

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

05/07/2008

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|--------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 63.05 | 101.99 | 68.94 | 67.35 | 124.05 | 115.55 | 128.88 | 126.18 | 118.05 | 130.00 | 258.45 | 167.13 | 149.55 | 137.77 | 211.46 | 244.77 | 131.58 | 156.21 | 213.43 | 210.53 | 151.27 | 152.54 | 104.74 | 100.81 |
| 24138 | -0.62 | -0.97 | -0.61 | -0.05 | -0.59 | 0.13 | 1.49 | 0.39 | 2.11 | -4.96 | -22.61 | -1.23 | 2.37 | 8.64 | -0.41 | -2.71 | 0.49 | 13.19 | -8.55 | -1.09 | 6.07 | -1.22 | -9.59 | -22.03 |
| | -71.13 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.01 | -121.41 | -94.22 | -186.86 | -521.59 | -181.27 | -124.38 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.02 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 63.05 | 101.99 | 68.95 | 67.35 | 124.06 | 115.56 | 128.87 | 126.18 | 118.04 | 130.11 | 258.70 | 167.14 | 149.53 | 137.73 | 211.47 | 244.82 | 131.58 | 156.11 | 213.52 | 210.55 | 151.21 | 152.56 | 104.74 | 100.83 |
| 24260 | -0.62 | -0.97 | -0.61 | -0.05 | -0.58 | 0.13 | 1.48 | 0.39 | 2.09 | -4.86 | -22.37 | -1.22 | 2.34 | 8.60 | -0.39 | -2.67 | 0.48 | 13.09 | -8.47 | -1.07 | 6.02 | -1.20 | -9.59 | -22.02 |
| | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.38 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | 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 | 63.05 | 101.99 | 68.95 | 67.35 | 124.06 | 115.56 | 128.87 | 126.18 | 118.04 | 130.11 | 258.70 | 167.14 | 149.53 | 137.73 | 211.47 | 244.82 | 131.58 | 156.11 | 213.52 | 210.55 | 151.21 | 152.56 | 104.74 | 100.83 |
| 24261 | -0.62 | -0.97 | -0.61 | -0.05 | -0.58 | 0.13 | 1.48 | 0.39 | 2.09 | -4.86 | -22.37 | -1.22 | 2.34 | 8.60 | -0.39 | -2.67 | 0.48 | 13.09 | -8.47 | -1.07 | 6.02 | -1.20 | -9.59 | -22.02 |
| | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.38 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | 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 | 90.43 | 146.34 | 98.60 | 93.09 | 174.46 | 158.59 | 169.74 | 171.93 | 155.69 | 215.10 | 500.90 | 247.78 | 202.61 | 152.88 | 305.78 | 357.73 | 192.53 | 155.85 | 360.82 | 296.05 | 179.56 | 216.26 | 189.01 | 246.20 |
| 24011 | -0.18 | -0.35 | -0.22 | -0.03 | -0.24 | 0.05 | 0.67 | 0.16 | 0.89 | -2.13 | -9.81 | -0.38 | 0.66 | 2.16 | -0.15 | -0.89 | 0.10 | 2.25 | -2.10 | -0.42 | 2.72 | -0.54 | -4.11 | -9.85 |
| | -98.08 | -159.19 | -106.55 | -93.64 | -182.24 | -156.95 | -151.69 | -167.39 | -133.07 | -269.14 | -751.24 | -261.08 | -179.14 | -70.63 | -310.08 | -386.29 | -187.89 | -32.42 | -449.04 | -309.09 | -115.28 | -229.63 | -287.03 | -485.23 |
| | 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 | 90.43 | 146.34 | 98.60 | 93.09 | 174.46 | 158.59 | 169.74 | 171.93 | 155.69 | 215.10 | 500.90 | 247.78 | 202.61 | 152.88 | 305.78 | 357.73 | 192.53 | 155.85 | 360.82 | 296.05 | 179.56 | 216.26 | 189.01 | 246.20 |
| 23798 | -0.18 | -0.35 | -0.22 | -0.03 | -0.24 | 0.05 | 0.67 | 0.16 | 0.89 | -2.13 | -9.81 | -0.38 | 0.66 | 2.16 | -0.15 | -0.89 | 0.10 | 2.25 | -2.10 | -0.42 | 2.72 | -0.54 | -4.11 | -9.85 |
| | -98.08 | -159.19 | -106.55 | -93.64 | -182.24 | -156.95 | -151.69 | -167.39 | -133.07 | -269.14 | -751.24 | -261.08 | -179.14 | -70.63 | -310.08 | -386.29 | -187.89 | -32.42 | -449.04 | -309.09 | -115.28 | -229.63 | -287.03 | -485.23 |
| | 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 | 90.43 | 146.34 | 98.60 | 93.09 | 174.46 | 158.59 | 169.74 | 171.93 | 155.69 | 215.10 | 500.90 | 247.78 | 202.61 | 152.88 | 305.78 | 357.73 | 192.53 | 155.85 | 360.82 | 296.05 | 179.56 | 216.26 | 189.01 | 246.20 |
| 24028 | -0.18 | -0.35 | -0.22 | -0.03 | -0.24 | 0.05 | 0.67 | 0.16 | 0.89 | -2.13 | -9.81 | -0.38 | 0.66 | 2.16 | -0.15 | -0.89 | 0.10 | 2.25 | -2.10 | -0.42 | 2.72 | -0.54 | -4.11 | -9.85 |
| | -98.08 | -159.19 | -106.55 | -93.64 | -182.24 | -156.95 | -151.69 | -167.39 | -133.07 | -269.14 | -751.24 | -261.08 | -179.14 | -70.63 | -310.08 | -386.29 | -187.89 | -32.42 | -449.04 | -309.09 | -115.28 | -229.63 | -287.03 | -485.23 |
| | 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 | 86.53 | 140.06 | 94.47 | 89.60 | 167.53 | 152.77 | 164.28 | 165.78 | 151.45 | 205.44 | 471.92 | 238.98 | 197.45 | 153.03 | 295.64 | 339.32 | 182.31 | 158.75 | 335.02 | 284.07 | 176.04 | 207.35 | 176.55 | 223.87 |
| 23527 | -0.43 | -0.70 | -0.38 | -0.03 | -0.38 | 0.08 | 0.87 | 0.25 | 1.21 | -3.19 | -14.71 | -0.82 | 1.25 | 4.56 | -0.23 | -1.98 | 0.25 | 6.94 | -5.69 | -0.76 | 3.54 | -0.80 | -5.76 | -13.91 |
| | -94.43 | -153.26 | -102.58 | -90.15 | -175.45 | -151.10 | -146.04 | -161.16 | -128.51 | -260.52 | -727.16 | -252.71 | -173.40 | -68.36 | -300.01 | -368.97 | -177.53 | -30.63 | -426.83 | -297.45 | -110.94 | -220.98 | -276.22 | -466.96 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS__DRP | 85.92 | 139.04 | 93.74 | 89.03 | 166.35 | 151.84 | 163.57 | 164.80 | 149.90 | 200.20 | 456.98 | 234.23 | 194.52 | 152.70 | 290.29 | 336.57 | 178.79 | 159.38 | 327.68 | 282.70 | 175.77 | 206.37 | 175.54 | 222.87 |
| 24190 | -0.45 | -0.76 | -0.47 | -0.03 | -0.46 | 0.09 | 1.06 | 0.28 | 1.41 | -3.53 | -16.06 | -0.84 | 1.56 | 5.52 | -0.28 | -1.85 | 0.31 | 8.18 | -5.84 | -0.76 | 3.78 | -0.76 | -5.49 | -12.74 |
| | -93.84 | -152.30 | -101.94 | -89.59 | -174.36 | -150.15 | -145.12 | -160.15 | -126.76 | -255.62 | -713.57 | -247.98 | -170.16 | -67.09 | -294.72 | -366.08 | -173.93 | -30.01 | -419.64 | -296.07 | -110.43 | -219.95 | -274.94 | -464.79 |
| | 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 | 85.92 | 139.04 | 93.74 | 89.03 | 166.35 | 151.84 | 163.57 | 164.80 | 149.90 | 200.20 | 456.98 | 234.23 | 194.52 | 152.70 | 290.29 | 336.57 | 178.79 | 159.38 | 327.68 | 282.70 | 175.77 | 206.37 | 175.54 | 222.87 |
| 23571 | -0.45 | -0.76 | -0.47 | -0.03 | -0.46 | 0.09 | 1.06 | 0.28 | 1.41 | -3.53 | -16.06 | -0.84 | 1.56 | 5.52 | -0.28 | -1.85 | 0.31 | 8.18 | -5.84 | -0.76 | 3.78 | -0.76 | -5.49 | -12.74 |
| | -93.84 | -152.30 | -101.94 | -89.59 | -174.36 | -150.15 | -145.12 | -160.15 | -126.76 | -255.62 | -713.57 | -247.98 | -170.16 | -67.09 | -294.72 | -366.08 | -173.93 | -30.01 | -419.64 | -296.07 | -110.43 | -219.95 | -274.94 | -464.79 |
| | 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 | 85.92 | 139.04 | 93.74 | 89.03 | 166.35 | 151.84 | 163.57 | 164.80 | 149.90 | 200.20 | 456.98 | 234.23 | 194.52 | 152.70 | 290.29 | 336.57 | 178.79 | 159.38 | 327.68 | 282.70 | 175.77 | 206.37 | 175.54 | 222.87 |
| 23572 | -0.45 | -0.76 | -0.47 | -0.03 | -0.46 | 0.09 | 1.06 | 0.28 | 1.41 | -3.53 | -16.06 | -0.84 | 1.56 | 5.52 | -0.28 | -1.85 | 0.31 | 8.18 | -5.84 | -0.76 | 3.78 | -0.76 | -5.49 | -12.74 |
| | -93.84 | -152.30 | -101.94 | -89.59 | -174.36 | -150.15 | -145.12 | -160.15 | -126.76 | -255.62 | -713.57 | -247.98 | -170.16 | -67.09 | -294.72 | -366.08 | -173.93 | -30.01 | -419.64 | -296.07 | -110.43 | -219.95 | -274.94 | -464.79 |
| | 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 | 85.92 | 139.04 | 93.74 | 89.03 | 166.35 | 151.84 | 163.57 | 164.80 | 149.90 | 200.20 | 456.98 | 234.23 | 194.52 | 152.70 | 290.29 | 336.57 | 178.79 | 159.38 | 327.68 | 282.70 | 175.77 | 206.37 | 175.54 | 222.87 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 23573 | -0.45 -93.84 N | -0.76 -152.30 N | -0.47 -101.94 N | -0.03 -89.59 N | -0.46 -174.36 N | 0.09 -150.15 N | 1.06 -145.12 N | 0.28 -160.15 N | 1.41 -126.76 N | -3.53 -255.62 N | -16.06 -713.57 N | -0.84 -247.98 N | 1.56 -170.16 N | 5.52 -67.09 N | -0.28 -294.72 N | -1.85 -366.08 N | 0.31 -173.93 N | 8.18 -30.01 N | -5.84 -419.64 N | -0.76 -296.07 N | 3.78 -110.43 N | -0.76 -219.95 N | -5.49 -274.94 N | -12.74 -464.79 N |
| ALBANY____4 23574 | 85.92 -0.45 -93.84 N | 139.04 -0.76 -152.30 N | 93.74 -0.47 -101.94 N | 89.03 -0.03 -89.59 N | 166.35 -0.46 -174.36 N | 151.84 0.09 -150.15 N | 163.57 1.06 -145.12 N | 164.80 0.28 -160.15 N | 149.90 1.41 -126.76 N | 200.20 -3.53 -255.62 N | 456.98 -16.06 -713.57 N | 234.23 -0.84 -247.98 N | 194.52 1.56 -170.16 N | 152.70 5.52 -67.09 N | 290.29 -0.28 -294.72 N | 336.57 -1.85 -366.08 N | 178.79 0.31 -173.93 N | 159.38 8.18 -30.01 N | 327.68 -5.84 -419.64 N | 282.70 -0.76 -296.07 N | 175.77 3.78 -110.43 N | 206.37 -0.76 -219.95 N | 175.54 -5.49 -274.94 N | 222.87 -12.74 -464.79 N |
| ALCOA_RYNLDS____DRP 24188 | -9.58 0.28 2.39 N | -15.87 0.51 3.88 N | -10.01 0.31 2.60 N | -2.79 0.02 2.28 N | -11.69 0.30 4.45 N | -2.30 -0.06 3.83 N | 13.09 -0.59 3.70 N | 0.14 -0.15 4.08 N | 17.63 -0.83 3.26 N | -56.52 2.01 6.63 N | -250.07 8.96 18.50 N | -18.78 0.55 6.43 N | 17.47 -0.92 4.41 N | 74.96 -3.40 1.74 N | -11.59 0.18 7.63 N | -36.00 1.18 9.52 N | -0.11 -0.19 4.46 N | 115.70 -4.71 0.77 N | -93.69 3.18 10.76 N | -19.69 0.46 7.54 N | 56.38 -2.37 2.81 N | -17.89 0.54 5.60 N | -97.26 3.64 7.00 N | -234.02 6.99 11.83 N |
| ALLEGHENY____COGEN 23514 | 2.71 -0.21 -10.39 N | 3.92 -0.44 -16.86 N | 3.32 -0.24 -11.28 N | 9.40 0.00 -9.92 N | 11.53 -0.23 -19.30 N | 18.26 0.05 -16.62 N | 33.92 0.48 -16.06 N | 22.29 0.18 -17.73 N | 35.97 0.92 -13.34 N | -28.57 -2.44 -25.76 N | -178.81 -10.17 -71.89 N | 11.42 -0.65 -24.99 N | 40.90 0.95 -17.14 N | 90.47 3.62 -6.76 N | 25.53 -0.23 -29.91 N | 10.67 -1.46 -39.79 N | 22.19 0.18 -17.47 N | 128.57 4.35 -3.04 N | -45.48 -2.71 -43.35 N | 19.73 -0.62 -32.97 N | 76.59 2.73 -12.30 N | 11.02 -0.65 -24.49 N | -65.60 -2.31 -30.62 N | -180.27 -2.84 -51.76 N |
| AMERICAN_REF_FUEL 24010 | 1.73 0.25 -8.95 N | 2.32 0.30 -14.52 N | 2.22 0.23 -9.72 N | 8.02 0.00 -8.54 N | 9.34 0.26 -16.62 N | 15.83 -0.08 -14.32 N | 30.06 -1.16 -13.84 N | 19.34 -0.31 -15.27 N | 31.73 -1.49 -11.49 N | -27.31 2.40 -22.18 N | -165.84 12.77 -61.93 N | 9.30 0.69 -21.52 N | 35.96 -1.60 -14.77 N | 80.21 -5.71 -5.82 N | 21.78 0.16 -25.76 N | 7.82 1.24 -34.25 N | 19.26 -0.33 -15.05 N | 115.10 -8.67 -2.59 N | -44.44 4.73 -36.95 N | 15.99 0.51 -28.10 N | 68.10 -3.95 -10.48 N | 8.57 0.53 -20.88 N | -63.42 4.40 -26.09 N | -173.78 11.28 -44.11 N |
| ARTHUR_KILL_GT_1 23520 | 63.03 -0.64 -71.14 N | 101.94 -1.02 -115.46 N | 68.93 -0.62 -77.28 N | 67.34 -0.05 -67.91 N | 124.05 -0.59 -132.18 N | 115.57 0.14 -113.83 N | 128.91 1.51 -110.02 N | 126.15 0.37 -121.41 N | 117.84 1.90 -94.22 N | 130.75 -4.22 -186.86 N | 212.16 -19.94 -472.63 N | 167.20 -1.16 -181.27 N | 149.57 2.38 -124.39 N | 138.06 8.93 -49.04 N | 211.48 -0.39 -216.01 N | 206.33 -2.38 -236.38 N | 131.57 0.47 -126.56 N | 156.19 13.17 -21.84 N | 213.73 -8.26 -308.11 N | 210.61 -1.01 -224.24 N | 151.05 5.85 -83.63 N | 152.58 -1.19 -166.59 N | 104.73 -9.60 -208.24 N | 100.83 -22.03 -352.03 N |
| ARTHUR_KILL_2 23512 | 63.03 -0.64 -71.14 N | 101.94 -1.02 -115.46 N | 68.93 -0.62 -77.28 N | 67.34 -0.05 -67.91 N | 124.05 -0.59 -132.18 N | 115.57 0.14 -113.83 N | 128.91 1.51 -110.02 N | 126.15 0.37 -121.41 N | 117.84 1.90 -94.22 N | 130.75 -4.22 -186.86 N | 212.16 -19.94 -472.63 N | 167.20 -1.16 -181.27 N | 149.57 2.38 -124.39 N | 138.06 8.93 -49.04 N | 211.48 -0.39 -216.01 N | 206.33 -2.38 -236.38 N | 131.57 0.47 -126.56 N | 156.19 13.17 -21.84 N | 213.73 -8.26 -308.11 N | 210.61 -1.01 -224.24 N | 151.05 5.85 -83.63 N | 152.58 -1.19 -166.59 N | 104.73 -9.60 -208.24 N | 100.83 -22.03 -352.03 N |
| ARTHUR_KILL_3 23513 | 63.09 -0.58 -71.13 N | 102.06 -0.90 -115.46 N | 68.99 -0.56 -77.28 N | 67.35 -0.05 -67.91 N | 124.10 -0.54 -132.18 N | 115.54 0.12 -113.83 N | 128.77 1.37 -110.02 N | 126.15 0.36 -121.41 N | 117.89 1.94 -94.22 N | 130.40 -4.57 -186.86 N | 260.16 -20.91 -521.60 N | 167.24 -1.12 -181.27 N | 149.34 2.16 -124.38 N | 137.13 8.00 -49.04 N | 211.50 -0.36 -216.01 N | 245.02 -2.47 -275.15 N | 131.55 0.45 -126.56 N | 155.30 12.28 -21.84 N | 214.04 -7.95 -308.11 N | 210.63 -0.99 -224.24 N | 150.79 5.60 -83.63 N | 152.64 -1.12 -166.59 N | 105.28 -9.05 -208.24 N | 102.08 -20.77 -352.03 N |
| ASHOKAN____ 23654 | 69.78 -0.67 -77.92 N | 112.85 -1.12 -126.47 N | 76.23 -0.70 -84.65 N | 73.82 -0.05 -74.39 N | 136.55 -0.69 -144.78 N | 126.43 0.15 -124.69 N | 139.61 1.72 -120.51 N | 137.82 0.46 -132.99 N | 127.73 2.33 -103.68 N | 149.07 -5.43 -206.40 N | 310.59 -25.01 -576.13 N | 186.00 -1.31 -200.22 N | 162.63 2.44 -137.39 N | 143.08 8.81 -54.17 N | 233.87 -0.43 -238.44 N | 271.45 -2.86 -301.98 N | 145.06 0.51 -140.01 N | 158.99 13.65 -24.16 N | 244.77 -9.19 -340.07 N | 231.75 -1.26 -245.64 N | 159.95 6.77 -91.61 N | 168.30 -1.36 -182.49 N | 124.36 -9.84 -228.11 N | 133.75 -22.69 -385.62 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT2_1 24094 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT2_2 24095 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT2_3 24096 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |

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| ASTORIA_GT2_4 24097 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT3_1 24098 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT3_2 24099 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT3_3 24100 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT3_4 24101 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N |
| ASTORIA_GT4_1 24102 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | | | | | | | | | |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|---|
| ASTORIA_GT_5 24106 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA_GT_7 24107 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA_GT_8 24108 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA___2 24149 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.48 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.82 12.80 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.18 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA___3 23516 | 63.07 -0.60 -71.14 N | 102.02 -0.94 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.82 1.43 -110.02 N | 126.16 0.38 -121.41 N | 118.01 2.06 -94.22 N | 130.23 -4.73 -186.86 N | 259.46 -21.61 -521.60 N | 167.18 -1.18 -181.27 N | 149.49 2.30 -124.38 N | 137.61 8.47 -49.04 N | 211.50 -0.36 -216.01 N | 244.94 -2.55 -275.15 N | 131.58 0.47 -126.56 N | 155.85 12.83 -21.84 N | 213.89 -8.10 -308.11 N | 210.61 -1.01 -224.24 N | 151.00 5.80 -83.63 N | 152.60 -1.16 -166.59 N | 104.47 -9.86 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA___4 23517 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.09 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.80 1.40 -110.02 N | 142.52 0.35 -137.79 N | 227.57 2.06 -203.79 N | 189.09 -4.62 -245.61 N | 259.93 -21.13 -521.60 N | 167.19 -1.16 -181.27 N | 149.50 2.31 -124.38 N | 137.61 8.47 -49.04 N | 211.57 -0.30 -216.01 N | 245.01 -2.48 -275.15 N | 131.57 0.47 -126.56 N | 155.81 12.79 -21.84 N | 214.02 -7.97 -308.11 N | 210.65 -0.97 -224.24 N | 151.01 5.82 -83.63 N | 152.59 -1.17 -166.59 N | 104.56 -9.77 -208.24 N | 100.12 -22.74 -352.03 N | |
| ASTORIA___5 23518 | 63.07 -0.60 -71.14 N | 102.02 -0.94 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.82 1.43 -110.02 N | 126.16 0.38 -121.41 N | 118.01 2.06 -94.22 N | 130.23 -4.73 -186.86 N | 259.46 -21.61 -521.60 N | 167.18 -1.18 -181.27 N | 149.49 2.30 -124.38 N | 137.61 8.47 -49.04 N | 211.50 -0.37 -216.01 N | 244.94 -2.55 -275.15 N | 131.58 0.47 -126.56 N | 155.84 12.82 -21.84 N | 213.89 -8.10 -308.11 N | 210.61 -1.01 -224.24 N | 151.00 5.80 -83.63 N | 152.60 -1.16 -166.59 N | 104.82 -9.51 -208.24 N | 100.82 -22.04 -352.03 N | |
| ATHENS_STG_1 23668 | 70.59 -0.45 -78.51 N | 114.19 -0.74 -127.42 N | 77.10 -0.46 -85.29 N | 74.40 -0.03 -74.95 N | 137.89 -0.44 -145.87 N | 127.31 0.09 -125.63 N | 139.80 1.00 -121.42 N | 138.63 0.27 -133.99 N | 126.75 1.39 -103.64 N | 149.88 -3.18 -204.96 N | 316.62 -14.96 -572.12 N | 185.11 -0.80 -198.83 N | 160.76 1.53 -136.43 N | 139.41 5.52 -53.79 N | 232.64 -0.26 -237.05 N | 273.97 -1.73 -303.37 N | 143.77 0.32 -138.92 N | 153.63 8.48 -23.97 N | 246.79 -5.66 -338.57 N | 234.10 -0.76 -247.48 N | 157.82 3.96 -92.30 N | 170.21 -0.82 -183.86 N | 129.60 -6.31 -229.82 N | 144.91 -14.43 -388.51 N | |
| ATHENS_STG_2 23670 | 70.59 -0.45 -78.51 N | 114.19 -0.74 -127.42 N | 77.10 -0.46 -85.29 N | 74.40 -0.03 -74.95 N | 137.89 -0.44 -145.87 N | 127.31 0.09 -125.63 N | 139.80 1.00 -121.42 N | 138.63 0.27 -133.99 N | 126.75 1.39 -103.64 N | 149.88 -3.18 -204.96 N | 316.62 -14.96 -572.12 N | 185.11 -0.80 -198.83 N | 160.76 1.53 -136.43 N | 139.41 5.52 -53.79 N | 232.64 -0.26 -237.05 N | 273.97 -1.73 -303.37 N | 143.77 0.32 -138.92 N | 153.63 8.48 -23.97 N | 246.79 -5.66 -338.57 N | 234.10 -0.76 -247.48 N | 157.82 3.96 -92.30 N | 170.21 -0.82 -183.86 N | 129.60 -6.31 -229.82 N | 144.91 -14.43 -388.51 N | |
| ATHENS_STG_3 23677 | 70.59 -0.45 -78.51 N | 114.19 -0.74 -127.42 N | 77.10 -0.46 -85.29 N | 74.40 -0.03 -74.95 N | 137.89 -0.44 -145.87 N | 127.31 0.09 -125.63 N | 139.80 1.00 -121.42 N | 138.63 0.27 -133.99 N | 126.75 1.39 -103.64 N | 149.88 -3.18 -204.96 N | 316.62 -14.96 -572.12 N | 185.11 -0.80 -198.83 N | 160.76 1.53 -136.43 N | 139.41 5.52 -53.79 N | 232.64 -0.26 -237.05 N | 273.97 -1.73 -303.37 N | 143.77 0.32 -138.92 N | 153.63 8.48 -23.97 N | 246.79 -5.66 -338.57 N | 234.10 -0.76 -247.48 N | 157.82 3.96 -92.30 N | 170.21 -0.82 -183.86 N | 129.60 -6.31 -229.82 N | 144.91 -14.43 -388.51 N | |
| BARRETT_IC_1 23704 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N | |
| BARRETT_IC_10 23701 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N | |
| BARRETT_IC_11 23702 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N | |
| BARRETT_IC_12 | 63.04 | 101.98 | 68.94 | 67.36 | 124.08 | 115.57 | 128.87 | 126.17 | 117.89 | 129.74 | 262.19 | 167.32 | 149.42 | 137.43 | 211.56 | 245.23 | 131.73 | 155.48 | 214.76 | 210.81 | 151.07 | 153.09 | 104.04 | 98.62 | |

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|-----------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 23703 | -0.64 -71.15 N | -1.00 -115.48 N | -0.62 -77.29 N | -0.04 -67.93 N | -0.58 -132.19 N | 0.13 -113.85 N | 1.46 -110.03 N | 0.37 -121.42 N | 1.93 -94.23 N | -5.25 -186.89 N | -18.95 -521.67 N | -1.07 -181.29 N | 2.22 -124.40 N | 8.29 -49.05 N | -0.34 -216.04 N | -2.30 -275.19 N | 0.44 -126.76 N | 12.46 -21.84 N | -7.28 -308.16 N | -0.85 -224.27 N | 5.81 -83.69 N | -1.19 -167.11 N | -10.32 -208.27 N | -24.28 -352.08 N |
| BARRETT_IC_2 23705 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_3 23706 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_4 23707 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_5 23708 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_6 23709 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_7 23710 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_8 23711 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT_IC_9 23700 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT___1 23545 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BARRETT___2 23546 | 63.04 -0.64 -71.15 N | 101.98 -1.00 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.87 1.46 -110.03 N | 126.17 0.37 -121.42 N | 117.89 1.93 -94.23 N | 129.74 -5.25 -186.89 N | 262.19 -18.95 -521.67 N | 167.32 -1.07 -181.29 N | 149.42 2.22 -124.40 N | 137.43 8.29 -49.05 N | 211.56 -0.34 -216.04 N | 245.23 -2.30 -275.19 N | 131.73 0.44 -126.76 N | 155.48 12.46 -21.84 N | 214.76 -7.28 -308.16 N | 210.81 -0.85 -224.27 N | 151.07 5.81 -83.69 N | 153.09 -1.19 -167.11 N | 104.04 -10.32 -208.27 N | 98.62 -24.28 -352.08 N |
| BEAVER RIVER___HYD 24048 | -7.36 0.10 0.00 N | -12.31 0.19 0.00 N | -7.61 0.12 0.00 N | -0.52 0.01 0.00 N | -7.44 0.10 0.00 N | 1.58 -0.01 0.00 N | 17.32 -0.06 0.00 N | 4.39 0.01 0.00 N | 21.76 0.04 0.00 N | -52.23 -0.34 0.00 N | -241.46 -0.93 0.00 N | -12.94 -0.03 0.00 N | 22.82 0.02 0.00 N | 79.99 -0.11 0.00 N | -4.13 0.01 0.00 N | -27.62 0.04 0.00 N | 4.52 -0.02 0.00 N | 120.94 -0.24 0.00 N | -85.89 0.23 0.00 N | -12.67 -0.05 0.00 N | 61.95 0.39 0.00 N | -12.85 -0.03 0.00 N | -93.13 0.78 0.00 N | -227.24 1.94 0.00 N |
| BEEBEE_GT_13 23619 | -0.96 -0.37 -6.87 N | -1.98 -0.64 -11.16 N | -0.62 -0.36 -7.47 N | 6.02 -0.03 -6.56 N | 4.88 -0.35 -12.77 N | 12.67 0.08 -11.00 N | 28.87 0.86 -10.63 N | 16.44 0.30 -11.77 N | 32.00 1.43 -8.85 N | -38.92 -4.09 -17.07 N | -210.89 -17.99 -47.64 N | 2.62 -1.02 -16.55 N | 35.78 1.62 -11.36 N | 90.44 5.86 -4.48 N | 15.28 -0.36 -19.79 N | -3.91 -2.39 -26.15 N | 16.40 0.31 -11.55 N | 131.30 8.13 -1.99 N | -63.92 -6.25 -28.45 N | 8.00 -1.05 -21.66 N | 74.32 4.68 -8.08 N | 2.21 -1.06 -16.09 N | -78.91 -5.12 -20.12 N | -206.60 -11.43 -34.01 N |
| BETHLEHEM___GRP 23843 | 85.92 -0.45 -93.84 N | 139.04 -0.76 -152.30 N | 93.74 -0.47 -101.94 N | 89.03 -0.03 -89.59 N | 166.35 -0.46 -174.36 N | 151.84 0.09 -150.15 N | 163.57 1.06 -145.12 N | 164.80 0.28 -160.15 N | 149.90 1.41 -126.76 N | 200.20 -3.53 -255.62 N | 456.98 -16.06 -713.57 N | 234.23 -0.84 -247.98 N | 194.52 1.56 -170.16 N | 152.70 5.52 -67.09 N | 290.29 -0.28 -294.72 N | 336.57 -1.85 -366.08 N | 178.79 0.31 -173.93 N | 159.38 8.18 -30.01 N | 327.68 -5.84 -419.64 N | 282.70 -0.76 -296.07 N | 175.77 3.78 -110.43 N | 206.37 -0.76 -219.95 N | 175.54 -5.49 -274.94 N | 222.87 -12.74 -464.79 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| BETHLEHEM___GS1 323560 | 85.92 -0.45 -93.84 N | 139.04 -0.76 -152.30 N | 93.74 -0.47 -101.94 N | 89.03 -0.03 -89.59 N | 166.35 -0.46 -174.36 N | 151.84 0.09 -150.15 N | 163.57 1.06 -145.12 N | 164.80 0.28 -160.15 N | 149.90 1.41 -126.76 N | 200.20 -3.53 -255.62 N | 456.98 -16.06 -713.57 N | 234.23 -0.84 -247.98 N | 194.52 1.56 -170.16 N | 152.70 5.52 -67.09 N | 290.29 -0.28 -294.72 N | 336.57 -1.85 -366.08 N | 178.79 0.31 -173.93 N | 159.38 8.18 -30.01 N | 327.68 -5.84 -419.64 N | 282.70 -0.76 -296.07 N | 175.77 3.78 -110.43 N | 206.37 -0.76 -219.95 N | 175.54 -5.49 -274.94 N | 222.87 -12.74 -464.79 N |
| BETHLEHEM___GS2 323561 | 85.92 -0.45 -93.84 N | 139.04 -0.76 -152.30 N | 93.74 -0.47 -101.94 N | 89.03 -0.03 -89.59 N | 166.35 -0.46 -174.36 N | 151.84 0.09 -150.15 N | 163.57 1.06 -145.12 N | 164.80 0.28 -160.15 N | 149.90 1.41 -126.76 N | 200.20 -3.53 -255.62 N | 456.98 -16.06 -713.57 N | 234.23 -0.84 -247.98 N | 194.52 1.56 -170.16 N | 152.70 5.52 -67.09 N | 290.29 -0.28 -294.72 N | 336.57 -1.85 -366.08 N | 178.79 0.31 -173.93 N | 159.38 8.18 -30.01 N | 327.68 -5.84 -419.64 N | 282.70 -0.76 -296.07 N | 175.77 3.78 -110.43 N | 206.37 -0.76 -219.95 N | 175.54 -5.49 -274.94 N | 222.87 -12.74 -464.79 N |
| BETHLEHEM___GS3 323562 | 85.92 -0.45 -93.84 N | 139.04 -0.76 -152.30 N | 93.74 -0.47 -101.94 N | 89.03 -0.03 -89.59 N | 166.35 -0.46 -174.36 N | 151.84 0.09 -150.15 N | 163.57 1.06 -145.12 N | 164.80 0.28 -160.15 N | 149.90 1.41 -126.76 N | 200.20 -3.53 -255.62 N | 456.98 -16.06 -713.57 N | 234.23 -0.84 -247.98 N | 194.52 1.56 -170.16 N | 152.70 5.52 -67.09 N | 290.29 -0.28 -294.72 N | 336.57 -1.85 -366.08 N | 178.79 0.31 -173.93 N | 159.38 8.18 -30.01 N | 327.68 -5.84 -419.64 N | 282.70 -0.76 -296.07 N | 175.77 3.78 -110.43 N | 206.37 -0.76 -219.95 N | 175.54 -5.49 -274.94 N | 222.87 -12.74 -464.79 N |
| BETHLEHEM___STEEL 23779 | 2.43 0.20 -9.70 N | 3.46 0.22 -15.74 N | 2.98 0.17 -10.54 N | 8.75 0.01 -9.26 N | 10.67 0.20 -18.02 N | 17.05 -0.06 -15.52 N | 31.45 -0.93 -15.00 N | 20.69 -0.24 -16.55 N | 33.03 -1.15 -12.45 N | -26.07 1.77 -24.05 N | -163.56 9.84 -67.13 N | 10.91 0.50 -23.33 N | 37.58 -1.23 -16.01 N | 82.15 -4.26 -6.31 N | 23.89 0.10 -27.93 N | 10.33 0.83 -37.16 N | 20.60 -0.25 -16.31 N | 117.55 N -2.80 N | -42.42 3.71 -39.99 N | 18.14 0.35 -30.41 N | 70.06 -2.84 -11.34 N | 10.10 0.34 -22.59 N | -62.17 3.50 -28.24 N | -171.49 9.96 -47.73 N |
| BETHPAGE_CC_5 323564 | 63.03 -0.65 -71.15 N | 101.95 -1.02 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.06 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.91 1.50 -110.03 N | 126.20 0.40 -121.42 N | 117.91 1.95 -94.23 N | 129.97 -5.02 -186.89 N | 262.31 -18.83 -521.67 N | 167.34 -1.05 -181.29 N | 149.36 2.16 -124.40 N | 137.27 8.12 -49.05 N | 211.58 -0.32 -216.04 N | 245.29 -2.24 -275.19 N | 131.55 0.42 -126.58 N | 155.24 12.21 -21.84 N | 214.82 -7.21 -308.16 N | 210.82 -0.84 -224.27 N | 151.02 5.81 -83.65 N | 152.57 -1.21 -166.62 N | 103.78 -10.57 -208.27 N | 97.83 -25.07 -352.08 N |
| BINGHAMTON___COGEN 23790 | 16.29 -0.12 -23.87 N | 25.98 -0.27 -38.75 N | 18.04 -0.16 -25.94 N | 22.29 0.02 -22.79 N | 36.66 -0.16 -44.36 N | 39.83 0.04 -38.20 N | 54.72 0.42 -36.92 N | 45.25 0.13 -40.75 N | 53.05 0.63 -30.70 N | 6.47 -0.98 -59.35 N | -79.27 -4.40 -165.67 N | 44.29 -0.38 -57.57 N | 62.99 0.69 -39.51 N | 98.42 2.75 -15.58 N | 64.66 -0.11 -68.91 N | 63.98 -0.78 -92.43 N | 44.94 0.16 -40.24 N | 132.22 4.09 -6.94 N | 11.59 -1.45 -99.15 N | 62.36 -0.28 -75.27 N | 91.52 1.88 -28.07 N | 42.72 -0.37 -55.91 N | -25.52 -1.51 -69.89 N | -111.42 -0.40 -118.16 N |
| BLACK RIVER___HYD 24047 | -7.46 0.01 0.00 N | -12.46 0.04 0.00 N | -7.69 0.03 0.00 N | -0.52 0.00 0.00 N | -7.53 0.01 0.00 N | 1.60 0.01 0.00 N | 17.60 0.22 0.00 N | 4.49 0.11 0.00 N | 22.25 0.52 0.00 N | -53.40 -1.51 0.00 N | -246.51 -5.98 0.00 N | -13.22 -0.31 0.00 N | 23.28 0.48 0.00 N | 81.66 1.56 0.00 N | -4.23 -0.08 0.00 N | -28.22 -0.56 0.00 N | 4.62 0.08 0.00 N | 123.50 2.32 0.00 N | -87.60 -1.48 0.00 N | -12.92 -0.30 0.00 N | 63.31 1.75 0.00 N | -13.12 -0.30 0.00 N | -94.57 -0.66 0.00 N | -230.43 -1.26 0.00 N |
| BLISS_WT_PWR 323608 | 3.33 0.08 -10.71 N | 4.89 0.00 -17.39 N | 3.93 0.02 -11.64 N | 9.73 0.02 -10.23 N | 12.42 0.05 -19.91 N | 18.72 -0.02 -17.14 N | 33.44 0.01 -16.57 N | 22.51 -0.15 -18.29 N | 34.90 -0.58 -13.76 N | -24.79 0.53 -26.58 N | -161.66 4.68 -74.20 N | 13.34 0.46 -25.79 N | 39.58 -0.92 -17.69 N | 83.30 -3.78 -6.98 N | 26.84 0.12 -30.87 N | 13.91 0.45 -41.12 N | 22.41 -0.16 -18.03 N | 119.39 -4.85 -3.06 N | -40.59 1.88 -43.65 N | 20.56 0.00 -33.18 N | 72.47 -1.47 -12.37 N | 11.98 0.16 -24.65 N | -59.28 3.81 -30.81 N | -165.51 11.59 -52.08 N |
| BLUE_CIRC_CHEM_DRP 24182 | 84.27 -0.46 -92.19 N | 136.35 -0.78 -149.64 N | 91.93 -0.49 -100.16 N | 87.46 -0.03 -88.02 N | 163.28 -0.48 -171.30 N | 149.22 0.10 -147.53 N | 161.04 1.08 -142.58 N | 162.00 0.27 -157.35 N | 146.87 1.41 -123.74 N | 192.93 -3.35 -248.17 N | 436.87 -15.34 -692.74 N | 227.02 -0.81 -240.74 N | 189.54 1.55 -165.19 N | 150.75 5.53 -65.13 N | 281.94 -0.27 -286.36 N | 329.16 -1.77 -358.60 N | 173.56 0.31 -168.71 N | 158.54 8.25 -29.11 N | 316.33 -5.66 -408.12 N | 277.32 -0.78 -290.71 N | 173.95 3.96 -108.43 N | 202.34 -0.81 -215.97 N | 170.02 -6.04 -269.97 N | 213.34 -13.86 -456.38 N |
| BOC_GAS_DRP 24189 | 85.37 -0.40 -93.24 N | 138.15 -0.68 -151.33 N | 93.13 -0.43 -101.29 N | 88.46 -0.03 -89.01 N | 165.29 -0.41 -173.24 N | 150.87 0.08 -149.19 N | 162.48 0.90 -144.20 N | 163.74 0.23 -159.13 N | 148.14 1.22 -125.20 N | 196.44 -2.86 -251.20 N | 447.24 -13.41 -701.19 N | 230.07 -0.70 -243.68 N | 191.35 1.34 -167.21 N | 150.82 4.80 -65.92 N | 285.45 -0.23 -289.83 N | 333.54 -1.52 -362.73 N | 175.60 0.27 -170.79 N | 157.83 7.18 -29.47 N | 321.96 -4.98 -413.06 N | 280.72 -0.67 -294.01 N | 174.58 3.37 -109.66 N | 204.89 -0.70 -218.42 N | 173.82 -5.30 -273.03 N | 220.25 -12.13 -461.56 N |
| BORALEX_4TH_BRANCH 23824 | 86.53 -0.43 -94.43 N | 140.06 -0.70 -153.26 N | 94.47 -0.38 -102.58 N | 89.60 -0.03 -90.15 N | 167.53 -0.38 -175.45 N | 152.77 0.08 -151.10 N | 164.28 0.87 -146.04 N | 165.78 0.25 -161.16 N | 151.45 1.21 -128.51 N | 205.44 -3.19 -260.52 N | 471.92 -14.71 -727.16 N | 238.98 -0.82 -252.71 N | 197.45 1.25 -173.40 N | 153.03 4.56 -68.36 N | 295.64 -0.23 -300.01 N | 339.32 -1.98 -368.97 N | 182.31 0.25 -177.53 N | 158.75 6.94 -30.63 N | 335.02 -5.69 -426.83 N | 284.07 -0.76 -297.45 N | 176.04 3.54 -110.94 N | 207.35 -0.80 -220.98 N | 176.55 -5.76 -276.22 N | 223.87 -13.91 -466.96 N |
| BOWLINE___1 23526 | 61.49 -0.56 -69.52 N | 99.44 -0.89 -112.83 N | 67.23 -0.56 -75.52 N | 65.81 -0.04 -66.37 N | 121.09 -0.54 -129.17 N | 112.96 0.12 -111.24 N | 126.25 1.35 -107.52 N | 123.38 0.35 -118.65 N | 115.61 1.85 -92.03 N | 126.22 -4.33 -182.45 N | 249.21 -19.53 -509.27 N | 162.99 -1.09 -176.98 N | 146.33 2.08 -121.44 N | 135.55 7.58 -47.88 N | 206.42 -0.36 -210.92 N | 238.79 -2.41 -268.87 N | 128.54 0.42 -123.58 N | 154.24 11.73 -21.32 N | 207.07 -7.71 -300.99 N | 205.54 -0.99 -219.14 N | 148.75 5.46 -81.74 N | 148.88 -1.10 -162.81 N | 100.85 -8.75 -203.51 N | 94.77 -20.08 -344.03 N |
| BOWLINE___2 23595 | 61.50 -0.56 -69.53 N | 99.45 -0.89 -112.85 N | 67.24 -0.56 -75.53 N | 65.81 -0.04 -66.38 N | 121.11 -0.54 -129.19 N | 112.97 0.12 -111.26 N | 126.26 1.35 -107.53 N | 123.39 0.35 -118.66 N | 115.60 1.84 -92.04 N | 126.32 -4.25 -182.47 N | 249.49 -19.31 -509.33 N | 163.01 -1.09 -177.01 N | 146.34 2.08 -121.46 N | 135.56 7.58 -47.88 N | 206.44 -0.36 -210.95 N | 238.81 -2.42 -268.90 N | 128.55 0.42 -123.59 N | 154.24 11.73 -21.33 N | 207.11 -7.71 -300.94 N | 205.56 -0.99 -219.17 N | 148.76 5.46 -81.74 N | 148.89 -1.10 -162.82 N | 100.87 -8.75 -203.53 N | 94.81 -20.08 -344.07 N |
| BROOKHAVEN___DRP 24191 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.36 1.95 -110.03 N | 126.34 0.53 -121.42 N | 118.41 2.46 -94.23 N | 129.01 -5.99 -186.89 N | 259.45 -21.69 -521.67 N | 167.18 -1.21 -181.29 N | 149.75 2.55 -124.40 N | 138.68 9.54 -49.05 N | 211.53 -0.37 -216.04 N | 245.06 -2.47 -275.19 N | 131.60 0.49 -126.57 N | 156.99 13.97 -21.84 N | 213.92 -8.11 -308.16 N | 210.77 -0.88 -224.27 N | 152.08 6.87 -83.64 N | 152.33 -1.43 -166.59 N | 101.19 -13.17 -208.27 N | 90.92 -31.98 -352.08 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 | 63.07 -0.60 -71.13 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.87 1.47 -110.02 N | 126.16 0.38 -121.41 N | 118.06 2.12 -94.22 N | 130.22 -4.75 -186.86 N | 258.52 -22.54 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.58 8.44 -49.04 N | 211.48 -0.39 -216.01 N | 244.87 -2.61 -275.15 N | 131.58 0.47 -126.56 N | 155.91 12.89 -21.84 N | 213.61 -8.38 -308.11 N | 210.56 -1.07 -224.24 N | 151.11 5.91 -83.63 N | 152.57 -1.19 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.27 -352.03 N | |
| BROOKLYN___ARMY_DRP 323595 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| BROOME___LFGE 323600 | 16.29 -0.12 -23.87 N | 25.98 -0.27 -38.75 N | 18.04 -0.16 -25.94 N | 22.29 0.02 -22.79 N | 36.66 -0.16 -44.36 N | 39.83 0.04 -38.20 N | 54.72 0.42 -36.92 N | 45.25 0.13 -40.75 N | 53.05 0.63 -30.70 N | 6.47 -0.98 -59.35 N | -79.27 -4.40 -165.67 N | 44.29 -0.38 -57.57 N | 62.99 0.69 -39.51 N | 98.42 2.75 -15.58 N | 64.66 -0.11 -68.91 N | 63.98 -0.78 -92.43 N | 44.94 0.16 -40.24 N | 132.22 4.09 -6.94 N | 11.59 -1.45 -99.15 N | 62.36 -0.28 -75.27 N | 91.52 1.88 -28.07 N | 42.72 -0.37 -55.91 N | -25.52 -1.51 -69.89 N | -111.42 -0.40 -118.16 N | |
| BURROWS___LYONSDAL 23803 | -7.45 0.02 0.00 N | -12.46 0.05 0.00 N | -7.70 0.03 0.00 N | -0.52 0.00 0.00 N | -7.52 0.02 0.00 N | 1.59 0.00 0.00 N | 17.47 0.09 0.00 N | 4.43 0.05 0.00 N | 21.97 0.25 0.00 N | -52.65 -0.76 0.00 N | -243.41 -2.88 0.00 N | -13.06 -0.15 0.00 N | 23.04 0.24 0.00 N | 80.84 0.74 0.00 N | -4.18 -0.04 0.00 N | -31.03 -0.26 3.10 N | 4.58 0.04 0.00 N | 122.26 1.08 0.00 N | -86.73 -0.61 0.00 N | -12.77 -0.15 0.00 N | 62.37 0.81 0.00 N | -12.97 -0.14 0.00 N | -94.03 -0.13 0.00 N | -229.42 -0.25 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.05 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.95 1.53 -110.03 N | 126.21 0.41 -121.42 N | 117.96 2.00 -94.23 N | 130.04 -4.96 -186.89 N | 262.31 -18.83 -521.67 N | 167.34 -1.04 -181.29 N | 149.36 2.16 -124.40 N | 137.24 8.10 -49.05 N | 211.58 -0.32 -216.04 N | 245.28 -2.24 -275.19 N | 131.55 0.42 -126.59 N | 155.24 12.21 -21.84 N | 214.83 -7.21 -308.16 N | 210.81 -0.85 -224.27 N | 151.04 5.83 -83.65 N | 152.56 -1.24 -166.63 N | 103.50 -10.86 -208.27 N | 97.14 -25.76 -352.08 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.05 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.95 1.53 -110.03 N | 126.21 0.41 -121.42 N | 117.96 2.00 -94.23 N | 130.04 -4.96 -186.89 N | 262.31 -18.83 -521.67 N | 167.34 -1.04 -181.29 N | 149.36 2.16 -124.40 N | 137.24 8.10 -49.05 N | 211.58 -0.32 -216.04 N | 245.28 -2.24 -275.19 N | 131.55 0.42 -126.59 N | 155.24 12.21 -21.84 N | 214.83 -7.21 -308.16 N | 210.81 -0.85 -224.27 N | 151.04 5.83 -83.65 N | 152.56 -1.24 -166.63 N | 103.50 -10.86 -208.27 N | 97.14 -25.76 -352.08 N | |
| CALPINE_BP_GT1 23823 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.05 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.95 1.53 -110.03 N | 126.21 0.41 -121.42 N | 117.96 2.00 -94.23 N | 130.04 -4.96 -186.89 N | 262.31 -18.83 -521.67 N | 167.34 -1.04 -181.29 N | 149.36 2.16 -124.40 N | 137.24 8.10 -49.05 N | 211.58 -0.32 -216.04 N | 245.28 -2.24 -275.19 N | 131.55 0.42 -126.59 N | 155.24 12.21 -21.84 N | 214.83 -7.21 -308.16 N | 210.81 -0.85 -224.27 N | 151.04 5.83 -83.65 N | 152.56 -1.24 -166.63 N | 103.50 -10.86 -208.27 N | 97.14 -25.76 -352.08 N | |
| CALSPAN___DRP 24200 | 2.43 0.20 -9.70 N | 3.46 0.22 -15.74 N | 2.98 0.17 -10.54 N | 8.75 0.01 -9.26 N | 10.67 0.20 -18.02 N | 17.05 -0.06 -15.52 N | 31.45 -0.93 -15.00 N | 20.69 -0.24 -16.55 N | 33.03 -1.15 -12.45 N | -26.07 1.77 -24.05 N | -163.56 9.84 -67.13 N | 10.91 0.50 -23.33 N | 37.58 -1.23 -16.01 N | 82.15 -4.26 -6.31 N | 23.89 0.10 -27.93 N | 10.33 0.83 -37.16 N | 20.60 -0.25 -16.31 N | 117.55 -6.43 -2.80 N | -42.42 3.71 -39.99 N | 18.14 0.35 -30.41 N | 70.06 -2.84 -11.34 N | 10.10 0.34 -22.59 N | -62.17 3.50 -28.24 N | -171.49 9.96 -47.73 N | |
| CARR STREET_E_SYR 24060 | -1.03 -0.07 -6.50 N | -2.08 -0.13 -10.55 N | -0.74 -0.07 -7.06 N | 5.69 0.00 -6.21 N | 4.47 -0.07 -12.08 N | 12.01 0.02 -10.40 N | 27.63 0.19 -10.06 N | 15.55 0.08 -11.10 N | 30.41 0.38 -8.31 N | -36.82 -0.89 -15.97 N | -199.80 -3.83 -44.57 N | 2.30 -0.28 -15.49 N | 33.86 0.43 -10.63 N | 85.85 1.56 -4.19 N | 14.33 -0.08 -18.56 N | -7.85 -0.71 -20.52 N | 15.47 0.09 -10.84 N | 125.22 2.17 -1.87 N | -60.47 -1.13 -26.78 N | 7.66 -0.23 -20.51 N | 70.36 1.15 -7.65 N | 2.17 -0.24 -15.24 N | -75.74 -0.88 -19.04 N | -197.96 -0.98 -32.20 N | |
| CARTHAGE___PAPER 23857 | -7.42 0.05 0.00 N | -12.40 0.10 0.00 N | -7.66 0.07 0.00 N | -0.52 0.00 0.00 N | -7.49 0.05 0.00 N | 1.59 0.00 0.00 N | 17.49 0.11 0.00 N | 4.45 0.07 0.00 N | 22.06 0.34 0.00 N | -52.89 -1.00 0.00 N | -244.58 -4.05 0.00 N | -13.11 -0.19 0.00 N | 23.10 0.30 0.00 N | 81.01 0.91 0.00 N | -4.19 -0.05 0.00 N | -27.98 -0.32 0.00 N | 4.58 0.04 0.00 N | 122.52 1.34 0.00 N | -87.00 -0.88 0.00 N | -12.82 -0.20 0.00 N | 62.81 1.24 0.00 N | -13.02 -0.19 0.00 N | -94.03 -0.12 0.00 N | -229.30 -0.12 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 63.01 -0.58 -71.06 N | 101.91 -0.93 -115.33 N | 68.89 -0.58 -77.20 N | 67.28 -0.04 -67.84 N | 123.94 -0.55 -132.04 N | 115.43 0.12 -113.71 N | 128.68 1.40 -109.90 N | 126.02 0.37 -121.28 N | 117.79 1.95 -94.12 N | 130.22 -4.54 -186.66 N | 259.55 -20.94 -521.02 N | 167.01 -1.14 -181.07 N | 149.23 2.19 -124.24 N | 137.08 8.00 -48.98 N | 211.26 -0.37 -215.77 N | 244.68 -2.51 -274.85 N | 131.41 0.45 -126.42 N | 155.23 12.24 -21.81 N | 213.60 -8.05 -307.77 N | 210.36 -1.03 -224.00 N | 150.80 5.69 -83.54 N | 152.43 -1.15 -166.41 N | 105.09 -9.01 -208.01 N | 101.58 -20.89 -351.65 N | |
| CE_MILLWOOD___DRP 24193 | 62.85 -0.57 -70.89 N | 101.65 -0.90 -115.05 N | 68.72 -0.56 -77.01 N | 67.11 -0.04 -67.68 N | 123.63 -0.54 -131.71 N | 115.14 0.12 -113.43 N | 128.37 1.35 -109.63 N | 125.72 0.36 -120.98 N | 117.49 1.89 -93.88 N | 129.90 -4.39 -186.18 N | 259.05 -20.11 -519.69 N | 166.59 -1.10 -180.61 N | 148.85 2.11 -123.93 N | 136.66 7.71 -48.86 N | 210.72 -0.36 -215.23 N | 244.08 -2.43 -274.17 N | 131.07 0.43 -126.10 N | 154.79 11.85 -21.76 N | 213.08 -7.79 -306.99 N | 209.83 -1.00 -223.45 N | 150.42 5.52 -83.34 N | 152.06 -1.11 -166.00 N | 104.86 -8.73 -207.50 N | 101.40 -20.20 -350.78 N | |
| CE_NYC2_DRP 24202 | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.44 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.51 2.32 -124.38 N | 137.68 8.55 -49.04 N | 211.50 -0.37 -216.01 N | 244.91 -2.58 -275.15 N | 131.58 0.47 -126.56 N | 155.96 12.95 -21.84 N | 213.80 -8.19 -308.11 N | 210.60 -1.02 -224.24 N | 151.05 5.86 -83.63 N | 152.59 -1.17 -166.59 N | 104.84 -9.49 -208.24 N | 100.81 -22.04 -352.03 N | |
| CE_NYC_DRP | 63.05 | 101.99 | 68.94 | 67.35 | 124.06 | 115.55 | 128.88 | 126.18 | 118.05 | 130.05 | 258.45 | 167.13 | 149.55 | 137.80 | 211.47 | 244.78 | 131.59 | 156.24 | 213.44 | 210.54 | 151.23 | 152.55 | 104.74 | 100.59 | |

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| 24195 | -0.62 -71.13 N | -0.97 -115.46 N | -0.61 -77.28 N | -0.05 -67.91 N | -0.58 -132.18 N | 0.13 -113.83 N | 1.48 -110.02 N | 0.39 -121.41 N | 2.11 -94.22 N | -4.92 -186.86 N | -22.61 -521.60 N | -1.23 -181.27 N | 2.37 -124.38 N | 8.66 -49.04 N | -0.40 -216.01 N | -2.70 -275.15 N | 0.49 -126.56 N | 13.22 -21.84 N | -8.56 -308.11 N | -1.09 -224.24 N | 6.03 -83.63 N | -1.21 -166.59 N | -9.59 -208.24 N | -22.26 -352.03 N |
| CHAFFEE___LFGE 323603 | 2.86 0.14 -10.19 N | 4.13 0.10 -16.53 N | 3.43 0.10 -11.06 N | 9.22 0.02 -9.72 N | 11.50 0.11 -18.93 N | 17.86 -0.04 -16.30 N | 32.52 -0.62 -15.75 N | 21.62 -0.14 -17.39 N | 34.13 -0.68 -13.08 N | -25.76 0.87 -25.27 N | -164.27 5.73 -70.54 N | 11.86 0.26 -24.51 N | 38.86 -0.76 -16.82 N | 84.19 -2.54 -6.63 N | 25.23 0.03 -29.34 N | 11.77 0.36 -39.07 N | 21.53 -0.15 -17.14 N | 120.10 -4.00 -2.92 N | -41.95 2.41 -41.75 N | 19.26 0.14 -31.74 N | 71.93 -1.47 -11.84 N | 10.87 0.12 -23.58 N | -61.96 2.47 -29.47 N | -171.11 8.24 -49.83 N |
| CHAT_HIGH_FALL_HYD 323578 | -9.53 0.36 2.43 N | -15.79 0.66 3.95 N | -9.97 0.41 2.64 N | -2.82 0.02 2.32 N | -11.67 0.39 4.52 N | -2.38 -0.08 3.89 N | 12.83 -0.79 3.76 N | 0.04 -0.19 4.15 N | 17.42 -0.99 3.31 N | -56.10 2.51 6.72 N | -248.18 11.11 18.76 N | -18.74 0.68 6.52 N | 17.16 -1.17 4.47 N | 74.02 -4.32 1.76 N | -11.66 0.22 7.74 N | -35.82 1.50 9.65 N | -0.23 -0.25 4.53 N | 114.08 -6.32 0.78 N | -92.97 4.06 10.91 N | -19.70 0.58 7.66 N | 55.36 -3.34 2.85 N | -17.80 0.72 5.69 N | -96.16 4.85 7.11 N | -231.29 9.90 12.02 N |
| CH_MIDHUDSON___DRP 24192 | 68.05 -0.58 -76.09 N | 110.08 -0.93 -123.50 N | 74.36 -0.58 -82.67 N | 72.09 -0.04 -72.65 N | 133.29 -0.56 -141.39 N | 123.48 0.12 -121.76 N | 136.44 1.37 -117.68 N | 134.61 0.36 -129.87 N | 124.87 1.91 -101.23 N | 145.09 -4.53 -201.52 N | 301.36 -20.61 -562.50 N | 181.45 -1.13 -195.48 N | 159.09 2.15 -134.14 N | 140.77 7.79 -52.88 N | 228.29 -0.37 -232.81 N | 264.69 -2.48 -294.84 N | 141.59 0.44 -136.62 N | 156.64 11.88 -23.57 N | 237.90 -7.89 -331.90 N | 226.22 -1.04 -239.88 N | 156.65 5.62 -89.47 N | 164.23 -1.14 -178.21 N | 120.11 -8.74 -222.76 N | 127.08 -20.31 -376.57 N |
| CH_MISC_IPPS 23765 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| CH_RES_BVR_FALLS 23983 | -14.53 0.14 7.20 N | -23.95 0.24 11.69 N | -15.42 0.13 7.82 N | -7.39 0.00 6.87 N | -20.82 0.10 13.38 N | -9.95 -0.02 11.52 N | 6.06 -0.18 11.14 N | -7.96 -0.04 12.29 N | 11.75 -0.23 9.74 N | -70.92 0.62 19.65 N | -292.95 2.43 54.85 N | -31.81 0.16 19.06 N | 9.41 -0.30 13.08 N | 73.68 -1.26 5.15 N | -26.73 0.07 22.65 N | -55.23 0.53 28.10 N | -8.78 -0.08 13.24 N | 116.78 -2.11 2.29 N | -116.92 1.22 32.02 N | -35.12 0.19 22.69 N | 52.35 -0.75 8.46 N | -29.50 0.19 16.85 N | -113.69 1.28 21.07 N | -261.80 2.99 35.62 N |
| CH_RES_NIAGARA 23895 | 1.67 0.27 -8.87 N | 2.23 0.33 -14.40 N | 2.16 0.25 -9.64 N | 7.95 0.00 -8.47 N | 9.22 0.28 -16.48 N | 15.71 -0.08 -14.20 N | 29.86 -1.24 -13.72 N | 19.19 -0.33 -15.14 N | 31.50 -1.62 -11.39 N | -27.20 2.69 -22.00 N | -165.14 13.99 -61.40 N | 9.20 0.77 -21.34 N | 35.69 -1.75 -14.64 N | 79.66 -6.21 -5.77 N | 21.58 0.18 -25.54 N | 7.66 1.37 -33.95 N | 19.10 -0.36 -14.92 N | 114.45 -9.30 -2.57 N | -44.40 5.08 -36.64 N | 15.82 0.57 -27.87 N | 67.69 -4.27 -10.39 N | 8.46 0.59 -20.70 N | -63.26 4.77 -25.88 N | -173.46 11.97 -43.75 N |
| CH_RES_SYRACUSE 23985 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N |
| CLINTON_WT_PWR 323605 | -9.59 0.37 2.50 N | -15.89 0.66 4.06 N | -10.03 0.41 2.71 N | -2.88 0.02 2.39 N | -11.79 0.39 4.64 N | -2.49 -0.08 4.00 N | 12.72 -0.80 3.87 N | -0.08 -0.19 4.26 N | 17.33 -0.99 3.40 N | -56.28 2.50 6.89 N | -248.53 11.23 19.23 N | -18.91 0.68 6.68 N | 17.04 -1.17 4.59 N | 73.96 -4.33 1.81 N | -11.86 0.22 7.94 N | -36.04 1.51 9.88 N | -0.35 -0.25 4.64 N | 113.93 -6.45 0.80 N | -93.17 4.14 11.20 N | -19.90 0.59 7.87 N | 55.13 -3.50 2.94 N | -17.93 0.75 5.85 N | -96.17 5.04 7.31 N | -231.06 10.47 12.36 N |
| COLONIE_LFGE___ 323577 | 86.98 -0.41 -94.86 N | 140.77 -0.70 -153.97 N | 94.91 -0.42 -103.06 N | 90.01 -0.03 -90.57 N | 168.31 -0.42 -176.27 N | 153.48 0.09 -151.80 N | 165.11 1.02 -146.71 N | 166.56 0.27 -161.90 N | 151.89 1.35 -128.82 N | 205.34 -3.39 -260.62 N | 471.48 -15.43 -727.44 N | 239.10 -0.80 -252.81 N | 197.66 1.39 -173.47 N | 153.41 4.92 -68.39 N | 295.81 -0.26 -300.21 N | 341.32 -1.81 -370.79 N | 183.07 0.27 -178.26 N | 159.18 7.25 -30.76 N | 336.83 -5.52 -428.46 N | 285.36 -0.77 -298.75 N | 176.88 3.89 -111.42 N | 208.31 -0.81 -221.94 N | 177.82 -5.70 -277.43 N | 226.24 -13.57 -468.99 N |
| CORNELL_____ 23752 | 4.52 -0.15 -12.14 N | 6.88 -0.32 -19.70 N | 5.27 -0.18 -13.19 N | 11.06 0.00 -11.59 N | 14.82 -0.19 -22.55 N | 21.07 0.06 -19.42 N | 36.66 0.51 -18.77 N | 25.32 0.23 -20.72 N | 38.04 0.76 -15.55 N | -23.59 -1.67 -29.97 N | -163.76 -6.90 -83.67 N | 15.39 -0.78 -29.08 N | 43.77 1.01 -19.95 N | 90.11 2.15 -7.87 N | 30.58 -0.10 -34.82 N | 16.69 -1.58 -45.94 N | 25.12 0.21 -20.37 N | 127.43 2.72 -3.52 N | -36.91 -1.17 -50.38 N | 25.22 -0.59 -38.43 N | 77.79 1.90 -14.33 N | 15.19 -0.52 -28.55 N | -61.07 -2.85 -35.68 N | -173.18 -4.33 -60.32 N |
| COXSACKIE___GT 23611 | 72.92 -0.68 -81.06 N | 117.94 -1.14 -131.57 N | 79.62 -0.71 -88.07 N | 76.82 -0.05 -77.39 N | 142.38 -0.70 -150.62 N | 131.46 0.15 -129.72 N | 144.46 1.70 -125.37 N | 143.19 0.46 -138.35 N | 132.22 2.36 -108.14 N | 158.23 -5.63 -215.75 N | 335.80 -25.90 -602.23 N | 195.00 -1.38 -209.29 N | 168.96 2.55 -143.61 N | 145.93 9.21 -56.62 N | 244.56 -0.45 -249.16 N | 283.78 -3.02 -314.47 N | 151.49 0.52 -146.43 N | 160.38 13.94 -25.27 N | 259.69 -9.44 -355.25 N | 241.62 -1.31 -255.55 N | 163.73 6.86 -95.31 N | 175.64 -1.38 -189.85 N | 133.79 -9.62 -237.31 N | 149.54 -22.47 -401.18 N |
| CRESCENT___HYD 24018 | 86.98 -0.41 -94.86 N | 140.77 -0.70 -153.97 N | 94.91 -0.42 -103.06 N | 90.01 -0.03 -90.57 N | 168.31 -0.42 -176.27 N | 153.48 0.09 -151.80 N | 165.11 1.02 -146.71 N | 166.56 0.27 -161.90 N | 151.89 1.35 -128.82 N | 205.34 -3.39 -260.62 N | 471.48 -15.43 -727.44 N | 239.10 -0.80 -252.81 N | 197.66 1.39 -173.47 N | 153.41 4.92 -68.39 N | 295.81 -0.26 -300.21 N | 341.32 -1.81 -370.79 N | 183.07 0.27 -178.26 N | 159.18 7.25 -30.76 N | 336.83 -5.52 -428.46 N | 285.36 -0.77 -298.75 N | 176.88 3.89 -111.42 N | 208.31 -0.81 -221.94 N | 177.82 -5.70 -277.43 N | 226.24 -13.57 -468.99 N |
| CRUCIBLE_METL_DRP 24180 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| DANSKAMMER___1 23586 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| DANSKAMMER___2 23589 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| DANSKAMMER___3 23590 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| DANSKAMMER___4 23591 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| DANSKAMMER___DIESEL 23592 | 65.11 -0.58 -73.15 N | 105.31 -0.92 -118.73 N | 71.17 -0.57 -79.47 N | 69.28 -0.04 -69.84 N | 127.83 -0.56 -135.93 N | 118.78 0.12 -117.06 N | 131.90 1.38 -113.14 N | 129.60 0.37 -124.85 N | 120.77 1.94 -97.11 N | 136.49 -4.58 -192.96 N | 277.39 -20.72 -538.64 N | 173.14 -1.14 -187.19 N | 153.42 2.17 -128.45 N | 138.62 7.88 -50.64 N | 218.48 -0.38 -223.00 N | 253.06 -2.51 -283.23 N | 135.75 0.44 -130.77 N | 155.83 12.09 -22.56 N | 223.92 -7.97 -318.01 N | 216.95 -1.04 -230.61 N | 153.30 5.73 -86.01 N | 157.33 -1.16 -171.32 N | 111.41 -8.83 -214.15 N | 112.41 -20.43 -362.02 N |
| DASHVILLE___HYD 23610 | 65.78 -0.66 -73.91 N | 106.40 -1.06 -119.96 N | 71.92 -0.64 -80.29 N | 70.00 -0.04 -70.56 N | 129.18 -0.61 -137.33 N | 120.00 0.13 -118.27 N | 133.22 1.53 -114.31 N | 130.92 0.40 -126.14 N | 121.94 2.12 -98.09 N | 138.06 -4.93 -194.88 N | 280.60 -22.84 -543.98 N | 174.84 -1.30 -189.05 N | 154.97 2.45 -129.72 N | 140.12 8.87 -51.14 N | 220.65 -0.42 -225.22 N | 255.64 -2.85 -286.16 N | 137.16 0.51 -132.12 N | 157.64 13.66 -22.80 N | 226.06 -9.09 -321.27 N | 219.19 -1.18 -232.99 N | 154.74 6.28 -86.90 N | 158.99 -1.27 -173.09 N | 112.80 -9.66 -216.36 N | 114.11 -22.47 -365.76 N |
| DOGLEVILLE___HYD 23807 | -12.04 -0.37 4.21 N | -19.97 -0.65 6.82 N | -12.70 -0.40 4.57 N | -4.58 -0.04 4.02 N | -15.76 -0.40 7.81 N | -5.05 0.09 6.73 N | 11.83 0.95 6.50 N | -2.54 0.26 7.18 N | 17.39 1.39 5.72 N | -67.75 -4.28 11.58 N | -298.34 -25.48 32.33 N | -25.73 -1.59 11.24 N | 17.76 2.67 7.71 N | 86.80 9.74 3.04 N | -18.15 -0.67 13.34 N | -46.10 -1.73 16.71 N | -2.98 0.28 7.80 N | 127.40 7.56 1.35 N | -110.12 -5.17 18.83 N | -26.61 -0.74 13.25 N | 60.61 3.99 4.94 N | -23.50 -0.83 9.84 N | -111.31 -5.10 12.30 N | -262.19 -12.22 20.80 N |
| DUNKIRK___1 23563 | 4.30 0.41 -11.35 N | 6.43 0.51 -18.43 N | 4.92 0.32 -12.33 N | 10.38 0.06 -10.84 N | 13.85 0.29 -21.10 N | 19.69 -0.06 -18.17 N | 34.02 -0.92 -17.56 N | 23.54 -0.22 -19.38 N | 35.13 -1.17 -14.59 N | -20.66 3.06 -28.18 N | -146.24 15.64 -78.66 N | 15.01 0.58 -27.34 N | 40.28 -1.28 -18.76 N | 83.30 -4.19 -7.39 N | 28.77 0.19 -32.72 N | 17.10 1.15 -43.62 N | 23.42 -0.23 -19.11 N | 118.38 -6.08 -3.28 N | -33.41 5.91 -46.80 N | 23.60 0.65 -35.56 N | 71.82 -3.01 -13.27 N | 14.12 0.53 -26.42 N | -55.31 5.57 -33.03 N | -154.32 19.02 -55.83 N |
| DUNKIRK___2 23564 | 4.30 0.41 -11.35 N | 6.43 0.51 -18.43 N | 4.92 0.32 -12.33 N | 10.38 0.06 -10.84 N | 13.85 0.29 -21.10 N | 19.69 -0.06 -18.17 N | 34.02 -0.92 -17.56 N | 23.54 -0.22 -19.38 N | 35.13 -1.17 -14.59 N | -20.66 3.06 -28.18 N | -146.24 15.64 -78.66 N | 15.01 0.58 -27.34 N | 40.28 -1.28 -18.76 N | 83.30 -4.19 -7.39 N | 28.77 0.19 -32.72 N | 17.10 1.15 -43.62 N | 23.42 -0.23 -19.11 N | 118.38 -6.08 -3.28 N | -33.41 5.91 -46.80 N | 23.60 0.65 -35.56 N | 71.82 -3.01 -13.27 N | 14.12 0.53 -26.42 N | -55.31 5.57 -33.03 N | -154.32 19.02 -55.83 N |
| DUNKIRK___3 23565 | 4.31 0.35 -11.42 N | 6.45 0.41 -18.54 N | 4.94 0.26 -12.41 N | 10.44 0.05 -10.90 N | 13.93 0.25 -21.22 N | 19.81 -0.06 -18.28 N | 34.23 -0.82 -17.66 N | 23.67 -0.20 -19.49 N | 35.34 -1.06 -14.67 N | -20.84 2.70 -28.35 N | -147.65 13.75 -79.14 N | 15.11 0.52 -27.50 N | 40.51 -1.17 -18.87 N | 83.80 -3.74 -7.44 N | 28.94 0.17 -32.92 N | 17.21 0.99 -43.89 N | 23.56 -0.21 -19.22 N | 119.04 -5.45 -3.30 N | -33.74 5.22 -47.16 N | 23.77 0.55 -35.84 N | 72.26 -2.67 -13.37 N | 14.24 0.45 -26.62 N | -55.66 4.96 -33.28 N | -155.65 17.27 -56.26 N |
| DUNKIRK___4 23566 | 4.31 0.35 -11.42 N | 6.45 0.41 -18.54 N | 4.94 0.26 -12.41 N | 10.44 0.05 -10.90 N | 13.93 0.25 -21.22 N | 19.81 -0.06 -18.28 N | 34.23 -0.82 -17.66 N | 23.67 -0.20 -19.49 N | 35.34 -1.06 -14.67 N | -20.84 2.70 -28.35 N | -147.65 13.75 -79.14 N | 15.11 0.52 -27.50 N | 40.51 -1.17 -18.87 N | 83.80 -3.74 -7.44 N | 28.94 0.17 -32.92 N | 17.21 0.99 -43.89 N | 23.56 -0.21 -19.22 N | 119.04 -5.45 -3.30 N | -33.74 5.22 -47.16 N | 23.77 0.55 -35.84 N | 72.26 -2.67 -13.37 N | 14.24 0.45 -26.62 N | -55.66 4.96 -33.28 N | -155.65 17.27 -56.26 N |
| EAST HAMPTON___GT 23717 | 62.53 -1.15 -71.15 N | 101.16 -1.82 -115.48 N | 68.43 -1.13 -77.29 N | 67.33 -0.07 -67.93 N | 123.56 -1.09 -132.19 N | 115.68 0.24 -113.85 N | 130.13 2.72 -110.03 N | 126.57 0.77 -121.42 N | 119.52 3.57 -94.23 N | 126.52 -8.48 -186.89 N | 247.57 -33.57 -521.67 N | 166.50 -1.89 -181.29 N | 150.92 3.72 -124.40 N | 142.91 13.76 -49.05 N | 211.32 -0.58 -216.04 N | 243.63 -3.90 -275.19 N | 131.84 0.73 -126.57 N | 163.16 20.14 -21.84 N | 209.71 -12.32 -308.16 N | 210.15 -1.51 -224.27 N | 155.58 10.37 -83.64 N | 151.66 -2.10 -166.59 N | 97.32 -17.04 -208.27 N | 81.63 -41.27 -352.08 N |
| EAST RIVER___6 23660 | 63.05 -0.62 -71.13 N | 101.99 -0.96 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.88 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.11 -94.22 N | 130.06 -4.91 -186.86 N | 258.45 -22.61 -521.60 N | 167.13 -1.23 -181.27 N | 149.55 2.37 -124.38 N | 137.85 8.71 -49.04 N | 211.46 -0.40 -216.01 N | 244.77 -2.71 -275.15 N | 131.59 0.49 -126.56 N | 156.28 13.26 -21.84 N | 213.44 -8.56 -308.11 N | 210.54 -1.09 -224.24 N | 151.24 6.05 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.83 -22.02 -352.03 N |
| EAST RIVER___7 23524 | 63.05 -0.62 -71.13 N | 101.99 -0.96 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.88 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.11 -94.22 N | 130.06 -4.91 -186.86 N | 258.45 -22.61 -521.60 N | 167.13 -1.23 -181.27 N | 149.55 2.37 -124.38 N | 137.85 8.71 -49.04 N | 211.46 -0.40 -216.01 N | 244.77 -2.71 -275.15 N | 131.59 0.49 -126.56 N | 156.28 13.26 -21.84 N | 213.44 -8.56 -308.11 N | 210.54 -1.09 -224.24 N | 151.24 6.05 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.83 -22.02 -352.03 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 | 62.53 -1.15 -71.15 N | 101.16 -1.82 -115.48 N | 68.43 -1.13 -77.29 N | 67.33 -0.07 -67.93 N | 123.56 -1.09 -132.19 N | 115.68 0.24 -113.85 N | 130.13 2.72 -110.03 N | 126.57 0.77 -121.42 N | 119.52 3.57 -94.23 N | 126.52 -8.48 -186.89 N | 247.57 -33.57 -521.67 N | 166.50 -1.89 -181.29 N | 150.92 3.72 -124.40 N | 142.91 13.76 -49.05 N | 211.32 -0.58 -216.04 N | 243.63 -3.90 -275.19 N | 131.84 0.73 -126.57 N | 163.16 20.14 -21.84 N | 209.71 -12.32 -308.16 N | 210.15 -1.51 -224.27 N | 155.58 10.37 -83.64 N | 151.66 -2.10 -166.59 N | 97.32 -17.04 -208.27 N | 81.63 -41.27 -352.08 N | |
| EAST_RIVER___1 323558 | 63.05 -0.62 -71.13 N | 101.99 -0.97 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.55 0.13 -113.83 N | 128.88 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.11 -94.22 N | 130.05 -4.92 -186.86 N | 258.45 -22.61 -521.60 N | 167.13 -1.23 -181.27 N | 149.55 2.37 -124.38 N | 137.80 8.66 -49.04 N | 211.47 -0.40 -216.01 N | 244.78 -2.70 -275.15 N | 131.59 0.49 -126.56 N | 156.24 13.22 -21.84 N | 213.44 -8.56 -308.11 N | 210.54 -1.09 -224.24 N | 151.23 6.03 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.26 -352.03 N | |
| EAST_RIVER___2 323559 | 63.05 -0.62 -71.13 N | 101.99 -0.96 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.88 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.11 -94.22 N | 130.06 -4.91 -186.86 N | 258.45 -22.61 -521.60 N | 167.13 -1.23 -181.27 N | 149.55 2.37 -124.38 N | 137.85 8.71 -49.04 N | 211.46 -0.40 -216.01 N | 244.77 -2.71 -275.15 N | 131.59 0.49 -126.56 N | 156.28 13.26 -21.84 N | 213.44 -8.56 -308.11 N | 210.54 -1.09 -224.24 N | 151.24 6.05 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.83 -22.02 -352.03 N | |
| EAST___DELAWARE_HYD 23607 | 53.96 -0.53 -61.96 N | 87.17 -0.89 -100.56 N | 59.01 -0.56 -67.31 N | 58.59 -0.04 -59.15 N | 107.03 -0.56 -115.12 N | 100.86 0.12 -99.14 N | 114.57 1.37 -95.82 N | 110.47 0.35 -105.74 N | 104.83 1.25 -81.86 N | 108.18 -1.95 -162.02 N | 202.72 -8.99 -452.25 N | 143.73 -0.52 -157.17 N | 131.65 1.00 -107.85 N | 126.38 3.77 -42.52 N | 183.04 -0.17 -187.36 N | 210.74 -1.15 -239.55 N | 114.64 0.30 -109.80 N | 148.72 8.59 -18.95 N | 173.93 -7.47 -267.51 N | 181.66 -1.03 -195.31 N | 140.07 5.67 -72.84 N | 131.12 -1.15 -145.10 N | 79.17 -8.29 -181.37 N | 58.43 -19.00 -306.61 N | |
| ELEC_TRO_TEK 24086 | 63.06 -0.62 -71.15 N | 102.01 -0.97 -115.48 N | 68.96 -0.60 -77.29 N | 67.36 -0.04 -67.93 N | 124.09 -0.56 -132.19 N | 115.56 0.12 -113.85 N | 128.83 1.41 -110.03 N | 126.17 0.37 -121.42 N | 117.85 1.90 -94.23 N | 129.87 -5.12 -186.89 N | 261.81 -19.33 -521.67 N | 167.31 -1.08 -181.29 N | 149.38 2.18 -124.40 N | 137.25 8.11 -49.05 N | 211.57 -0.33 -216.04 N | 245.20 -2.33 -275.19 N | 131.56 0.43 -126.58 N | 155.30 12.28 -21.84 N | 214.64 -7.40 -308.16 N | 210.77 -0.88 -224.27 N | 150.93 5.72 -83.65 N | 152.63 -1.16 -166.62 N | 104.52 -9.84 -208.27 N | 99.77 -23.13 -352.08 N | |
| ELLENBURG_WT_PWR 323604 | -9.59 0.37 2.50 N | -15.89 0.66 4.06 N | -10.03 0.41 2.71 N | -2.88 0.02 2.39 N | -11.79 0.39 4.64 N | -2.49 -0.08 4.00 N | 12.72 -0.80 3.87 N | -0.08 -0.19 4.26 N | 17.33 -0.99 3.40 N | -56.28 2.50 6.89 N | -248.53 11.23 19.23 N | -18.91 0.68 6.68 N | 17.04 -1.17 4.59 N | 73.96 -4.33 1.81 N | -11.86 0.22 7.94 N | -36.04 1.51 9.88 N | -0.35 -0.25 4.64 N | 113.93 -6.45 0.80 N | -93.17 4.14 11.20 N | -19.90 0.59 7.87 N | 55.13 -3.50 2.94 N | -17.93 0.75 5.85 N | -96.17 5.04 7.31 N | -231.06 10.47 12.36 N | |
| E_CANADA_CAP_HY 24051 | 121.06 -0.24 -128.77 N | 196.14 -0.36 -209.00 N | 131.94 -0.22 -139.89 N | 122.42 0.00 -122.93 N | 231.50 -0.23 -239.26 N | 207.70 0.06 -206.05 N | 217.27 0.74 -199.15 N | 224.40 0.26 -219.77 N | 196.18 1.05 -173.41 N | 292.59 -4.21 -348.69 N | 720.67 -12.14 -973.34 N | 324.82 -0.53 -338.26 N | 255.91 1.00 -232.11 N | 175.18 3.57 -91.51 N | 397.86 -0.16 -402.17 N | 472.86 -0.98 -501.51 N | 242.01 0.18 -237.29 N | 166.64 4.51 -40.95 N | 483.90 -3.09 -573.12 N | 392.90 -0.50 -406.02 N | 216.54 3.54 -151.44 N | 288.20 -0.61 -301.64 N | 279.37 -3.77 -377.05 N | 400.18 -8.05 -637.40 N | |
| E_CANADA_MHWK_HY 24050 | -12.04 -0.37 4.21 N | -19.97 -0.65 6.82 N | -12.70 -0.40 4.57 N | -4.58 -0.04 4.02 N | -15.76 -0.40 7.81 N | -5.05 0.09 6.73 N | 11.83 0.95 6.50 N | -2.54 0.26 7.18 N | 17.39 1.39 5.72 N | -67.75 -4.28 11.58 N | -298.34 -25.48 32.33 N | -25.73 -1.59 11.24 N | 17.76 2.67 7.71 N | 86.80 9.74 3.04 N | -18.15 -0.67 13.34 N | -46.10 -1.73 16.71 N | -2.98 0.28 7.80 N | 127.40 7.56 1.35 N | -110.12 -5.17 18.83 N | -26.61 -0.74 13.25 N | 60.61 3.99 4.94 N | -23.50 -0.83 9.84 N | -111.31 -5.10 12.30 N | -262.19 -12.22 20.80 N | |
| E_FISHKILL___LBMP 23776 | 64.61 -0.54 -72.62 N | 104.50 -0.87 -117.87 N | 70.62 -0.54 -78.89 N | 68.77 -0.04 -69.33 N | 126.87 -0.52 -134.94 N | 117.91 0.12 -116.21 N | 130.97 1.27 -112.31 N | 128.65 0.33 -123.94 N | 119.70 1.76 -96.22 N | 134.83 -4.15 -190.88 N | 273.23 -19.03 -532.80 N | 171.21 -1.04 -185.16 N | 151.82 1.97 -127.05 N | 137.36 7.17 -50.09 N | 216.15 -0.34 -220.64 N | 250.96 -2.29 -280.91 N | 134.22 0.41 -129.28 N | 154.49 11.00 -22.31 N | 221.28 -7.28 -314.69 N | 215.34 -0.96 -228.92 N | 152.13 5.19 -85.38 N | 156.19 -1.05 -170.07 N | 110.49 -8.19 -212.58 N | 111.26 -18.93 -359.37 N | |
| FAR ROCKAWAY___4 23548 | 62.94 -0.74 -71.15 N | 101.83 -1.15 -115.48 N | 68.85 -0.71 -77.29 N | 67.36 -0.04 -67.93 N | 124.00 -0.66 -132.19 N | 115.58 0.15 -113.85 N | 129.07 1.66 -110.03 N | 126.24 0.44 -121.42 N | 118.26 2.30 -94.23 N | 128.82 -6.17 -186.89 N | 257.58 -23.56 -521.67 N | 167.06 -1.33 -181.29 N | 149.86 2.66 -124.40 N | 139.00 9.86 -49.05 N | 211.48 -0.42 -216.04 N | 244.65 -2.87 -275.19 N | 131.79 0.53 -126.72 N | 157.84 14.81 -21.84 N | 213.02 -9.02 -308.16 N | 210.55 -1.11 -224.27 N | 152.35 7.11 -83.68 N | 152.72 -1.45 -167.00 N | 102.57 -11.79 -208.27 N | 95.29 -27.61 -352.08 N | |
| FARRAGUT___LBMP 323566 | 63.06 -0.61 -71.13 N | 102.01 -0.95 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.05 -94.22 N | 130.12 -4.85 -186.86 N | 258.95 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.56 8.43 -49.04 N | 211.47 -0.39 -216.01 N | 244.86 -2.63 -275.15 N | 131.57 0.47 -126.56 N | 155.92 12.90 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N | |
| FENNER___WINDPWR 24204 | -5.15 -0.16 -2.47 N | -8.77 -0.28 -4.01 N | -5.21 -0.17 -2.69 N | 1.83 -0.01 -2.36 N | -3.12 -0.17 -4.59 N | 5.59 0.04 -3.96 N | 21.73 0.53 -3.82 N | 8.78 0.18 -4.22 N | 25.56 0.83 -3.01 N | -48.35 -1.99 -5.54 N | -233.88 -8.80 -15.45 N | -8.11 -0.57 -5.37 N | 27.39 0.90 -3.69 N | 84.52 2.97 -1.45 N | 2.19 -0.15 -6.49 N | -23.32 -1.17 -5.50 N | 8.53 0.20 -3.79 N | 126.10 4.27 -0.66 N | -79.15 -2.60 -9.56 N | -5.29 -0.50 -7.82 N | 66.61 2.13 -2.92 N | -7.47 -0.46 -5.81 N | -88.95 -2.31 -7.26 N | -221.65 -4.75 -12.28 N | |
| FIBERTEK___ENERGY 23856 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N | |
| FITZPATRICK___ | -3.96 | -6.81 | -3.93 | 2.71 | -1.13 | 6.97 | 22.27 | 10.07 | 25.68 | -42.71 | -213.17 | -4.61 | 27.95 | 80.86 | 5.62 | -14.12 | 10.12 | 119.88 | -70.61 | -1.76 | 64.43 | -4.70 | -82.17 | -207.51 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 23598 | 0.13 -3.38 N | 0.20 -5.49 N | 0.13 -3.67 N | 0.01 -3.23 N | 0.13 -6.28 N | -0.03 -5.41 N | -0.34 -5.23 N | -0.08 -5.77 N | -0.37 -4.33 N | 0.83 -8.35 N | 4.06 -23.31 N | 0.20 -8.10 N | -0.41 -5.56 N | -1.43 -2.19 N | 0.06 -9.70 N | 0.43 -13.11 N | -0.08 -5.66 N | -2.27 -0.98 N | 1.54 -13.97 N | 0.21 -10.65 N | -1.10 -3.97 N | 0.21 -7.92 N | 1.85 -9.89 N | 4.94 -16.73 N |
| FORT ORANGE____ 23900 | 84.04 -0.48 -91.98 N | 135.99 -0.81 -149.29 N | 91.70 -0.50 -99.93 N | 87.26 -0.03 -87.81 N | 162.88 -0.49 -170.91 N | 148.88 0.10 -147.19 N | 160.77 1.14 -142.26 N | 161.66 0.30 -156.98 N | 147.53 1.52 -124.29 N | 195.01 -3.70 -250.60 N | 441.86 -17.13 -699.52 N | 229.29 -0.90 -243.10 N | 191.28 1.67 -166.81 N | 151.78 5.92 -65.77 N | 284.45 -0.30 -288.90 N | 328.94 -1.99 -358.60 N | 175.37 0.34 -170.49 N | 159.49 8.89 -29.42 N | 318.78 -6.36 -411.26 N | 276.52 -0.84 -289.97 N | 173.96 4.25 -108.15 N | 201.73 -0.86 -215.43 N | 169.14 -6.23 -269.28 N | 211.59 -14.45 -455.22 N |
| FORT_DRUM_COGEN 23780 | -7.45 0.02 0.00 N | -12.45 0.05 0.00 N | -7.69 0.04 0.00 N | -0.52 0.00 0.00 N | -7.52 0.02 0.00 N | 1.60 0.01 0.00 N | 17.58 0.20 0.00 N | 4.48 0.10 0.00 N | 22.21 0.49 0.00 N | -53.25 -1.36 0.00 N | -246.27 -5.73 0.00 N | -13.20 -0.29 0.00 N | 23.25 0.45 0.00 N | 81.56 1.47 0.00 N | -4.22 -0.07 0.00 N | -28.18 -0.52 0.00 N | 4.61 0.07 0.00 N | 123.30 2.13 0.00 N | -87.52 -1.40 0.00 N | -12.90 -0.28 0.00 N | 63.24 1.68 0.00 N | -13.10 -0.27 0.00 N | -94.47 -0.57 0.00 N | -230.21 -1.03 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 62.94 -0.74 -71.15 N | 101.83 -1.15 -115.48 N | 68.85 -0.71 -77.29 N | 67.36 -0.04 -67.93 N | 124.00 -0.66 -132.19 N | 115.58 0.15 -113.85 N | 129.07 1.66 -110.03 N | 126.24 0.44 -121.42 N | 118.26 2.30 -94.23 N | 128.82 -6.17 -186.89 N | 257.58 -23.56 -521.67 N | 167.06 -1.33 -181.29 N | 149.86 2.66 -124.40 N | 139.00 9.86 -49.05 N | 211.48 -0.42 -216.04 N | 244.65 -2.87 -275.19 N | 131.79 0.53 -126.72 N | 157.84 14.81 -21.84 N | 213.02 -9.02 -308.16 N | 210.55 -1.11 -224.27 N | 152.35 7.11 -83.68 N | 152.72 -1.45 -167.00 N | 102.57 -11.79 -208.27 N | 95.29 -27.61 -352.08 N |
| FPL_FAR_ROCK_GT2 23815 | 62.94 -0.74 -71.15 N | 101.83 -1.15 -115.48 N | 68.85 -0.71 -77.29 N | 67.36 -0.04 -67.93 N | 124.00 -0.66 -132.19 N | 115.58 0.15 -113.85 N | 129.07 1.66 -110.03 N | 126.24 0.44 -121.42 N | 118.26 2.30 -94.23 N | 128.82 -6.17 -186.89 N | 257.58 -23.56 -521.67 N | 167.06 -1.33 -181.29 N | 149.86 2.66 -124.40 N | 139.00 9.86 -49.05 N | 211.48 -0.42 -216.04 N | 244.65 -2.87 -275.19 N | 131.79 0.53 -126.72 N | 157.84 14.81 -21.84 N | 213.02 -9.02 -308.16 N | 210.55 -1.11 -224.27 N | 152.35 7.11 -83.68 N | 152.72 -1.45 -167.00 N | 102.57 -11.79 -208.27 N | 95.29 -27.61 -352.08 N |
| FRANKLIN_FALL_HYD 24054 | -9.41 0.34 2.27 N | -15.57 0.62 3.69 N | -9.81 0.39 2.47 N | -2.67 0.03 2.17 N | -11.40 0.37 4.22 N | -2.12 -0.07 3.64 N | 13.17 -0.70 3.51 N | 0.36 -0.13 3.88 N | 17.87 -0.74 3.11 N | -56.37 1.86 6.33 N | -249.72 8.47 17.66 N | -18.51 0.54 6.14 N | 17.66 -0.93 4.21 N | 74.96 -3.48 1.66 N | -11.25 0.18 7.28 N | -35.53 1.24 9.11 N | 0.08 -0.20 4.26 N | 115.30 -5.15 0.73 N | -93.02 3.35 10.26 N | -19.32 0.45 7.16 N | 56.37 -2.52 2.67 N | -17.56 0.58 5.32 N | -96.48 4.08 6.65 N | -232.11 8.31 11.24 N |
| FREEPORT_EQUS_GT1 23764 | 63.02 -0.66 -71.15 N | 101.95 -1.03 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.06 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.93 1.52 -110.03 N | 126.20 0.40 -121.42 N | 117.98 2.02 -94.23 N | 129.64 -5.35 -186.89 N | 261.06 -20.08 -521.67 N | 167.24 -1.14 -181.29 N | 149.52 2.32 -124.40 N | 137.81 8.67 -49.05 N | 211.54 -0.36 -216.04 N | 245.07 -2.45 -275.19 N | 131.60 0.46 -126.61 N | 156.09 13.06 -21.84 N | 214.22 -7.82 -308.16 N | 210.71 -0.94 -224.27 N | 151.47 6.25 -83.65 N | 152.57 -1.28 -166.68 N | 103.60 -10.76 -208.27 N | 97.59 -25.31 -352.08 N |
| FULTON COGEN____ 23766 | -2.13 -0.05 -5.39 N | -3.84 -0.09 -8.76 N | -1.91 -0.04 -5.86 N | 4.63 0.00 -5.15 N | 2.45 -0.04 -10.02 N | 10.23 0.01 -8.63 N | 25.88 0.16 -8.34 N | 13.67 0.08 -9.21 N | 29.05 0.45 -6.88 N | -39.85 -1.18 -13.22 N | -208.89 -5.26 -36.91 N | -0.43 -0.35 -12.83 N | 32.14 0.54 -8.80 N | 85.47 1.90 -3.47 N | 11.12 -0.11 -15.37 N | -9.83 -0.68 -18.51 N | 13.61 0.09 -8.98 N | 125.03 2.30 -1.55 N | -65.33 -1.39 -22.18 N | 4.14 -0.25 -17.01 N | 69.15 1.24 -6.35 N | -0.44 -0.25 -12.64 N | -78.91 -0.80 -15.80 N | -203.46 -1.00 -26.71 N |
| Freeport____CT2 23818 | 63.02 -0.66 -71.15 N | 101.95 -1.03 -115.48 N | 68.92 -0.64 -77.29 N | 67.37 -0.04 -67.93 N | 124.06 -0.60 -132.19 N | 115.57 0.13 -113.85 N | 128.93 1.52 -110.03 N | 126.20 0.40 -121.42 N | 117.98 2.02 -94.23 N | 129.64 -5.35 -186.89 N | 261.06 -20.08 -521.67 N | 167.24 -1.14 -181.29 N | 149.52 2.32 -124.40 N | 137.81 8.67 -49.05 N | 211.54 -0.36 -216.04 N | 245.07 -2.45 -275.19 N | 131.60 0.46 -126.61 N | 156.09 13.06 -21.84 N | 214.22 -7.82 -308.16 N | 210.71 -0.94 -224.27 N | 151.47 6.25 -83.65 N | 152.57 -1.28 -166.68 N | 103.60 -10.76 -208.27 N | 97.59 -25.31 -352.08 N |
| G.F.CEMENT____DRP 24184 | 90.43 -0.18 -98.08 N | 146.34 -0.35 -159.19 N | 98.60 -0.22 -106.55 N | 93.09 -0.03 -93.64 N | 174.46 -0.24 -182.24 N | 158.59 0.05 -156.95 N | 169.74 0.67 -151.69 N | 171.93 0.16 -167.39 N | 155.69 0.89 -133.07 N | 215.10 -2.13 -269.14 N | 500.90 -9.81 -751.24 N | 247.78 -0.38 -261.08 N | 202.61 0.66 -179.14 N | 152.88 2.16 -70.63 N | 305.78 -0.15 -310.08 N | 357.73 -0.89 -386.29 N | 192.53 0.10 -187.89 N | 155.85 2.25 -32.42 N | 360.82 -2.10 -449.04 N | 296.05 -0.42 -309.09 N | 179.56 2.72 -115.28 N | 216.26 -0.54 -229.63 N | 189.01 -4.11 -287.03 N | 246.20 -9.85 -485.23 N |
| GARDENVILLE____LBMP 24039 | 2.46 0.22 -9.71 N | 3.50 0.25 -15.76 N | 3.01 0.19 -10.55 N | 8.76 0.02 -9.27 N | 10.70 0.21 -18.04 N | 17.07 -0.06 -15.53 N | 31.47 -0.92 -15.01 N | 20.71 -0.24 -16.57 N | 33.03 -1.16 -12.47 N | -25.90 1.92 -24.08 N | -162.76 10.56 -67.21 N | 10.96 0.51 -23.36 N | 37.57 -1.25 -16.03 N | 82.12 -4.30 -6.32 N | 23.93 0.11 -27.96 N | 10.42 0.88 -37.21 N | 20.62 -0.25 -16.33 N | 117.44 -6.55 -2.81 N | -42.05 3.97 -40.09 N | 18.26 0.40 -30.48 N | 69.98 -2.95 -11.37 N | 10.20 0.38 -22.65 N | -61.69 3.91 -28.31 N | -170.07 11.25 -47.86 N |
| GENERAL____MILLS 23808 | 2.43 0.20 -9.70 N | 3.46 0.22 -15.74 N | 2.98 0.17 -10.54 N | 8.75 0.01 -9.26 N | 10.67 0.20 -18.02 N | 17.05 -0.06 -15.52 N | 31.45 -0.93 -15.00 N | 20.69 -0.24 -16.55 N | 33.03 -1.15 -12.45 N | -26.07 1.77 -24.05 N | -163.56 9.84 -67.13 N | 10.91 0.50 -23.33 N | 37.58 -1.23 -16.01 N | 82.15 -4.26 -6.31 N | 23.89 0.10 -27.93 N | 10.33 0.83 -37.16 N | 20.60 -0.25 -16.31 N | 117.55 -6.43 -2.80 N | -42.42 3.71 -39.99 N | 18.14 0.35 -30.41 N | 70.06 -2.84 -11.34 N | 10.10 0.34 -22.59 N | -62.17 3.50 -28.24 N | -171.49 9.96 -47.73 N |
| GE_PLASTICS____DRP 24183 | 84.70 -0.36 -92.53 N | 137.08 -0.61 -150.19 N | 92.41 -0.38 -100.53 N | 87.80 -0.03 -88.34 N | 164.02 -0.37 -171.93 N | 149.74 0.08 -148.07 N | 161.31 0.82 -143.11 N | 162.52 0.21 -157.93 N | 147.24 1.11 -124.40 N | 195.31 -2.60 -249.80 N | 444.44 -12.32 -697.29 N | 228.78 -0.64 -242.33 N | 190.30 1.22 -166.28 N | 150.00 4.34 -65.56 N | 283.82 -0.21 -288.17 N | 331.01 -1.39 -360.07 N | 174.64 0.25 -169.85 N | 156.99 6.50 -29.31 N | 319.84 -4.64 -410.59 N | 278.49 -0.61 -291.72 N | 173.45 3.09 -108.80 N | 203.26 -0.64 -216.72 N | 172.27 -4.73 -270.90 N | 217.90 -10.88 -457.96 N |
| GILBOA____I 23756 | 61.33 -0.43 -69.23 N | 99.13 -0.73 -112.36 N | 67.02 -0.45 -75.21 N | 65.54 -0.03 -66.09 N | 120.65 -0.43 -128.63 N | 112.45 0.08 -110.78 N | 125.30 0.85 -107.06 N | 122.75 0.23 -118.15 N | 111.31 1.20 -88.39 N | 115.46 -2.47 -169.82 N | 221.40 -12.10 -474.03 N | 151.18 -0.65 -164.74 N | 137.11 1.27 -113.04 N | 129.25 4.59 -44.57 N | 193.04 -0.21 -197.39 N | 235.74 -1.33 -264.74 N | 119.94 0.26 -115.14 N | 148.03 6.98 -19.87 N | 193.86 -4.56 -284.54 N | 204.95 -0.66 -218.23 N | 146.19 3.23 -81.39 N | 148.61 -0.69 -162.12 N | 103.59 -5.16 -202.65 N | 101.70 -11.71 -342.59 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| GILBOA____2 23757 | 61.33 -0.43 -69.23 N | 99.13 -0.73 -112.36 N | 67.02 -0.45 -75.21 N | 65.54 -0.03 -66.09 N | 120.65 -0.43 -128.63 N | 112.45 0.08 -110.78 N | 125.30 0.85 -107.06 N | 122.75 0.23 -118.15 N | 111.31 1.20 -88.39 N | 115.46 -2.47 -169.82 N | 221.40 -12.10 -474.03 N | 151.18 -0.65 -164.74 N | 137.11 1.27 -113.04 N | 129.25 4.59 -44.57 N | 193.04 -0.21 -197.39 N | 235.74 -1.33 -264.74 N | 119.94 0.26 -115.14 N | 148.03 6.98 -19.87 N | 193.86 -4.56 -284.54 N | 204.95 -0.66 -218.23 N | 146.19 3.23 -81.39 N | 148.61 -0.69 -162.12 N | 103.59 -5.16 -202.65 N | 101.70 -11.71 -342.59 N |
| GILBOA____3 23758 | 61.33 -0.43 -69.23 N | 99.13 -0.73 -112.36 N | 67.02 -0.45 -75.21 N | 65.54 -0.03 -66.09 N | 120.65 -0.43 -128.63 N | 112.45 0.08 -110.78 N | 125.30 0.85 -107.06 N | 122.75 0.23 -118.15 N | 111.31 1.20 -88.39 N | 115.46 -2.47 -169.82 N | 221.40 -12.10 -474.03 N | 151.18 -0.65 -164.74 N | 137.11 1.27 -113.04 N | 129.25 4.59 -44.57 N | 193.04 -0.21 -197.39 N | 235.74 -1.33 -264.74 N | 119.94 0.26 -115.14 N | 148.03 6.98 -19.87 N | 193.86 -4.56 -284.54 N | 204.95 -0.66 -218.23 N | 146.19 3.23 -81.39 N | 148.61 -0.69 -162.12 N | 103.59 -5.16 -202.65 N | 101.70 -11.71 -342.59 N |
| GILBOA____4 23759 | 61.33 -0.43 -69.23 N | 99.13 -0.73 -112.36 N | 67.02 -0.45 -75.21 N | 65.54 -0.03 -66.09 N | 120.65 -0.43 -128.63 N | 112.45 0.08 -110.78 N | 125.30 0.85 -107.06 N | 122.75 0.23 -118.15 N | 111.31 1.20 -88.39 N | 115.46 -2.47 -169.82 N | 221.40 -12.10 -474.03 N | 151.18 -0.65 -164.74 N | 137.11 1.27 -113.04 N | 129.25 4.59 -44.57 N | 193.04 -0.21 -197.39 N | 235.74 -1.33 -264.74 N | 119.94 0.26 -115.14 N | 148.03 6.98 -19.87 N | 193.86 -4.56 -284.54 N | 204.95 -0.66 -218.23 N | 146.19 3.23 -81.39 N | 148.61 -0.69 -162.12 N | 103.59 -5.16 -202.65 N | 101.70 -11.71 -342.59 N |
| GILBOA____ 23599 | 61.33 -0.43 -69.23 N | 99.13 -0.73 -112.36 N | 67.02 -0.45 -75.21 N | 65.54 -0.03 -66.09 N | 120.65 -0.43 -128.63 N | 112.45 0.08 -110.78 N | 125.30 0.85 -107.06 N | 122.75 0.23 -118.15 N | 111.31 1.20 -88.39 N | 115.46 -2.47 -169.82 N | 221.40 -12.10 -474.03 N | 151.18 -0.65 -164.74 N | 137.11 1.27 -113.04 N | 129.25 4.59 -44.57 N | 193.04 -0.21 -197.39 N | 235.74 -1.33 -264.74 N | 119.94 0.26 -115.14 N | 148.03 6.98 -19.87 N | 193.86 -4.56 -284.54 N | 204.95 -0.66 -218.23 N | 146.19 3.23 -81.39 N | 148.61 -0.69 -162.12 N | 103.59 -5.16 -202.65 N | 101.70 -11.71 -342.59 N |
| GINNA____ 23603 | -0.72 -0.05 -6.80 N | -1.61 -0.14 -11.03 N | -0.40 -0.05 -7.38 N | 5.96 -0.01 -6.49 N | 5.04 -0.05 -12.63 N | 12.47 0.01 -10.87 N | 27.88 -0.02 -10.51 N | 16.11 0.06 -11.67 N | 30.71 0.22 -8.77 N | -36.05 -1.08 -16.92 N | -197.54 -4.25 -47.24 N | 3.23 -0.27 -16.42 N | 34.34 0.27 -11.26 N | 85.51 0.97 -4.44 N | 15.32 -0.13 -19.59 N | -2.39 -0.56 -25.84 N | 15.98 0.03 -11.42 N | 123.76 0.61 -1.97 N | -58.98 -0.99 -28.13 N | 8.53 -0.27 -21.42 N | 70.29 0.74 -7.99 N | 2.82 -0.26 -15.91 N | -74.58 -0.57 -19.89 N | -196.19 -0.64 -33.63 N |
| GLEN PARK____ 23778 | -5.62 -0.02 -1.86 N | -9.47 0.00 -3.02 N | -5.69 0.02 -2.02 N | 1.26 0.00 -1.78 N | -4.09 0.00 -3.46 N | 4.58 0.01 -2.98 N | 20.53 0.27 -2.88 N | 7.69 0.14 -3.18 N | 23.50 0.65 -1.12 N | -53.63 -1.74 0.00 N | -247.97 -7.44 0.00 N | -13.30 -0.39 0.00 N | 23.40 0.60 0.00 N | 82.17 2.08 0.00 N | -3.81 -0.11 -0.44 N | -24.59 -0.70 -3.77 N | 4.64 0.10 0.00 N | 124.06 2.88 0.00 N | -86.27 -1.91 -1.76 N | -7.10 -0.36 -5.88 N | 65.92 2.16 -2.19 N | -8.83 -0.36 -4.37 N | -89.48 -1.03 -5.46 N | -221.87 -1.92 -9.22 N |
| GLENWOOD_IC_1_G5 23712 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.91 -0.65 -77.29 N | 67.36 -0.04 -67.93 N | 124.04 -0.62 -132.19 N | 115.58 0.14 -113.85 N | 128.97 1.56 -110.03 N | 126.22 0.42 -121.42 N | 118.12 2.17 -94.23 N | 129.50 -5.50 -186.89 N | 258.24 -22.89 -521.67 N | 167.09 -1.30 -181.29 N | 149.73 2.53 -124.40 N | 138.47 9.33 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.64 0.51 -126.59 N | 157.10 14.07 -21.84 N | 213.16 -8.88 -308.16 N | 210.54 -1.11 -224.27 N | 151.88 6.66 -83.65 N | 152.49 -1.34 -166.65 N | 103.81 -10.55 -208.27 N | 98.41 -24.49 -352.08 N |
| GLENWOOD_IC_2_G1 23688 | 63.05 -0.63 -71.15 N | 101.98 -0.99 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.07 -0.59 -132.19 N | 115.57 0.13 -113.85 N | 128.90 1.49 -110.03 N | 126.20 0.39 -121.42 N | 118.00 2.05 -94.23 N | 129.95 -5.04 -186.89 N | 259.61 -21.53 -521.67 N | 167.19 -1.19 -181.29 N | 149.53 2.32 -124.40 N | 137.71 8.57 -49.05 N | 211.51 -0.38 -216.04 N | 244.92 -2.60 -275.19 N | 131.58 0.47 -126.58 N | 156.03 13.00 -21.84 N | 213.76 -8.28 -308.16 N | 210.62 -1.03 -224.27 N | 151.31 6.11 -83.65 N | 152.55 -1.23 -166.62 N | 104.46 -9.90 -208.27 N | 99.93 -22.98 -352.08 N |
| GLENWOOD_IC_3_G1 23689 | 63.05 -0.63 -71.15 N | 101.98 -0.99 -115.48 N | 68.94 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.07 -0.59 -132.19 N | 115.57 0.13 -113.85 N | 128.90 1.49 -110.03 N | 126.20 0.39 -121.42 N | 118.00 2.05 -94.23 N | 129.95 -5.04 -186.89 N | 259.61 -21.53 -521.67 N | 167.19 -1.19 -181.29 N | 149.53 2.32 -124.40 N | 137.71 8.57 -49.05 N | 211.51 -0.38 -216.04 N | 244.92 -2.60 -275.19 N | 131.58 0.47 -126.58 N | 156.03 13.00 -21.84 N | 213.76 -8.28 -308.16 N | 210.62 -1.03 -224.27 N | 151.31 6.11 -83.65 N | 152.55 -1.23 -166.62 N | 104.46 -9.90 -208.27 N | 99.93 -22.98 -352.08 N |
| GLENWOOD____4 23550 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.91 -0.65 -77.29 N | 67.36 -0.04 -67.93 N | 124.04 -0.62 -132.19 N | 115.58 0.14 -113.85 N | 128.97 1.56 -110.03 N | 126.22 0.42 -121.42 N | 118.12 2.17 -94.23 N | 129.50 -5.50 -186.89 N | 258.24 -22.89 -521.67 N | 167.09 -1.30 -181.29 N | 149.73 2.53 -124.40 N | 138.48 9.33 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.64 0.51 -126.59 N | 157.09 14.07 -21.84 N | 213.16 -8.88 -308.16 N | 210.54 -1.11 -224.27 N | 151.88 6.66 -83.65 N | 152.49 -1.34 -166.65 N | 103.81 -10.55 -208.27 N | 98.41 -24.49 -352.08 N |
| GLENWOOD____5 23614 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.91 -0.65 -77.29 N | 67.36 -0.04 -67.93 N | 124.04 -0.62 -132.19 N | 115.58 0.14 -113.85 N | 128.97 1.56 -110.03 N | 126.22 0.42 -121.42 N | 118.12 2.17 -94.23 N | 129.50 -5.50 -186.89 N | 258.24 -22.89 -521.67 N | 167.09 -1.30 -181.29 N | 149.73 2.53 -124.40 N | 138.48 9.33 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.64 0.51 -126.59 N | 157.09 14.07 -21.84 N | 213.16 -8.88 -308.16 N | 210.54 -1.11 -224.27 N | 151.88 6.66 -83.65 N | 152.49 -1.34 -166.65 N | 103.81 -10.55 -208.27 N | 98.41 -24.49 -352.08 N |
| GLOBAL GREEN_PORT_GT1 23814 | 62.49 -1.19 -71.15 N | 101.07 -1.90 -115.48 N | 68.38 -1.18 -77.29 N | 67.32 -0.08 -67.93 N | 123.51 -1.15 -132.19 N | 115.69 0.25 -113.85 N | 130.26 2.84 -110.03 N | 126.60 0.80 -121.42 N | 119.67 3.71 -94.23 N | 126.13 -8.86 -186.89 N | 246.02 -35.12 -521.67 N | 166.41 -1.97 -181.29 N | 151.06 3.86 -124.40 N | 143.44 14.29 -49.05 N | 211.29 -0.61 -216.04 N | 243.46 -4.07 -275.19 N | 131.87 0.75 -126.57 N | 163.98 20.96 -21.84 N | 209.20 -12.84 -308.16 N | 210.06 -1.60 -224.27 N | 156.08 10.88 -83.64 N | 151.57 -2.19 -166.59 N | 96.67 -17.69 -208.27 N | 80.27 -42.64 -352.08 N |
| GOETHSLN____LBMP 323567 | 63.09 -0.58 -71.13 N | 102.06 -0.90 -115.46 N | 68.99 -0.56 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.12 -113.83 N | 128.76 1.36 -110.02 N | 126.15 0.36 -121.41 N | 117.89 1.94 -94.22 N | 130.39 -4.58 -186.86 N | 260.16 -20.91 -521.60 N | 167.24 -1.12 -181.27 N | 149.34 2.16 -124.38 N | 137.13 7.99 -49.04 N | 211.50 -0.36 -216.01 N | 245.01 -2.48 -275.15 N | 131.55 0.45 -126.56 N | 155.32 12.31 -21.84 N | 214.04 -7.95 -308.11 N | 210.62 -1.00 -224.24 N | 150.79 5.60 -83.63 N | 152.64 -1.12 -166.59 N | 105.28 -9.05 -208.24 N | 102.20 -20.65 -352.03 N |
| GOUDEY____7 23579 | 16.07 -0.12 -23.66 N | 25.63 -0.27 -38.40 N | 17.80 -0.17 -25.71 N | 22.09 0.02 -22.59 N | 36.27 -0.16 -43.96 N | 39.49 0.04 -37.86 N | 54.39 0.41 -36.59 N | 44.89 0.14 -40.38 N | 52.77 0.62 -30.42 N | 5.93 -1.00 -58.82 N | -80.52 -4.18 -164.19 N | 43.77 -0.38 -57.06 N | 62.65 0.70 -39.15 N | 98.33 2.80 -15.44 N | 64.04 -0.11 -68.30 N | 63.15 -0.79 -91.60 N | 44.58 0.16 -39.88 N | 132.19 4.13 -6.88 N | 10.79 -1.37 -98.27 N | 61.70 -0.27 -74.60 N | 91.28 1.89 -27.82 N | 42.22 -0.37 -55.42 N | -26.13 -1.50 -69.27 N | -111.98 0.09 -117.11 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 | N | N |
|------------------------|---|---|---|---|---|--|--|--|---|---|--|---|--|---|---|---|--|--|---|---|---|---|---|--|---|---|---|---|
| GOUDEY___8 23580 | 16.08 <i>-0.11</i> <i>-23.66</i> N | 25.64 <i>-0.27</i> <i>-38.40</i> N | 17.81 <i>-0.16</i> <i>-25.71</i> N | 22.09 <i>0.02</i> <i>-22.59</i> N | 36.28 <i>-0.15</i> <i>-43.96</i> N | 39.49 <i>0.04</i> <i>-37.86</i> N | 54.37 <i>0.39</i> <i>-36.59</i> N | 44.89 <i>0.13</i> <i>-40.38</i> N | 52.75 <i>0.60</i> <i>-30.42</i> N | 5.98 <i>-0.95</i> <i>-58.82</i> N | -80.27 <i>-3.93</i> <i>-164.19</i> N | 43.79 <i>-0.36</i> <i>-57.06</i> N | 62.61 <i>0.66</i> <i>-39.15</i> N | 98.22 <i>2.68</i> <i>-15.44</i> N | 64.05 <i>-0.10</i> <i>-68.30</i> N | 63.18 <i>-0.76</i> <i>-91.60</i> N | 44.57 <i>0.16</i> <i>-39.88</i> N | 132.01 <i>3.95</i> <i>-6.88</i> N | 10.96 <i>-1.19</i> <i>-98.27</i> N | 61.72 <i>-0.26</i> <i>-74.60</i> N | 91.20 <i>1.82</i> <i>-27.82</i> N | 42.24 <i>-0.35</i> <i>-55.42</i> N | -25.92 <i>-1.28</i> <i>-69.27</i> N | -111.76 <i>0.32</i> <i>-117.11</i> N | | | | |
| GOWANUS_GT1_1 24077 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_2 24078 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_3 24079 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_4 24080 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_5 24084 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_6 24111 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_7 24112 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT1_8 24113 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT2_1 24114 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT2_2 24115 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT2_3 24116 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| GOWANUS_GT2_4 24117 | 63.04 <i>-0.64</i> <i>-71.14</i> N | 101.96 <i>-1.00</i> <i>-115.46</i> N | 68.94 <i>-0.61</i> <i>-77.28</i> N | 67.35 <i>-0.05</i> <i>-67.91</i> N | 124.06 <i>-0.58</i> <i>-132.18</i> N | 115.56 <i>0.14</i> <i>-113.83</i> N | 128.88 <i>1.48</i> <i>-110.02</i> N | 126.17 <i>0.39</i> <i>-121.41</i> N | 118.04 <i>2.10</i> <i>-94.22</i> N | 130.15 <i>-4.82</i> <i>-186.86</i> N | 258.71 <i>-22.35</i> <i>-521.60</i> N | 167.12 <i>-1.24</i> <i>-181.27</i> N | 149.61 <i>2.43</i> <i>-124.39</i> N | 138.09 <i>8.95</i> <i>-49.04</i> N | 211.47 <i>-0.40</i> <i>-216.01</i> N | 244.81 <i>-2.68</i> <i>-275.15</i> N | 131.60 <i>0.49</i> <i>-126.56</i> N | 156.55 <i>13.52</i> <i>-21.84</i> N | 213.46 <i>-8.53</i> <i>-308.11</i> N | 210.55 <i>-1.08</i> <i>-224.24</i> N | 151.33 <i>6.13</i> <i>-83.63</i> N | 152.53 <i>-1.23</i> <i>-166.59</i> N | 104.46 <i>-9.87</i> <i>-208.24</i> N | 100.13 <i>-22.73</i> <i>-352.03</i> N | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|--------|---------|--------|--------|---------|---------|---------|---------|--------|---------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|--------|---------|---------|---------|
| 24118 | | -0.64 | -1.00 | -0.61 | -0.05 | -0.58 | 0.14 | 1.48 | 0.39 | 2.10 | -4.82 | -22.35 | -1.24 | 2.43 | 8.95 | -0.40 | -2.68 | 0.49 | 13.52 | -8.53 | -1.08 | 6.13 | -1.23 | -9.87 | -22.73 |
| | | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.39 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| GOWANUS_GT2_6 | 24119 | 63.04 | 101.96 | 68.94 | 67.35 | 124.06 | 115.56 | 128.88 | 126.17 | 118.04 | 130.15 | 258.71 | 167.12 | 149.61 | 138.09 | 211.47 | 244.81 | 131.60 | 156.55 | 213.46 | 210.55 | 151.33 | 152.53 | 104.46 | 100.13 |
| | | -0.64 | -1.00 | -0.61 | -0.05 | -0.58 | 0.14 | 1.48 | 0.39 | 2.10 | -4.82 | -22.35 | -1.24 | 2.43 | 8.95 | -0.40 | -2.68 | 0.49 | 13.52 | -8.53 | -1.08 | 6.13 | -1.23 | -9.87 | -22.73 |
| | | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.39 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| GOWANUS_GT2_7 | 24120 | 63.04 | 101.96 | 68.94 | 67.35 | 124.06 | 115.56 | 128.88 | 126.17 | 118.04 | 130.15 | 258.71 | 167.12 | 149.61 | 138.09 | 211.47 | 244.81 | 131.60 | 156.55 | 213.46 | 210.55 | 151.33 | 152.53 | 104.46 | 100.13 |
| | | -0.64 | -1.00 | -0.61 | -0.05 | -0.58 | 0.14 | 1.48 | 0.39 | 2.10 | -4.82 | -22.35 | -1.24 | 2.43 | 8.95 | -0.40 | -2.68 | 0.49 | 13.52 | -8.53 | -1.08 | 6.13 | -1.23 | -9.87 | -22.73 |
| | | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.39 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| GOWANUS_GT2_8 | 24121 | 63.04 | 101.96 | 68.94 | 67.35 | 124.06 | 115.56 | 128.88 | 126.17 | 118.04 | 130.15 | 258.71 | 167.12 | 149.61 | 138.09 | 211.47 | 244.81 | 131.60 | 156.55 | 213.46 | 210.55 | 151.33 | 152.53 | 104.46 | 100.13 |
| | | -0.64 | -1.00 | -0.61 | -0.05 | -0.58 | 0.14 | 1.48 | 0.39 | 2.10 | -4.82 | -22.35 | -1.24 | 2.43 | 8.95 | -0.40 | -2.68 | 0.49 | 13.52 | -8.53 | -1.08 | 6.13 | -1.23 | -9.87 | -22.73 |
| | | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.39 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | -308.11 | -224.24 | -83.63 | -166.59 | -208.24 | -352.03 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| GOWANUS_GT3_1 | 24122 | 63.04 | 101.96 | 68.94 | 67.35 | 124.06 | 115.56 | 128.88 | 126.17 | 118.04 | 130.15 | 258.71 | 167.12 | 149.61 | 138.09 | 211.47 | 244.81 | 131.60 | 156.55 | 213.46 | 210.55 | 151.33 | 152.53 | 104.46 | 100.13 |
| | | -0.64 | -1.00 | -0.61 | -0.05 | -0.58 | 0.14 | 1.48 | 0.39 | 2.10 | -4.82 | -22.35 | -1.24 | 2.43 | 8.95 | -0.40 | -2.68 | 0.49 | 13.52 | -8.53 | -1.08 | 6.13 | -1.23 | -9.87 | -22.73 |
| | | -71.14 | -115.46 | -77.28 | -67.91 | -132.18 | -113.83 | -110.02 | -121.41 | -94.22 | -186.86 | -521.60 | -181.27 | -124.39 | -49.04 | -216.01 | -275.15 | -126.56 | -21.84 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|
| GOWANUS_GT4_3 24132 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GOWANUS_GT4_4 24133 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GOWANUS_GT4_5 24134 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GOWANUS_GT4_6 24135 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GOWANUS_GT4_7 24136 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GOWANUS_GT4_8 24137 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| GREENIDGE___3 23582 | 4.49 -0.15 -12.10 N | 6.79 -0.36 -19.65 N | 5.22 -0.20 -13.15 N | 11.05 0.02 -11.56 N | 14.75 -0.20 -22.50 N | 21.02 0.05 -19.37 N | 36.66 0.55 -18.72 N | 25.24 0.20 -20.66 N | 38.16 0.89 -15.54 N | -23.74 -1.86 -30.02 N | -164.57 -7.82 -83.78 N | 15.58 -0.62 -29.12 N | 43.73 0.95 -19.98 N | 91.47 3.50 -7.88 N | 30.53 -0.18 -34.86 N | 17.34 -1.38 -46.39 N | 25.14 0.20 -20.40 N | 129.15 4.43 -3.54 N | -37.44 -1.83 -50.51 N | 25.30 -0.50 -38.42 N | 78.42 2.52 -14.33 N | 15.16 -0.55 -28.54 N | -60.10 -1.87 -35.68 N | -169.45 -0.59 -60.31 N |
| GREENIDGE___4 23583 | 4.49 -0.15 -12.10 N | 6.79 -0.36 -19.65 N | 5.22 -0.20 -13.15 N | 11.05 0.02 -11.56 N | 14.75 -0.20 -22.50 N | 21.02 0.05 -19.37 N | 36.66 0.55 -18.72 N | 25.24 0.20 -20.66 N | 38.16 0.89 -15.54 N | -23.74 -1.86 -30.02 N | -164.57 -7.82 -83.78 N | 15.58 -0.62 -29.12 N | 43.73 0.95 -19.98 N | 91.47 3.50 -7.88 N | 30.53 -0.18 -34.86 N | 17.34 -1.38 -46.39 N | 25.14 0.20 -20.40 N | 129.15 4.43 -3.54 N | -37.44 -1.83 -50.51 N | 25.30 -0.50 -38.42 N | 78.42 2.52 -14.33 N | 15.16 -0.55 -28.54 N | -60.10 -1.87 -35.68 N | -169.45 -0.59 -60.31 N |
| GROVEVILLE___HYD 323602 | 65.28 -0.60 -73.34 N | 105.58 -0.96 -119.04 N | 71.35 -0.60 -79.67 N | 69.45 -0.04 -70.02 N | 128.15 -0.58 -136.28 N | 119.08 0.13 -117.36 N | 132.25 1.44 -113.43 N | 129.93 0.38 -125.17 N | 121.10 2.02 -97.36 N | 136.84 -4.72 -193.46 N | 277.91 -21.56 -540.00 N | 173.58 -1.18 -187.67 N | 153.81 2.24 -128.77 N | 139.02 8.15 -50.77 N | 219.04 -0.38 -223.56 N | 253.69 -2.60 -283.95 N | 136.10 0.46 -131.09 N | 156.33 12.53 -22.62 N | 224.38 -8.31 -318.81 N | 217.49 -1.09 -231.20 N | 153.73 5.94 -86.23 N | 157.73 -1.20 -171.76 N | 111.69 -9.10 -214.69 N | 112.66 -21.10 -362.94 N |
| HAMPSHIRE___PAPER_HYD 323593 | -7.20 0.26 0.00 N | -12.03 0.47 0.00 N | -7.44 0.29 0.00 N | -0.51 0.01 0.00 N | -7.27 0.27 0.00 N | 1.54 -0.05 0.00 N | 16.90 -0.48 0.00 N | 4.26 -0.12 0.00 N | 21.08 -0.64 0.00 N | -50.63 1.27 0.00 N | -234.58 5.95 0.00 N | -12.54 0.37 0.00 N | 22.16 -0.64 0.00 N | 77.64 -2.46 0.00 N | -4.00 0.14 0.00 N | -26.72 0.94 0.00 N | 4.38 -0.16 0.00 N | 117.18 -4.00 0.00 N | -83.33 2.79 0.00 N | -12.32 0.30 0.00 N | 60.15 -1.42 0.00 N | -12.47 0.35 0.00 N | -90.79 3.12 0.00 N | -222.23 6.94 0.00 N |
| HARZA MOOSE___RIVER 24016 | -7.45 0.02 0.00 N | -12.46 0.05 0.00 N | -7.70 0.03 0.00 N | -0.52 0.00 0.00 N | -7.52 0.02 0.00 N | 1.59 0.00 0.00 N | 17.47 0.09 0.00 N | 4.43 0.05 0.00 N | 21.97 0.25 0.00 N | -52.65 -0.76 0.00 N | -243.41 -2.88 0.00 N | -13.06 -0.15 0.00 N | 23.04 0.24 0.00 N | 80.84 0.74 0.00 N | -4.18 -0.04 0.00 N | -31.03 -0.26 3.10 N | 4.58 0.04 0.00 N | 122.26 1.08 0.00 N | -86.73 -0.61 0.00 N | -12.77 -0.15 0.00 N | 62.37 0.81 0.00 N | -12.97 -0.14 0.00 N | -94.03 -0.13 0.00 N | -229.42 -0.25 0.00 N |
| HEMPSTEAD___ 23647 | 63.04 -0.64 -71.15 N | 101.98 -0.99 -115.48 N | 68.95 -0.62 -77.29 N | 67.36 -0.04 -67.93 N | 124.08 -0.58 -132.19 N | 115.57 0.13 -113.85 N | 128.90 1.48 -110.03 N | 126.20 0.40 -121.42 N | 117.97 2.01 -94.23 N | 129.82 -5.17 -186.89 N | 260.69 -20.45 -521.67 N | 167.23 -1.16 -181.29 N | 149.53 2.33 -124.40 N | 137.81 8.66 -49.05 N | 211.53 -0.36 -216.04 N | 245.02 -2.51 -275.19 N | 131.59 0.46 -126.59 N | 156.05 13.03 -21.84 N | 214.12 -7.91 -308.16 N | 210.70 -0.96 -224.27 N | 151.38 6.16 -83.65 N | 152.57 -1.25 -166.65 N | 103.97 -10.39 -208.27 N | 98.50 -24.40 -352.08 N |
| HICKLING___1 23621 | 7.93 -0.33 -15.72 N | 12.30 -0.72 -25.52 N | 8.91 -0.44 -17.08 N | 14.53 0.04 -15.01 N | 21.23 -0.44 -29.21 N | 26.86 0.11 -25.16 N | 42.95 1.26 -24.32 N | 31.60 0.39 -26.83 N | 43.69 1.78 -20.20 N | -16.26 -3.39 -39.02 N | -146.34 -14.73 -108.92 N | 23.81 -1.13 -37.85 N | 50.69 1.92 -25.97 N | 97.74 7.40 -10.24 N | 40.83 -0.34 -45.31 N | 31.41 -2.28 -61.35 N | 32.07 0.38 -27.15 N | 134.97 9.09 -4.70 N | -22.29 -3.27 -67.10 N | 37.62 -0.74 -50.99 N | 85.15 4.58 -19.02 N | 24.17 -0.88 -37.88 N | -49.69 -47.35 -80.04 N | -149.24 -0.10 -80.04 N |
| HICKLING___2 23622 | 7.93 -0.33 -15.72 N | 12.30 -0.72 -25.52 N | 8.91 -0.44 -17.08 N | 14.53 0.04 -15.01 N | 21.23 -0.44 -29.21 N | 26.86 0.11 -25.16 N | 42.95 1.26 -24.32 N | 31.60 0.39 -26.83 N | 43.69 1.78 -20.20 N | -16.26 -3.39 -39.02 N | -146.34 -14.73 -108.92 N | 23.81 -1.13 -37.85 N | 50.69 1.92 -25.97 N | 97.74 7.40 -10.24 N | 40.83 -0.34 -45.31 N | 31.41 -2.28 -61.35 N | 32.07 0.38 -27.15 N | 134.97 9.09 -4.70 N | -22.29 -3.27 -67.10 N | 37.62 -0.74 -50.99 N | 85.15 4.58 -19.02 N | 24.17 -0.88 -37.88 N | -49.69 -47.35 -80.04 N | -149.24 -0.10 -80.04 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|---|
| HIGH FALLS___HY 23754 | 64.18 -0.60 -72.24 N | 103.78 -0.97 -117.25 N | 70.15 -0.60 -78.48 N | 68.40 -0.04 -68.97 N | 126.11 -0.58 -134.23 N | 117.31 0.13 -115.60 N | 130.55 1.45 -111.72 N | 128.05 0.39 -123.29 N | 119.49 1.95 -95.82 N | 134.09 -4.30 -190.28 N | 271.00 -19.61 -531.14 N | 170.61 -1.06 -184.58 N | 151.46 2.00 -126.66 N | 137.26 7.23 -49.94 N | 215.44 -0.34 -219.92 N | 249.71 -2.27 -279.65 N | 133.99 0.45 -129.00 N | 155.45 12.01 -22.26 N | 219.50 -8.15 -313.76 N | 214.03 -1.08 -227.72 N | 152.37 5.88 -84.93 N | 155.14 -1.21 -169.18 N | 108.49 -9.08 -211.47 N | 107.34 -20.97 -357.49 N | |
| HILLBURN___GT 23639 | 60.22 -0.58 -68.27 N | 97.37 -0.93 -110.80 N | 65.85 -0.58 -74.16 N | 64.61 -0.05 -65.18 N | 118.74 -0.56 -126.84 N | 110.96 0.13 -109.24 N | 124.36 1.40 -105.58 N | 121.25 0.37 -116.51 N | 113.99 1.93 -90.34 N | 122.68 -4.46 -179.03 N | 238.84 -20.36 -499.74 N | 159.62 -1.14 -173.67 N | 144.14 2.17 -119.17 N | 134.95 7.87 -46.98 N | 202.47 -0.38 -206.99 N | 233.82 -2.51 -264.00 N | 126.25 0.44 -121.27 N | 154.30 12.20 -20.93 N | 201.24 -7.96 -295.32 N | 201.55 -1.03 -215.19 N | 147.51 5.69 -80.26 N | 145.89 -1.15 -159.87 N | 96.80 -9.13 -199.84 N | 87.76 -20.89 -337.83 N | |
| HOLTSVILLE_IC_1 23690 | 62.88 -0.80 -71.15 N | 101.73 -1.25 -115.48 N | 68.79 -0.78 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.18 1.77 -110.03 N | 126.28 0.47 -121.42 N | 118.13 2.17 -94.23 N | 129.59 -5.41 -186.89 N | 261.96 -19.18 -521.67 N | 167.31 -1.07 -181.29 N | 149.51 2.31 -124.40 N | 137.82 8.68 -49.05 N | 211.57 -0.32 -216.04 N | 245.32 -2.21 -275.19 N | 131.56 0.45 -126.57 N | 155.80 12.78 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.42 6.21 -83.64 N | 152.46 -1.31 -166.59 N | 102.04 -12.32 -208.27 N | 93.21 -29.69 -352.08 N | |
| HOLTSVILLE_IC_10 23699 | 62.81 -0.87 -71.15 N | 101.62 -1.35 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.78 -132.19 N | 115.61 0.17 -113.85 N | 129.33 1.92 -110.03 N | 126.32 0.52 -121.42 N | 118.34 2.38 -94.23 N | 129.11 -5.88 -186.89 N | 259.82 -21.32 -521.67 N | 167.20 -1.19 -181.29 N | 149.73 2.53 -124.40 N | 138.60 9.46 -49.05 N | 211.54 -0.36 -216.04 N | 245.08 -2.45 -275.19 N | 131.60 0.49 -126.57 N | 156.92 13.89 -21.84 N | 214.00 -8.03 -308.16 N | 210.76 -0.90 -224.27 N | 152.01 6.80 -83.64 N | 152.32 -1.44 -166.59 N | 101.09 -13.27 -208.27 N | 91.17 -31.73 -352.08 N | |
| HOLTSVILLE_IC_2 23691 | 62.88 -0.80 -71.15 N | 101.73 -1.25 -115.48 N | 68.79 -0.78 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.18 1.77 -110.03 N | 126.28 0.47 -121.42 N | 118.13 2.17 -94.23 N | 129.59 -5.41 -186.89 N | 261.96 -19.18 -521.67 N | 167.31 -1.07 -181.29 N | 149.51 2.31 -124.40 N | 137.82 8.68 -49.05 N | 211.57 -0.32 -216.04 N | 245.32 -2.21 -275.19 N | 131.56 0.45 -126.57 N | 155.80 12.78 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.42 6.21 -83.64 N | 152.46 -1.31 -166.59 N | 102.04 -12.32 -208.27 N | 93.21 -29.69 -352.08 N | |
| HOLTSVILLE_IC_3 23692 | 62.88 -0.80 -71.15 N | 101.73 -1.25 -115.48 N | 68.79 -0.78 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.18 1.77 -110.03 N | 126.28 0.47 -121.42 N | 118.13 2.17 -94.23 N | 129.59 -5.41 -186.89 N | 261.96 -19.18 -521.67 N | 167.31 -1.07 -181.29 N | 149.51 2.31 -124.40 N | 137.82 8.68 -49.05 N | 211.57 -0.32 -216.04 N | 245.32 -2.21 -275.19 N | 131.56 0.45 -126.57 N | 155.80 12.78 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.42 6.21 -83.64 N | 152.46 -1.31 -166.59 N | 102.04 -12.32 -208.27 N | 93.21 -29.69 -352.08 N | |
| HOLTSVILLE_IC_4 23693 | 62.88 -0.80 -71.15 N | 101.73 -1.25 -115.48 N | 68.79 -0.78 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.18 1.77 -110.03 N | 126.28 0.47 -121.42 N | 118.13 2.17 -94.23 N | 129.59 -5.41 -186.89 N | 261.96 -19.18 -521.67 N | 167.31 -1.07 -181.29 N | 149.51 2.31 -124.40 N | 137.82 8.68 -49.05 N | 211.57 -0.32 -216.04 N | 245.32 -2.21 -275.19 N | 131.56 0.45 -126.57 N | 155.80 12.78 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.42 6.21 -83.64 N | 152.46 -1.31 -166.59 N | 102.04 -12.32 -208.27 N | 93.21 -29.69 -352.08 N | |
| HOLTSVILLE_IC_5 23694 | 62.88 -0.80 -71.15 N | 101.73 -1.25 -115.48 N | 68.79 -0.78 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.18 1.77 -110.03 N | 126.28 0.47 -121.42 N | 118.13 2.17 -94.23 N | 129.59 -5.41 -186.89 N | 261.96 -19.18 -521.67 N | 167.31 -1.07 -181.29 N | 149.51 2.31 -124.40 N | 137.82 8.68 -49.05 N | 211.57 -0.32 -216.04 N | 245.32 -2.21 -275.19 N | 131.56 0.45 -126.57 N | 155.80 12.78 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.42 6.21 -83.64 N | 152.46 -1.31 -166.59 N | 102.04 -12.32 -208.27 N | 93.21 -29.69 -352.08 N | |
| HOLTSVILLE_IC_6 23695 | 62.81 -0.87 -71.15 N | 101.62 -1.35 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.78 -132.19 N | 115.61 0.17 -113.85 N | 129.33 1.92 -110.03 N | 126.32 0.52 -121.42 N | 118.34 2.38 -94.23 N | 129.11 -5.88 -186.89 N | 259.82 -21.32 -521.67 N | 167.20 -1.19 -181.29 N | 149.73 2.53 -124.40 N | 138.60 9.46 -49.05 N | 211.54 -0.36 -216.04 N | 245.08 -2.45 -275.19 N | 131.60 0.49 -126.57 N | 156.92 13.89 -21.84 N | 214.00 -8.03 -308.16 N | 210.76 -0.90 -224.27 N | 152.01 6.80 -83.64 N | 152.32 -1.44 -166.59 N | 101.09 -13.27 -208.27 N | 91.17 -31.73 -352.08 N | |
| HOLTSVILLE_IC_7 23696 | 62.81 -0.87 -71.15 N | 101.62 -1.35 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.78 -132.19 N | 115.61 0.17 -113.85 N | 129.33 1.92 -110.03 N | 126.32 0.52 -121.42 N | 118.34 2.38 -94.23 N | 129.11 -5.88 -186.89 N | 259.82 -21.32 -521.67 N | 167.20 -1.19 -181.29 N | 149.73 2.53 -124.40 N | 138.60 9.46 -49.05 N | 211.54 -0.36 -216.04 N | 245.08 -2.45 -275.19 N | 131.60 0.49 -126.57 N | 156.92 13.89 -21.84 N | 214.00 -8.03 -308.16 N | 210.76 -0.90 -224.27 N | 152.01 6.80 -83.64 N | 152.32 -1.44 -166.59 N | 101.09 -13.27 -208.27 N | 91.17 -31.73 -352.08 N | |
| HOLTSVILLE_IC_8 23697 | 62.81 -0.87 -71.15 N | 101.62 -1.35 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.78 -132.19 N | 115.61 0.17 -113.85 N | 129.33 1.92 -110.03 N | 126.32 0.52 -121.42 N | 118.34 2.38 -94.23 N | 129.11 -5.88 -186.89 N | 259.82 -21.32 -521.67 N | 167.20 -1.19 -181.29 N | 149.73 2.53 -124.40 N | 138.60 9.46 -49.05 N | 211.54 -0.36 -216.04 N | 245.08 -2.45 -275.19 N | 131.60 0.49 -126.57 N | 156.92 13.89 -21.84 N | 214.00 -8.03 -308.16 N | 210.76 -0.90 -224.27 N | 152.01 6.80 -83.64 N | 152.32 -1.44 -166.59 N | 101.09 -13.27 -208.27 N | 91.17 -31.73 -352.08 N | |
| HOLTSVILLE_IC_9 23698 | 62.81 -0.87 -71.15 N | 101.62 -1.35 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.78 -132.19 N | 115.61 0.17 -113.85 N | 129.33 1.92 -110.03 N | 126.32 0.52 -121.42 N | 118.34 2.38 -94.23 N | 129.11 -5.88 -186.89 N | 259.82 -21.32 -521.67 N | 167.20 -1.19 -181.29 N | 149.73 2.53 -124.40 N | 138.60 9.46 -49.05 N | 211.54 -0.36 -216.04 N | 245.08 -2.45 -275.19 N | 131.60 0.49 -126.57 N | 156.92 13.89 -21.84 N | 214.00 -8.03 -308.16 N | 210.76 -0.90 -224.27 N | 152.01 6.80 -83.64 N | 152.32 -1.44 -166.59 N | 101.09 -13.27 -208.27 N | 91.17 -31.73 -352.08 N | |
| HQ_GEN_CEDARS 23644 | -9.44 0.34 2.30 N | -15.64 0.60 3.74 N | -9.87 0.37 2.50 N | -2.70 0.02 2.20 N | -11.48 0.34 4.28 N | -2.16 -0.07 3.69 N | 13.13 -0.69 3.56 N | 0.22 -0.23 3.93 N | 17.28 -1.29 3.15 N | -54.68 3.62 6.40 N | -242.68 15.73 17.87 N | -18.20 0.92 6.21 N | 16.95 -1.59 4.26 N | 72.65 -5.76 1.68 N | -11.19 0.33 7.37 N | -35.08 1.79 9.21 N | -0.06 -0.29 4.31 N | 113.06 -7.38 0.74 N | -91.52 4.98 10.38 N | -19.16 0.71 7.26 N | 55.24 -3.62 2.71 N | -17.43 0.79 5.39 N | -95.70 4.94 6.74 N | -230.13 10.44 11.39 N | |
| HQ_GEN_IMPORT | -7.34 | -10.19 | -7.59 | -0.51 | -7.41 | 1.56 | 17.10 | 4.29 | 21.28 | -50.86 | -235.71 | -12.62 | 22.31 | 78.31 | -4.05 | -27.05 | 4.44 | 118.64 | -84.39 | -12.37 | 60.26 | -12.55 | -92.22 | -225.90 | |

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|------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 323601 | 0.13 0.00 N | 0.16 0.84 N | 0.13 0.00 N | 0.01 0.00 N | 0.13 0.00 N | -0.03 0.00 N | -0.28 0.00 N | -0.09 0.00 N | -0.44 0.00 N | 1.03 0.00 N | 4.83 0.00 N | 0.29 0.00 N | -0.49 0.00 N | -1.79 0.00 N | 0.10 0.00 N | 0.62 0.00 N | -0.10 0.00 N | -2.55 0.00 N | 1.72 0.00 N | 0.25 0.00 N | -1.30 0.00 N | 0.28 0.00 N | 1.69 0.00 N | 3.27 0.00 N |
| HQ_GEN_WHEEL 23651 | -7.34 0.13 0.00 N | -10.19 0.16 0.84 N | -7.59 0.13 0.00 N | -0.51 0.01 0.00 N | -7.41 0.13 0.00 N | 1.56 -0.03 0.00 N | 17.10 -0.28 0.00 N | 4.29 -0.09 0.00 N | 21.28 -0.44 0.00 N | -50.86 1.03 0.00 N | -235.71 4.83 0.00 N | -12.62 0.29 0.00 N | 22.31 -0.49 0.00 N | 78.31 -1.79 0.00 N | -4.05 0.10 0.00 N | -27.05 0.62 -0.10 N | 4.44 -0.10 0.00 N | 118.64 -2.55 0.00 N | -84.39 1.72 0.00 N | -12.37 0.25 0.00 N | 60.26 -1.30 0.00 N | -12.55 0.28 0.00 N | -92.22 1.69 0.00 N | -225.90 3.27 0.00 N |
| HUDSON AVE_GT_3 23810 | 63.05 -0.62 -71.13 N | 101.99 -0.97 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.87 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.10 -94.22 N | 130.03 -4.94 -186.86 N | 258.47 -22.59 -521.60 N | 167.14 -1.22 -181.27 N | 149.53 2.34 -124.38 N | 137.77 8.63 -49.04 N | 211.47 -0.40 -216.01 N | 244.80 -2.69 -275.15 N | 131.58 0.48 -126.56 N | 156.18 13.16 -21.84 N | 213.44 -8.55 -308.11 N | 210.54 -1.08 -224.24 N | 151.23 6.03 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.27 -352.03 N |
| HUDSON AVE_GT_4 23540 | 63.05 -0.62 -71.13 N | 101.99 -0.97 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.87 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.10 -94.22 N | 130.03 -4.94 -186.86 N | 258.47 -22.59 -521.60 N | 167.14 -1.22 -181.27 N | 149.53 2.34 -124.38 N | 137.77 8.63 -49.04 N | 211.47 -0.40 -216.01 N | 244.80 -2.69 -275.15 N | 131.58 0.48 -126.56 N | 156.18 13.16 -21.84 N | 213.44 -8.55 -308.11 N | 210.54 -1.08 -224.24 N | 151.23 6.03 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.27 -352.03 N |
| HUDSON AVE_GT_5 23657 | 63.05 -0.62 -71.13 N | 101.99 -0.97 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.87 1.48 -110.02 N | 126.18 0.39 -121.41 N | 118.05 2.10 -94.22 N | 130.03 -4.94 -186.86 N | 258.47 -22.59 -521.60 N | 167.14 -1.22 -181.27 N | 149.53 2.34 -124.38 N | 137.77 8.63 -49.04 N | 211.47 -0.40 -216.01 N | 244.80 -2.69 -275.15 N | 131.58 0.48 -126.56 N | 156.18 13.16 -21.84 N | 213.44 -8.55 -308.11 N | 210.54 -1.08 -224.24 N | 151.23 6.03 -83.63 N | 152.55 -1.21 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.27 -352.03 N |
| HUDSON_AVE_10 24168 | 63.07 -0.60 -71.13 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.87 1.47 -110.02 N | 126.16 0.38 -121.41 N | 118.06 2.12 -94.22 N | 130.22 -4.75 -186.86 N | 258.52 -22.54 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.58 8.44 -49.04 N | 211.48 -0.39 -216.01 N | 244.87 -2.61 -275.15 N | 131.58 0.47 -126.56 N | 155.91 12.89 -21.84 N | 213.61 -8.38 -308.11 N | 210.56 -1.07 -224.24 N | 151.11 5.91 -83.63 N | 152.57 -1.19 -166.59 N | 104.74 -9.59 -208.24 N | 100.59 -22.27 -352.03 N |
| HUNTER MOUNT___DRP 323613 | 72.92 -0.68 -81.06 N | 117.94 -1.14 -131.57 N | 79.62 -0.71 -88.07 N | 76.82 -0.05 -77.39 N | 142.38 -0.70 -150.62 N | 131.46 0.15 -129.72 N | 144.46 1.70 -125.37 N | 143.19 0.46 -138.35 N | 132.22 2.36 -108.14 N | 158.23 -5.63 -215.75 N | 335.80 -25.90 -602.23 N | 195.00 -1.38 -209.29 N | 168.96 2.55 -143.61 N | 145.93 9.21 -56.62 N | 244.56 -0.45 -249.16 N | 283.78 -3.02 -314.47 N | 151.49 0.52 -146.43 N | 160.38 13.94 -25.27 N | 259.69 -9.44 -355.25 N | 241.62 -1.31 -255.55 N | 163.73 6.86 -95.31 N | 175.64 -1.38 -189.85 N | 133.79 -9.62 -237.31 N | 149.54 -22.47 -401.18 N |
| HUNTLEY___63 23557 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| HUNTLEY___64 23558 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| HUNTLEY___65 23559 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| HUNTLEY___66 23560 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| HUNTLEY___67 23561 | 2.20 0.27 -9.40 N | 3.09 0.32 -15.26 N | 2.73 0.24 -10.22 N | 8.47 0.01 -8.98 N | 10.20 0.26 -17.47 N | 16.57 -0.07 -15.05 N | 30.81 -1.12 -14.54 N | 20.14 -0.29 -16.05 N | 32.37 -1.43 -12.08 N | -26.15 2.43 -23.32 N | -162.56 12.86 -65.10 N | 10.38 0.67 -22.62 N | 36.80 -1.53 -15.53 N | 80.83 -5.39 -6.12 N | 23.09 0.15 -27.08 N | 9.56 1.19 -36.03 N | 20.05 -0.31 -15.82 N | 115.72 -8.18 -2.72 N | -42.54 4.74 -38.84 N | 17.43 0.52 -29.53 N | 68.82 -3.76 -11.02 N | 9.63 0.52 -21.94 N | -61.86 4.62 -27.43 N | -170.58 12.23 -46.37 N |
| HUNTLEY___68 23562 | 2.20 0.27 -9.40 N | 3.09 0.32 -15.26 N | 2.73 0.24 -10.22 N | 8.47 0.01 -8.98 N | 10.20 0.26 -17.47 N | 16.57 -0.07 -15.05 N | 30.81 -1.12 -14.54 N | 20.14 -0.29 -16.05 N | 32.37 -1.43 -12.08 N | -26.15 2.43 -23.32 N | -162.56 12.86 -65.10 N | 10.38 0.67 -22.62 N | 36.80 -1.53 -15.53 N | 80.83 -5.39 -6.12 N | 23.09 0.15 -27.08 N | 9.56 1.19 -36.03 N | 20.05 -0.31 -15.82 N | 115.72 -8.18 -2.72 N | -42.54 4.74 -38.84 N | 17.43 0.52 -29.53 N | 68.82 -3.76 -11.02 N | 9.63 0.52 -21.94 N | -61.86 4.62 -27.43 N | -170.58 12.23 -46.37 N |
| INDECK___CORINTH 23802 | 92.07 -0.03 -99.57 N | 149.03 -0.08 -161.61 N | 100.39 -0.05 -108.17 N | 94.52 -0.02 -95.06 N | 177.39 -0.08 -185.01 N | 160.94 0.02 -159.33 N | 171.68 0.30 -153.99 N | 174.38 0.06 -169.94 N | 157.08 0.36 -134.99 N | 220.14 -0.85 -272.89 N | 517.05 -4.13 -761.71 N | 251.75 -0.05 -264.72 N | 204.55 0.10 -181.64 N | 151.88 0.18 -71.61 N | 310.25 -0.04 -314.43 N | 364.04 -0.18 -391.88 N | 194.74 -0.02 -190.22 N | 153.12 -0.88 -32.82 N | 368.87 0.05 -454.94 N | 301.12 -0.10 -313.83 N | 179.98 1.36 -117.05 N | 220.06 -0.27 -233.15 N | 195.26 -2.27 -291.43 N | 258.12 -5.38 -492.67 N |

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| INDECK____ILION 23567 | -11.86 -0.19 4.21 N | -19.66 -0.34 6.82 N | -12.50 -0.21 4.57 N | -4.55 -0.02 4.02 N | -15.56 -0.20 7.81 N | -5.09 0.04 6.73 N | 11.37 0.49 6.50 N | -2.66 0.14 7.18 N | 16.73 0.73 5.72 N | -63.70 -0.22 11.58 N | -276.20 -3.34 32.33 N | -24.33 -0.18 11.24 N | 15.44 0.34 7.71 N | 78.26 1.20 3.04 N | -17.51 -0.02 13.34 N | -45.30 -0.92 16.71 N | -3.11 0.15 7.80 N | 123.85 4.01 1.35 N | -107.70 -2.75 18.83 N | -26.27 -0.40 13.25 N | 58.69 2.07 4.94 N | -23.10 -0.43 9.84 N | -108.91 -2.69 12.30 N | -256.19 -6.21 20.80 N |
| INDECK____OLEAN 23982 | 4.37 0.14 -11.69 N | 6.55 0.07 -18.98 N | 5.03 0.06 -12.70 N | 10.69 0.05 -11.16 N | 14.25 0.06 -21.73 N | 20.29 -0.01 -18.71 N | 35.25 -0.21 -18.08 N | 24.33 -0.01 -19.96 N | 36.74 -0.01 -15.02 N | -22.95 -0.07 -29.02 N | -158.31 1.21 -81.01 N | 15.20 -0.04 -28.15 N | 42.04 -0.08 -19.32 N | 87.73 0.01 -7.62 N | 29.53 -0.03 -33.70 N | 17.03 -0.23 -44.92 N | 24.21 -0.01 -19.68 N | 123.70 -0.78 -3.30 N | -37.39 1.56 -47.17 N | 23.24 0.01 -35.85 N | 74.86 -0.07 -13.37 N | 13.79 -0.02 -26.63 N | -57.93 2.69 -33.29 N | -161.59 11.31 -56.28 N |
| INDECK____OSWEGO 23783 | -2.30 -0.11 -5.28 N | -4.12 -0.18 -8.56 N | -2.10 -0.10 -5.73 N | 4.51 0.00 -5.04 N | 2.17 -0.10 -9.81 N | 10.06 0.02 -8.44 N | 25.89 0.35 -8.16 N | 13.52 0.14 -9.01 N | 29.13 0.69 -6.73 N | -40.66 -1.66 -12.90 N | -212.19 -7.67 -36.01 N | -0.86 -0.46 -12.51 N | 32.10 0.72 -8.59 N | 86.04 2.56 -3.38 N | 10.71 -0.14 -15.00 N | -10.51 -0.89 -18.05 N | 13.43 0.13 -8.76 N | 125.97 3.28 -1.51 N | -66.45 -1.99 -21.66 N | 3.66 -0.36 -16.64 N | 69.68 1.91 -6.21 N | -0.84 -0.37 -12.37 N | -80.09 -1.64 -15.46 N | -205.99 -2.94 -26.13 N |
| INDECK____YERKES 23781 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| INDIAN POINT_GT_1 24139 | 62.61 -0.56 -70.64 N | 101.27 -0.88 -114.65 N | 68.46 -0.55 -76.74 N | 66.88 -0.04 -67.44 N | 123.18 -0.53 -131.25 N | 114.75 0.12 -113.03 N | 127.96 1.33 -109.25 N | 125.29 0.35 -120.56 N | 117.12 1.85 -93.55 N | 129.22 -4.39 -185.51 N | 257.54 -19.74 -517.82 N | 165.96 -1.08 -179.95 N | 148.36 2.08 -123.48 N | 136.36 7.58 -48.68 N | 209.95 -0.36 -214.45 N | 243.16 -2.39 -273.22 N | 130.61 0.42 -125.65 N | 154.53 11.67 -21.68 N | 212.16 -7.62 -305.90 N | 209.08 -0.98 -222.68 N | 150.05 5.44 -83.05 N | 151.50 -1.09 -165.43 N | 104.21 -8.67 -206.78 N | 100.42 -19.97 -349.57 N |
| INDIAN POINT_GT_2 23659 | 62.61 -0.56 -70.64 N | 101.27 -0.88 -114.65 N | 68.46 -0.55 -76.74 N | 66.88 -0.04 -67.44 N | 123.18 -0.53 -131.25 N | 114.75 0.12 -113.03 N | 127.96 1.33 -109.25 N | 125.29 0.35 -120.56 N | 117.12 1.85 -93.55 N | 129.22 -4.39 -185.51 N | 257.54 -19.74 -517.82 N | 165.96 -1.08 -179.95 N | 148.36 2.08 -123.48 N | 136.36 7.58 -48.68 N | 209.95 -0.36 -214.45 N | 243.16 -2.39 -273.22 N | 130.61 0.42 -125.65 N | 154.53 11.67 -21.68 N | 212.16 -7.62 -305.90 N | 209.08 -0.98 -222.68 N | 150.05 5.44 -83.05 N | 151.50 -1.09 -165.43 N | 104.21 -8.67 -206.78 N | 100.42 -19.97 -349.57 N |
| INDIAN POINT_GT_3 24019 | 62.61 -0.56 -70.64 N | 101.27 -0.88 -114.65 N | 68.46 -0.55 -76.74 N | 66.88 -0.04 -67.44 N | 123.18 -0.53 -131.25 N | 114.75 0.12 -113.03 N | 127.96 1.33 -109.25 N | 125.29 0.35 -120.56 N | 117.12 1.85 -93.55 N | 129.22 -4.39 -185.51 N | 257.54 -19.74 -517.82 N | 165.96 -1.08 -179.95 N | 148.36 2.08 -123.48 N | 136.36 7.58 -48.68 N | 209.95 -0.36 -214.45 N | 243.16 -2.39 -273.22 N | 130.61 0.42 -125.65 N | 154.53 11.67 -21.68 N | 212.16 -7.62 -305.90 N | 209.08 -0.98 -222.68 N | 150.05 5.44 -83.05 N | 151.50 -1.09 -165.43 N | 104.21 -8.67 -206.78 N | 100.42 -19.97 -349.57 N |
| INDIAN POINT____2 23530 | 61.86 -0.54 -69.87 N | 100.05 -0.86 -113.41 N | 67.64 -0.54 -75.91 N | 66.14 -0.04 -66.71 N | 121.77 -0.52 -129.83 N | 113.52 0.12 -111.81 N | 126.75 1.31 -108.06 N | 123.97 0.34 -119.25 N | 116.04 1.81 -92.51 N | 127.33 -4.18 -183.41 N | 252.29 -19.15 -511.97 N | 163.95 -1.06 -177.92 N | 146.92 2.04 -122.09 N | 135.65 7.42 -48.13 N | 207.54 -0.35 -212.04 N | 240.23 -2.34 -270.24 N | 129.18 0.41 -124.23 N | 154.07 11.46 -21.44 N | 208.91 -7.44 -302.48 N | 206.69 -0.95 -220.26 N | 149.02 5.31 -82.15 N | 149.73 -1.07 -163.63 N | 102.06 -8.57 -204.54 N | 96.97 -19.64 -345.78 N |
| INDIAN POINT____3 23531 | 62.67 -0.54 -70.68 N | 101.37 -0.85 -114.71 N | 68.52 -0.53 -76.78 N | 66.91 -0.04 -67.47 N | 123.27 -0.51 -131.32 N | 114.80 0.12 -113.09 N | 127.96 1.28 -109.30 N | 125.34 0.34 -120.62 N | 117.10 1.78 -93.60 N | 129.54 -4.17 -185.61 N | 258.66 -18.90 -518.10 N | 166.11 -1.04 -180.05 N | 148.35 2.00 -123.55 N | 136.10 7.29 -48.71 N | 210.08 -0.34 -214.57 N | 243.39 -2.31 -273.36 N | 130.66 0.41 -125.71 N | 154.13 11.26 -21.69 N | 212.58 -7.36 -306.06 N | 209.23 -0.94 -222.79 N | 149.87 5.21 -83.09 N | 151.63 -1.05 -165.51 N | 104.60 -8.38 -206.89 N | 101.28 -19.29 -349.75 N |
| IP CORINTH____1 23988 | 92.06 -0.05 -99.57 N | 149.00 -0.11 -161.61 N | 100.37 -0.07 -108.17 N | 94.52 -0.02 -95.06 N | 177.38 -0.09 -185.01 N | 160.95 0.02 -159.33 N | 171.71 0.34 -153.99 N | 174.39 0.07 -169.94 N | 157.03 0.31 -134.99 N | 220.31 -0.68 -272.89 N | 517.77 -3.41 -761.71 N | 251.80 0.00 -264.72 N | 204.46 0.01 -181.64 N | 151.53 -0.18 -71.61 N | 310.26 -0.03 -314.43 N | 364.15 -0.07 -391.88 N | 194.72 -0.03 -190.22 N | 152.64 -1.36 -32.82 N | 369.22 0.40 -454.94 N | 301.17 -0.05 -313.83 N | 179.69 1.08 -117.05 N | 220.05 -0.27 -233.15 N | 195.00 -2.53 -291.43 N | 257.43 -6.07 -492.67 N |
| IP____TICONDEROGA 23804 | 87.19 -0.26 -94.92 N | 141.01 -0.54 -154.06 N | 95.02 -0.36 -103.12 N | 90.07 -0.03 -90.62 N | 168.45 -0.38 -176.36 N | 153.55 0.07 -151.88 N | 165.05 0.87 -146.79 N | 166.60 0.22 -161.99 N | 152.03 1.19 -129.12 N | 206.28 -3.54 -261.71 N | 474.29 -15.71 -730.53 N | 240.41 -0.56 -253.88 N | 198.01 1.00 -174.21 N | 151.78 3.00 -68.68 N | 297.09 -0.19 -301.42 N | 349.82 -1.34 -378.82 N | 193.57 0.11 -188.92 N | 156.37 2.59 -32.60 N | 358.23 -2.33 -446.67 N | 285.79 -0.73 -299.14 N | 176.55 3.42 -111.57 N | 208.63 -0.78 -222.24 N | 177.61 -6.28 -277.79 N | 225.03 -15.40 -469.61 N |
| JARVIS____ 23743 | -11.72 -0.05 4.21 N | -19.41 -0.08 6.82 N | -12.35 -0.05 4.57 N | -4.54 0.00 4.02 N | -15.41 -0.05 7.81 N | -5.13 0.01 6.73 N | 11.00 0.13 6.50 N | -2.77 0.03 7.18 N | 16.18 0.17 5.72 N | -63.89 -0.42 11.58 N | -274.79 -1.92 32.33 N | -24.25 -0.10 11.24 N | 15.27 0.18 7.71 N | 77.70 0.64 3.04 N | -17.52 -0.03 13.34 N | -44.58 -0.21 16.71 N | -3.23 0.04 7.80 N | 120.75 0.92 1.35 N | -105.63 -0.69 18.83 N | -25.96 -0.09 13.25 N | 57.11 0.49 4.94 N | -22.77 -0.10 9.84 N | -106.85 -0.64 12.30 N | -251.46 -1.48 20.80 N |
| JENNISON____1 23625 | 15.66 -0.36 -23.49 N | 24.96 -0.66 -38.13 N | 17.39 -0.41 -25.52 N | 21.90 -0.01 -22.43 N | 35.71 -0.40 -43.65 N | 39.29 0.10 -37.59 N | 54.84 1.12 -36.34 N | 44.83 0.35 -40.10 N | 53.47 1.64 -30.10 N | 2.47 -3.65 -58.01 N | -94.59 -15.99 -161.93 N | 42.35 -1.01 -56.27 N | 63.08 1.67 -38.61 N | 101.17 5.85 -15.22 N | 62.97 -0.28 -67.39 N | 60.78 -1.97 -90.41 N | 44.25 0.35 -39.36 N | 136.51 8.53 -6.79 N | 6.12 -4.91 -97.14 N | 60.64 -0.84 -74.10 N | 93.30 4.10 -27.64 N | 41.34 -0.88 -55.05 N | -29.96 -4.86 -68.81 N | -121.89 -9.04 -116.32 N |
| JENNISON____2 23626 | 15.67 -0.36 -23.49 N | 24.98 -0.65 -38.13 N | 17.39 -0.40 -25.52 N | 21.90 0.00 -22.43 N | 35.72 -0.40 -43.65 N | 39.28 0.09 -37.59 N | 54.81 1.09 -36.34 N | 44.82 0.35 -40.10 N | 53.42 1.60 -30.10 N | 2.59 -3.53 -58.01 N | -94.11 -15.51 -161.93 N | 42.38 -0.99 -56.27 N | 63.04 1.62 -38.61 N | 101.02 5.69 -15.22 N | 62.98 -0.27 -67.39 N | 60.83 -1.92 -90.41 N | 44.25 0.35 -39.36 N | 136.28 8.30 -6.79 N | 6.29 -4.73 -97.14 N | 60.66 -0.81 -74.10 N | 93.20 4.00 -27.64 N | 41.36 -0.86 -55.05 N | -29.76 -4.67 -68.81 N | -121.66 -8.81 -116.32 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 | N |
|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|---|
| KEDC PORT_JEFF_GT2 24210 | 62.84 -0.84 -71.15 N | 101.66 -1.31 -115.48 N | 68.75 -0.82 -77.29 N | 67.35 -0.05 -67.93 N | 123.89 -0.76 -132.19 N | 115.60 0.17 -113.85 N | 129.25 1.83 -110.03 N | 126.29 0.49 -121.42 N | 118.19 2.23 -94.23 N | 129.58 -5.42 -186.89 N | 262.15 -18.99 -521.67 N | 167.36 -1.03 -181.29 N | 149.46 2.26 -124.40 N | 137.68 8.54 -49.05 N | 211.59 -0.31 -216.04 N | 245.43 -2.10 -275.19 N | 131.55 0.44 -126.57 N | 155.44 12.41 -21.84 N | 215.04 -7.00 -308.16 N | 210.92 -0.74 -224.27 N | 151.29 6.08 -83.64 N | 152.40 -1.36 -166.59 N | 101.45 -12.91 -208.27 N | 91.86 -31.04 -352.08 N | |
| KEDC PORT_JEFF_GT3 24211 | 62.84 -0.84 -71.15 N | 101.66 -1.31 -115.48 N | 68.75 -0.82 -77.29 N | 67.35 -0.05 -67.93 N | 123.89 -0.76 -132.19 N | 115.60 0.17 -113.85 N | 129.25 1.83 -110.03 N | 126.29 0.49 -121.42 N | 118.19 2.23 -94.23 N | 129.58 -5.42 -186.89 N | 262.15 -18.99 -521.67 N | 167.36 -1.03 -181.29 N | 149.46 2.26 -124.40 N | 137.68 8.54 -49.05 N | 211.59 -0.31 -216.04 N | 245.43 -2.10 -275.19 N | 131.55 0.44 -126.57 N | 155.44 12.41 -21.84 N | 215.04 -7.00 -308.16 N | 210.92 -0.74 -224.27 N | 151.29 6.08 -83.64 N | 152.40 -1.36 -166.59 N | 101.45 -12.91 -208.27 N | 91.86 -31.04 -352.08 N | |
| KEDC_GLWD_GT4 24219 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.91 -0.65 -77.29 N | 67.36 -0.04 -67.93 N | 124.04 -0.62 -132.19 N | 115.58 0.14 -113.85 N | 128.97 1.56 -110.03 N | 126.22 0.42 -121.42 N | 118.12 2.17 -94.23 N | 129.50 -5.50 -186.89 N | 258.24 -22.89 -521.67 N | 167.09 -1.30 -181.29 N | 149.73 2.53 -124.40 N | 138.47 9.33 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.64 0.51 -126.59 N | 157.10 14.07 -21.84 N | 213.16 -8.88 -308.16 N | 210.54 -1.11 -224.27 N | 151.88 6.66 -83.65 N | 152.49 -1.34 -166.65 N | 103.81 -10.55 -208.27 N | 98.41 -24.49 -352.08 N | |
| KEDC_GLWD_GT5 24220 | 63.02 -0.66 -71.15 N | 101.93 -1.04 -115.48 N | 68.91 -0.65 -77.29 N | 67.36 -0.04 -67.93 N | 124.04 -0.62 -132.19 N | 115.58 0.14 -113.85 N | 128.97 1.56 -110.03 N | 126.22 0.42 -121.42 N | 118.12 2.17 -94.23 N | 129.50 -5.50 -186.89 N | 258.24 -22.89 -521.67 N | 167.09 -1.30 -181.29 N | 149.73 2.53 -124.40 N | 138.47 9.33 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.64 0.51 -126.59 N | 157.10 14.07 -21.84 N | 213.16 -8.88 -308.16 N | 210.54 -1.11 -224.27 N | 151.88 6.66 -83.65 N | 152.49 -1.34 -166.65 N | 103.81 -10.55 -208.27 N | 98.41 -24.49 -352.08 N | |
| KENSICO____ 23655 | 63.01 -0.58 -71.06 N | 101.91 -0.93 -115.33 N | 68.89 -0.58 -77.20 N | 67.28 -0.04 -67.84 N | 123.94 -0.55 -132.04 N | 115.43 0.12 -113.71 N | 128.68 1.40 -109.90 N | 126.02 0.37 -121.28 N | 117.79 1.95 -94.12 N | 130.22 -4.54 -186.66 N | 259.55 -20.94 -521.02 N | 167.01 -1.14 -181.07 N | 149.23 2.19 -124.24 N | 137.08 8.00 -48.98 N | 211.26 -0.37 -215.77 N | 244.68 -2.51 -274.85 N | 131.41 0.45 -126.42 N | 155.23 12.24 -21.81 N | 213.60 -8.05 -307.77 N | 210.36 -1.03 -224.00 N | 150.80 5.69 -83.54 N | 152.43 -1.15 -166.41 N | 105.09 -9.01 -208.01 N | 101.58 -20.89 -351.65 N | |
| KIAC_JFK_GT1 23816 | 63.06 -0.61 -71.13 N | 101.97 -0.99 -115.46 N | 68.92 -0.63 -77.28 N | 67.35 -0.04 -67.91 N | 124.03 -0.60 -132.18 N | 115.56 0.14 -113.83 N | 128.97 1.57 -110.02 N | 126.17 0.39 -121.41 N | 125.65 2.30 -101.63 N | 188.91 -4.80 -245.60 N | 256.89 -24.17 -521.60 N | 167.12 -1.24 -181.27 N | 149.60 2.41 -124.38 N | 137.99 8.86 -49.04 N | 211.46 -0.41 -216.01 N | 244.75 -2.73 -275.15 N | 131.60 0.50 -126.56 N | 156.46 13.44 -21.84 N | 213.18 -8.82 -308.11 N | 210.48 -1.15 -224.24 N | 151.51 6.32 -83.63 N | 152.49 -1.27 -166.59 N | 104.01 -10.32 -208.24 N | 98.75 -24.11 -352.03 N | |
| KIAC_JFK_GT2 23817 | 63.06 -0.61 -71.13 N | 101.97 -0.99 -115.46 N | 68.92 -0.63 -77.28 N | 67.35 -0.04 -67.91 N | 124.03 -0.60 -132.18 N | 115.56 0.14 -113.83 N | 128.97 1.57 -110.02 N | 126.17 0.39 -121.41 N | 125.65 2.30 -101.63 N | 188.91 -4.80 -245.60 N | 256.89 -24.17 -521.60 N | 167.12 -1.24 -181.27 N | 149.60 2.41 -124.38 N | 137.99 8.86 -49.04 N | 211.46 -0.41 -216.01 N | 244.75 -2.73 -275.15 N | 131.60 0.50 -126.56 N | 156.46 13.44 -21.84 N | 213.18 -8.82 -308.11 N | 210.48 -1.15 -224.24 N | 151.51 6.32 -83.63 N | 152.49 -1.27 -166.59 N | 104.01 -10.32 -208.24 N | 98.75 -24.11 -352.03 N | |
| KINTIGH____ 23543 | 0.42 0.32 -7.56 N | 0.22 0.44 -12.27 N | 0.79 0.31 -8.22 N | 6.71 0.01 -7.22 N | 6.84 0.33 -14.05 N | 13.61 -0.09 -12.10 N | 27.86 -1.22 -11.70 N | 16.98 -0.31 -12.91 N | 29.93 -1.50 -9.71 N | -30.63 2.53 -18.74 N | -175.03 13.19 -52.31 N | 5.98 0.71 -18.18 N | 33.67 -1.60 -12.47 N | 79.26 -5.75 -4.92 N | 17.80 0.18 -21.76 N | 2.56 1.35 -28.88 N | 16.92 -0.33 -12.71 N | 114.51 -8.86 -2.19 N | -49.86 5.00 -31.26 N | 11.74 0.57 -23.78 N | 66.33 -4.11 -8.87 N | 5.44 0.60 -17.67 N | -66.85 4.97 -22.09 N | -179.40 12.44 -37.34 N | |
| LEDERLE____ 23769 | 60.89 -0.62 -68.97 N | 98.46 -0.98 -111.94 N | 66.58 -0.61 -74.93 N | 65.28 -0.05 -65.85 N | 120.02 -0.59 -128.15 N | 112.09 0.13 -110.36 N | 125.52 1.48 -106.66 N | 122.47 0.39 -117.71 N | 115.04 2.03 -91.29 N | 124.34 -4.72 -180.94 N | 242.97 -21.58 -505.08 N | 161.41 -1.21 -175.53 N | 145.54 2.30 -120.45 N | 135.93 8.35 -47.49 N | 204.65 -0.40 -209.19 N | 236.37 -2.69 -266.73 N | 127.57 0.47 -122.56 N | 155.29 12.96 -21.15 N | 203.85 -8.48 -298.45 N | 203.69 -1.10 -217.41 N | 148.72 6.07 -81.09 N | 147.46 -1.23 -161.52 N | 98.50 -9.48 -201.90 N | 90.22 -21.91 -341.31 N | |
| LINDEN COGEN____ 23786 | 63.09 -0.58 -71.13 N | 102.06 -0.89 -115.46 N | 68.99 -0.56 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.12 -113.83 N | 128.76 1.36 -110.02 N | 126.14 0.36 -121.41 N | 117.88 1.93 -94.22 N | 130.49 -4.48 -186.86 N | 260.17 -20.89 -521.60 N | 167.25 -1.11 -181.27 N | 149.32 2.14 -124.38 N | 137.10 7.96 -49.04 N | 211.50 -0.37 -216.01 N | 245.03 -2.46 -275.15 N | 131.55 0.45 -126.56 N | 155.24 12.22 -21.84 N | 214.12 -7.87 -308.11 N | 210.63 -0.99 -224.24 N | 150.77 5.57 -83.63 N | 152.65 -1.11 -166.59 N | 105.40 -8.93 -208.24 N | 102.20 -20.65 -352.03 N | |
| LIPA_MISC_IPP 23656 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.36 1.95 -110.03 N | 126.34 0.53 -121.42 N | 118.41 2.46 -94.23 N | 129.01 -5.99 -186.89 N | 259.45 -21.69 -521.67 N | 167.18 -1.21 -181.29 N | 149.75 2.55 -124.40 N | 138.68 9.54 -49.05 N | 211.53 -0.37 -216.04 N | 245.06 -2.47 -275.19 N | 131.60 0.49 -126.57 N | 156.99 13.97 -21.84 N | 213.92 -8.11 -308.16 N | 210.77 -0.88 -224.27 N | 152.08 6.87 -83.64 N | 152.33 -1.43 -166.59 N | 101.19 -13.17 -208.27 N | 90.92 -31.98 -352.08 N | |
| LITTLE FALLS____HYD 24013 | -12.04 -0.37 4.21 N | -19.97 -0.65 6.82 N | -12.70 -0.40 4.57 N | -4.58 -0.04 4.02 N | -15.76 -0.40 7.81 N | -5.05 0.09 6.73 N | 11.83 0.95 6.50 N | -2.54 0.26 7.18 N | 17.39 1.39 5.72 N | -67.75 -4.28 11.58 N | -298.34 -25.48 32.33 N | -25.73 -1.59 11.24 N | 17.76 2.67 7.71 N | 86.80 9.74 3.04 N | -18.15 -0.67 13.34 N | -46.10 -1.73 16.71 N | -2.98 0.28 7.80 N | 127.40 7.56 1.35 N | -110.12 -5.17 18.83 N | -26.61 -0.74 13.25 N | 60.61 3.99 4.94 N | -23.50 -0.83 9.84 N | -111.31 -5.10 12.30 N | -262.19 -12.22 20.80 N | |
| LONG_LAKE_PHOENIX 24014 | -2.13 -0.06 -5.40 N | -3.85 -0.11 -8.76 N | -1.92 -0.05 -5.86 N | 4.63 0.00 -5.15 N | 2.44 -0.05 -10.03 N | 10.24 0.01 -8.63 N | 25.92 0.19 -8.35 N | 13.68 0.09 -9.21 N | 29.10 0.49 -6.89 N | -39.95 -1.28 -13.22 N | -209.36 -5.74 -36.91 N | -0.46 -0.37 -12.83 N | 32.18 0.58 -8.80 N | 85.60 2.03 -3.47 N | 11.11 -0.12 -15.37 N | -9.88 -0.73 -18.52 N | 13.61 0.09 -8.98 N | 125.23 2.51 -1.55 N | -65.50 -1.57 -22.19 N | 4.13 -0.27 -17.02 N | 69.27 1.36 -6.35 N | -0.45 -0.27 -12.64 N | -78.98 -0.88 -15.80 N | -203.81 -1.36 -26.72 N | |
| LOVETT____3 | 61.21 | 98.98 | 66.92 | 65.49 | 120.53 | 112.42 | 125.63 | 122.79 | 115.01 | 125.79 | 248.41 | 162.21 | 145.57 | 134.74 | 205.42 | 237.72 | 127.90 | 153.25 | 206.31 | 204.60 | 147.92 | 148.20 | 100.55 | 94.63 | |

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|--------------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 23632 | -0.52 -69.19 N | -0.82 -112.30 N | -0.51 -75.17 N | -0.04 -66.06 N | -0.49 -128.57 N | 0.11 -110.72 N | 1.24 -107.01 N | 0.32 -118.09 N | 1.70 -91.59 N | -3.86 -181.55 N | -17.83 -506.78 N | -1.00 -176.12 N | 1.92 -120.85 N | 7.00 -47.64 N | -0.33 -209.89 N | -2.21 -267.59 N | 0.39 -122.97 N | 10.85 -21.22 N | -7.01 -299.44 N | -0.89 -218.11 N | 5.01 -81.35 N | -1.01 -162.04 N | -8.09 -202.55 N | -18.60 -342.41 N |
| LOVETT___4 23642 | 61.18 -0.57 -69.22 N | 98.94 -0.90 -112.34 N | 66.90 -0.57 -75.19 N | 65.51 -0.04 -66.06 N | 120.52 -0.55 -128.61 N | 112.47 0.12 -110.75 N | 125.79 1.37 -107.05 N | 122.86 0.36 -118.13 N | 115.21 1.87 -91.62 N | 125.44 -4.28 -181.61 N | 246.76 -19.66 -506.95 N | 162.16 -1.10 -176.18 N | 145.81 2.11 -120.89 N | 135.44 7.69 -47.66 N | 205.46 -0.36 -209.96 N | 237.56 -2.45 -267.68 N | 127.98 0.43 -123.01 N | 154.33 11.93 -21.23 N | 205.63 -7.79 -299.54 N | 204.56 -1.00 -218.11 N | 148.48 5.54 -81.37 N | 148.14 -1.12 -162.09 N | 99.88 -8.83 -202.61 N | 93.03 -20.31 -342.52 N |
| LOVETT___5 23593 | 61.18 -0.57 -69.22 N | 98.94 -0.90 -112.34 N | 66.90 -0.57 -75.19 N | 65.51 -0.04 -66.06 N | 120.52 -0.55 -128.61 N | 112.47 0.12 -110.75 N | 125.79 1.37 -107.05 N | 122.86 0.36 -118.13 N | 115.21 1.87 -91.62 N | 125.44 -4.28 -181.61 N | 246.76 -19.66 -506.95 N | 162.16 -1.10 -176.18 N | 145.81 2.11 -120.89 N | 135.44 7.69 -47.66 N | 205.46 -0.36 -209.96 N | 237.56 -2.45 -267.68 N | 127.98 0.43 -123.01 N | 154.33 11.93 -21.23 N | 205.63 -7.79 -299.54 N | 204.56 -1.00 -218.11 N | 148.48 5.54 -81.37 N | 148.14 -1.12 -162.09 N | 99.88 -8.83 -202.61 N | 93.03 -20.31 -342.52 N |
| LOWER RAQUET___HYD 24057 | -8.86 0.44 1.84 N | -14.69 0.79 2.98 N | -9.24 0.49 1.99 N | -2.25 0.03 1.75 N | -10.49 0.46 3.41 N | -1.44 -0.09 2.94 N | 13.58 -0.97 2.84 N | 1.02 -0.23 3.13 N | 17.89 -1.28 2.55 N | -54.18 2.95 5.24 N | -241.61 13.54 14.62 N | -17.18 0.81 5.08 N | 17.97 -1.34 3.49 N | 73.74 -4.98 1.37 N | -9.89 0.27 6.02 N | -33.53 1.73 7.59 N | 0.74 -0.28 3.52 N | 113.41 -7.16 0.61 N | -89.51 5.05 8.44 N | -17.72 0.67 5.78 N | 56.02 -3.38 2.16 N | -16.35 0.77 4.29 N | -93.86 5.41 5.37 N | -226.45 11.80 9.07 N |
| LOWER___HUDSON 24059 | 86.98 -0.41 -94.86 N | 140.77 -0.70 -153.97 N | 94.91 -0.42 -103.06 N | 90.01 -0.03 -90.57 N | 168.31 -0.42 -176.27 N | 153.48 0.09 -151.80 N | 165.11 1.02 -146.71 N | 166.56 0.27 -161.90 N | 151.89 1.35 -128.82 N | 205.34 -3.39 -260.62 N | 471.48 -15.43 -727.44 N | 239.10 -0.80 -252.81 N | 197.66 1.39 -173.47 N | 153.41 4.92 -68.39 N | 295.81 -0.26 -300.21 N | 341.32 -1.81 -370.79 N | 183.07 0.27 -178.26 N | 159.18 7.25 -30.76 N | 336.83 -5.52 -428.46 N | 285.36 -0.77 -298.75 N | 176.88 3.89 -111.42 N | 208.31 -0.81 -221.94 N | 177.82 -5.70 -277.43 N | 226.24 -13.57 -468.99 N |
| LWR___OSWEGATCHIE_HYD 23850 | -7.20 0.26 0.00 N | -12.03 0.47 0.00 N | -7.44 0.29 0.00 N | -0.51 0.01 0.00 N | -7.27 0.27 0.00 N | 1.54 -0.05 0.00 N | 16.90 -0.48 0.00 N | 4.26 -0.12 0.00 N | 21.08 -0.64 0.00 N | -50.63 1.27 0.00 N | -234.58 5.95 0.00 N | -12.54 0.37 0.00 N | 22.16 -0.64 0.00 N | 77.64 -2.46 0.00 N | -4.00 0.14 0.00 N | -26.72 0.94 0.00 N | 4.38 -0.16 0.00 N | 117.18 -4.00 0.00 N | -83.33 2.79 0.00 N | -12.32 0.30 0.00 N | 60.15 -1.42 0.00 N | -12.47 0.35 0.00 N | -90.79 3.12 0.00 N | -222.23 6.94 0.00 N |
| LYONS_FALL_HYD 23570 | -7.45 0.02 0.00 N | -12.46 0.05 0.00 N | -7.70 0.03 0.00 N | -0.52 0.00 0.00 N | -7.52 0.02 0.00 N | 1.59 0.00 0.00 N | 17.47 0.09 0.00 N | 4.43 0.05 0.00 N | 21.97 0.25 0.00 N | -52.65 -0.76 0.00 N | -243.41 -2.88 0.00 N | -13.06 -0.15 0.00 N | 23.04 0.24 0.00 N | 80.84 0.74 0.00 N | -4.18 -0.04 0.00 N | -31.03 -0.26 3.10 N | 4.58 0.04 0.00 N | 122.26 1.08 0.00 N | -86.73 -0.61 0.00 N | -12.77 -0.15 0.00 N | 62.37 0.81 0.00 N | -12.97 -0.14 0.00 N | -94.03 -0.13 0.00 N | -229.42 -0.25 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | -15.12 0.14 7.79 N | -24.91 0.23 12.64 N | -16.07 0.12 8.46 N | -7.96 0.00 7.44 N | -21.93 0.08 14.47 N | -10.88 -0.01 12.46 N | 5.20 -0.13 12.04 N | -8.94 -0.03 13.29 N | 11.04 -0.15 10.53 N | -72.77 0.37 21.25 N | -298.15 1.70 59.31 N | -33.41 0.12 20.61 N | 8.42 -0.24 14.14 N | 73.47 -1.06 5.58 N | -28.58 0.06 24.49 N | -57.56 0.49 30.38 N | -9.85 -0.07 14.32 N | 116.69 -2.02 2.47 N | -119.69 1.06 34.63 N | -36.99 0.17 24.54 N | 51.84 -0.57 9.15 N | -30.91 0.15 18.23 N | -115.70 1.00 22.79 N | -264.90 2.81 38.53 N |
| MAPLE_RIDGE_WT_2 323611 | -15.12 0.14 7.79 N | -24.91 0.23 12.64 N | -16.07 0.12 8.46 N | -7.96 0.00 7.44 N | -21.93 0.08 14.47 N | -10.88 -0.01 12.46 N | 5.20 -0.13 12.04 N | -8.94 -0.03 13.29 N | 11.04 -0.15 10.53 N | -72.77 0.37 21.25 N | -298.15 1.70 59.31 N | -33.41 0.12 20.61 N | 8.42 -0.24 14.14 N | 73.47 -1.06 5.58 N | -28.58 0.06 24.49 N | -57.56 0.49 30.38 N | -9.85 -0.07 14.32 N | 116.69 -2.02 2.47 N | -119.69 1.06 34.63 N | -36.99 0.17 24.54 N | 51.84 -0.57 9.15 N | -30.91 0.15 18.23 N | -115.70 1.00 22.79 N | -264.90 2.81 38.53 N |
| MG INDUSTRY___DRP 24185 | 84.27 -0.46 -92.19 N | 136.35 -0.78 -149.64 N | 91.93 -0.49 -100.16 N | 87.46 -0.03 -88.02 N | 163.28 -0.48 -171.30 N | 149.22 0.10 -147.53 N | 161.04 1.08 -142.58 N | 162.00 0.27 -157.35 N | 146.87 1.41 -123.74 N | 192.93 -3.35 -248.17 N | 436.87 -15.34 -692.74 N | 227.02 -0.81 -240.74 N | 189.54 1.55 -165.19 N | 150.75 5.53 -65.13 N | 281.94 -0.27 -286.36 N | 329.16 -1.77 -358.60 N | 173.56 0.31 -168.71 N | 158.54 8.25 -29.11 N | 316.33 -5.66 -408.12 N | 277.32 -0.78 -290.71 N | 173.95 3.96 -108.43 N | 202.34 -0.81 -215.97 N | 170.02 -6.04 -269.97 N | 213.34 -13.86 -456.38 N |
| MID___OSWEGATCHIE_HYD 23849 | -7.20 0.26 0.00 N | -12.03 0.47 0.00 N | -7.44 0.29 0.00 N | -0.51 0.01 0.00 N | -7.27 0.27 0.00 N | 1.54 -0.05 0.00 N | 16.90 -0.48 0.00 N | 4.26 -0.12 0.00 N | 21.08 -0.64 0.00 N | -50.63 1.27 0.00 N | -234.58 5.95 0.00 N | -12.54 0.37 0.00 N | 22.16 -0.64 0.00 N | 77.64 -2.46 0.00 N | -4.00 0.14 0.00 N | -26.72 0.94 0.00 N | 4.38 -0.16 0.00 N | 117.18 -4.00 0.00 N | -83.33 2.79 0.00 N | -12.32 0.30 0.00 N | 60.15 -1.42 0.00 N | -12.47 0.35 0.00 N | -90.79 3.12 0.00 N | -222.23 6.94 0.00 N |
| MID___RAQUETTE_HYD 23851 | -8.86 0.44 1.84 N | -14.69 0.79 2.98 N | -9.24 0.49 1.99 N | -2.25 0.03 1.75 N | -10.49 0.46 3.41 N | -1.44 -0.09 2.94 N | 13.58 -0.97 2.84 N | 1.02 -0.23 3.13 N | 17.89 -1.28 2.55 N | -54.18 2.95 5.24 N | -241.61 13.54 14.62 N | -17.18 0.81 5.08 N | 17.97 -1.34 3.49 N | 73.74 -4.98 1.37 N | -9.89 0.27 6.02 N | -33.53 1.73 7.59 N | 0.74 -0.28 3.52 N | 113.41 -7.16 0.61 N | -89.51 5.05 8.44 N | -17.72 0.67 5.78 N | 56.02 -3.38 2.16 N | -16.35 0.77 4.29 N | -93.86 5.41 5.37 N | -226.45 11.80 9.07 N |
| MILLIKEN___1 23584 | 3.68 0.00 -11.14 N | 5.52 -0.07 -18.08 N | 4.35 -0.03 -12.10 N | 10.11 0.00 -10.64 N | 13.12 -0.04 -20.70 N | 19.44 0.02 -17.83 N | 34.66 0.05 -17.23 N | 23.51 0.12 -19.01 N | 36.11 0.12 -14.27 N | -24.65 -0.26 -27.50 N | -163.86 -0.09 -76.77 N | 13.29 -0.48 -26.68 N | 41.48 0.38 -18.31 N | 86.67 -0.65 -7.22 N | 27.85 0.04 -31.95 N | 13.48 -0.92 -42.06 N | 23.31 0.08 -18.68 N | 123.04 -1.38 -3.23 N | -38.52 1.40 -46.20 N | 22.35 -0.28 -35.24 N | 74.65 -0.06 -13.14 N | 13.17 -0.19 -26.18 N | -62.27 -1.09 -32.73 N | -174.60 -0.75 -55.33 N |
| MILLIKEN___2 23585 | 3.68 0.00 -11.14 N | 5.52 -0.07 -18.08 N | 4.35 -0.03 -12.10 N | 10.11 0.00 -10.64 N | 13.12 -0.04 -20.70 N | 19.44 0.02 -17.83 N | 34.66 0.05 -17.23 N | 23.51 0.12 -19.01 N | 36.11 0.12 -14.27 N | -24.65 -0.26 -27.50 N | -163.86 -0.09 -76.77 N | 13.29 -0.48 -26.68 N | 41.48 0.38 -18.31 N | 86.67 -0.65 -7.22 N | 27.85 0.04 -31.95 N | 13.48 -0.92 -42.06 N | 23.31 0.08 -18.68 N | 123.04 -1.38 -3.23 N | -38.52 1.40 -46.20 N | 22.35 -0.28 -35.24 N | 74.65 -0.06 -13.14 N | 13.17 -0.19 -26.18 N | -62.27 -1.09 -32.73 N | -174.60 -0.75 -55.33 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|----------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|----------------------------------|
| MILLIKEN___DIESEL 232629 | 3.68 0.00 -11.14 N | 5.52 -0.07 -18.08 N | 4.35 -0.03 -12.10 N | 10.11 0.00 -10.64 N | 13.12 -0.04 -20.70 N | 19.44 0.02 -17.83 N | 34.66 0.05 -17.23 N | 23.51 0.12 -19.01 N | 36.11 0.12 -14.27 N | -24.65 -0.26 -27.50 N | -163.86 -0.09 -76.77 N | 13.29 -0.48 -26.68 N | 41.48 0.38 -18.31 N | 86.67 -0.65 -7.22 N | 27.85 0.04 -31.95 N | 13.48 -0.92 -42.06 N | 23.31 0.08 -18.68 N | 123.04 -1.38 -3.23 N | -38.52 1.40 -46.20 N | 22.35 -0.28 -35.24 N | 74.65 -0.06 -13.14 N | 13.17 -0.19 -26.18 N | -62.27 -1.09 -32.73 N | -174.60 -0.75 -55.33 N |
| MILLSEAT___LFGE 323607 | 0.97 0.09 -8.35 N | 1.11 0.06 -13.55 N | 1.42 0.08 -9.07 N | 7.44 -0.01 -7.97 N | 8.07 0.10 -15.51 N | 14.91 -0.04 -13.36 N | 29.64 -0.65 -12.91 N | 18.47 -0.16 -14.25 N | 31.75 -0.68 -10.72 N | -30.62 0.58 -20.69 N | -178.32 4.46 -57.75 N | 7.39 0.22 -20.07 N | 35.79 -0.78 -13.77 N | 82.77 -2.76 -5.43 N | 19.91 0.03 -24.03 N | 4.55 0.31 -31.90 N | 18.40 -0.17 -14.04 N | 119.01 -4.59 -2.42 N | -49.55 2.07 -34.49 N | 13.75 0.12 -26.24 N | 69.51 -1.83 -9.79 N | 6.81 0.14 -19.50 N | -67.34 2.20 -24.37 N | -181.99 5.99 -41.20 N |
| MODEL_CITY_ENERGY 24167 | 1.57 0.23 -8.80 N | 2.06 0.27 -14.28 N | 2.04 0.21 -9.56 N | 7.89 0.01 -8.40 N | 9.05 0.24 -16.35 N | 15.60 -0.07 -14.08 N | 29.89 -1.10 -13.61 N | 19.11 -0.29 -15.02 N | 31.62 -1.40 -11.30 N | -27.88 2.19 -21.82 N | -167.81 11.81 -60.91 N | 8.90 0.64 -21.17 N | 35.82 -1.51 -14.53 N | 80.45 -5.37 -5.73 N | 21.34 0.14 -25.34 N | 7.14 1.13 -33.68 N | 19.03 -0.31 -14.80 N | 115.52 -8.20 -2.55 N | -45.29 4.48 -36.35 N | 15.50 0.47 -27.65 N | 68.17 -3.71 -10.31 N | 8.20 0.49 -20.54 N | -64.00 4.24 -25.68 N | -175.07 10.70 -43.41 N |
| MODERN_LFGE___ 323580 | 1.57 0.23 -8.80 N | 2.06 0.27 -14.28 N | 2.04 0.21 -9.56 N | 7.89 0.01 -8.40 N | 9.05 0.24 -16.35 N | 15.60 -0.07 -14.08 N | 29.89 -1.10 -13.61 N | 19.11 -0.29 -15.02 N | 31.62 -1.40 -11.30 N | -27.88 2.19 -21.82 N | -167.81 11.81 -60.91 N | 8.90 0.64 -21.17 N | 35.82 -1.51 -14.53 N | 80.45 -5.37 -5.73 N | 21.34 0.14 -25.34 N | 7.14 1.13 -33.68 N | 19.03 -0.31 -14.80 N | 115.52 -8.20 -2.55 N | -45.29 4.48 -36.35 N | 15.50 0.47 -27.65 N | 68.17 -3.71 -10.31 N | 8.20 0.49 -20.54 N | -64.00 4.24 -25.68 N | -175.07 10.70 -43.41 N |
| MOHAWK_PAPER___DRP 24187 | 88.12 -0.45 -96.03 N | 142.61 -0.76 -155.87 N | 96.13 -0.47 -104.33 N | 91.13 -0.03 -91.68 N | 170.44 -0.46 -178.44 N | 155.36 0.10 -153.67 N | 166.98 1.08 -148.52 N | 168.57 0.29 -163.90 N | 153.34 1.44 -130.18 N | 207.70 -3.58 -263.17 N | 477.57 -16.53 -734.63 N | 241.54 -0.85 -255.30 N | 199.56 1.58 -175.18 N | 154.75 5.58 -69.07 N | 298.84 -0.28 -303.27 N | 345.42 -1.91 -374.99 N | 184.05 0.32 -179.19 N | 160.41 8.31 -30.92 N | 339.42 -6.10 -431.64 N | 289.41 -0.82 -302.85 N | 178.65 4.13 -112.95 N | 211.32 -0.85 -224.99 N | 181.38 -5.95 -281.24 N | 232.24 -14.02 -475.44 N |
| MONGAUP___HYD 23641 | 57.31 -0.56 -65.34 N | 92.65 -0.89 -106.04 N | 62.69 -0.56 -70.98 N | 61.81 -0.04 -62.38 N | 113.32 -0.54 -121.40 N | 106.26 0.12 -104.55 N | 119.78 1.35 -101.05 N | 116.22 0.33 -111.51 N | 109.69 1.59 -86.38 N | 116.02 -3.12 -171.03 N | 221.30 -15.58 -477.41 N | 152.13 -0.87 -165.91 N | 138.34 1.69 -113.85 N | 131.15 6.17 -44.89 N | 193.33 -0.30 -197.77 N | 222.99 -1.96 -252.61 N | 120.74 0.35 -115.86 N | 150.75 9.58 -19.99 N | 189.88 -6.26 -282.25 N | 192.53 -0.81 -205.96 N | 142.91 4.54 -76.82 N | 139.18 -1.00 -153.01 N | 88.68 -8.67 -191.26 N | 74.67 -19.49 -323.33 N |
| MONTAUK___DIESEL 23721 | 62.53 -1.15 -71.15 N | 101.16 -1.82 -115.48 N | 68.43 -1.13 -77.29 N | 67.33 -0.07 -67.93 N | 123.56 -1.09 -132.19 N | 115.68 0.24 -113.85 N | 130.13 2.72 -110.03 N | 126.57 0.77 -121.42 N | 119.52 3.57 -94.23 N | 126.52 -8.48 -186.89 N | 247.57 -33.57 -521.67 N | 166.50 -1.89 -181.29 N | 150.92 3.72 -124.40 N | 142.91 13.76 -49.05 N | 211.32 -0.58 -216.04 N | 243.63 -3.90 -275.19 N | 131.84 0.73 -126.57 N | 163.16 20.14 -21.84 N | 209.71 -12.32 -308.16 N | 210.15 -1.51 -224.27 N | 155.58 10.37 -83.64 N | 151.66 -2.10 -166.59 N | 97.32 -17.04 -208.27 N | 81.63 -41.27 -352.08 N |
| MUNSVILLE_WIND_PWR 323609 | 12.02 -0.44 -19.92 N | 19.03 -0.80 -32.33 N | 13.43 -0.48 -21.64 N | 18.48 -0.02 -19.02 N | 28.98 -0.49 -37.01 N | 33.59 0.12 -31.87 N | 49.61 1.42 -30.81 N | 38.85 0.48 -33.99 N | 49.35 2.11 -25.52 N | -7.54 -4.82 -49.18 N | -124.55 -21.30 -137.28 N | 33.42 -1.38 -47.71 N | 57.61 2.08 -32.74 N | 99.72 6.72 -12.91 N | 52.66 -0.33 -57.13 N | 46.23 -2.50 -76.39 N | 38.36 0.45 -33.38 N | 136.60 9.65 -5.76 N | -9.57 -5.87 -82.41 N | 49.13 -1.11 -62.86 N | 89.13 4.12 -23.45 N | 32.83 -1.05 -46.70 N | -41.05 -5.51 -58.37 N | -141.69 -11.19 -98.68 N |
| N SALMON___HYD 24042 | -9.41 0.34 2.27 N | -15.57 0.62 3.69 N | -9.81 0.39 2.47 N | -2.67 0.03 2.17 N | -11.40 0.37 4.22 N | -2.12 -0.07 3.64 N | 13.17 -0.70 3.51 N | 0.36 -0.13 3.88 N | 17.87 -0.74 3.11 N | -56.37 1.86 6.33 N | -249.72 8.47 17.66 N | -18.51 0.54 6.14 N | 17.66 -0.93 4.21 N | 74.96 -3.48 1.66 N | -11.25 0.18 7.28 N | -35.53 1.24 9.11 N | 0.08 -0.20 4.26 N | 115.30 -5.15 0.73 N | -93.02 3.35 10.26 N | -19.32 0.45 7.16 N | 56.37 -2.52 2.67 N | -17.56 0.58 5.32 N | -96.48 4.08 6.65 N | -232.11 8.31 11.24 N |
| N.E_GEN_SANDY PD 24062 | 78.75 -0.43 -86.64 N | 100.01 -0.57 -110.10 N | 85.94 -0.46 -94.13 N | 82.16 -0.03 -82.72 N | 153.00 -0.45 -160.99 N | 140.33 0.10 -138.64 N | 152.42 1.04 -134.00 N | 152.52 0.27 -147.87 N | 141.36 1.36 -118.28 N | 185.03 -3.50 -240.42 N | 414.66 -15.88 -671.08 N | 219.52 -0.79 -233.22 N | 184.29 1.46 -160.03 N | 148.33 5.14 -63.09 N | 272.36 -0.27 -276.77 N | 307.89 -1.85 -337.40 N | 166.37 0.32 -161.51 N | 157.40 8.35 -27.87 N | 297.36 -6.09 -389.58 N | 259.66 -0.80 -273.08 N | 167.39 3.98 -101.85 N | 189.20 -0.84 -202.87 N | 153.22 -6.46 -253.59 N | 184.13 -15.39 -428.70 N |
| NARROWS_GT1_1 24228 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| NARROWS_GT1_2 24229 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| NARROWS_GT1_3 24230 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N |
| NARROWS_GT1_4 24231 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 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 |
| NARROWS_GT1_5 24232 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT1_6 24233 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT1_7 24234 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT1_8 24235 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_1 24236 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_2 24237 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_3 24238 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_4 24239 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_5 24240 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_6 24241 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_7 24242 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NARROWS_GT2_8 24243 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.39 -121.41 N | 118.04 2.10 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NEG CAPITAL___MECHNVIL 23645 | 87.67 -0.40 -95.53 N | 141.88 -0.68 -155.06 N | 95.65 -0.41 -103.79 N | 90.66 -0.03 -91.21 N | 169.56 -0.41 -177.51 N | 154.56 0.09 -152.87 N | 166.18 1.05 -147.75 N | 167.71 0.28 -163.05 N | 152.85 1.42 -129.71 N | 207.02 -3.48 -262.40 N | 475.86 -16.01 -732.41 N | 240.81 -0.81 -254.53 N | 198.87 1.42 -174.65 N | 153.96 5.00 -68.86 N | 297.85 -0.27 -302.27 N | 344.52 -1.84 -374.03 N | 185.09 0.28 -180.27 N | 159.53 7.25 -31.11 N | 341.12 -5.52 -432.76 N | 287.48 -0.80 -300.90 N | 178.01 4.22 -112.23 N | 209.87 -0.85 -223.55 N | 179.61 -5.91 -279.43 N | 229.39 -13.82 -472.38 N | |
| NEG CENTRAL_HIGH_ACRES | -0.70 | -1.58 | -0.39 | 5.91 | 5.01 | 12.38 | 27.63 | 15.85 | 30.24 | -35.38 | -194.11 | 3.22 | 33.79 | 83.99 | 15.21 | -2.26 | 15.85 | 122.29 | -58.15 | 8.54 | 69.44 | 2.87 | -73.69 | -194.26 | |

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| 23767 | 0.01 -6.75 N | -0.03 -10.95 N | 0.01 -7.33 N | -0.01 -6.44 N | 0.02 -12.54 N | -0.01 -10.80 N | -0.19 -10.44 N | -0.03 -11.50 N | -0.13 -8.64 N | -0.17 -16.68 N | -0.14 -46.56 N | -0.05 -16.18 N | -0.11 -11.10 N | -0.48 -4.38 N | -0.03 -19.39 N | -0.24 -25.64 N | -0.03 -11.33 N | -0.84 -1.96 N | 0.04 -27.93 N | -0.11 -21.27 N | -0.05 -7.93 N | -0.10 -15.80 N | 0.46 -19.75 N | 1.52 -33.39 N |
| NEG CENTRAL___DRP 24199 | 0.77 -0.08 -8.32 N | 0.82 -0.19 -13.51 N | 1.21 -0.10 -9.04 N | 7.43 0.01 -7.95 N | 7.82 -0.10 -15.46 N | 14.93 0.02 -13.31 N | 30.52 0.26 -12.87 N | 18.69 0.11 -14.20 N | 32.87 0.47 -10.67 N | -32.47 -1.17 -20.59 N | -187.63 -4.56 -57.47 N | 6.68 -0.38 -19.97 N | 37.05 0.54 -13.70 N | 87.34 1.84 -5.40 N | 19.66 -0.10 -23.91 N | 2.95 -0.83 -31.45 N | 18.63 0.11 -13.98 N | 126.06 2.47 -2.42 N | -52.74 -1.14 -34.52 N | 13.36 -0.32 -26.30 N | 72.89 1.51 -9.81 N | 6.36 -0.35 -19.54 N | -70.69 -1.21 -24.42 N | -188.55 -0.66 -41.29 N |
| NEG CENTRAL___INDECK 23768 | 2.75 -0.18 -10.40 N | 3.99 -0.39 -16.88 N | 3.36 -0.21 -11.30 N | 9.41 0.00 -9.93 N | 11.58 -0.20 -19.32 N | 18.28 0.04 -16.64 N | 33.87 0.40 -16.09 N | 22.28 0.16 -17.75 N | 35.85 0.77 -13.36 N | -28.26 -2.16 -25.79 N | -177.13 -8.60 -72.00 N | 11.54 -0.58 -25.02 N | 40.78 0.81 -17.17 N | 89.98 3.12 -6.77 N | 25.60 -0.21 -29.95 N | 10.89 -1.30 -39.85 N | 22.20 0.16 -17.50 N | 127.91 3.69 -3.04 N | -44.98 -2.28 -43.42 N | 19.86 -0.54 -33.02 N | 76.19 2.32 -12.31 N | 11.14 -0.56 -24.53 N | -65.22 -1.98 -30.66 N | -179.28 -1.94 -51.83 N |
| NEG CENTRAL___SENECA 23627 | 1.30 -0.13 -8.89 N | 1.64 -0.29 -14.43 N | 1.76 -0.17 -9.66 N | 7.97 0.01 -8.49 N | 8.82 -0.16 -16.52 N | 15.85 0.04 -14.22 N | 31.53 0.40 -13.75 N | 19.70 0.15 -15.17 N | 33.81 0.68 -11.41 N | -31.49 -1.61 -22.01 N | -185.63 -6.54 -61.44 N | 7.93 -0.51 -21.35 N | 38.19 0.74 -14.65 N | 88.56 2.69 -5.78 N | 21.27 -0.15 -25.57 N | 5.03 -1.12 -33.82 N | 19.64 0.15 -14.95 N | 127.28 3.51 -2.59 N | -50.93 -1.75 -36.94 N | 15.06 -0.43 -28.12 N | 74.12 2.07 -10.49 N | 7.59 -0.47 -20.89 N | -69.47 -1.68 -26.11 N | -186.42 -1.39 -44.14 N |
| NEG CENTRAL___STATE_STREET 24147 | 0.67 -0.17 -8.30 N | 0.63 -0.34 -13.47 N | 1.09 -0.20 -9.02 N | 7.40 -0.01 -7.93 N | 7.68 -0.20 -15.42 N | 14.92 0.05 -13.28 N | 30.73 0.52 -12.84 N | 18.73 0.20 -14.17 N | 33.12 0.76 -10.64 N | -33.24 -1.86 -20.51 N | -191.14 -7.86 -57.26 N | 6.36 -0.63 -19.90 N | 37.32 0.87 -13.66 N | 87.81 2.33 -5.38 N | 19.56 -0.13 -31.25 N | 2.33 -1.26 -31.25 N | 18.64 0.17 -13.93 N | 126.88 3.30 -2.41 N | -53.57 -1.85 -34.39 N | 13.08 -0.52 -26.22 N | 73.47 2.13 -9.78 N | 6.14 -0.51 -19.48 N | -72.07 -2.51 -24.35 N | -192.45 -4.43 -41.16 N |
| NEG MILLWOOD___DRP 24198 | 65.19 -0.61 -73.27 N | 105.45 -0.97 -118.93 N | 71.27 -0.61 -79.60 N | 69.39 -0.05 -69.95 N | 128.02 -0.58 -136.15 N | 118.97 0.13 -117.25 N | 132.17 1.47 -113.32 N | 129.83 0.40 -125.05 N | 121.00 2.07 -97.21 N | 136.43 -4.82 -193.15 N | 276.72 -21.93 -539.17 N | 173.27 -1.20 -187.38 N | 153.65 2.28 -128.57 N | 139.07 8.28 -50.69 N | 218.70 -0.39 -223.24 N | 253.39 -2.62 -283.68 N | 135.82 0.47 -130.82 N | 156.42 12.67 -22.57 N | 223.70 -8.40 -318.22 N | 217.26 -1.10 -230.98 N | 153.84 6.12 -86.15 N | 157.55 -1.22 -171.60 N | 111.40 -9.19 -214.49 N | 112.08 -21.35 -362.61 N |
| NEG NORTH_FLCN_SEA 23793 | -9.48 0.47 2.49 N | -15.71 0.84 4.05 N | -9.92 0.52 2.71 N | -2.87 0.03 2.38 N | -11.67 0.50 4.63 N | -2.50 -0.10 3.99 N | 12.49 -1.04 3.86 N | -0.13 -0.25 4.26 N | 17.08 -1.25 3.39 N | -55.56 3.21 6.88 N | -245.40 14.33 19.20 N | -18.73 0.85 6.67 N | 16.74 -1.48 4.58 N | 72.80 -5.50 1.81 N | -11.79 0.28 7.92 N | -35.67 1.86 9.87 N | -0.40 -0.31 4.63 N | 112.17 -8.21 0.80 N | -91.95 5.35 11.18 N | -19.73 0.75 7.86 N | 54.41 -4.22 2.93 N | -17.77 0.90 5.84 N | -95.06 6.14 7.30 N | -228.43 13.08 12.33 N |
| NEG NORTH_KES_CHATEGAY 23792 | -9.53 0.36 2.43 N | -15.79 0.66 3.95 N | -9.97 0.41 2.64 N | -2.82 0.02 2.32 N | -11.67 0.39 4.52 N | -2.38 -0.08 3.89 N | 12.83 -0.79 3.76 N | 0.04 -0.19 4.15 N | 17.42 -0.99 3.31 N | -56.10 2.51 6.72 N | -248.18 11.11 18.76 N | -18.74 0.68 6.52 N | 17.16 -1.17 4.47 N | 74.02 -4.32 1.76 N | -11.66 0.22 7.74 N | -35.82 1.50 9.65 N | -0.23 -0.25 4.53 N | 114.08 -6.32 0.78 N | -92.97 4.06 10.91 N | -19.70 0.58 7.66 N | 55.36 -3.34 2.85 N | -17.80 0.72 5.69 N | -96.16 4.85 7.11 N | -231.29 9.90 12.02 N |
| NEG NORTH___ALICE_FALLS 23915 | -9.49 0.43 2.46 N | -15.71 0.78 3.98 N | -9.91 0.49 2.67 N | -2.83 0.03 2.34 N | -11.64 0.47 4.56 N | -2.43 -0.09 3.93 N | 12.68 -0.90 3.80 N | -0.02 -0.21 4.19 N | 17.32 -1.05 3.34 N | -55.95 2.72 6.78 N | -247.40 12.06 18.93 N | -18.84 0.65 6.58 N | 17.17 -1.11 4.51 N | 74.14 -4.18 1.78 N | -11.74 0.22 7.81 N | -35.83 1.57 9.73 N | -0.31 -0.28 4.57 N | 113.20 -7.19 0.79 N | -92.48 4.66 11.01 N | -19.70 0.65 7.73 N | 55.03 -3.65 2.88 N | -17.78 0.80 5.75 N | -95.57 5.51 7.18 N | -229.72 11.59 12.14 N |
| NEG NORTH___LWR_SARANAC 23913 | -9.52 0.45 2.50 N | -15.76 0.79 4.05 N | -9.95 0.49 2.71 N | -2.87 0.03 2.38 N | -11.70 0.47 4.63 N | -2.50 -0.10 3.99 N | 12.56 -0.97 3.86 N | -0.10 -0.22 4.26 N | 17.20 -1.12 3.39 N | -55.79 2.99 6.88 N | -246.65 13.09 19.20 N | -18.75 0.83 6.67 N | 16.79 -1.44 4.58 N | 72.96 -5.33 1.81 N | -11.80 0.27 7.92 N | -35.77 1.77 9.87 N | -0.38 -0.29 4.63 N | 112.81 -7.58 0.80 N | -92.38 4.92 11.18 N | -19.80 0.68 7.86 N | 54.78 -3.85 2.93 N | -17.85 0.82 5.84 N | -95.62 5.58 7.30 N | -229.70 11.81 12.34 N |
| NEG NORTH___PLATTSBURG 23628 | -9.49 0.43 2.46 N | -15.71 0.78 3.98 N | -9.91 0.49 2.67 N | -2.83 0.03 2.34 N | -11.64 0.47 4.56 N | -2.43 -0.09 3.93 N | 12.68 -0.90 3.80 N | -0.02 -0.21 4.19 N | 17.32 -1.05 3.34 N | -55.95 2.72 6.78 N | -247.40 12.06 18.93 N | -18.84 0.65 6.58 N | 17.17 -1.11 4.51 N | 74.14 -4.18 1.78 N | -11.74 0.22 7.81 N | -35.83 1.57 9.73 N | -0.31 -0.28 4.57 N | 113.20 -7.19 0.79 N | -92.48 4.66 11.01 N | -19.70 0.65 7.73 N | 55.03 -3.65 2.88 N | -17.78 0.80 5.75 N | -95.57 5.51 7.18 N | -229.72 11.59 12.14 N |
| NEG WEST_LEA_LOCKPORT 23791 | 1.46 0.21 -8.72 N | 1.88 0.23 -14.15 N | 1.93 0.18 -9.47 N | 7.81 0.01 -8.32 N | 8.87 0.22 -16.20 N | 15.48 -0.06 -13.95 N | 29.84 -1.02 -13.48 N | 18.99 -0.26 -14.88 N | 31.63 -1.28 -11.19 N | -28.33 1.95 -21.61 N | -169.50 10.71 -60.32 N | 8.62 0.57 -20.96 N | 35.80 -1.39 -14.38 N | 80.87 -4.90 -5.67 N | 21.08 0.13 -25.10 N | 6.67 0.98 -33.35 N | 18.91 -0.29 -14.66 N | 116.10 -7.60 -2.52 N | -45.97 4.13 -36.01 N | 15.19 0.42 -27.39 N | 68.36 -3.41 -10.22 N | 7.95 0.43 -20.35 N | -64.61 3.86 -25.44 N | -175.89 10.28 -43.01 N |
| NEG WEST___LANCASTER 23811 | 2.28 0.12 -9.63 N | 3.21 0.08 -15.63 N | 2.82 0.10 -10.46 N | 8.67 0.00 -9.19 N | 10.47 0.12 -17.89 N | 16.96 -0.04 -15.41 N | 31.54 -0.73 -14.89 N | 20.64 -0.17 -16.43 N | 33.23 -0.86 -12.36 N | -26.99 1.03 -23.88 N | -167.31 6.57 -66.66 N | 10.56 0.31 -23.17 N | 37.81 -0.89 -15.89 N | 83.31 -3.06 -6.27 N | 23.63 0.04 -27.73 N | 9.65 0.42 -36.90 N | 20.55 -0.19 -16.20 N | 119.25 -4.71 -2.78 N | -43.99 2.41 -39.71 N | 17.75 0.17 -30.20 N | 70.91 -1.92 -11.26 N | 9.76 0.16 -22.43 N | -63.55 2.31 -28.04 N | -174.81 6.97 -47.41 N |
| NEG PENN_ALLEGHNY 23528 | 16.25 -0.14 -23.85 N | 25.91 -0.31 -38.72 N | 18.00 -0.19 -25.92 N | 22.27 0.02 -22.77 N | 36.61 -0.18 -44.33 N | 39.81 0.04 -38.17 N | 54.76 0.49 -36.89 N | 45.24 0.15 -40.71 N | 53.11 0.71 -30.67 N | 6.22 -1.19 -59.30 N | -80.36 -5.36 -165.54 N | 44.18 -0.43 -57.53 N | 63.05 0.78 -39.47 N | 98.78 3.12 -15.56 N | 64.59 -0.12 -68.86 N | 63.78 -0.92 -92.36 N | 44.93 0.19 -40.20 N | 132.75 4.63 -6.94 N | 11.17 -1.79 -99.08 N | 62.25 -0.34 -75.20 N | 91.79 2.18 -28.05 N | 42.63 -0.41 -55.87 N | -25.85 -1.78 -69.84 N | -112.20 -1.09 -118.06 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| NEG__GEN_MONROE 24207 | -0.20 -0.04 -7.30 N | -0.78 -0.14 -11.86 N | 0.15 -0.05 -7.94 N | 6.44 -0.01 -6.97 N | 5.99 -0.04 -13.57 N | 13.28 0.00 -11.69 N | 28.57 -0.11 -11.30 N | 16.85 0.00 -12.47 N | 31.17 0.08 -9.38 N | -34.72 -0.92 -18.10 N | -193.20 -3.18 -50.51 N | 4.44 -0.20 -17.55 N | 34.93 0.08 -12.04 N | 85.11 0.27 -4.75 N | 16.77 -0.09 -21.01 N | -0.34 -0.50 -27.83 N | 16.80 -0.01 -12.27 N | 122.99 -0.31 -2.12 N | -56.48 -0.58 -30.22 N | 10.16 -0.23 -23.00 N | 70.48 0.34 -8.58 N | 4.05 -0.21 -17.09 N | -72.67 -0.12 -21.36 N | -192.64 0.42 -36.11 N |
| NEPA__ENERGY 23901 | 6.70 0.40 -13.76 N | 10.26 0.42 -22.33 N | 7.47 0.25 -14.95 N | 12.71 0.10 -13.14 N | 18.25 0.22 -25.57 N | 23.57 -0.04 -22.02 N | 38.16 -0.50 -21.28 N | 27.75 -0.11 -23.48 N | 38.76 -0.64 -17.68 N | -15.01 2.71 -34.17 N | -131.56 13.58 -95.39 N | 20.60 0.37 -33.15 N | 44.84 -0.70 -22.75 N | 87.50 -1.57 -8.97 N | 35.69 0.15 -39.68 N | 26.03 0.70 -52.99 N | 27.64 -0.06 -23.17 N | 123.39 -1.78 -3.99 N | -24.22 5.01 -56.89 N | 31.06 0.47 -43.21 N | 76.43 -1.25 -16.12 N | 19.59 0.31 -32.10 N | -48.61 5.17 -40.13 N | -139.80 21.53 -67.84 N |
| NEVERSINK__HYD 23608 | 53.77 -0.52 -61.77 N | 86.88 -0.87 -100.26 N | 58.82 -0.56 -67.10 N | 58.41 -0.04 -58.97 N | 106.68 -0.55 -114.77 N | 100.56 0.12 -98.84 N | 114.27 1.35 -95.53 N | 110.14 0.34 -105.42 N | 104.63 1.30 -81.60 N | 107.59 -2.02 -161.50 N | 201.16 -9.12 -450.81 N | 143.22 -0.53 -156.67 N | 131.33 1.03 -107.50 N | 126.32 3.84 -42.38 N | 182.45 -0.17 -186.76 N | 209.98 -1.18 -238.82 N | 114.30 0.31 -109.45 N | 148.87 8.81 -18.88 N | 173.26 -7.29 -266.67 N | 181.08 -1.01 -194.72 N | 139.76 5.57 -72.62 N | 130.70 -1.13 -144.66 N | 78.71 -8.20 -180.82 N | 57.85 -18.65 -305.68 N |
| NEWTON__FALLS_HYD 23847 | -7.20 0.26 0.00 N | -12.03 0.47 0.00 N | -7.44 0.29 0.00 N | -0.51 0.01 0.00 N | -7.27 0.27 0.00 N | 1.54 -0.05 0.00 N | 16.90 -0.48 0.00 N | 4.26 -0.12 0.00 N | 21.08 -0.63 0.00 N | -50.63 1.27 0.00 N | -234.58 5.95 0.00 N | -12.54 0.37 0.00 N | 22.16 -0.64 0.00 N | 77.64 -2.46 0.00 N | -4.00 0.14 0.00 N | -26.72 0.94 0.00 N | 4.38 -0.16 0.00 N | 117.18 -4.00 0.00 N | -83.33 2.79 0.00 N | -12.32 0.30 0.00 N | 60.15 -1.42 0.00 N | -12.47 0.35 0.00 N | -90.79 3.12 0.00 N | -222.23 6.94 0.00 N |
| NIAGARA____ 23760 | 1.53 0.30 -8.69 N | 2.00 0.39 -14.11 N | 2.00 0.28 -9.45 N | 7.79 0.01 -8.30 N | 8.93 0.31 -16.16 N | 15.42 -0.09 -13.91 N | 29.53 -1.30 -13.45 N | 18.87 -0.35 -14.84 N | 31.20 -1.68 -11.16 N | -27.39 2.95 -21.56 N | -165.41 14.96 -60.17 N | 8.82 0.82 -20.91 N | 35.32 -1.83 -14.35 N | 79.25 -6.51 -5.66 N | 21.09 0.20 -25.03 N | 7.10 1.49 -33.27 N | 18.79 -0.37 -14.62 N | 113.87 -9.83 -2.52 N | -44.69 5.51 -35.92 N | 15.34 0.63 -27.32 N | 67.19 -4.57 -10.19 N | 8.12 0.65 -20.30 N | -63.31 5.23 -25.37 N | -173.31 12.97 -42.89 N |
| NINE_MILE_1 23575 | -3.85 0.13 -3.49 N | -6.63 0.21 -5.67 N | -3.80 0.13 -3.79 N | 2.82 0.01 -3.33 N | -0.92 0.13 -6.49 N | 7.15 -0.03 -5.59 N | 22.44 -0.34 -5.40 N | 10.26 -0.08 -5.96 N | 25.82 -0.38 -4.47 N | -42.45 0.82 -8.62 N | -212.41 4.06 -24.07 N | -4.34 0.20 -8.37 N | 28.13 -0.41 -5.74 N | 80.93 -1.43 -2.26 N | 5.94 0.06 -10.02 N | -13.70 0.43 -13.54 N | 10.30 -0.08 -5.84 N | 119.91 -2.28 -1.01 N | -70.07 1.63 -14.43 N | -1.41 0.21 -11.00 N | 64.56 -1.11 -4.10 N | -4.45 0.21 -8.18 N | -81.84 1.85 -10.22 N | -206.97 4.94 -17.27 N |
| NINE_MILE_2 23744 | -3.85 0.13 -3.49 N | -6.63 0.20 -5.67 N | -3.81 0.13 -3.79 N | 2.82 0.01 -3.33 N | -0.92 0.13 -6.49 N | 7.15 -0.03 -5.59 N | 22.44 -0.34 -5.40 N | 10.26 -0.08 -5.96 N | 25.82 -0.37 -4.47 N | -42.44 0.83 -8.62 N | -212.41 4.05 -24.07 N | -4.34 0.20 -8.37 N | 28.14 -0.40 -5.74 N | 80.94 -1.42 -2.26 N | 5.94 0.06 -10.02 N | -13.70 0.43 -13.54 N | 10.31 -0.08 -5.84 N | 119.91 -2.27 -1.01 N | -70.15 1.54 -14.43 N | -1.41 0.21 -11.00 N | 64.57 -1.09 -4.10 N | -4.45 0.21 -8.18 N | -81.84 1.85 -10.22 N | -206.97 4.94 -17.27 N |
| NM_CAPITAL__DRP 24208 | 86.82 -0.46 -94.75 N | 140.51 -0.77 -153.78 N | 94.72 -0.48 -102.93 N | 89.90 -0.03 -90.46 N | 168.04 -0.47 -176.05 N | 153.30 0.10 -151.61 N | 165.00 1.09 -146.53 N | 166.37 0.29 -161.70 N | 151.54 1.44 -128.38 N | 204.37 -3.62 -259.89 N | 468.30 -16.77 -725.60 N | 238.38 0.88 -252.17 N | 197.46 1.62 -173.03 N | 154.06 5.74 -68.22 N | 295.15 -0.30 -299.59 N | 341.46 -1.94 -371.06 N | 181.80 0.33 -176.94 N | 160.25 8.54 -30.53 N | 334.15 -6.19 -426.47 N | 286.41 -0.81 -299.84 N | 177.46 4.07 -111.83 N | 209.10 -0.82 -222.75 N | 178.68 -5.85 -278.44 N | 227.74 -13.79 -470.70 N |
| NM_CENTRAL__DRP 24181 | -1.48 -0.07 -6.05 N | -2.80 -0.13 -9.83 N | -1.22 -0.07 -6.58 N | 5.26 0.00 -5.78 N | 3.64 -0.07 -11.25 N | 11.30 0.02 -9.69 N | 26.94 0.20 -9.36 N | 14.79 0.08 -10.33 N | 29.83 0.39 -7.73 N | -38.04 -0.97 -14.83 N | -203.09 -3.96 -41.40 N | 1.19 -0.28 -14.39 N | 33.12 0.44 -9.87 N | 85.58 1.60 -3.89 N | 13.01 -0.09 -17.24 N | -9.12 -0.71 -19.25 N | 14.70 0.09 -10.07 N | 125.16 2.24 -1.74 N | -62.44 -1.21 -24.89 N | 6.25 -0.23 -19.09 N | 69.87 1.18 -7.12 N | 1.11 -0.25 -14.19 N | -77.05 -0.88 -17.73 N | -200.30 -1.10 -29.98 N |
| NM_FRONTIER__DRP 24179 | 1.67 0.28 -8.85 N | 2.22 0.35 -14.37 N | 2.15 0.26 -9.62 N | 7.94 0.01 -8.45 N | 9.20 0.29 -16.45 N | 15.67 -0.08 -14.16 N | 29.81 -1.26 -13.69 N | 19.15 -0.34 -15.11 N | 31.43 -1.66 -11.37 N | -27.13 2.81 -21.95 N | -164.80 14.47 -61.27 N | 9.17 0.79 -21.29 N | 35.63 -1.78 -14.61 N | 79.49 -6.36 -5.76 N | 21.53 0.19 -25.49 N | 7.64 1.42 -33.88 N | 19.06 -0.37 -14.89 N | 114.20 -9.54 -2.56 N | -44.31 5.25 -36.56 N | 15.79 0.60 -27.81 N | 67.54 -4.39 -10.37 N | 8.45 0.62 -20.66 N | -63.13 4.96 -25.82 N | -173.10 12.42 -43.65 N |
| NM_ST_REGIS__HYD 24053 | -8.95 0.42 1.91 N | -14.84 0.76 3.10 N | -9.33 0.47 2.07 N | -2.32 0.02 1.82 N | -10.64 0.45 3.55 N | -1.55 -0.09 3.05 N | 13.52 -0.91 2.95 N | 0.91 -0.21 3.26 N | 17.91 -1.17 2.64 N | -54.63 2.68 5.42 N | -243.30 12.35 15.12 N | -17.41 0.76 5.26 N | 17.93 -1.27 3.61 N | 73.99 -4.69 1.42 N | -10.12 0.25 6.23 N | -33.88 1.63 7.84 N | 0.63 -0.27 3.64 N | 113.78 -6.78 8.74 N | -90.15 4.71 6.01 N | -18.00 0.63 2.24 N | 56.07 -3.25 4.47 N | -16.55 0.74 5.58 N | -94.23 5.25 5.58 N | -227.52 11.10 9.43 N |
| NORTHPORT__1 23551 | 62.98 -0.70 -71.15 N | 101.89 -1.09 -115.48 N | 68.88 -0.68 -77.29 N | 67.36 -0.04 -67.93 N | 124.03 -0.63 -132.19 N | 115.58 0.14 -113.85 N | 128.98 1.56 -110.03 N | 126.21 0.41 -121.42 N | 117.83 1.87 -94.23 N | 130.03 -4.97 -186.89 N | 264.12 -17.02 -521.67 N | 167.42 -0.97 -181.29 N | 149.29 2.09 -124.40 N | 137.07 7.93 -49.05 N | 211.61 -0.29 -216.04 N | 245.54 -1.99 -275.19 N | 131.52 0.41 -126.57 N | 154.80 11.78 -21.84 N | 215.28 -6.76 -308.16 N | 210.93 -0.72 -224.27 N | 150.87 5.66 -83.64 N | 152.58 -1.18 -166.59 N | 103.10 -11.26 -208.27 N | 96.07 -26.83 -352.08 N |
| NORTHPORT__2 23552 | 62.98 -0.70 -71.15 N | 101.89 -1.09 -115.48 N | 68.88 -0.68 -77.29 N | 67.36 -0.04 -67.93 N | 124.03 -0.63 -132.19 N | 115.58 0.14 -113.85 N | 128.98 1.56 -110.03 N | 126.21 0.41 -121.42 N | 117.83 1.87 -94.23 N | 130.03 -4.97 -186.89 N | 264.12 -17.02 -521.67 N | 167.42 -0.97 -181.29 N | 149.29 2.09 -124.40 N | 137.07 7.93 -49.05 N | 211.61 -0.29 -216.04 N | 245.54 -1.99 -275.19 N | 131.52 0.41 -126.57 N | 154.80 11.78 -21.84 N | 215.28 -6.76 -308.16 N | 210.93 -0.72 -224.27 N | 150.87 5.66 -83.64 N | 152.58 -1.18 -166.59 N | 103.10 -11.26 -208.27 N | 96.07 -26.83 -352.08 N |
| NORTHPORT__3 23553 | 63.03 -0.65 -71.15 N | 101.95 -1.03 -115.48 N | 68.92 -0.64 -77.29 N | 67.36 -0.04 -67.93 N | 124.07 -0.59 -132.19 N | 115.57 0.13 -113.85 N | 128.88 1.47 -110.03 N | 126.18 0.38 -121.42 N | 117.79 1.84 -94.23 N | 130.22 -4.77 -186.89 N | 264.26 -16.88 -521.67 N | 167.45 -0.93 -181.29 N | 149.24 2.04 -124.40 N | 136.81 7.67 -49.05 N | 211.61 -0.29 -216.04 N | 245.55 -1.97 -275.19 N | 131.51 0.40 -126.57 N | 154.75 11.72 -21.84 N | 215.26 -6.78 -308.16 N | 210.91 -0.74 -224.27 N | 150.70 5.49 -83.64 N | 152.63 -1.13 -166.59 N | 104.02 -10.34 -208.27 N | 98.29 -24.61 -352.08 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|---|
| NORTHPORT___4 23650 | 63.03 -0.65 -71.15 N | 101.95 -1.03 -115.48 N | 68.92 -0.64 -77.29 N | 67.36 -0.04 -67.93 N | 124.07 -0.59 -132.19 N | 115.57 0.13 -113.85 N | 128.88 1.47 -110.03 N | 126.18 0.38 -121.42 N | 117.79 1.84 -94.23 N | 130.22 -4.77 -186.89 N | 264.26 -16.88 -521.67 N | 167.45 -0.93 -181.29 N | 149.24 2.04 -124.40 N | 136.81 7.67 -49.05 N | 211.61 -0.29 -216.04 N | 245.55 -1.97 -275.19 N | 131.51 0.40 -126.57 N | 154.75 11.72 -21.84 N | 215.26 -6.78 -308.16 N | 210.91 -0.74 -224.27 N | 150.70 5.49 -83.64 N | 152.63 -1.13 -166.59 N | 104.02 -10.34 -208.27 N | 98.29 -24.61 -352.08 N | |
| NORTHPORT___IC 23718 | 62.98 -0.70 -71.15 N | 101.89 -1.09 -115.48 N | 68.88 -0.68 -77.29 N | 67.36 -0.04 -67.93 N | 124.03 -0.63 -132.19 N | 115.58 0.14 -113.85 N | 128.98 1.56 -110.03 N | 126.21 0.41 -121.42 N | 117.83 1.87 -94.23 N | 130.03 -4.97 -186.89 N | 264.12 -17.02 -521.67 N | 167.42 -0.97 -181.29 N | 149.29 2.09 -124.40 N | 137.07 7.93 -49.05 N | 211.61 -0.29 -216.04 N | 245.54 -1.99 -275.19 N | 131.52 0.41 -126.57 N | 154.80 11.78 -21.84 N | 215.28 -6.76 -308.16 N | 210.93 -0.72 -224.27 N | 150.87 5.66 -83.64 N | 152.58 -1.18 -166.59 N | 103.10 -11.26 -208.27 N | 96.07 -26.83 -352.08 N | |
| NPX_GEN_1385_PROXY 323591 | 62.97 -0.71 -71.15 N | 79.88 -0.86 -90.26 N | 68.86 -0.70 -77.29 N | 67.36 -0.05 -67.93 N | 124.01 -0.64 -132.19 N | 115.58 0.14 -113.85 N | 129.01 1.59 -110.03 N | 126.22 0.41 -121.42 N | 117.87 1.91 -94.23 N | 130.03 -4.97 -186.89 N | 263.65 -17.49 -521.67 N | 167.40 -0.99 -181.29 N | 149.33 2.13 -124.40 N | 137.23 8.08 -49.05 N | 211.60 -0.30 -216.04 N | 245.48 -2.04 -275.19 N | 131.53 0.42 -126.57 N | 155.03 12.01 -21.84 N | 215.19 -6.84 -308.16 N | 210.91 -0.74 -224.27 N | 150.96 5.76 -83.64 N | 152.56 -1.20 -166.59 N | 103.03 -11.33 -208.27 N | 95.62 -27.28 -352.08 N | |
| NPX_GEN_CSC 323557 | 62.81 -0.87 -71.15 N | 79.70 -1.04 -90.26 N | 68.72 -0.84 -77.29 N | 67.35 -0.06 -67.93 N | 123.87 -0.79 -132.19 N | 115.61 0.17 -113.85 N | 129.27 1.85 -110.03 N | 126.31 0.51 -121.42 N | 118.26 2.30 -94.23 N | 129.53 -5.46 -186.89 N | 261.73 -19.41 -521.67 N | 167.30 -1.08 -181.29 N | 149.53 2.33 -124.40 N | 137.93 8.78 -49.05 N | 211.57 -0.33 -216.04 N | 245.31 -2.22 -275.19 N | 131.56 0.45 -126.57 N | 155.85 12.83 -21.84 N | 214.71 -7.33 -308.16 N | 210.89 -0.76 -224.27 N | 151.36 6.16 -83.64 N | 152.47 -1.29 -166.59 N | 101.70 -12.67 -208.27 N | 92.11 -30.79 -352.08 N | |
| NSINS_S_GLNS_FALLS 23858 | 91.02 -0.17 -98.65 N | 147.30 -0.31 -160.11 N | 99.25 -0.19 -107.17 N | 93.64 -0.02 -94.18 N | 175.54 -0.22 -183.30 N | 159.50 0.05 -157.86 N | 170.58 0.63 -152.57 N | 172.89 0.15 -168.37 N | 156.34 0.81 -133.81 N | 216.79 -1.88 -270.57 N | 505.86 -8.85 -755.24 N | 249.23 -0.33 -262.47 N | 203.48 0.58 -180.10 N | 152.96 1.86 -71.00 N | 307.46 -0.14 -311.74 N | 359.98 -0.78 -388.42 N | 193.40 0.08 -188.78 N | 155.52 1.77 -32.57 N | 363.42 -1.76 -451.30 N | 297.91 -0.37 -310.90 N | 180.08 2.56 -115.96 N | 217.63 -0.51 -230.97 N | 190.86 -3.94 -288.71 N | 249.61 -9.28 -488.07 N | |
| NUCOR_STEEL___DRP 24197 | 0.69 -0.14 -8.29 N | 0.68 -0.28 -13.46 N | 1.12 -0.16 -9.01 N | 7.39 -0.01 -7.92 N | 7.70 -0.16 -15.41 N | 14.90 0.04 -13.27 N | 30.61 0.40 -12.82 N | 18.69 0.16 -14.15 N | 32.91 0.56 -10.62 N | -32.86 -1.45 -20.48 N | -189.32 -5.95 -57.17 N | 6.40 -0.55 -19.87 N | 37.13 0.69 -13.63 N | 87.00 1.52 -5.37 N | 19.56 -0.09 -23.79 N | 2.44 -1.07 -31.17 N | 18.59 0.14 -13.91 N | 125.84 2.25 -2.40 N | -53.03 -1.25 -34.34 N | 13.12 -0.44 -26.18 N | 72.97 1.64 -9.76 N | 6.19 -0.43 -19.45 N | -71.75 -2.16 -24.31 N | -191.73 -3.66 -41.11 N | |
| NYISO_LBMP_REFERENCE 24008 | -7.47 0.00 0.00 N | -12.50 0.00 0.00 N | -7.73 0.00 0.00 N | -0.52 0.00 0.00 N | -7.54 0.00 0.00 N | 1.59 0.00 0.00 N | 17.38 0.00 0.00 N | 4.38 0.00 0.00 N | 21.72 0.00 0.00 N | -51.89 0.00 0.00 N | -240.53 0.00 0.00 N | -12.91 0.00 0.00 N | 22.80 0.00 0.00 N | 80.10 0.00 0.00 N | -4.15 0.00 0.00 N | -27.66 0.00 0.00 N | 4.54 0.00 0.00 N | 121.18 0.00 0.00 N | -86.12 0.00 0.00 N | -12.62 0.00 0.00 N | 61.56 0.00 0.00 N | -12.83 0.00 0.00 N | -93.91 0.00 0.00 N | -229.18 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 62.90 -0.78 -71.15 N | 101.76 -1.22 -115.48 N | 68.81 -0.75 -77.29 N | 67.36 -0.05 -67.93 N | 123.95 -0.70 -132.19 N | 115.59 0.15 -113.85 N | 129.15 1.74 -110.03 N | 126.27 0.47 -121.42 N | 118.07 2.11 -94.23 N | 129.83 -5.17 -186.89 N | 262.66 -18.48 -521.67 N | 167.33 -1.05 -181.29 N | 149.45 2.25 -124.40 N | 137.65 8.50 -49.05 N | 211.58 -0.32 -216.04 N | 245.33 -2.20 -275.19 N | 131.55 0.44 -126.57 N | 155.63 12.61 -21.84 N | 214.76 -7.27 -308.16 N | 210.86 -0.80 -224.27 N | 151.31 6.11 -83.64 N | 152.45 -1.31 -166.59 N | 101.92 -12.44 -208.27 N | 93.09 -29.81 -352.08 N | |
| NYPA_GOWANUS____GT5 24156 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.38 -121.41 N | 118.04 2.09 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NYPA_GOWANUS____GT6 24157 | 63.04 -0.64 -71.14 N | 101.96 -1.00 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.14 -113.83 N | 128.88 1.48 -110.02 N | 126.17 0.38 -121.41 N | 118.04 2.09 -94.22 N | 130.15 -4.82 -186.86 N | 258.71 -22.35 -521.60 N | 167.12 -1.24 -181.27 N | 149.61 2.43 -124.39 N | 138.09 8.95 -49.04 N | 211.47 -0.40 -216.01 N | 244.81 -2.68 -275.15 N | 131.60 0.49 -126.56 N | 156.55 13.52 -21.84 N | 213.46 -8.53 -308.11 N | 210.55 -1.08 -224.24 N | 151.33 6.13 -83.63 N | 152.53 -1.23 -166.59 N | 104.46 -9.87 -208.24 N | 100.13 -22.73 -352.03 N | |
| NYPA_HARLEM__RVR__GT1 24160 | 63.08 -0.59 -71.14 N | 102.02 -0.94 -115.46 N | 68.97 -0.58 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.13 -113.83 N | 128.79 1.39 -110.02 N | 124.60 0.35 -119.87 N | 107.68 2.03 -83.93 N | 124.82 -4.63 -181.34 N | 260.15 -20.91 -521.60 N | 167.20 -1.15 -181.27 N | 149.48 2.29 -124.38 N | 137.52 8.39 -49.04 N | 211.57 -0.30 -216.01 N | 245.02 -2.47 -275.15 N | 131.57 0.47 -126.56 N | 155.70 12.68 -21.84 N | 214.10 -7.89 -308.11 N | 210.66 -0.96 -224.24 N | 150.99 5.79 -83.63 N | 152.60 -1.17 -166.59 N | 104.65 -9.68 -208.24 N | 100.34 -22.51 -352.03 N | |
| NYPA_HARLEM__RVR__GT2 24161 | 63.08 -0.59 -71.14 N | 102.02 -0.94 -115.46 N | 68.97 -0.58 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.13 -113.83 N | 128.79 1.39 -110.02 N | 124.60 0.35 -119.87 N | 107.68 2.03 -83.93 N | 124.82 -4.63 -181.34 N | 260.15 -20.91 -521.60 N | 167.20 -1.15 -181.27 N | 149.48 2.29 -124.38 N | 137.52 8.39 -49.04 N | 211.57 -0.30 -216.01 N | 245.02 -2.47 -275.15 N | 131.57 0.47 -126.56 N | 155.70 12.68 -21.84 N | 214.10 -7.89 -308.11 N | 210.66 -0.96 -224.24 N | 150.99 5.79 -83.63 N | 152.60 -1.17 -166.59 N | 104.65 -9.68 -208.24 N | 100.34 -22.51 -352.03 N | |
| NYPA_KENT____GT 24152 | 63.05 -0.62 -71.14 N | 101.99 -0.97 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.86 1.46 -110.02 N | 126.17 0.39 -121.41 N | 118.03 2.08 -94.22 N | 130.21 -4.76 -186.86 N | 258.97 -22.10 -521.60 N | 167.15 -1.21 -181.27 N | 149.56 2.37 -124.39 N | 137.86 8.72 -49.04 N | 211.49 -0.38 -216.01 N | 244.86 -2.63 -275.15 N | 131.59 0.48 -126.56 N | 156.25 13.23 -21.84 N | 213.63 -8.36 -308.11 N | 210.58 -1.05 -224.24 N | 151.15 5.96 -83.63 N | 152.57 -1.19 -166.59 N | 104.65 -9.68 -208.24 N | 100.36 -22.49 -352.03 N | |
| NYPA_POUCH1____GT | 63.02 | 101.94 | 68.93 | 67.33 | 124.04 | 115.57 | 128.95 | 126.16 | 117.86 | 130.67 | 213.48 | 167.19 | 149.57 | 138.12 | 211.48 | 207.54 | 131.58 | 156.25 | 213.64 | 210.61 | 151.11 | 152.57 | 104.75 | 100.73 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 24155 | -0.65 -71.14 N | -1.02 -115.46 N | -0.62 -77.28 N | -0.06 -67.91 N | -0.59 -132.18 N | 0.14 -113.83 N | 1.55 -110.02 N | 0.37 -121.41 N | 1.91 -94.22 N | -4.30 -186.86 N | -20.18 -474.20 N | -1.17 -181.27 N | 2.38 -124.39 N | 8.98 -49.04 N | -0.39 -216.01 N | -2.41 -237.62 N | 0.48 -126.56 N | 13.23 -21.84 N | -8.35 -308.11 N | -1.02 -224.24 N | 5.91 -83.63 N | -1.20 -166.59 N | -9.59 -208.24 N | -22.13 -352.03 N |
| NYPA_VERNON____GT2 24162 | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.49 2.31 -124.38 N | 137.63 8.49 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.58 0.47 -126.56 N | 155.93 12.92 -21.84 N | 213.80 -8.19 -308.11 N | 210.61 -1.01 -224.24 N | 151.01 5.81 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.81 -22.04 -352.03 N |
| NYPA_VERNON____GT3 24163 | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.49 2.31 -124.38 N | 137.63 8.49 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.58 0.47 -126.56 N | 155.93 12.92 -21.84 N | 213.80 -8.19 -308.11 N | 210.61 -1.01 -224.24 N | 151.01 5.81 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.81 -22.04 -352.03 N |
| NYPA____ASTORIA_CC1 323568 | 63.07 -0.60 -71.14 N | 102.02 -0.94 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.82 1.43 -110.02 N | 126.16 0.38 -121.41 N | 118.01 2.06 -94.22 N | 130.23 -4.73 -186.86 N | 259.46 -21.61 -521.60 N | 167.18 -1.18 -181.27 N | 149.49 2.30 -124.38 N | 137.61 8.47 -49.04 N | 211.50 -0.37 -216.01 N | 244.94 -2.54 -275.15 N | 131.57 0.47 -126.56 N | 155.85 12.83 -21.84 N | 213.89 -8.10 -308.11 N | 210.61 -1.01 -224.24 N | 151.00 5.80 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.82 -22.04 -352.03 N |
| NYPA____ASTORIA_CC2 323569 | 63.07 -0.60 -71.14 N | 102.02 -0.94 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.55 -132.18 N | 115.55 0.13 -113.83 N | 128.82 1.43 -110.02 N | 126.16 0.38 -121.41 N | 118.01 2.06 -94.22 N | 130.23 -4.73 -186.86 N | 259.46 -21.61 -521.60 N | 167.18 -1.18 -181.27 N | 149.49 2.30 -124.38 N | 137.61 8.47 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.57 0.47 -126.56 N | 155.85 12.83 -21.84 N | 213.89 -8.10 -308.11 N | 210.61 -1.01 -224.24 N | 151.00 5.80 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.82 -22.04 -352.03 N |
| NYPA____HOLTSTVILL 23794 | 62.88 -0.80 -71.15 N | 101.73 -1.24 -115.48 N | 68.79 -0.77 -77.29 N | 67.35 -0.05 -67.93 N | 123.93 -0.72 -132.19 N | 115.60 0.16 -113.85 N | 129.17 1.75 -110.03 N | 126.27 0.47 -121.42 N | 118.12 2.17 -94.23 N | 129.58 -5.41 -186.89 N | 261.98 -19.16 -521.67 N | 167.31 -1.07 -181.29 N | 149.50 2.29 -124.40 N | 137.80 8.66 -49.05 N | 211.57 -0.32 -216.04 N | 245.33 -2.20 -275.19 N | 131.56 0.45 -126.57 N | 155.78 12.76 -21.84 N | 214.69 -7.35 -308.16 N | 210.87 -0.79 -224.27 N | 151.39 6.19 -83.64 N | 152.46 -1.30 -166.59 N | 102.03 -12.33 -208.27 N | 93.34 -29.56 -352.08 N |
| NYPA____HELLGATE_GT1 24158 | 63.08 -0.59 -71.14 N | 102.02 -0.94 -115.46 N | 68.97 -0.58 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.13 -113.83 N | 128.79 1.39 -110.02 N | 127.68 0.35 -122.95 N | 128.27 2.04 -104.51 N | 135.90 -4.58 -192.38 N | 260.15 -20.91 -521.60 N | 167.20 -1.15 -181.27 N | 149.48 2.29 -124.38 N | 137.52 8.39 -49.04 N | 211.57 -0.30 -216.01 N | 245.02 -2.47 -275.15 N | 131.57 0.47 -126.56 N | 155.70 12.68 -21.84 N | 214.10 -7.89 -308.11 N | 210.66 -0.96 -224.24 N | 150.99 5.79 -83.63 N | 152.60 -1.17 -166.59 N | 104.65 -9.68 -208.24 N | 100.34 -22.51 -352.03 N |
| NYPA____HELLGATE_GT2 24159 | 63.08 -0.59 -71.14 N | 102.02 -0.94 -115.46 N | 68.97 -0.58 -77.28 N | 67.35 -0.04 -67.91 N | 124.10 -0.54 -132.18 N | 115.55 0.13 -113.83 N | 128.79 1.39 -110.02 N | 127.68 0.35 -122.95 N | 128.27 2.04 -104.51 N | 135.90 -4.58 -192.38 N | 260.15 -20.91 -521.60 N | 167.20 -1.15 -181.27 N | 149.48 2.29 -124.38 N | 137.52 8.39 -49.04 N | 211.57 -0.30 -216.01 N | 245.02 -2.47 -275.15 N | 131.57 0.47 -126.56 N | 155.70 12.68 -21.84 N | 214.10 -7.89 -308.11 N | 210.66 -0.96 -224.24 N | 150.99 5.79 -83.63 N | 152.60 -1.17 -166.59 N | 104.65 -9.68 -208.24 N | 100.34 -22.51 -352.03 N |
| NYS_BARGE____HYD 23848 | 1.35 0.19 -8.63 N | 1.71 0.20 -14.01 N | 1.82 0.17 -9.38 N | 7.72 0.00 -8.24 N | 8.69 0.20 -16.04 N | 15.34 -0.06 -13.81 N | 29.76 -0.97 -13.35 N | 18.86 -0.25 -14.73 N | 31.60 -1.21 -11.08 N | -28.66 1.84 -21.40 N | -170.94 9.88 -59.72 N | 8.37 0.53 -20.75 N | 35.74 -1.31 -14.24 N | 81.07 -4.65 -5.62 N | 20.81 0.11 -24.85 N | 6.23 0.88 -33.01 N | 18.78 -0.27 -14.51 N | 116.48 -7.20 -2.50 N | -46.68 3.78 -35.65 N | 14.88 0.38 -27.12 N | 68.48 -3.19 -10.11 N | 7.71 0.39 -20.15 N | -65.15 3.57 -25.19 N | -177.03 9.57 -42.58 N |
| O.H_GEN_BRUCE 24063 | 1.29 0.30 -8.45 N | 0.85 0.38 -9.99 N | 1.74 0.29 -9.18 N | 7.55 0.00 -8.07 N | 8.47 0.31 -15.70 N | 15.02 -0.09 -13.52 N | 10.00 -0.15 -8.16 N | 18.46 -0.34 -14.42 N | 40.04 -0.57 -33.43 N | -28.12 2.83 -20.95 N | -167.46 14.61 -58.47 N | 8.21 0.81 -20.32 N | 34.96 -1.78 -13.94 N | 40.04 0.68 -48.40 N | 20.37 0.19 -24.32 N | 54.20 0.00 -54.20 N | 50.00 1.14 -65.97 N | 113.97 -9.65 -2.45 N | 40.00 -1.56 -19.57 N | 55.00 -1.35 -36.95 N | 66.98 -4.48 -9.90 N | 79.54 -4.40 -16.19 N | 40.00 -0.78 -27.12 N | 15.00 -0.54 -7.07 N |
| OAK_ORCHARD____HYD 24046 | -0.45 0.01 -7.01 N | -1.17 -0.05 -11.38 N | -0.11 0.00 -7.62 N | 6.17 -0.01 -6.69 N | 5.50 0.01 -13.03 N | 12.80 -0.01 -11.22 N | 28.00 -0.23 -10.84 N | 16.32 -0.03 -11.97 N | 30.61 -0.10 -9.00 N | -34.94 -0.41 -17.36 N | -192.94 -0.87 -48.46 N | 3.86 -0.08 -16.84 N | 34.29 -0.07 -11.56 N | 84.36 -0.29 -4.56 N | 15.96 -0.06 -20.16 N | -1.25 -0.27 -26.68 N | 16.28 -0.04 -11.78 N | 122.21 -1.00 -2.03 N | -57.07 0.03 -29.01 N | 9.35 -0.12 -22.09 N | 69.67 -0.13 -8.24 N | 3.48 -0.10 -16.41 N | -72.91 0.48 -20.51 N | -192.84 1.66 -34.68 N |
| OCC_CHEM____DRP 24175 | 1.67 0.27 -8.87 N | 2.23 0.33 -14.40 N | 2.16 0.25 -9.64 N | 7.95 0.00 -8.47 N | 9.22 0.28 -16.48 N | 15.71 -0.08 -14.20 N | 29.86 -1.24 -13.72 N | 19.19 -0.33 -15.14 N | 31.50 -1.62 -11.39 N | -27.20 2.69 -22.00 N | -165.14 13.99 -61.40 N | 9.20 0.77 -21.34 N | 35.69 -1.75 -14.64 N | 79.66 -6.21 -5.77 N | 21.58 0.18 -25.54 N | 7.66 1.37 -33.95 N | 19.10 -0.36 -14.92 N | 114.45 -9.30 -2.57 N | -44.40 5.08 -36.64 N | 15.82 0.57 -27.87 N | 67.69 -4.27 -10.39 N | 8.46 0.59 -20.70 N | -63.26 4.77 -25.88 N | -173.46 11.97 -43.75 N |
| OLIN_CORP_DRP 24177 | 1.73 0.25 -8.95 N | 2.32 0.30 -14.52 N | 2.22 0.23 -9.72 N | 8.02 0.00 -8.54 N | 9.34 0.26 -16.62 N | 15.83 -0.08 -14.32 N | 30.06 -1.16 -13.84 N | 19.34 -0.31 -15.27 N | 31.73 -1.49 -11.49 N | -27.31 2.40 -22.18 N | -165.84 12.77 -61.93 N | 9.30 0.69 -21.52 N | 35.96 -1.60 -14.77 N | 80.21 -5.71 -5.82 N | 21.78 0.16 -25.76 N | 7.82 1.24 -34.25 N | 19.26 -0.33 -15.05 N | 115.10 -8.67 -2.59 N | -44.44 4.73 -36.95 N | 15.99 0.51 -28.10 N | 68.10 -3.95 -10.48 N | 8.57 0.53 -20.88 N | -63.42 4.40 -26.09 N | -173.78 11.28 -44.11 N |
| ONONDAGA_REF_OCCRA 23987 | -0.56 -0.08 -6.99 N | -1.32 -0.16 -11.35 N | -0.23 -0.09 -7.59 N | 6.15 0.00 -6.67 N | 5.36 -0.09 -12.99 N | 12.80 0.02 -11.19 N | 28.47 0.27 -10.81 N | 16.41 0.11 -11.93 N | 31.14 0.48 -8.94 N | -35.79 -1.10 -17.20 N | -197.47 -4.94 -48.00 N | 3.42 -0.35 -16.68 N | 34.78 0.53 -11.45 N | 86.46 1.84 -4.51 N | 15.74 -0.10 -19.98 N | -5.02 -0.81 -23.46 N | 16.33 0.11 -11.67 N | 125.82 2.63 -2.02 N | -58.76 -1.48 -28.84 N | 9.15 -0.29 -22.06 N | 71.24 1.45 -8.23 N | 3.26 -0.30 -16.39 N | -74.67 -1.25 -20.48 N | -196.45 -1.89 -34.63 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|-----------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| ONONDAGA___COGEN 23986 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N |
| ONTARIO___LFGE 23819 | 1.30 -0.13 -8.89 N | 1.64 -0.29 -14.43 N | 1.76 -0.17 -9.66 N | 7.97 0.01 -8.49 N | 8.82 -0.16 -16.52 N | 15.85 0.04 -14.22 N | 31.53 0.40 -13.75 N | 19.70 0.15 -15.17 N | 33.81 0.68 -11.41 N | -31.49 -1.61 -22.01 N | -185.63 -6.54 -61.44 N | 7.93 -0.51 -21.35 N | 38.19 0.74 -14.65 N | 88.56 2.69 -5.78 N | 21.27 -0.15 -25.57 N | 5.03 -1.12 -33.82 N | 19.64 0.15 -14.95 N | 127.28 3.51 -2.59 N | -50.93 -1.75 -36.94 N | 15.06 -0.43 -28.12 N | 74.12 2.07 -10.49 N | 7.59 -0.47 -20.89 N | -69.47 -1.68 -26.11 N | -186.42 -1.39 -44.14 N |
| OSWEGATCHIE___HYD 24044 | -7.20 0.26 0.00 N | -12.03 0.47 0.00 N | -7.44 0.29 0.00 N | -0.51 0.01 0.00 N | -7.27 0.27 0.00 N | 1.54 -0.05 0.00 N | 16.90 -0.48 0.00 N | 4.26 -0.12 0.00 N | 21.08 -0.64 0.00 N | -50.63 1.27 0.00 N | -234.58 5.95 0.00 N | -12.54 0.37 0.00 N | 22.16 -0.64 0.00 N | 77.64 -2.46 0.00 N | -4.00 0.14 0.00 N | -26.72 0.94 0.00 N | 4.38 -0.16 0.00 N | 117.18 -4.00 0.00 N | -83.33 2.79 0.00 N | -12.32 0.30 0.00 N | 60.15 -1.42 0.00 N | -12.47 0.35 0.00 N | -90.79 3.12 0.00 N | -222.23 6.94 0.00 N |
| OSWEGO___5 23606 | -2.64 0.08 -4.75 N | -4.68 0.11 -7.71 N | -2.50 0.08 -5.16 N | 4.02 0.01 -4.54 N | 1.36 0.07 -8.82 N | 9.17 -0.02 -7.60 N | 24.52 -0.21 -7.34 N | 12.44 -0.04 -8.11 N | 27.62 -0.19 -6.09 N | -39.71 0.43 -11.75 N | -205.61 2.11 -32.81 N | -1.42 0.09 -11.40 N | 30.42 -0.21 -7.82 N | 82.48 -0.71 -3.08 N | 9.54 0.03 -13.65 N | -8.78 0.19 -18.69 N | 12.47 -0.04 -7.97 N | 121.36 -1.19 -1.37 N | -65.52 0.94 -19.66 N | 2.45 0.10 -14.97 N | 66.61 -0.54 -5.58 N | -1.61 0.10 -11.12 N | -78.89 1.11 -13.90 N | -202.33 3.34 -23.51 N |
| OSWEGO___6 23613 | -2.64 0.08 -4.75 N | -4.68 0.11 -7.71 N | -2.50 0.08 -5.16 N | 4.02 0.01 -4.54 N | 1.36 0.07 -8.82 N | 9.17 -0.02 -7.60 N | 24.52 -0.21 -7.34 N | 12.44 -0.04 -8.11 N | 27.62 -0.19 -6.09 N | -39.71 0.43 -11.75 N | -205.61 2.11 -32.81 N | -1.42 0.09 -11.40 N | 30.42 -0.21 -7.82 N | 82.48 -0.71 -3.08 N | 9.54 0.03 -13.65 N | -8.78 0.19 -18.69 N | 12.47 -0.04 -7.97 N | 121.36 -1.19 -1.37 N | -65.52 0.94 -19.66 N | 2.45 0.10 -14.97 N | 66.61 -0.54 -5.58 N | -1.61 0.10 -11.12 N | -78.89 1.11 -13.90 N | -202.33 3.34 -23.51 N |
| OUTOKUMPU-AB___DRP 24206 | 1.73 0.15 -9.04 N | 2.32 0.14 -14.68 N | 2.23 0.13 -9.83 N | 8.12 0.00 -8.64 N | 9.43 0.16 -16.81 N | 16.01 -0.05 -14.47 N | 30.49 -0.88 -13.99 N | 19.59 -0.22 -15.44 N | 32.25 -1.08 -11.61 N | -27.92 1.54 -22.43 N | -169.51 8.42 -62.61 N | 9.29 0.44 -21.76 N | 36.59 -1.14 -14.93 N | 81.96 -4.02 -5.89 N | 21.98 0.08 -26.05 N | 7.64 0.68 -34.63 N | 19.51 -0.24 -15.21 N | 117.60 -6.20 -2.62 N | -45.59 3.19 -37.34 N | 16.06 0.28 -28.40 N | 69.48 -2.67 -10.59 N | 8.56 0.29 -21.10 N | -64.49 3.05 -26.37 N | -176.38 8.21 -44.58 N |
| OXBOW___ 24026 | 1.69 0.19 -8.96 N | 2.25 0.21 -14.54 N | 2.18 0.17 -9.74 N | 8.03 0.00 -8.55 N | 9.31 0.20 -16.65 N | 15.86 -0.07 -14.34 N | 30.22 -1.02 -13.86 N | 19.41 -0.26 -15.29 N | 31.95 -1.28 -11.51 N | -27.69 1.99 -22.22 N | -168.04 10.47 -62.02 N | 9.21 0.57 -21.55 N | 36.22 -1.37 -14.79 N | 81.09 -4.84 -5.83 N | 21.77 0.11 -25.80 N | 7.57 0.94 -34.30 N | 19.33 -0.28 -15.07 N | 116.43 -7.34 -2.59 N | -45.25 3.87 -37.00 N | 15.91 0.39 -28.14 N | 68.80 -3.26 -10.49 N | 8.47 0.40 -20.90 N | -64.10 3.68 -26.13 N | -175.43 9.57 -44.18 N |
| PEEKSKILL___ 23653 | 62.61 -0.56 -70.64 N | 101.27 -0.88 -114.65 N | 68.46 -0.55 -76.74 N | 66.88 -0.04 -67.44 N | 123.18 -0.53 -131.25 N | 114.75 0.12 -113.03 N | 127.96 1.33 -109.25 N | 125.29 0.35 -120.56 N | 117.12 1.85 -93.55 N | 129.22 -4.39 -185.51 N | 257.54 -19.74 -517.82 N | 165.96 -1.08 -179.95 N | 148.36 2.08 -123.48 N | 136.36 7.58 -48.68 N | 209.95 -0.36 -214.45 N | 243.16 -2.39 -273.22 N | 130.61 0.42 -125.65 N | 154.53 11.67 -21.68 N | 212.16 -7.62 -305.90 N | 209.08 -0.98 -222.68 N | 150.05 5.44 -83.05 N | 151.50 -1.09 -165.43 N | 104.21 -8.67 -206.78 N | 100.42 -19.97 -349.57 N |
| PGE MADISON___WINDPWR 24146 | 12.02 -0.44 -19.92 N | 19.03 -0.80 -32.33 N | 13.43 -0.48 -21.64 N | 18.48 -0.02 -19.02 N | 28.98 -0.49 -37.01 N | 33.59 0.12 -31.87 N | 49.61 1.42 -30.81 N | 38.85 0.48 -33.99 N | 49.35 2.11 -25.52 N | -7.54 -4.82 -49.18 N | -124.55 -21.30 -137.28 N | 33.42 -1.38 -47.71 N | 57.61 2.08 -32.74 N | 99.72 6.72 -12.91 N | 52.66 -0.33 -57.13 N | 46.23 -2.50 -76.39 N | 38.36 0.45 -33.38 N | 136.60 9.65 -5.76 N | -9.57 -5.87 -82.41 N | 49.13 -1.11 -62.86 N | 89.13 4.12 -23.45 N | 32.83 -1.05 -46.70 N | -41.05 -5.51 -58.37 N | -141.69 -11.19 -98.68 N |
| PIERCEFIELD___HYD 23852 | -8.86 0.44 1.84 N | -14.69 0.79 2.98 N | -9.24 0.49 1.99 N | -2.25 0.03 1.75 N | -10.49 0.46 3.41 N | -1.44 -0.09 2.94 N | 13.58 -0.97 2.84 N | 1.02 -0.23 3.13 N | 17.89 -1.28 2.55 N | -54.18 2.95 5.24 N | -241.61 13.54 14.62 N | -17.18 0.81 5.08 N | 17.97 -1.34 3.49 N | 73.74 -4.98 1.37 N | -9.89 0.27 6.02 N | -33.53 1.73 7.59 N | 0.74 -0.28 3.52 N | 113.41 -7.16 0.61 N | -89.51 5.05 8.44 N | -17.72 0.67 5.78 N | 56.02 -3.38 2.16 N | -16.35 0.77 4.29 N | -93.86 5.41 5.37 N | -226.45 11.80 9.07 N |
| PINELAWN_CC_1 323563 | 63.05 -0.63 -71.15 N | 102.00 -0.98 -115.48 N | 68.95 -0.61 -77.29 N | 67.36 -0.04 -67.93 N | 124.09 -0.57 -132.19 N | 115.56 0.12 -113.85 N | 128.83 1.42 -110.03 N | 126.18 0.38 -121.42 N | 117.79 1.83 -94.23 N | 130.21 -4.79 -186.89 N | 263.75 -17.39 -521.67 N | 167.40 -0.98 -181.29 N | 149.27 2.07 -124.40 N | 136.93 7.79 -49.05 N | 211.60 -0.30 -216.04 N | 245.45 -2.08 -275.19 N | 131.52 0.40 -126.58 N | 154.65 11.63 -21.84 N | 215.26 -6.77 -308.16 N | 210.90 -0.75 -224.27 N | 150.70 5.49 -83.64 N | 152.64 -1.13 -166.61 N | 104.11 -10.25 -208.27 N | 98.94 -23.96 -352.08 N |
| PJM_GEN_KEystone 24065 | 44.37 0.30 -51.54 N | 54.90 -0.31 -64.73 N | 53.90 -0.41 -63.68 N | 48.78 0.09 -49.20 N | 88.35 0.13 -95.76 N | 84.05 -0.02 -82.47 N | 96.88 -0.21 -79.71 N | 92.20 -0.13 -87.96 N | 89.49 -0.24 -68.01 N | 85.01 2.46 -134.44 N | 143.84 9.10 -375.28 N | 117.66 0.15 -130.42 N | 112.00 -0.29 -89.49 N | 115.34 -0.04 -35.28 N | 151.44 0.09 -155.50 N | 103.00 -0.20 -103.20 N | 98.13 -1.02 -116.27 N | 75.00 2.05 -28.60 N | 98.50 1.49 -75.01 N | 150.08 0.27 -162.42 N | 121.95 -0.19 -60.58 N | 107.96 0.13 -120.67 N | 60.74 3.82 -150.83 N | 43.37 17.56 -254.98 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 63.07 -0.61 -71.15 N | 80.01 -0.73 -90.26 N | 68.98 -0.58 -77.29 N | 67.37 -0.04 -67.93 N | 124.11 -0.55 -132.19 N | 115.56 0.12 -113.85 N | 128.80 1.39 -110.03 N | 126.17 0.37 -121.42 N | 117.80 1.85 -94.23 N | 130.08 -4.92 -186.89 N | 262.78 -18.36 -521.67 N | 167.36 -1.03 -181.29 N | 149.31 2.11 -124.40 N | 137.04 7.90 -49.05 N | 211.59 -0.31 -216.04 N | 245.32 -2.20 -275.19 N | 131.52 0.41 -126.57 N | 154.92 11.90 -21.84 N | 215.00 -7.04 -308.16 N | 210.83 -0.83 -224.27 N | 150.77 5.56 -83.64 N | 152.61 -1.13 -166.57 N | 104.50 -9.86 -208.27 N | 99.89 -23.01 -352.08 N |
| PLEASANTVLY___LBMP 24000 | 65.90 -0.54 -73.90 N | 106.59 -0.86 -119.95 N | 72.02 -0.54 -80.28 N | 69.99 -0.04 -70.56 N | 129.25 -0.52 -137.32 N | 119.96 0.11 -118.25 N | 132.93 1.26 -114.29 N | 130.84 0.34 -126.13 N | 121.45 1.76 -97.97 N | 138.36 -4.19 -194.44 N | 283.19 -19.03 -542.76 N | 174.69 -1.02 -188.62 N | 154.20 1.97 -129.43 N | 138.22 7.10 -51.03 N | 220.26 -0.34 -224.75 N | 255.97 -2.26 -285.90 N | 136.62 0.40 -131.68 N | 154.80 10.90 -22.72 N | 227.06 -7.29 -320.47 N | 219.39 -0.95 -232.95 N | 153.58 5.14 -86.88 N | 159.19 -1.05 -173.07 N | 114.34 -8.08 -216.33 N | 117.73 -18.81 -365.71 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 |
|-----------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|---|---|
| POLETTI____ 23519 | 63.07 -0.60 -71.13 N | 102.02 -0.93 -115.46 N | 68.96 -0.59 -77.28 N | 67.35 -0.05 -67.91 N | 124.07 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.83 1.43 -110.02 N | 126.16 0.37 -121.41 N | 117.95 2.01 -94.22 N | 130.30 -4.67 -186.86 N | 259.67 -21.39 -521.60 N | 167.20 -1.16 -181.27 N | 149.42 2.23 -124.38 N | 137.37 8.24 -49.04 N | 211.49 -0.38 -216.01 N | 244.94 -2.55 -275.15 N | 131.56 0.46 -126.56 N | 155.58 12.56 -21.84 N | 213.87 -8.12 -308.11 N | 210.60 -1.02 -224.24 N | 150.92 5.72 -83.63 N | 152.61 -1.15 -166.59 N | 105.12 -9.21 -208.24 N | 101.51 -21.34 -352.03 N | | |
| PORT_JEFF_3 23555 | 62.85 -0.84 -71.15 N | 101.68 -1.30 -115.48 N | 68.75 -0.81 -77.29 N | 67.35 -0.05 -67.93 N | 123.90 -0.75 -132.19 N | 115.60 0.16 -113.85 N | 129.23 1.82 -110.03 N | 126.28 0.48 -121.42 N | 118.15 2.19 -94.23 N | 129.63 -5.36 -186.89 N | 262.36 -18.78 -521.67 N | 167.35 -1.04 -181.29 N | 149.48 2.28 -124.40 N | 137.77 8.63 -49.05 N | 211.59 -0.31 -216.04 N | 245.41 -2.11 -275.19 N | 131.56 0.45 -126.57 N | 155.56 12.54 -21.84 N | 214.95 -7.08 -308.16 N | 210.91 -0.75 -224.27 N | 151.33 6.12 -83.64 N | 152.44 -1.32 -166.59 N | 101.63 -12.73 -208.27 N | 92.30 -30.60 -352.08 N | | |
| PORT_JEFF_4 23616 | 62.85 -0.84 -71.15 N | 101.68 -1.30 -115.48 N | 68.75 -0.81 -77.29 N | 67.35 -0.05 -67.93 N | 123.90 -0.75 -132.19 N | 115.60 0.16 -113.85 N | 129.23 1.82 -110.03 N | 126.28 0.48 -121.42 N | 118.15 2.19 -94.23 N | 129.63 -5.36 -186.89 N | 262.36 -18.78 -521.67 N | 167.35 -1.04 -181.29 N | 149.48 2.28 -124.40 N | 137.77 8.63 -49.05 N | 211.59 -0.31 -216.04 N | 245.41 -2.11 -275.19 N | 131.56 0.45 -126.57 N | 155.56 12.54 -21.84 N | 214.95 -7.08 -308.16 N | 210.91 -0.75 -224.27 N | 151.33 6.12 -83.64 N | 152.44 -1.32 -166.59 N | 101.63 -12.73 -208.27 N | 92.30 -30.60 -352.08 N | | |
| PORT_JEFF_IC 23713 | 62.84 -0.84 -71.15 N | 101.66 -1.31 -115.48 N | 68.75 -0.82 -77.29 N | 67.35 -0.05 -67.93 N | 123.89 -0.76 -132.19 N | 115.60 0.17 -113.85 N | 129.25 1.83 -110.03 N | 126.29 0.49 -121.42 N | 118.19 2.23 -94.23 N | 129.58 -5.42 -186.89 N | 262.15 -18.99 -521.67 N | 167.36 -1.03 -181.29 N | 149.46 2.26 -124.40 N | 137.68 8.54 -49.05 N | 211.59 -0.31 -216.04 N | 245.43 -2.10 -275.19 N | 131.55 0.44 -126.57 N | 155.44 12.41 -21.84 N | 215.04 -7.00 -308.16 N | 210.92 -0.74 -224.27 N | 151.29 6.08 -83.64 N | 152.40 -1.36 -166.59 N | 101.45 -12.91 -208.27 N | 91.86 -31.04 -352.08 N | | |
| PPL PILGRIM_ST_GT1 24216 | 62.90 -0.78 -71.15 N | 101.76 -1.22 -115.48 N | 68.81 -0.75 -77.29 N | 67.36 -0.05 -67.93 N | 123.95 -0.70 -132.19 N | 115.59 0.15 -113.85 N | 129.15 1.74 -110.03 N | 126.27 0.47 -121.42 N | 118.07 2.11 -94.23 N | 129.83 -5.17 -186.89 N | 262.66 -18.48 -521.67 N | 167.33 -1.05 -181.29 N | 149.45 2.25 -124.40 N | 137.65 8.50 -49.05 N | 211.58 -0.32 -216.04 N | 245.33 -2.20 -275.19 N | 131.55 0.44 -126.57 N | 155.63 12.61 -21.84 N | 214.76 -7.27 -308.16 N | 210.86 -0.80 -224.27 N | 151.31 6.11 -83.64 N | 152.45 -1.31 -166.59 N | 101.92 -12.44 -208.27 N | 93.09 -29.81 -352.08 N | | |
| PPL PILGRIM_ST_GT2 24217 | 62.90 -0.78 -71.15 N | 101.76 -1.22 -115.48 N | 68.81 -0.75 -77.29 N | 67.36 -0.05 -67.93 N | 123.95 -0.70 -132.19 N | 115.59 0.15 -113.85 N | 129.15 1.74 -110.03 N | 126.27 0.47 -121.42 N | 118.07 2.11 -94.23 N | 129.83 -5.17 -186.89 N | 262.66 -18.48 -521.67 N | 167.33 -1.05 -181.29 N | 149.45 2.25 -124.40 N | 137.65 8.50 -49.05 N | 211.58 -0.32 -216.04 N | 245.33 -2.20 -275.19 N | 131.55 0.44 -126.57 N | 155.63 12.61 -21.84 N | 214.76 -7.27 -308.16 N | 210.86 -0.80 -224.27 N | 151.31 6.11 -83.64 N | 152.45 -1.31 -166.59 N | 101.92 -12.44 -208.27 N | 93.09 -29.81 -352.08 N | | |
| PPL_SHRM_GT3 24213 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.29 1.87 -110.03 N | 126.32 0.51 -121.42 N | 118.30 2.34 -94.23 N | 129.41 -5.59 -186.89 N | 261.47 -19.67 -521.67 N | 167.28 -1.11 -181.29 N | 149.57 2.36 -124.40 N | 138.05 8.90 -49.05 N | 211.57 -0.33 -216.04 N | 245.28 -2.24 -275.19 N | 131.57 0.46 -126.57 N | 156.03 13.01 -21.84 N | 214.61 -7.42 -308.16 N | 210.88 -0.77 -224.27 N | 151.48 6.27 -83.64 N | 152.45 -1.31 -166.59 N | 101.60 -12.76 -208.27 N | 91.66 -31.24 -352.08 N | | |
| PPL_SHRM_GT4 24214 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.29 1.87 -110.03 N | 126.32 0.51 -121.42 N | 118.30 2.34 -94.23 N | 129.41 -5.59 -186.89 N | 261.47 -19.67 -521.67 N | 167.28 -1.11 -181.29 N | 149.57 2.36 -124.40 N | 138.05 8.90 -49.05 N | 211.57 -0.33 -216.04 N | 245.28 -2.24 -275.19 N | 131.57 0.46 -126.57 N | 156.03 13.01 -21.84 N | 214.61 -7.42 -308.16 N | 210.88 -0.77 -224.27 N | 151.48 6.27 -83.64 N | 152.45 -1.31 -166.59 N | 101.60 -12.76 -208.27 N | 91.66 -31.24 -352.08 N | | |
| PROJECT___ORANGE 1 24174 | -1.26 -0.07 -6.28 N | -2.45 -0.14 -10.19 N | -0.99 -0.08 -6.82 N | 5.47 0.00 -5.99 N | 4.05 -0.08 -11.66 N | 11.66 0.02 -10.04 N | 27.30 0.21 -9.71 N | 15.17 0.08 -10.71 N | 30.14 0.40 -8.01 N | -37.43 -0.93 -15.40 N | -201.74 -4.19 -42.98 N | 1.73 -0.29 -14.93 N | 33.51 0.46 -10.25 N | 85.81 1.67 -4.04 N | 13.67 -0.08 -17.90 N | -8.53 -0.75 -19.88 N | 15.09 0.10 -10.45 N | 125.35 2.36 -1.81 N | -61.60 -1.31 -25.83 N | 6.94 -0.24 -19.80 N | 70.19 1.25 -7.39 N | 1.63 -0.25 -14.71 N | -76.49 -0.97 -18.39 N | -199.30 -1.21 -31.08 N | | |
| PROJECT___ORANGE 2 24166 | -1.26 -0.07 -6.28 N | -2.45 -0.14 -10.19 N | -0.99 -0.08 -6.82 N | 5.47 0.00 -5.99 N | 4.05 -0.08 -11.66 N | 11.66 0.02 -10.04 N | 27.30 0.21 -9.71 N | 15.17 0.08 -10.71 N | 30.14 0.40 -8.01 N | -37.43 -0.93 -15.40 N | -201.74 -4.19 -42.98 N | 1.73 -0.29 -14.93 N | 33.51 0.46 -10.25 N | 85.81 1.67 -4.04 N | 13.67 -0.08 -17.90 N | -8.53 -0.75 -19.88 N | 15.09 0.10 -10.45 N | 125.35 2.36 -1.81 N | -61.60 -1.31 -25.83 N | 6.94 -0.24 -19.80 N | 70.19 1.25 -7.39 N | 1.63 -0.25 -14.71 N | -76.49 -0.97 -18.39 N | -199.30 -1.21 -31.08 N | | |
| PYRITES___HYD 24023 | -8.96 0.39 1.88 N | -14.85 0.71 3.06 N | -9.34 0.44 2.04 N | -2.29 0.03 1.80 N | -10.62 0.42 3.50 N | -1.50 -0.08 3.01 N | 13.65 -0.82 2.91 N | 0.98 -0.18 3.21 N | 18.08 -1.03 2.61 N | -54.93 2.31 5.35 N | -244.82 10.66 14.94 N | -17.45 0.66 5.19 N | 18.15 -1.08 3.57 N | 74.65 -4.04 1.41 N | -10.08 0.22 6.15 N | -34.01 1.41 7.75 N | 0.71 -0.24 3.60 N | 114.81 -5.76 0.62 N | -90.73 4.02 8.63 N | -18.02 0.53 5.93 N | 56.69 -2.66 2.21 N | -16.59 0.64 4.41 N | -94.72 4.69 5.51 N | -228.64 9.84 9.31 N | | |
| RAMAPO___LBMP 323565 | 61.03 -0.56 -69.06 N | 98.69 -0.89 -112.09 N | 66.73 -0.56 -75.02 N | 65.36 -0.04 -65.93 N | 120.24 -0.54 -128.32 N | 112.22 0.12 -110.51 N | 125.53 1.34 -106.80 N | 122.59 0.36 -117.86 N | 114.98 1.85 -91.41 N | 125.06 -4.23 -181.19 N | 245.81 -19.40 -505.75 N | 161.77 -1.09 -175.76 N | 145.47 2.07 -120.60 N | 135.15 7.50 -47.55 N | 204.97 -0.36 -209.47 N | 237.01 -2.40 -267.07 N | 127.68 0.42 -122.72 N | 154.05 11.69 -21.18 N | 205.10 -7.62 -298.84 N | 204.09 -0.98 -217.69 N | 148.17 5.42 -81.19 N | 147.80 -1.10 -161.73 N | 99.49 -8.76 -202.16 N | 92.62 -19.96 -341.75 N | | |
| RANKINE____ 23646 | 2.43 0.20 -9.70 N | 3.46 0.22 -15.74 N | 2.98 0.17 -10.54 N | 8.75 0.01 -9.26 N | 10.67 0.20 -18.02 N | 17.05 -0.06 -15.52 N | 31.45 -0.93 -15.00 N | 20.69 -0.24 -16.55 N | 33.03 -1.15 -12.45 N | -26.07 1.77 -24.05 N | -163.56 9.84 -67.13 N | 10.91 0.50 -23.33 N | 37.58 -1.23 -16.01 N | 82.15 -4.26 -6.31 N | 23.89 0.10 -27.93 N | 10.33 0.83 -37.16 N | 20.60 -0.25 -16.31 N | 117.55 -6.43 -2.80 N | -42.42 3.71 -39.99 N | 18.14 0.35 -30.41 N | 70.06 -2.84 -11.34 N | 10.10 0.34 -22.59 N | -62.17 3.50 -28.24 N | -171.49 9.96 -47.73 N | | |
| RAVENSWOOD_GT2_1 | 63.06 | 102.01 | 68.95 | 67.35 | 124.07 | 115.55 | 128.85 | 126.17 | 118.00 | 130.22 | 259.18 | 167.17 | 149.48 | 137.57 | 211.48 | 244.87 | 131.58 | 155.89 | 213.70 | 210.57 | 151.10 | 152.58 | 104.93 | 101.04 | | |

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| 24244 | | -0.61 -71.14 N | -0.95 -115.46 N | -0.59 -77.28 N | -0.04 -67.91 N | -0.57 -132.18 N | 0.13 -113.83 N | 1.45 -110.02 N | 0.38 -121.41 N | 2.06 -94.22 N | -4.74 -186.86 N | -21.89 -521.60 N | -1.19 -181.27 N | 2.30 -124.38 N | 8.44 -49.04 N | -0.38 -216.01 N | -2.62 -275.15 N | 0.47 -126.56 N | 12.87 -21.84 N | -8.30 -308.11 N | -1.05 -224.24 N | 5.90 -83.63 N | -1.19 -166.59 N | -9.40 -208.24 N | -21.81 -352.03 N |
| RAVENSWOOD_GT2_2 24245 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.18 -21.89 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.44 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.89 12.87 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT2_3 24246 | | 63.06 -0.61 -71.14 N | 102.00 -0.96 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.06 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.86 1.46 -110.02 N | 126.17 0.39 -121.41 N | 118.02 2.07 -94.22 N | 130.16 -4.81 -186.86 N | 258.94 -22.13 -521.60 N | 167.16 -1.20 -181.27 N | 149.50 2.32 -124.38 N | 137.64 8.50 -49.04 N | 211.48 -0.39 -216.01 N | 244.85 -2.64 -275.15 N | 131.58 0.47 -126.56 N | 155.99 12.97 -21.84 N | 213.61 -8.38 -308.11 N | 210.56 -1.06 -224.24 N | 151.15 5.96 -83.63 N | 152.57 -1.20 -166.59 N | 104.84 -9.49 -208.24 N | 100.82 -22.04 -352.03 N |
| RAVENSWOOD_GT2_4 24247 | | 63.06 -0.61 -71.14 N | 102.00 -0.96 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.06 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.86 1.46 -110.02 N | 126.17 0.39 -121.41 N | 118.02 2.07 -94.22 N | 130.16 -4.81 -186.86 N | 258.94 -22.13 -521.60 N | 167.16 -1.20 -181.27 N | 149.50 2.32 -124.38 N | 137.64 8.50 -49.04 N | 211.48 -0.39 -216.01 N | 244.85 -2.64 -275.15 N | 131.58 0.47 -126.56 N | 155.99 12.97 -21.84 N | 213.61 -8.38 -308.11 N | 210.56 -1.06 -224.24 N | 151.15 5.96 -83.63 N | 152.57 -1.20 -166.59 N | 104.84 -9.49 -208.24 N | 100.82 -22.04 -352.03 N |
| RAVENSWOOD_GT3_1 24248 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.18 -21.89 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.44 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.88 12.86 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT3_2 24249 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.18 -21.89 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.44 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.88 12.86 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT3_3 24250 | | 63.05 -0.62 -71.14 N | 101.99 -0.97 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.87 1.47 -110.02 N | 126.18 0.39 -121.41 N | 118.03 2.09 -94.22 N | 130.09 -4.88 -186.86 N | 258.70 -22.36 -521.60 N | 167.15 -1.21 -181.27 N | 149.52 2.34 -124.38 N | 137.70 8.56 -49.04 N | 211.47 -0.40 -216.01 N | 244.83 -2.66 -275.15 N | 131.58 0.48 -126.56 N | 156.10 13.08 -21.84 N | 213.53 -8.47 -308.11 N | 210.55 -1.08 -224.24 N | 151.18 5.98 -83.63 N | 152.56 -1.20 -166.59 N | 104.74 -9.59 -208.24 N | 100.83 -22.02 -352.03 N |
| RAVENSWOOD_GT3_4 24251 | | 63.05 -0.62 -71.14 N | 101.99 -0.97 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.05 -67.91 N | 124.06 -0.58 -132.18 N | 115.56 0.13 -113.83 N | 128.87 1.47 -110.02 N | 126.18 0.39 -121.41 N | 118.03 2.09 -94.22 N | 130.09 -4.88 -186.86 N | 258.70 -22.36 -521.60 N | 167.15 -1.21 -181.27 N | 149.52 2.34 -124.38 N | 137.70 8.56 -49.04 N | 211.47 -0.40 -216.01 N | 244.83 -2.66 -275.15 N | 131.58 0.48 -126.56 N | 156.10 13.08 -21.84 N | 213.53 -8.47 -308.11 N | 210.55 -1.08 -224.24 N | 151.18 5.98 -83.63 N | 152.56 -1.20 -166.59 N | 104.74 -9.59 -208.24 N | 100.83 -22.02 -352.03 N |
| RAVENSWOOD_GT_1 23729 | | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.49 2.31 -124.38 N | 137.63 8.49 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.58 0.47 -126.56 N | 155.93 12.92 -21.84 N | 213.80 -8.19 -308.11 N | 210.61 -1.01 -224.24 N | 151.01 5.81 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.81 -22.04 -352.03 N |
| RAVENSWOOD_GT_10 24258 | | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.07 -21.99 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.43 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.89 12.87 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_11 24259 | | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.07 -21.99 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.43 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.89 12.87 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_4 24252 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.34 -0.05 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.39 -121.41 N | 118.00 2.06 -94.22 N | 130.21 -4.76 -186.86 N | 258.96 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.54 8.40 -49.04 N | 211.47 -0.39 -216.01 N | 244.86 -2.63 -275.15 N | 131.57 0.47 -126.56 N | 155.87 12.85 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_5 24254 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.34 -0.05 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.39 -121.41 N | 118.00 2.06 -94.22 N | 130.21 -4.76 -186.86 N | 258.96 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.54 8.40 -49.04 N | 211.47 -0.39 -216.01 N | 244.86 -2.63 -275.15 N | 131.57 0.47 -126.56 N | 155.87 12.85 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_6 24253 | | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.34 -0.05 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.39 -121.41 N | 118.00 2.06 -94.22 N | 130.21 -4.76 -186.86 N | 258.96 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.54 8.40 -49.04 N | 211.47 -0.39 -216.01 N | 244.86 -2.63 -275.15 N | 131.57 0.47 -126.56 N | 155.87 12.85 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |

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| RAVENSWOOD_GT_7 24255 | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.34 -0.05 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.39 -121.41 N | 118.00 2.06 -94.22 N | 130.21 -4.76 -186.86 N | 258.96 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.54 8.40 -49.04 N | 211.47 -0.39 -216.01 N | 244.86 -2.63 -275.15 N | 131.57 0.47 -126.56 N | 155.87 12.85 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.07 -21.99 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.43 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.89 12.87 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD_GT_9 24257 | 63.07 -0.60 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.22 -4.74 -186.86 N | 259.07 -21.99 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.57 8.43 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.89 12.87 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.04 -21.81 -352.03 N |
| RAVENSWOOD___1 23533 | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.49 2.31 -124.38 N | 137.63 8.49 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.58 0.47 -126.56 N | 155.93 12.92 -21.84 N | 213.80 -8.19 -308.11 N | 210.61 -1.01 -224.24 N | 151.01 5.81 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.81 -22.04 -352.03 N |
| RAVENSWOOD___2 23534 | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.84 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.02 2.07 -94.22 N | 130.27 -4.70 -186.86 N | 259.22 -21.85 -521.60 N | 167.17 -1.19 -181.27 N | 149.49 2.31 -124.38 N | 137.63 8.49 -49.04 N | 211.50 -0.37 -216.01 N | 244.92 -2.57 -275.15 N | 131.58 0.47 -126.56 N | 155.93 12.92 -21.84 N | 213.80 -8.19 -308.11 N | 210.61 -1.01 -224.24 N | 151.01 5.81 -83.63 N | 152.60 -1.16 -166.59 N | 104.83 -9.50 -208.24 N | 100.81 -22.04 -352.03 N |
| RAVENSWOOD___3 23535 | 63.06 -0.61 -71.14 N | 102.00 -0.95 -115.46 N | 68.95 -0.59 -77.28 N | 67.35 -0.04 -67.91 N | 124.07 -0.57 -132.18 N | 115.55 0.13 -113.83 N | 128.85 1.45 -110.02 N | 126.17 0.38 -121.41 N | 118.00 2.06 -94.22 N | 130.11 -4.86 -186.86 N | 258.96 -22.10 -521.60 N | 167.17 -1.19 -181.27 N | 149.48 2.30 -124.38 N | 137.58 8.45 -49.04 N | 211.48 -0.38 -216.01 N | 244.87 -2.62 -275.15 N | 131.58 0.47 -126.56 N | 155.92 12.90 -21.84 N | 213.70 -8.30 -308.11 N | 210.57 -1.05 -224.24 N | 151.10 5.90 -83.63 N | 152.58 -1.19 -166.59 N | 104.93 -9.40 -208.24 N | 101.05 -21.81 -352.03 N |
| RAVENSWOOD___4 23820 | 63.06 -0.61 -71.14 N | 102.01 -0.95 -115.46 N | 68.95 -0.60 -77.28 N | 67.35 -0.04 -67.91 N | 124.08 -0.56 -132.18 N | 115.55 0.13 -113.83 N | 128.83 1.43 -110.02 N | 126.17 0.38 -121.41 N | 118.01 2.07 -94.22 N | 130.15 -4.82 -186.86 N | 259.09 -21.98 -521.60 N | 167.16 -1.20 -181.27 N | 149.52 2.33 -124.38 N | 137.72 8.58 -49.04 N | 211.49 -0.38 -216.01 N | 244.89 -2.60 -275.15 N | 131.58 0.48 -126.56 N | 156.02 13.00 -21.84 N | 213.72 -8.28 -308.11 N | 210.59 -1.03 -224.24 N | 151.08 5.89 -83.63 N | 152.58 -1.18 -166.59 N | 104.72 -9.61 -208.24 N | 100.81 -22.04 -352.03 N |
| RCPL_TRUST___DRP 24196 | 63.05 -0.62 -71.13 N | 101.99 -0.97 -115.46 N | 68.94 -0.61 -77.28 N | 67.35 -0.05 -67.91 N | 124.05 -0.59 -132.18 N | 115.55 0.13 -113.83 N | 128.88 1.49 -110.01 N | 126.18 0.39 -121.41 N | 118.05 2.11 -94.22 N | 130.00 -4.96 -186.86 N | 258.45 -22.61 -521.59 N | 167.13 -1.23 -181.27 N | 149.55 2.37 -124.38 N | 137.77 8.64 -49.04 N | 211.46 -0.41 -216.01 N | 244.77 -2.71 -275.15 N | 131.58 0.49 -126.56 N | 156.21 13.19 -21.84 N | 213.43 -8.55 -308.11 N | 210.53 -1.09 -224.24 N | 151.27 6.07 -83.63 N | 152.54 -1.22 -166.59 N | 104.74 -9.59 -208.24 N | 100.81 -22.03 -352.02 N |
| RENSSELAER___COGEN 23796 | 85.51 -0.46 -93.43 N | 138.38 -0.77 -151.65 N | 93.29 -0.48 -101.50 N | 88.65 -0.03 -89.20 N | 165.60 -0.47 -173.61 N | 151.20 0.10 -149.51 N | 162.97 1.09 -144.50 N | 164.13 0.29 -159.46 N | 149.56 1.44 -126.40 N | 199.61 -3.59 -255.09 N | 455.22 -16.30 -712.05 N | 233.69 -0.85 -247.46 N | 194.18 1.58 -169.80 N | 152.64 5.60 -66.94 N | 289.59 -0.28 -294.02 N | 334.88 -1.89 -364.42 N | 178.44 0.32 -173.58 N | 159.49 8.36 -29.95 N | 326.38 -6.02 -418.51 N | 281.14 -0.79 -294.55 N | 175.39 3.97 -109.86 N | 205.19 -0.81 -218.83 N | 173.86 -5.76 -273.53 N | 219.68 -13.56 -462.41 N |
| REVERE_CPPR_DRP 24186 | -7.63 -0.16 0.00 N | -12.77 -0.27 0.00 N | -7.89 -0.16 0.00 N | -0.53 -0.01 0.00 N | -7.71 -0.17 0.00 N | 1.63 0.04 0.00 N | 17.95 0.56 0.00 N | 4.57 0.19 0.00 N | 22.63 0.90 0.00 N | -54.11 -2.21 0.00 N | -250.47 -9.94 0.00 N | -13.49 -0.58 0.00 N | 23.77 0.97 0.00 N | 83.44 3.35 0.00 N | -4.31 -0.17 0.00 N | -28.87 -1.21 0.00 N | 4.74 0.20 0.00 N | 125.99 4.81 0.00 N | -89.23 -3.11 0.00 N | -13.14 -0.52 0.00 N | 64.20 2.63 0.00 N | -13.32 -0.49 0.00 N | -96.32 -2.42 0.00 N | -234.33 -5.15 0.00 N |
| ROCHESTER_9_IC 23652 | -0.60 -0.07 -6.94 N | -1.43 -0.18 -11.26 N | -0.27 -0.08 -7.53 N | 6.09 -0.01 -6.62 N | 5.28 -0.07 -12.89 N | 12.70 0.01 -11.10 N | 28.11 0.00 -10.73 N | 16.26 0.04 -11.84 N | 30.95 0.32 -8.90 N | -36.16 -1.45 -17.18 N | -198.27 -5.70 -47.96 N | 3.41 -0.35 -16.67 N | 34.63 0.40 -11.44 N | 86.04 1.43 -4.51 N | 15.66 -0.14 -19.95 N | -2.06 -0.79 -26.40 N | 16.23 0.04 -11.65 N | 124.26 1.07 -2.01 N | -58.85 -1.43 -28.70 N | 8.91 -0.32 -21.85 N | 70.55 0.84 -8.15 N | 3.11 -0.30 -16.23 N | -74.24 -0.62 -20.29 N | -195.73 -0.86 -34.80 N |
| ROSETON___1 23587 | 63.11 -0.52 -71.10 N | 102.05 -0.84 -115.40 N | 68.98 -0.53 -77.24 N | 67.32 -0.04 -67.88 N | 124.06 -0.51 -132.11 N | 115.47 0.11 -113.77 N | 128.58 1.24 -109.96 N | 126.05 0.32 -121.34 N | 117.56 1.72 -94.12 N | 130.61 -4.07 -186.58 N | 261.84 -18.44 -520.81 N | 167.08 -1.00 -180.99 N | 148.92 1.92 -124.20 N | 136.04 6.98 -48.96 N | 211.23 -0.33 -215.70 N | 245.09 -2.21 -274.97 N | 131.32 0.39 -126.38 N | 153.70 10.71 -21.81 N | 214.51 -7.11 -307.74 N | 210.58 -0.92 -224.12 N | 150.18 5.02 -83.59 N | 152.65 -1.02 -166.50 N | 106.21 -8.02 -208.13 N | 104.31 -18.36 -351.84 N |
| ROSETON___2 23588 | 63.11 -0.52 -71.10 N | 102.05 -0.84 -115.40 N | 68.98 -0.53 -77.24 N | 67.32 -0.04 -67.88 N | 124.06 -0.51 -132.11 N | 115.47 0.11 -113.77 N | 128.58 1.24 -109.96 N | 126.05 0.32 -121.34 N | 117.56 1.72 -94.12 N | 130.61 -4.07 -186.58 N | 261.84 -18.44 -520.81 N | 167.08 -1.00 -180.99 N | 148.92 1.92 -124.20 N | 136.04 6.98 -48.96 N | 211.23 -0.33 -215.70 N | 245.09 -2.21 -274.97 N | 131.32 0.39 -126.38 N | 153.70 10.71 -21.81 N | 214.51 -7.11 -307.74 N | 210.58 -0.92 -224.12 N | 150.18 5.02 -83.59 N | 152.65 -1.02 -166.50 N | 106.21 -8.02 -208.13 N | 104.31 -18.36 -351.84 N |
| RUSSELL___1 23602 | -0.85 -0.27 -6.88 N | -1.83 -0.50 -11.16 N | -0.53 -0.27 -7.47 N | 6.02 -0.02 -6.56 N | 4.97 -0.27 -12.78 N | 12.65 0.06 -11.00 N | 28.63 0.61 -10.64 N | 16.36 0.22 -11.77 N | 31.61 1.04 -8.85 N | -37.95 -3.12 -17.07 N | -206.31 -13.43 -47.65 N | 2.86 -0.78 -16.56 N | 35.36 1.19 -11.36 N | 88.83 4.25 -4.48 N | 15.37 -0.29 -19.80 N | -3.35 -1.85 -26.16 N | 16.32 0.23 -11.55 N | 129.07 5.90 -1.99 N | -62.35 -4.69 -28.46 N | 8.23 -0.82 -21.67 N | 73.17 3.53 -8.08 N | 2.46 -0.81 -16.10 N | -77.34 -3.56 -20.12 N | -203.03 -7.87 -34.02 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|---|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RUSSELL___2 23532 | -0.85 -0.27 -6.88 N | -1.83 -0.50 -11.16 N | -0.53 -0.27 -7.47 N | 6.02 -0.02 -6.56 N | 4.97 -0.27 -12.78 N | 12.65 0.06 -11.00 N | 28.63 0.61 -10.64 N | 16.36 0.22 -11.77 N | 31.61 1.04 -8.85 N | -37.95 -3.12 -17.07 N | -206.31 -13.43 -47.65 N | 2.86 -0.78 -16.56 N | 35.36 1.19 -11.36 N | 88.83 4.25 -4.48 N | 15.37 -0.29 -19.80 N | -3.35 -1.85 -26.16 N | 16.32 0.23 -11.55 N | 129.07 5.90 -1.99 N | -62.35 -4.69 -28.46 N | 8.23 -0.82 -21.67 N | 73.17 3.53 -8.08 N | 2.46 -0.81 -16.10 N | -77.34 -3.56 -20.12 N | -203.03 -7.87 -34.02 N | | |
| RUSSELL___3 23549 | -0.62 -0.08 -6.92 N | -1.45 -0.19 -11.24 N | -0.29 -0.08 -7.52 N | 6.08 -0.01 -6.61 N | 5.25 -0.07 -12.87 N | 12.68 0.01 -11.08 N | 28.13 0.04 -10.71 N | 16.26 0.06 -11.82 N | 30.90 0.29 -8.89 N | -36.07 -1.33 -17.15 N | -197.87 -5.22 -47.88 N | 3.40 -0.33 -16.64 N | 34.58 0.36 -11.42 N | 85.90 1.30 -4.50 N | 15.63 -0.14 -19.92 N | -2.12 -0.81 -26.35 N | 16.22 0.05 -11.63 N | 124.52 1.34 -2.01 N | -59.07 -1.60 -28.65 N | 8.83 -0.36 -21.81 N | 70.83 1.13 -8.14 N | 3.04 -0.34 -16.21 N | -74.44 -0.79 -20.26 N | -196.37 -1.44 -34.24 N | | |
| RUSSELL___4 23556 | -0.85 -0.26 -6.88 N | -1.83 -0.49 -11.16 N | -0.52 -0.26 -7.47 N | 6.03 -0.02 -6.56 N | 4.98 -0.26 -12.78 N | 12.65 0.06 -11.00 N | 28.61 0.59 -10.64 N | 16.36 0.22 -11.77 N | 31.60 1.03 -8.85 N | -38.00 -3.17 -17.07 N | -206.08 -13.20 -47.65 N | 2.88 -0.77 -16.56 N | 35.34 1.17 -11.36 N | 88.76 4.18 -4.48 N | 15.37 -0.28 -19.80 N | -3.33 -1.82 -26.16 N | 16.32 0.23 -11.55 N | 128.98 5.81 -1.99 N | -62.36 -4.70 -28.46 N | 8.24 -0.81 -21.67 N | 73.12 3.47 -8.08 N | 2.46 -0.81 -16.10 N | -77.36 -3.57 -20.12 N | -202.91 -7.75 -34.02 N | | |
| RUSSELL___STATION 23914 | -0.62 -0.08 -6.92 N | -1.45 -0.19 -11.24 N | -0.29 -0.08 -7.52 N | 6.08 -0.01 -6.61 N | 5.25 -0.07 -12.87 N | 12.68 0.01 -11.08 N | 28.13 0.04 -10.71 N | 16.26 0.06 -11.82 N | 30.90 0.29 -8.89 N | -36.07 -1.33 -17.15 N | -197.87 -5.22 -47.88 N | 3.40 -0.33 -16.64 N | 34.58 0.36 -11.42 N | 85.90 1.30 -4.50 N | 15.63 -0.14 -19.92 N | -2.12 -0.81 -26.35 N | 16.22 0.05 -11.63 N | 124.52 1.34 -2.01 N | -59.07 -1.60 -28.65 N | 8.83 -0.36 -21.81 N | 70.83 1.13 -8.14 N | 3.04 -0.34 -16.21 N | -74.44 -0.79 -20.26 N | -196.37 -1.44 -34.24 N | | |
| S SALMON___HYD 24043 | -3.23 -0.05 -4.28 N | -5.62 -0.07 -6.95 N | -3.11 -0.03 -4.65 N | 3.57 0.00 -4.09 N | 0.38 -0.04 -7.95 N | 8.46 0.01 -6.85 N | 24.22 0.22 -6.62 N | 11.79 0.11 -7.31 N | 27.65 0.50 -5.43 N | -42.82 -1.29 -10.37 N | -217.18 -5.58 -28.94 N | -3.18 -0.33 -10.05 N | 30.16 0.46 -6.90 N | 84.43 1.62 -2.72 N | 7.83 -0.09 -12.06 N | -13.79 -0.59 -14.46 N | 11.66 0.08 -7.05 N | 124.48 2.08 -1.22 N | -69.96 -1.30 -17.45 N | 0.63 -0.26 -13.51 N | 68.05 1.45 -5.04 N | -3.08 -0.29 -10.03 N | -82.25 -0.89 -12.54 N | -209.52 -1.55 -21.20 N | | |
| SELKIRK___II 23799 | 84.70 -0.36 -92.53 N | 137.08 -0.61 -150.19 N | 92.41 -0.38 -100.53 N | 87.80 -0.03 -88.34 N | 164.02 -0.37 -171.93 N | 149.74 0.08 -148.07 N | 161.31 0.82 -143.11 N | 162.52 0.21 -157.93 N | 147.24 1.11 -124.40 N | 195.31 -2.60 -249.80 N | 444.44 -12.32 -697.29 N | 228.78 -0.64 -242.33 N | 190.30 1.22 -166.28 N | 150.00 4.34 -65.56 N | 283.82 -0.21 -288.17 N | 331.01 -1.39 -360.07 N | 174.64 0.25 -169.85 N | 156.99 6.50 -29.31 N | 319.84 -4.64 -410.59 N | 278.49 -0.61 -291.72 N | 173.45 3.09 -108.80 N | 203.26 -0.64 -216.72 N | 172.27 -4.73 -270.90 N | 217.90 -10.88 -457.96 N | | |
| SELKIRK___I 23801 | 84.27 -0.46 -92.19 N | 136.35 -0.78 -149.64 N | 91.93 -0.49 -100.16 N | 87.46 -0.03 -88.02 N | 163.28 -0.48 -171.30 N | 149.22 0.10 -147.53 N | 161.04 1.08 -142.58 N | 162.00 0.27 -157.35 N | 146.87 1.41 -123.74 N | 192.93 -3.35 -248.17 N | 436.87 -15.34 -692.74 N | 227.02 -0.81 -240.74 N | 189.54 1.55 -165.19 N | 150.75 5.53 -65.13 N | 281.94 -0.27 -286.36 N | 329.16 -1.77 -358.60 N | 173.56 0.31 -168.71 N | 158.54 8.25 -29.11 N | 316.33 -5.66 -408.12 N | 277.32 -0.78 -290.71 N | 173.95 3.96 -108.43 N | 202.34 -0.81 -215.97 N | 170.02 -6.04 -269.97 N | 213.34 -13.86 -456.38 N | | |
| SENECA OSWGO___HYD 24041 | -2.13 -0.05 -5.39 N | -3.84 -0.09 -8.76 N | -1.91 -0.04 -5.86 N | 4.63 0.00 -5.15 N | 2.45 -0.04 -10.02 N | 10.23 0.01 -8.63 N | 25.88 0.16 -8.34 N | 13.67 0.08 -9.21 N | 29.05 0.45 -6.88 N | -39.85 -1.18 -13.22 N | -208.89 -5.26 -36.91 N | -0.43 -0.35 -12.83 N | 32.14 0.54 -8.80 N | 85.47 1.90 -3.47 N | 11.12 -0.11 -15.37 N | -9.83 -0.68 -18.51 N | 13.61 0.09 -8.98 N | 125.03 2.30 -1.55 N | -65.33 -1.39 -22.18 N | 4.14 -0.25 -17.01 N | 69.15 1.24 -6.35 N | -0.44 -0.25 -12.64 N | -78.91 -0.80 -15.80 N | -203.46 -1.00 -26.71 N | | |
| SENECA___ENERGY 23797 | 0.79 -0.05 -8.31 N | 0.85 -0.14 -13.49 N | 1.23 -0.07 -9.03 N | 7.42 0.00 -7.94 N | 7.83 -0.08 -15.45 N | 14.91 0.02 -13.30 N | 30.42 0.18 -12.86 N | 18.65 0.09 -14.19 N | 32.72 0.33 -10.66 N | -32.27 -0.93 -20.55 N | -186.53 -3.37 -57.38 N | 6.69 -0.34 -19.94 N | 36.92 0.44 -13.68 N | 86.76 1.27 -5.39 N | 19.66 -0.07 -23.88 N | 2.98 -0.72 -31.36 N | 18.59 0.09 -13.96 N | 125.34 1.75 -2.41 N | -52.37 -0.72 -34.46 N | 13.36 -0.28 -26.26 N | 72.57 1.22 -9.80 N | 6.38 -0.30 -19.51 N | -70.44 -0.92 -24.39 N | -188.17 -0.22 -41.23 N | | |
| SHOEMAKER___GT 23640 | 57.38 -0.48 -65.34 N | 92.76 -0.79 -106.04 N | 62.76 -0.49 -70.98 N | 61.82 -0.04 -62.38 N | 113.39 -0.47 -121.40 N | 106.25 0.10 -104.55 N | 119.59 1.16 -101.05 N | 116.20 0.31 -111.51 N | 109.69 1.60 -86.38 N | 115.47 -3.67 -171.03 N | 220.10 -16.78 -477.41 N | 152.07 -0.93 -165.91 N | 138.43 1.79 -113.85 N | 131.44 6.45 -44.89 N | 193.32 -0.31 -197.77 N | 222.88 -2.06 -252.61 N | 120.76 0.36 -115.86 N | 151.15 9.98 -19.99 N | 189.63 -6.51 -282.25 N | 192.48 -0.86 -205.96 N | 143.08 4.70 -76.82 N | 139.23 -0.95 -153.01 N | 89.92 -7.43 -191.26 N | 77.19 -16.96 -323.33 N | | |
| SHOREHAM_IC_1 23715 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.29 1.87 -110.03 N | 126.32 0.51 -121.42 N | 118.30 2.34 -94.23 N | 129.41 -5.59 -186.89 N | 261.47 -19.67 -521.67 N | 167.28 -1.11 -181.29 N | 149.57 2.36 -124.40 N | 138.05 8.90 -49.05 N | 211.57 -0.33 -216.04 N | 245.28 -2.24 -275.19 N | 131.57 0.46 -126.57 N | 156.03 13.01 -21.84 N | 214.61 -7.42 -308.16 N | 210.88 -0.77 -224.27 N | 151.48 6.27 -83.64 N | 152.45 -1.31 -166.59 N | 101.60 -12.76 -208.27 N | 91.66 -31.24 -352.08 N | | |
| SHOREHAM_IC_2 23716 | 62.80 -0.88 -71.15 N | 101.60 -1.38 -115.48 N | 68.70 -0.86 -77.29 N | 67.35 -0.05 -67.93 N | 123.85 -0.80 -132.19 N | 115.61 0.17 -113.85 N | 129.29 1.87 -110.03 N | 126.32 0.51 -121.42 N | 118.30 2.34 -94.23 N | 129.41 -5.59 -186.89 N | 261.47 -19.67 -521.67 N | 167.28 -1.11 -181.29 N | 149.57 2.36 -124.40 N | 138.05 8.90 -49.05 N | 211.57 -0.33 -216.04 N | 245.28 -2.24 -275.19 N | 131.57 0.46 -126.57 N | 156.03 13.01 -21.84 N | 214.61 -7.42 -308.16 N | 210.88 -0.77 -224.27 N | 151.48 6.27 -83.64 N | 152.45 -1.31 -166.59 N | 101.60 -12.76 -208.27 N | 91.66 -31.24 -352.08 N | | |
| SISSONVILLE___ 23735 | -8.86 0.44 1.84 N | -14.69 0.79 2.98 N | -9.24 0.49 1.99 N | -2.25 0.03 1.75 N | -10.49 0.46 3.41 N | -1.44 -0.09 2.94 N | 13.58 -0.97 2.84 N | 1.02 -0.23 3.13 N | 17.89 -1.28 2.55 N | -54.18 2.95 5.24 N | -241.61 13.54 14.62 N | -17.18 0.81 5.08 N | 17.97 -1.34 3.49 N | 73.74 -4.98 1.37 N | -9.89 0.27 6.02 N | -33.53 1.73 7.59 N | 0.74 -0.28 3.52 N | 113.41 -7.16 0.61 N | -89.51 5.05 8.44 N | -17.72 0.67 5.78 N | 56.02 -3.38 2.16 N | -16.35 0.77 4.29 N | -93.86 5.41 5.37 N | -226.45 11.80 9.07 N | | |
| SITHE_IND_GS1 | -3.87 | -6.67 | -3.83 | 2.80 | -0.97 | 7.12 | 22.43 | 10.23 | 25.82 | -42.52 | -212.90 | -4.41 | 28.13 | 81.00 | 5.88 | -13.85 | 10.28 | 120.05 | -70.32 | -1.49 | 64.62 | -4.51 | -81.98 | -207.41 | | |

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| 24169 | 0.12 -3.47 N | 0.19 -5.63 N | 0.12 -3.77 N | 0.01 -3.31 N | 0.12 -6.45 N | -0.03 -5.55 N | -0.33 -5.37 N | -0.07 -5.93 N | -0.35 -4.45 N | 0.80 -8.58 N | 3.70 -23.94 N | 0.19 -8.32 N | -0.38 -5.71 N | -1.35 -2.25 N | 0.06 -9.96 N | 0.39 -13.42 N | -0.07 -5.81 N | -2.13 -1.00 N | 1.46 -14.35 N | 0.19 -10.94 N | -1.02 -4.08 N | 0.19 -8.13 N | 1.77 -10.16 N | 4.59 -17.18 N |
| SITHE_IND_GS2 24170 | -3.87 0.12 -3.47 N | -6.67 0.19 -5.63 N | -3.83 0.12 -3.77 N | 2.80 0.01 -3.31 N | -0.97 0.12 -6.45 N | 7.12 -0.03 -5.55 N | 22.43 -0.33 -5.37 N | 10.23 -0.07 -5.93 N | 25.82 -0.35 -4.45 N | -42.52 0.80 -8.58 N | -212.90 3.70 -23.94 N | -4.41 0.19 -8.32 N | 28.13 -0.38 -5.71 N | 81.00 -1.35 -2.25 N | 5.88 0.06 -9.96 N | -13.85 0.39 -13.42 N | 10.28 -0.07 -5.81 N | 120.05 -2.13 -1.00 N | -70.32 1.46 -14.35 N | -1.49 0.19 -10.94 N | 64.62 -1.02 -4.08 N | -4.51 0.19 -8.13 N | -81.98 1.77 -10.16 N | -207.41 4.59 -17.18 N |
| SITHE_IND_GS3 24171 | -3.87 0.12 -3.47 N | -6.67 0.19 -5.63 N | -3.83 0.12 -3.77 N | 2.80 0.01 -3.31 N | -0.97 0.12 -6.45 N | 7.12 -0.03 -5.55 N | 22.43 -0.33 -5.37 N | 10.23 -0.07 -5.93 N | 25.82 -0.35 -4.45 N | -42.52 0.80 -8.58 N | -212.90 3.70 -23.94 N | -4.41 0.19 -8.32 N | 28.13 -0.38 -5.71 N | 81.00 -1.35 -2.25 N | 5.88 0.06 -9.96 N | -13.85 0.39 -13.42 N | 10.28 -0.07 -5.81 N | 120.05 -2.13 -1.00 N | -70.32 1.46 -14.35 N | -1.49 0.19 -10.94 N | 64.62 -1.02 -4.08 N | -4.51 0.19 -8.13 N | -81.98 1.77 -10.16 N | -207.41 4.59 -17.18 N |
| SITHE_IND_GS4 24172 | -3.87 0.12 -3.47 N | -6.67 0.19 -5.63 N | -3.83 0.12 -3.77 N | 2.80 0.01 -3.31 N | -0.97 0.12 -6.45 N | 7.12 -0.03 -5.55 N | 22.43 -0.33 -5.37 N | 10.23 -0.07 -5.93 N | 25.82 -0.35 -4.45 N | -42.52 0.80 -8.58 N | -212.90 3.70 -23.94 N | -4.41 0.19 -8.32 N | 28.13 -0.38 -5.71 N | 81.00 -1.35 -2.25 N | 5.88 0.06 -9.96 N | -13.85 0.39 -13.42 N | 10.28 -0.07 -5.81 N | 120.05 -2.13 -1.00 N | -70.32 1.46 -14.35 N | -1.49 0.19 -10.94 N | 64.62 -1.02 -4.08 N | -4.51 0.19 -8.13 N | -81.98 1.77 -10.16 N | -207.41 4.59 -17.18 N |
| SITHE___BATAVIA 24024 | 0.70 0.05 -8.12 N | 0.67 -0.02 -13.18 N | 1.13 0.03 -8.82 N | 7.23 -0.01 -7.75 N | 7.60 0.05 -15.09 N | 14.56 -0.02 -13.00 N | 29.44 -0.50 -12.56 N | 18.13 -0.11 -13.86 N | 31.68 -0.47 -10.43 N | -31.59 0.17 -20.13 N | -182.16 2.18 -56.19 N | 6.72 0.10 -19.53 N | 35.67 -0.53 -13.40 N | 83.51 -1.87 -5.28 N | 19.22 -0.01 -23.38 N | 3.42 0.06 -31.03 N | 18.07 -0.13 -13.66 N | 120.17 -3.36 -2.35 N | -51.25 1.30 -33.57 N | 12.94 0.01 -25.54 N | 69.87 -1.22 -9.53 N | 6.17 0.03 -18.98 N | -68.77 1.42 -23.72 N | -184.81 4.27 -40.10 N |
| SITHE___INDEPEND 23800 | -3.87 0.12 -3.47 N | -6.67 0.19 -5.63 N | -3.83 0.12 -3.77 N | 2.80 0.01 -3.31 N | -0.97 0.12 -6.45 N | 7.12 -0.03 -5.55 N | 22.43 -0.33 -5.37 N | 10.23 -0.07 -5.93 N | 25.82 -0.35 -4.45 N | -42.52 0.80 -8.58 N | -212.90 3.70 -23.94 N | -4.41 0.19 -8.32 N | 28.13 -0.38 -5.71 N | 81.00 -1.35 -2.25 N | 5.88 0.06 -9.96 N | -13.85 0.39 -13.42 N | 10.28 -0.07 -5.81 N | 120.05 -2.13 -1.00 N | -70.32 1.46 -14.35 N | -1.49 0.19 -10.94 N | 64.62 -1.02 -4.08 N | -4.51 0.19 -8.13 N | -81.98 1.77 -10.16 N | -207.41 4.59 -17.18 N |
| SITHE___MASSENA 23902 | -9.56 0.29 2.38 N | -15.85 0.51 3.87 N | -10.00 0.32 2.59 N | -2.78 0.02 2.28 N | -11.67 0.30 4.43 N | -2.29 -0.06 3.82 N | 13.09 -0.61 3.69 N | 0.15 -0.15 4.07 N | 17.63 -0.84 3.25 N | -56.52 1.98 6.60 N | -250.00 8.97 18.44 N | -18.76 0.56 6.41 N | 17.46 -0.95 4.40 N | 74.93 -3.43 1.73 N | -11.56 0.19 7.60 N | -35.95 1.21 9.49 N | -0.10 -0.19 4.45 N | 115.63 -4.78 0.77 N | -93.66 3.18 10.72 N | -19.67 0.46 7.51 N | 56.36 -2.40 2.80 N | -17.86 0.55 5.58 N | -97.26 3.62 6.98 N | -233.74 7.23 11.79 N |
| SITHE___OGDNSBRG 24021 | -9.27 0.31 2.11 N | -15.35 0.57 3.42 N | -9.66 0.36 2.29 N | -2.52 0.02 2.02 N | -11.13 0.33 3.92 N | -1.85 -0.06 3.37 N | 13.53 -0.59 3.26 N | 0.65 -0.13 3.60 N | 18.09 -0.73 2.90 N | -56.08 1.74 5.92 N | -249.29 7.77 16.52 N | -18.15 0.51 5.74 N | 18.03 -0.83 3.94 N | 75.47 -3.07 1.55 N | -10.79 0.16 6.81 N | -35.11 1.10 8.54 N | 0.38 -0.18 3.98 N | 116.30 -4.19 0.69 N | -92.87 2.83 9.58 N | -18.88 0.39 6.64 N | 57.12 -1.96 2.48 N | -17.27 0.50 4.94 N | -96.36 3.72 6.17 N | -232.52 7.09 10.43 N |
| SITHE___STERLING 23777 | -7.62 -0.16 0.00 N | -12.77 -0.27 0.00 N | -7.89 -0.16 0.00 N | -0.53 -0.01 0.00 N | -7.71 -0.17 0.00 N | 1.63 0.04 0.00 N | 17.89 0.51 0.00 N | 4.55 0.17 0.00 N | 22.53 0.80 0.00 N | -53.87 -1.98 0.00 N | -249.30 -8.77 0.00 N | -13.45 -0.53 0.00 N | 23.68 0.88 0.00 N | 83.11 3.01 0.00 N | -4.30 -0.15 0.00 N | -28.79 -1.13 0.00 N | 4.72 0.18 0.00 N | 125.55 4.37 0.00 N | -88.88 -2.77 0.00 N | -13.09 -0.47 0.00 N | 63.88 2.31 0.00 N | -13.29 -0.46 0.00 N | -96.22 -2.32 0.00 N | -233.88 -4.70 0.00 N |
| SOUTH CAIRO___GT 23612 | 72.92 -0.68 -81.06 N | 117.94 -1.14 -131.57 N | 79.62 -0.71 -88.07 N | 76.82 -0.05 -77.39 N | 142.38 -0.70 -150.62 N | 131.46 0.15 -129.72 N | 144.46 1.70 -125.37 N | 143.19 0.46 -138.35 N | 132.22 2.36 -108.14 N | 158.23 -5.63 -215.75 N | 335.80 -25.90 -602.23 N | 195.00 -1.38 -209.29 N | 168.96 2.55 -143.61 N | 145.93 9.21 -56.62 N | 244.56 -0.45 -249.16 N | 283.78 -3.02 -314.47 N | 151.49 0.52 -146.43 N | 160.38 13.94 -25.27 N | 259.69 -9.44 -355.25 N | 241.62 -1.31 -255.55 N | 163.73 6.86 -95.31 N | 175.64 -1.38 -189.85 N | 133.79 -9.62 -237.31 N | 149.54 -22.47 -401.18 N |
| SOUTH HAMPTN___IC 23720 | 62.72 -0.96 -71.15 N | 101.48 -1.50 -115.48 N | 68.63 -0.93 -77.29 N | 67.34 -0.06 -67.93 N | 123.77 -0.88 -132.19 N | 115.63 0.19 -113.85 N | 129.55 2.13 -110.03 N | 126.40 0.59 -121.42 N | 118.70 2.74 -94.23 N | 128.39 -6.61 -186.89 N | 256.65 -24.49 -521.67 N | 167.01 -1.37 -181.29 N | 150.03 2.83 -124.40 N | 139.71 10.57 -49.05 N | 211.48 -0.42 -216.04 N | 244.71 -2.82 -275.19 N | 131.66 0.55 -126.57 N | 158.48 15.46 -21.84 N | 212.89 -9.14 -308.16 N | 210.63 -1.03 -224.27 N | 152.88 7.67 -83.64 N | 152.18 -1.58 -166.59 N | 100.14 -14.22 -208.27 N | 88.54 -34.36 -352.08 N |
| SOUTHOLD___IC 23719 | 62.49 -1.19 -71.15 N | 101.07 -1.90 -115.48 N | 68.38 -1.18 -77.29 N | 67.32 -0.08 -67.93 N | 123.51 -1.15 -132.19 N | 115.69 0.25 -113.85 N | 130.26 2.84 -110.03 N | 126.60 0.80 -121.42 N | 119.67 3.71 -94.23 N | 126.13 -8.86 -186.89 N | 246.02 -35.12 -521.67 N | 166.41 -1.97 -181.29 N | 151.06 3.86 -124.40 N | 143.44 14.29 -49.05 N | 211.29 -0.61 -216.04 N | 243.46 -4.07 -275.19 N | 131.87 0.75 -126.57 N | 163.98 20.96 -21.84 N | 209.20 -12.84 -308.16 N | 210.06 -1.60 -224.27 N | 156.08 10.88 -83.64 N | 151.57 -2.19 -166.59 N | 96.67 -17.69 -208.27 N | 80.27 -42.64 -352.08 N |
| ST LAWRENCE___ 23600 | -9.64 0.31 2.49 N | -15.98 0.56 4.04 N | -10.09 0.35 2.71 N | -2.88 0.02 2.38 N | -11.84 0.33 4.63 N | -2.46 -0.07 3.99 N | 12.83 -0.69 3.85 N | -0.06 -0.18 4.25 N | 17.38 -0.95 3.39 N | -56.53 2.24 6.87 N | -249.55 10.17 19.19 N | -18.96 0.62 6.67 N | 17.16 -1.06 4.58 N | 74.45 -3.85 1.80 N | -11.86 0.20 7.92 N | -36.18 1.35 9.86 N | -0.31 -0.21 4.63 N | 114.98 -5.40 0.80 N | -93.67 3.61 11.17 N | -19.93 0.54 7.85 N | 55.88 -2.75 2.93 N | -18.04 0.62 5.83 N | -97.19 4.00 7.29 N | -233.36 8.15 12.33 N |
| STATION 5_MISC_HYD 23604 | -0.82 -0.21 -6.86 N | -1.66 -0.30 -11.14 N | -0.40 -0.12 -7.45 N | 6.02 -0.01 -6.55 N | 5.09 -0.12 -12.75 N | 12.60 0.03 -10.98 N | 28.33 0.33 -10.61 N | 16.32 0.19 -11.75 N | 31.27 0.72 -8.83 N | -37.35 -2.50 -17.04 N | -203.46 -10.50 -47.58 N | 3.00 -0.62 -16.54 N | 35.13 0.99 -11.34 N | 88.10 3.53 -4.47 N | 15.37 -0.25 -19.76 N | -3.37 -1.81 -26.10 N | 16.28 0.22 -11.53 N | 128.90 5.73 -1.99 N | -62.33 -4.61 -28.40 N | 8.17 -0.83 -21.63 N | 73.27 3.64 -8.07 N | 2.35 -0.89 -16.07 N | -77.85 -4.03 -20.08 N | -204.08 -8.86 -33.95 N |

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| STEEL___WIND 323596 | 2.43 0.20 -9.70 N | 3.45 0.21 -15.74 N | 2.97 0.17 -10.54 N | 8.75 0.01 -9.26 N | 10.67 0.19 -18.02 N | 17.05 -0.06 -15.52 N | 31.47 -0.91 -15.00 N | 20.69 -0.23 -16.55 N | 33.05 -1.12 -12.45 N | -26.11 1.74 -24.05 N | -163.90 9.50 -67.13 N | 10.90 0.48 -23.33 N | 37.60 -1.21 -16.01 N | 82.26 -4.15 -6.31 N | 23.88 0.10 -27.93 N | 10.30 0.80 -37.16 N | 20.60 -0.24 -16.31 N | 117.64 -6.34 -2.80 N | -42.51 3.62 -39.99 N | 18.13 0.34 -30.41 N | 70.12 -2.78 -11.34 N | 10.09 0.33 -22.59 N | -62.14 3.53 -28.24 N | -171.50 9.95 -47.73 N |
| STURGEON_POOL_HYD 23609 | 65.64 -0.57 -73.67 N | 106.15 -0.94 -119.58 N | 71.73 -0.58 -80.04 N | 69.77 -0.04 -70.34 N | 128.80 -0.56 -136.90 N | 119.61 0.12 -117.89 N | 132.71 1.38 -113.94 N | 130.49 0.37 -125.74 N | 121.38 1.89 -97.77 N | 138.20 -4.13 -194.22 N | 282.24 -19.38 -542.15 N | 174.45 -1.05 -188.41 N | 154.09 2.00 -129.29 N | 138.30 7.23 -50.97 N | 219.98 -0.34 -224.46 N | 255.31 -2.27 -285.24 N | 136.65 0.43 -131.68 N | 155.47 11.57 -22.72 N | 226.39 -7.71 -320.22 N | 218.62 -1.01 -232.25 N | 153.75 5.57 -86.62 N | 158.57 -1.15 -172.54 N | 112.93 -8.83 -215.67 N | 115.26 -20.16 -364.60 N |
| SYRACUSE___ENERGY_ST1 323597 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N |
| SYRACUSE___ENERGY_ST2 323598 | -0.56 -0.07 -6.98 N | -1.31 -0.14 -11.33 N | -0.23 -0.08 -7.58 N | 6.14 0.00 -6.66 N | 5.35 -0.08 -12.97 N | 12.78 0.02 -11.17 N | 28.41 0.23 -10.79 N | 16.38 0.10 -11.91 N | 31.07 0.42 -8.94 N | -35.72 -1.03 -17.21 N | -196.93 -4.44 -48.04 N | 3.50 -0.29 -16.70 N | 34.70 0.44 -11.46 N | 86.12 1.50 -4.52 N | 15.77 -0.08 -20.00 N | -2.97 -0.63 -25.32 N | 16.31 0.09 -11.68 N | 125.35 2.15 -2.02 N | -58.50 -1.22 -28.84 N | 9.14 -0.25 -22.02 N | 71.00 1.23 -8.21 N | 3.27 -0.25 -16.36 N | -74.53 -1.07 -20.45 N | -196.17 -1.56 -34.57 N |
| SYRACUSE___POWER 24017 | -0.56 -0.08 -6.99 N | -1.32 -0.16 -11.35 N | -0.23 -0.09 -7.59 N | 6.15 0.00 -6.67 N | 5.36 -0.09 -12.99 N | 12.80 0.02 -11.19 N | 28.47 0.27 -10.81 N | 16.41 0.11 -11.93 N | 31.14 0.48 -8.94 N | -35.79 -1.10 -17.20 N | -197.47 -4.94 -48.00 N | 3.42 -0.35 -16.68 N | 34.78 0.53 -11.45 N | 86.46 1.84 -4.51 N | 15.74 -0.10 -19.98 N | -5.02 -0.81 -23.46 N | 16.33 0.11 -11.67 N | 125.82 2.63 -2.02 N | -58.76 -1.48 -28.84 N | 9.15 -0.29 -22.06 N | 71.24 1.45 -8.23 N | 3.26 -0.30 -16.39 N | -74.67 -1.25 -20.48 N | -196.45 -1.89 -34.63 N |
| Stony___Brook 24151 | 62.84 -0.84 -71.15 N | 101.66 -1.31 -115.48 N | 68.75 -0.82 -77.29 N | 67.35 -0.05 -67.93 N | 123.89 -0.76 -132.19 N | 115.60 0.17 -113.85 N | 129.25 1.83 -110.03 N | 126.29 0.49 -121.42 N | 118.19 2.23 -94.23 N | 129.58 -5.42 -186.89 N | 262.15 -18.99 -521.67 N | 167.36 -1.03 -181.29 N | 149.46 2.26 -124.40 N | 137.68 8.54 -49.05 N | 211.59 -0.31 -216.04 N | 245.43 -2.10 -275.19 N | 131.55 0.44 -126.57 N | 155.44 12.41 -21.84 N | 215.04 -7.00 -308.16 N | 210.92 -0.74 -224.27 N | 151.29 6.08 -83.64 N | 152.40 -1.36 -166.59 N | 101.45 -12.91 -208.27 N | 91.86 -31.04 -352.08 N |
| UNION___PROCESSING_DRP 323587 | -0.45 0.01 -7.01 N | -1.17 -0.05 -11.38 N | -0.11 0.00 -7.62 N | 6.17 -0.01 -6.69 N | 5.50 0.01 -13.03 N | 12.80 -0.01 -11.22 N | 28.00 -0.23 -10.84 N | 16.32 -0.03 -11.97 N | 30.61 -0.10 -9.00 N | -34.94 -0.41 -17.36 N | -192.94 -0.87 -48.46 N | 3.86 -0.08 -16.84 N | 34.29 -0.07 -11.56 N | 84.36 -0.29 -4.56 N | 15.96 -0.06 -20.16 N | -1.25 -0.27 -26.68 N | 16.28 -0.04 -11.78 N | 122.21 -1.00 -2.03 N | -57.07 0.03 -29.01 N | 9.35 -0.12 -22.09 N | 69.67 -0.13 -8.24 N | 3.48 -0.10 -16.41 N | -72.91 0.48 -20.51 N | -192.84 1.66 -34.68 N |
| UPPER HUDSON___HYD 24058 | 92.02 -0.08 -99.57 N | 148.93 -0.18 -161.61 N | 100.33 -0.11 -108.17 N | 94.52 -0.02 -95.06 N | 177.34 -0.13 -185.01 N | 160.95 0.03 -159.33 N | 171.82 0.44 -153.99 N | 174.41 0.10 -169.94 N | 157.25 0.53 -134.99 N | 219.70 -1.29 -272.89 N | 515.35 -5.84 -761.71 N | 251.65 -0.15 -264.72 N | 204.73 0.29 -181.64 N | 152.49 0.78 -71.61 N | 310.21 -0.08 -314.43 N | 363.82 -0.40 -391.88 N | 194.78 0.02 -190.22 N | 154.09 0.08 -32.82 N | 368.27 -0.55 -454.94 N | 301.02 -0.19 -313.83 N | 180.46 1.85 -117.05 N | 219.96 -0.36 -233.15 N | 194.63 -2.90 -291.43 N | 256.51 -6.99 -492.67 N |
| UPPER RAQUET___HYD 24056 | -8.86 0.44 1.84 N | -14.69 0.79 2.98 N | -9.24 0.49 1.99 N | -2.25 0.03 1.75 N | -10.49 0.46 3.41 N | -1.44 -0.09 2.94 N | 13.58 -0.97 2.84 N | 1.02 -0.23 3.13 N | 17.89 -1.28 2.55 N | -54.18 2.95 5.24 N | -241.61 13.54 14.62 N | -17.18 0.81 5.08 N | 17.97 -1.34 3.49 N | 73.74 -4.98 1.37 N | -9.89 0.27 6.02 N | -33.53 1.73 7.59 N | 0.74 -0.28 3.52 N | 113.41 -7.16 0.61 N | -89.51 5.05 8.44 N | -17.72 0.67 5.78 N | 56.02 -3.38 2.16 N | -16.35 0.77 4.29 N | -93.86 5.41 5.37 N | -226.45 11.80 9.07 N |
| VISCHER___FERRY HYD 24020 | 86.98 -0.41 -94.86 N | 140.77 -0.70 -153.97 N | 94.91 -0.42 -103.06 N | 90.01 -0.03 -90.57 N | 168.31 -0.42 -176.27 N | 153.48 0.09 -151.80 N | 165.11 1.02 -146.71 N | 166.56 0.27 -161.90 N | 151.89 1.35 -128.82 N | 205.34 -3.39 -260.62 N | 471.48 -15.43 -727.44 N | 239.10 -0.80 -252.81 N | 197.66 1.39 -173.47 N | 153.41 4.92 -68.39 N | 295.81 -0.26 -300.21 N | 341.32 -1.81 -370.79 N | 183.07 0.27 -178.26 N | 159.18 7.25 -30.76 N | 336.83 -5.52 -428.46 N | 285.36 -0.77 -298.75 N | 176.88 3.89 -111.42 N | 208.31 -0.81 -221.94 N | 177.82 -5.70 -277.43 N | 226.24 -13.57 -468.99 N |
| WADING RIVER_IC_1 23522 | 62.81 -0.87 -71.15 N | 101.62 -1.36 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.79 -132.19 N | 115.61 0.17 -113.85 N | 129.27 1.85 -110.03 N | 126.31 0.51 -121.42 N | 118.26 2.30 -94.23 N | 129.53 -5.46 -186.89 N | 261.73 -19.42 -521.67 N | 167.30 -1.08 -181.29 N | 149.53 2.33 -124.40 N | 137.93 8.78 -49.05 N | 211.57 -0.33 -216.04 N | 245.31 -2.22 -275.19 N | 131.56 0.45 -126.57 N | 155.88 12.85 -21.84 N | 214.71 -7.33 -308.16 N | 210.90 -0.76 -224.27 N | 151.37 6.16 -83.64 N | 152.47 -1.29 -166.59 N | 101.70 -12.66 -208.27 N | 92.11 -30.79 -352.08 N |
| WADING RIVER_IC_2 23547 | 62.81 -0.87 -71.15 N | 101.62 -1.36 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.79 -132.19 N | 115.61 0.17 -113.85 N | 129.27 1.85 -110.03 N | 126.31 0.51 -121.42 N | 118.26 2.30 -94.23 N | 129.53 -5.46 -186.89 N | 261.73 -19.42 -521.67 N | 167.30 -1.08 -181.29 N | 149.53 2.33 -124.40 N | 137.93 8.78 -49.05 N | 211.57 -0.33 -216.04 N | 245.31 -2.22 -275.19 N | 131.56 0.45 -126.57 N | 155.88 12.85 -21.84 N | 214.71 -7.33 -308.16 N | 210.90 -0.76 -224.27 N | 151.37 6.16 -83.64 N | 152.47 -1.29 -166.59 N | 101.70 -12.66 -208.27 N | 92.11 -30.79 -352.08 N |
| WADING RIVER_IC_3 23601 | 62.81 -0.87 -71.15 N | 101.62 -1.36 -115.48 N | 68.72 -0.84 -77.29 N | 67.35 -0.05 -67.93 N | 123.87 -0.79 -132.19 N | 115.61 0.17 -113.85 N | 129.27 1.85 -110.03 N | 126.31 0.51 -121.42 N | 118.26 2.30 -94.23 N | 129.53 -5.46 -186.89 N | 261.73 -19.42 -521.67 N | 167.30 -1.08 -181.29 N | 149.53 2.33 -124.40 N | 137.93 8.78 -49.05 N | 211.57 -0.33 -216.04 N | 245.31 -2.22 -275.19 N | 131.56 0.45 -126.57 N | 155.88 12.85 -21.84 N | 214.71 -7.33 -308.16 N | 210.90 -0.76 -224.27 N | 151.37 6.16 -83.64 N | 152.47 -1.29 -166.59 N | 101.70 -12.66 -208.27 N | 92.11 -30.79 -352.08 N |
| WALDEN___HYDRO 24148 | 61.90 -0.56 -69.92 N | 100.10 -0.89 -113.49 N | 67.68 -0.55 -75.96 N | 66.19 -0.04 -66.76 N | 121.85 -0.53 -129.93 N | 113.60 0.12 -111.89 N | 126.86 1.33 -108.14 N | 124.08 0.36 -119.34 N | 116.25 1.86 -92.66 N | 127.69 -4.27 -183.85 N | 252.90 -19.77 -513.20 N | 164.36 -1.08 -178.35 N | 147.25 2.07 -122.38 N | 135.85 7.50 -48.25 N | 208.02 -0.36 -212.52 N | 240.51 -2.40 -270.57 N | 129.55 0.43 -124.58 N | 154.33 11.65 -21.50 N | 209.44 -7.63 -303.18 N | 206.80 -1.00 -220.43 N | 149.23 5.46 -82.21 N | 149.82 -1.11 -163.76 N | 102.26 -8.53 -204.70 N | 97.15 -19.71 -346.04 N |

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