

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

05/17/2008

| 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 | 55.06 | -162.37 | 112.97 | 64.28 | 109.07 | 92.95 | 69.79 | 130.80 | 126.81 | 133.60 | 115.11 | 73.18 | 59.73 | 96.00 | 93.25 | 82.61 | 80.10 | 105.74 | 135.99 | 157.58 | 74.87 | 24.63 | 104.35 | 41.90 |
| 24138 | 0.46 | -38.13 | -0.48 | 0.22 | -0.29 | 0.99 | 3.07 | -11.19 | 1.42 | 0.83 | 1.09 | 0.56 | 2.34 | -0.91 | -0.77 | 3.20 | -1.10 | -1.50 | -1.89 | -2.41 | -1.07 | 1.12 | -0.43 | 0.90 |
| | -48.44 | -405.50 | -120.74 | -61.10 | -113.26 | -79.37 | -29.89 | -271.92 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.17 | -101.83 | -46.45 | -92.72 | -123.11 | -158.79 | -186.74 | -87.00 | -11.13 | -109.21 | -31.43 |
| | 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 | 55.07 | -163.13 | 112.97 | 64.29 | 109.07 | 92.97 | 69.83 | 130.68 | 126.83 | 133.61 | 115.13 | 73.19 | 59.77 | 95.99 | 93.24 | 82.64 | 80.09 | 105.75 | 135.97 | 157.54 | 74.86 | 25.05 | 104.34 | 41.92 |
| 24260 | 0.48 | -38.89 | -0.49 | 0.22 | -0.28 | 1.01 | 3.11 | -11.32 | 1.43 | 0.84 | 1.10 | 0.56 | 2.38 | -0.92 | -0.78 | 3.24 | -1.12 | -1.53 | -1.92 | -2.45 | -1.09 | 1.14 | -0.43 | 0.92 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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 | 55.07 | -163.13 | 112.97 | 64.29 | 109.07 | 92.97 | 69.83 | 130.68 | 126.83 | 133.61 | 115.13 | 73.19 | 59.77 | 95.99 | 93.24 | 82.64 | 80.09 | 105.75 | 135.97 | 157.54 | 74.86 | 25.05 | 104.34 | 41.92 |
| 24261 | 0.48 | -38.89 | -0.49 | 0.22 | -0.28 | 1.01 | 3.11 | -11.32 | 1.43 | 0.84 | 1.10 | 0.56 | 2.38 | -0.92 | -0.78 | 3.24 | -1.12 | -1.53 | -1.92 | -2.45 | -1.09 | 1.14 | -0.43 | 0.92 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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 | 69.63 | -27.89 | 149.64 | 84.26 | 146.27 | 117.80 | 77.88 | 220.08 | 160.28 | 53.78 | 62.70 | 93.85 | 69.60 | 129.36 | 125.30 | 95.94 | 111.20 | 146.68 | 189.29 | 220.28 | 104.18 | 23.29 | 140.70 | 51.87 |
| 24011 | 0.33 | -26.35 | -0.35 | 0.15 | -0.23 | 0.74 | 1.92 | -5.94 | 0.94 | 0.65 | 0.80 | 0.42 | 1.68 | -0.68 | -0.50 | 1.84 | -0.60 | -0.95 | -1.20 | -1.58 | -0.59 | 0.67 | -0.25 | 0.45 |
| | -63.13 | -528.20 | -157.27 | -81.14 | -150.41 | -104.48 | -39.13 | -355.96 | -143.38 | -43.92 | -49.68 | -87.50 | -44.29 | -139.30 | -133.62 | -61.15 | -123.32 | -163.50 | -211.40 | -248.61 | -115.82 | -10.25 | -145.40 | -41.84 |
| | 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 | 69.63 | -27.89 | 149.64 | 84.26 | 146.27 | 117.80 | 77.88 | 220.08 | 160.28 | 53.78 | 62.70 | 93.85 | 69.60 | 129.36 | 125.30 | 95.94 | 111.20 | 146.68 | 189.29 | 220.28 | 104.18 | 23.29 | 140.70 | 51.87 |
| 23798 | 0.33 | -26.35 | -0.35 | 0.15 | -0.23 | 0.74 | 1.92 | -5.94 | 0.94 | 0.65 | 0.80 | 0.42 | 1.68 | -0.68 | -0.50 | 1.84 | -0.60 | -0.95 | -1.20 | -1.58 | -0.59 | 0.67 | -0.25 | 0.45 |
| | -63.13 | -528.20 | -157.27 | -81.14 | -150.41 | -104.48 | -39.13 | -355.96 | -143.38 | -43.92 | -49.68 | -87.50 | -44.29 | -139.30 | -133.62 | -61.15 | -123.32 | -163.50 | -211.40 | -248.61 | -115.82 | -10.25 | -145.40 | -41.84 |
| | 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 | 69.63 | -27.89 | 149.64 | 84.26 | 146.27 | 117.80 | 77.88 | 220.08 | 160.28 | 53.78 | 62.70 | 93.85 | 69.60 | 129.36 | 125.30 | 95.94 | 111.20 | 146.68 | 189.29 | 220.28 | 104.18 | 23.29 | 140.70 | 51.87 |
| 24028 | 0.33 | -26.35 | -0.35 | 0.15 | -0.23 | 0.74 | 1.92 | -5.94 | 0.94 | 0.65 | 0.80 | 0.42 | 1.68 | -0.68 | -0.50 | 1.84 | -0.60 | -0.95 | -1.20 | -1.58 | -0.59 | 0.67 | -0.25 | 0.45 |
| | -63.13 | -528.20 | -157.27 | -81.14 | -150.41 | -104.48 | -39.13 | -355.96 | -143.38 | -43.92 | -49.68 | -87.50 | -44.29 | -139.30 | -133.62 | -61.15 | -123.32 | -163.50 | -211.40 | -248.61 | -115.82 | -10.25 | -145.40 | -41.84 |
| | 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 | 68.02 | -36.38 | 145.87 | 82.23 | 142.63 | 115.81 | 77.01 | 215.66 | 158.19 | 52.85 | 61.65 | 92.57 | 68.19 | 127.91 | 123.81 | 94.46 | 108.30 | 142.92 | 184.44 | 214.62 | 101.50 | 22.75 | 137.21 | 50.67 |
| 23527 | 0.27 | -21.95 | -0.28 | 0.13 | -0.17 | 0.55 | 1.54 | -5.86 | 0.66 | 0.39 | 0.46 | 0.24 | 0.84 | -0.36 | -0.30 | 1.30 | -0.46 | -0.68 | -0.84 | -1.11 | -0.41 | 0.38 | -0.16 | 0.29 |
| | -61.59 | -515.31 | -153.43 | -79.14 | -146.70 | -102.68 | -38.63 | -351.45 | -141.56 | -43.26 | -48.97 | -86.39 | -43.73 | -137.54 | -131.93 | -60.21 | -120.28 | -159.47 | -206.19 | -242.48 | -112.96 | -9.99 | -141.81 | -40.81 |
| | 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 | 67.93 | -33.52 | 145.81 | 82.26 | 142.76 | 115.93 | 76.88 | 217.95 | 158.47 | 43.96 | 55.39 | 92.80 | 68.18 | 128.54 | 124.38 | 94.22 | 108.57 | 143.35 | 185.00 | 215.34 | 101.76 | 22.68 | 137.40 | 50.70 |
| 24190 | 0.21 | -18.77 | -0.25 | 0.10 | -0.14 | 0.44 | 1.30 | -4.69 | 0.47 | 0.26 | 0.35 | 0.16 | 0.66 | -0.23 | -0.19 | 0.88 | -0.32 | -0.43 | -0.50 | -0.64 | -0.27 | 0.30 | -0.12 | 0.28 |
| | -61.56 | -515.00 | -153.34 | -79.20 | -146.81 | -102.91 | -38.76 | -352.57 | -142.04 | -34.50 | -42.83 | -86.71 | -43.89 | -138.04 | -132.40 | -60.39 | -120.41 | -159.64 | -206.41 | -242.74 | -113.08 | -10.00 | -141.96 | -40.85 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__1 | 67.93 | -33.52 | 145.81 | 82.26 | 142.76 | 115.93 | 76.88 | 217.95 | 158.47 | 43.96 | 55.39 | 92.80 | 68.18 | 128.54 | 124.38 | 94.22 | 108.57 | 143.35 | 185.00 | 215.34 | 101.76 | 22.68 | 137.40 | 50.70 |
| 23571 | 0.21 | -18.77 | -0.25 | 0.10 | -0.14 | 0.44 | 1.30 | -4.69 | 0.47 | 0.26 | 0.35 | 0.16 | 0.66 | -0.23 | -0.19 | 0.88 | -0.32 | -0.43 | -0.50 | -0.64 | -0.27 | 0.30 | -0.12 | 0.28 |
| | -61.56 | -515.00 | -153.34 | -79.20 | -146.81 | -102.91 | -38.76 | -352.57 | -142.04 | -34.50 | -42.83 | -86.71 | -43.89 | -138.04 | -132.40 | -60.39 | -120.41 | -159.64 | -206.41 | -242.74 | -113.08 | -10.00 | -141.96 | -40.85 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__2 | 67.93 | -33.52 | 145.81 | 82.26 | 142.76 | 115.93 | 76.88 | 217.95 | 158.47 | 43.96 | 55.39 | 92.80 | 68.18 | 128.54 | 124.38 | 94.22 | 108.57 | 143.35 | 185.00 | 215.34 | 101.76 | 22.68 | 137.40 | 50.70 |
| 23572 | 0.21 | -18.77 | -0.25 | 0.10 | -0.14 | 0.44 | 1.30 | -4.69 | 0.47 | 0.26 | 0.35 | 0.16 | 0.66 | -0.23 | -0.19 | 0.88 | -0.32 | -0.43 | -0.50 | -0.64 | -0.27 | 0.30 | -0.12 | 0.28 |
| | -61.56 | -515.00 | -153.34 | -79.20 | -146.81 | -102.91 | -38.76 | -352.57 | -142.04 | -34.50 | -42.83 | -86.71 | -43.89 | -138.04 | -132.40 | -60.39 | -120.41 | -159.64 | -206.41 | -242.74 | -113.08 | -10.00 | -141.96 | -40.85 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY__3 | 67.93 | -33.52 | 145.81 | 82.26 | 142.76 | 115.93 | 76.88 | 217.95 | 158.47 | 43.96 | 55.39 | 92.80 | 68.18 | 128.54 | 124.38 | 94.22 | 108.57 | 143.35 | 185.00 | 215.34 | 101.76 | 22.68 | 137.40 | 50.70 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|
| 23573 | 0.21 -61.56 N | -18.77 -515.00 N | -0.25 -153.34 N | 0.10 -79.20 N | -0.14 -146.81 N | 0.44 -102.91 N | 1.30 -38.76 N | -4.69 -352.57 N | 0.47 -142.04 N | 0.26 -34.50 N | 0.35 -42.83 N | 0.16 -86.71 N | 0.66 -43.89 N | -0.23 -138.04 N | -0.19 -132.40 N | 0.88 -60.39 N | -0.32 -120.41 N | -0.43 -159.64 N | -0.50 -206.41 N | -0.64 -242.74 N | -0.27 -113.08 N | 0.30 -10.00 N | -0.12 -141.96 N | 0.28 -40.85 N |
| ALBANY____4 23574 | 67.93 0.21 -61.56 N | -33.52 -18.77 -515.00 N | 145.81 -0.25 -153.34 N | 82.26 0.10 -79.20 N | 142.76 -0.14 -146.81 N | 115.93 0.44 -102.91 N | 76.88 1.30 -38.76 N | 217.95 -4.69 -352.57 N | 158.47 0.47 -142.04 N | 43.96 0.26 -34.50 N | 55.39 0.35 -42.83 N | 92.80 0.16 -86.71 N | 68.18 0.66 -43.89 N | 128.54 -0.23 -138.04 N | 124.38 -0.19 -132.40 N | 94.22 0.88 -60.39 N | 108.57 -0.32 -120.41 N | 143.35 -0.43 -159.64 N | 185.00 -0.50 -206.41 N | 215.34 -0.64 -242.74 N | 101.76 -0.27 -113.08 N | 22.68 0.30 -10.00 N | 137.40 -0.12 -141.96 N | 50.70 0.28 -40.85 N |
| ALCOA_RYNLDS____DRP 24188 | 3.29 -0.54 2.33 N | -492.73 56.51 19.49 N | -12.28 0.80 5.80 N | -0.37 -0.32 3.01 N | -9.05 0.43 5.57 N | 7.17 -1.52 3.89 N | 31.35 -4.02 1.46 N | -129.75 13.48 13.29 N | 8.92 -1.70 5.34 N | 6.81 -1.10 1.29 N | 9.15 -1.47 1.61 N | 1.98 -0.70 3.25 N | 18.71 -3.28 1.65 N | -13.18 1.26 5.17 N | -11.72 1.06 4.96 N | 26.49 -4.19 2.27 N | -14.55 1.52 4.55 N | -19.67 2.23 6.03 N | -26.19 2.51 7.80 N | -33.20 2.72 9.17 N | -14.08 1.24 4.27 N | 10.72 -1.28 0.38 N | -9.32 0.48 5.36 N | 7.03 -1.00 1.54 N |
| ALLEGHENY____COGEN 23514 | 13.75 -0.05 -7.63 N | -463.64 2.22 -63.89 N | 11.82 0.08 -19.02 N | 12.72 -0.04 -9.81 N | 14.34 0.06 -18.18 N | 25.15 -0.19 -12.76 N | 40.92 -0.73 -4.81 N | -82.46 3.68 -43.79 N | 33.18 -0.41 -17.63 N | 13.28 -0.20 -4.28 N | 17.28 -0.25 -5.31 N | 16.54 -0.14 -10.75 N | 28.42 -0.65 -5.44 N | 8.11 0.26 -17.11 N | 8.79 0.20 -16.41 N | 39.47 -0.97 -7.49 N | 3.73 0.33 -14.92 N | 4.34 0.42 -19.79 N | 5.14 0.47 -25.58 N | 3.95 0.62 -30.09 N | 3.34 0.38 -14.02 N | 13.33 -0.29 -1.24 N | 13.30 0.14 -17.60 N | 14.44 -0.19 -5.06 N |
| AMERICAN_REF_FUEL 24010 | 12.57 -0.44 -6.85 N | -440.21 32.18 -57.35 N | 10.24 0.45 -17.08 N | 11.55 -0.22 -8.81 N | 12.70 0.29 -16.32 N | 23.05 -1.03 -11.50 N | 37.85 -3.35 -4.37 N | -78.52 11.67 -39.74 N | 30.07 -1.89 -16.00 N | 12.00 -1.08 -3.88 N | 15.66 -1.38 -4.82 N | 15.01 -0.68 -9.76 N | 25.59 -2.98 -4.94 N | 7.39 1.13 -15.53 N | 7.99 0.92 -14.89 N | 35.71 -4.04 -6.79 N | 3.40 1.39 -13.54 N | 3.92 1.84 -17.95 N | 4.64 2.34 -23.21 N | 3.43 2.88 -27.30 N | 3.01 1.35 -12.72 N | 12.04 -1.46 -1.13 N | 12.06 0.54 -15.96 N | 13.24 -0.93 -4.59 N |
| ARTHUR_KILL_GT_1 23520 | 55.02 0.43 -48.43 N | -164.53 -33.31 -398.53 N | 102.76 -0.43 -110.46 N | 64.25 0.19 -61.10 N | 109.09 -0.25 -113.25 N | 92.84 0.89 -79.37 N | 69.48 2.76 -29.89 N | 131.84 -10.15 -271.93 N | 126.66 1.27 -109.43 N | 133.52 0.75 -123.57 N | 114.99 0.97 -101.80 N | 73.13 0.50 -66.69 N | 59.53 2.14 -33.76 N | 96.08 -0.83 -106.18 N | 93.32 -0.70 -101.83 N | 82.32 2.92 -46.45 N | 80.21 -1.00 -92.73 N | 105.90 -1.38 -123.14 N | 136.19 -1.69 -158.79 N | 157.82 -2.17 -186.74 N | 74.96 -0.99 -87.00 N | 24.98 1.06 -11.54 N | 129.66 -0.42 -134.52 N | 153.92 0.88 -143.46 N |
| ARTHUR_KILL_2 23512 | 55.02 0.43 -48.43 N | -164.53 -33.31 -398.53 N | 102.76 -0.43 -110.46 N | 64.25 0.19 -61.10 N | 109.09 -0.25 -113.25 N | 92.84 0.89 -79.37 N | 69.48 2.76 -29.89 N | 131.84 -10.15 -271.93 N | 126.66 1.27 -109.43 N | 133.52 0.75 -123.57 N | 114.99 0.97 -101.80 N | 73.13 0.50 -66.69 N | 59.53 2.14 -33.76 N | 96.08 -0.83 -106.18 N | 93.32 -0.70 -101.83 N | 82.32 2.92 -46.45 N | 80.21 -1.00 -92.73 N | 105.90 -1.38 -123.14 N | 136.19 -1.69 -158.79 N | 157.82 -2.17 -186.74 N | 74.96 -0.99 -87.00 N | 24.98 1.06 -11.54 N | 129.66 -0.42 -134.52 N | 153.92 0.88 -143.46 N |
| ARTHUR_KILL_3 23513 | 55.03 0.43 -48.44 N | -158.99 -34.75 -405.51 N | 113.03 -0.43 -120.74 N | 64.26 0.19 -61.10 N | 109.10 -0.25 -113.26 N | 92.86 0.90 -79.38 N | 69.58 2.85 -29.89 N | 131.58 -10.41 -271.93 N | 126.71 1.32 -109.43 N | 133.53 0.76 -123.57 N | 115.02 1.00 -101.80 N | 73.14 0.51 -66.69 N | 59.58 2.19 -33.76 N | 96.06 -0.85 -106.17 N | 93.30 -0.72 -101.83 N | 82.38 2.98 -46.45 N | 80.18 -1.03 -92.73 N | 105.87 -1.40 -123.13 N | 136.12 -1.76 -158.80 N | 157.74 -2.26 -186.75 N | 74.94 -1.00 -87.00 N | 24.82 1.03 -11.41 N | 129.67 -0.40 -134.51 N | 150.07 0.85 -139.65 N |
| ASHOKAN____ 23654 | 58.96 0.48 -52.33 N | -129.51 -39.38 -439.62 N | 123.09 -0.53 -130.89 N | 70.33 0.23 -67.14 N | 120.25 -0.30 -124.46 N | 100.81 0.99 -87.24 N | 72.67 2.99 -32.85 N | 158.29 -10.65 -298.88 N | 136.91 1.33 -119.62 N | 107.95 0.75 -98.00 N | 98.05 0.99 -84.84 N | 78.71 0.48 -72.29 N | 62.21 1.99 -36.59 N | 105.05 -0.76 -115.07 N | 101.88 -0.64 -110.34 N | 85.98 2.70 -50.33 N | 87.90 -0.94 -100.36 N | 115.90 -1.29 -133.05 N | 149.44 -1.68 -172.03 N | 173.39 -2.17 -202.31 N | 82.26 -0.94 -94.25 N | 21.72 1.00 -8.34 N | 113.51 -0.36 -118.32 N | 44.37 0.75 -34.05 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 55.08 0.48 -48.44 N | -163.63 -39.39 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.90 3.18 -29.89 N | 130.27 -11.72 -271.93 N | 126.80 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.06 1.04 -101.80 N | 73.19 0.56 -66.70 N | 59.72 2.33 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.59 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.79 -1.48 -123.14 N | 136.06 -1.83 -158.79 N | 157.61 -2.38 -186.74 N | 74.87 -1.07 -87.00 N | 25.05 1.13 -11.54 N | 104.34 -0.43 -109.21 N | 41.94 0.94 -31.43 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N |
| ASTORIA_GT2_1 24094 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N |
| ASTORIA_GT2_2 24095 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N |
| ASTORIA_GT2_3 24096 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|---------|---------|--------|---------|--------|--------|---------|---------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|---------|--------|--------|---------|--------|
| ASTORIA_GT2_4 24097 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT3_1 24098 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT3_2 24099 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT3_3 24100 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT3_4 24101 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT4_1 24102 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT4_2 24103 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT4_3 24104 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_GT4_4 24105 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_1 23523 | 55.09 | -163.80 | 112.96 | 64.29 | 109.06 | 92.99 | 69.91 | 130.28 | 126.81 | 133.60 | 115.07 | 73.19 | 59.74 | 96.00 | 93.25 | 82.62 | 80.10 | 105.78 | 136.04 | 157.59 | 74.86 | 25.06 | 104.34 | 41.95 |
| | 0.49 | -39.56 | -0.50 | 0.23 | -0.29 | 1.03 | 3.19 | -11.72 | 1.41 | 0.83 | 1.05 | 0.57 | 2.35 | -0.91 | -0.77 | 3.22 | -1.11 | -1.50 | -1.84 | -2.40 | -1.08 | 1.14 | -0.43 | 0.95 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_10 24110 | 55.09 | -163.68 | 112.97 | 64.29 | 109.07 | 92.98 | 69.86 | 130.55 | 126.83 | 133.61 | 115.11 | 73.20 | 59.78 | 95.99 | 93.23 | 82.67 | 80.08 | 105.74 | 135.99 | 157.56 | 74.85 | 25.07 | 104.34 | 41.94 |
| | 0.49 | -39.44 | -0.49 | 0.23 | -0.29 | 1.02 | 3.14 | -11.45 | 1.43 | 0.84 | 1.09 | 0.57 | 2.39 | -0.92 | -0.78 | 3.27 | -1.13 | -1.53 | -1.90 | -2.43 | -1.09 | 1.15 | -0.44 | 0.94 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_11 24225 | 55.09 | -163.68 | 112.97 | 64.29 | 109.07 | 92.98 | 69.86 | 130.55 | 126.83 | 133.61 | 115.11 | 73.20 | 59.78 | 95.99 | 93.23 | 82.67 | 80.08 | 105.74 | 135.99 | 157.56 | 74.85 | 25.07 | 104.34 | 41.94 |
| | 0.49 | -39.44 | -0.49 | 0.23 | -0.29 | 1.02 | 3.14 | -11.45 | 1.43 | 0.84 | 1.09 | 0.57 | 2.39 | -0.92 | -0.78 | 3.27 | -1.13 | -1.53 | -1.90 | -2.43 | -1.09 | 1.15 | -0.44 | 0.94 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_12 24226 | 55.09 | -163.68 | 112.97 | 64.29 | 109.07 | 92.98 | 69.86 | 130.55 | 126.83 | 133.61 | 115.11 | 73.20 | 59.78 | 95.99 | 93.23 | 82.67 | 80.08 | 105.74 | 135.99 | 157.56 | 74.85 | 25.07 | 104.34 | 41.94 |
| | 0.49 | -39.44 | -0.49 | 0.23 | -0.29 | 1.02 | 3.14 | -11.45 | 1.43 | 0.84 | 1.09 | 0.57 | 2.39 | -0.92 | -0.78 | 3.27 | -1.13 | -1.53 | -1.90 | -2.43 | -1.09 | 1.15 | -0.44 | 0.94 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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_13 24227 | 55.09 | -163.68 | 112.97 | 64.29 | 109.07 | 92.98 | 69.86 | 130.55 | 126.83 | 133.61 | 115.11 | 73.20 | 59.78 | 95.99 | 93.23 | 82.67 | 80.08 | 105.74 | 135.99 | 157.56 | 74.85 | 25.07 | 104.34 | 41.94 |
| | 0.49 | -39.44 | -0.49 | 0.23 | -0.29 | 1.02 | 3.14 | -11.45 | 1.43 | 0.84 | 1.09 | 0.57 | 2.39 | -0.92 | -0.78 | 3.27 | -1.13 | -1.53 | -1.90 | -2.43 | -1.09 | 1.15 | -0.44 | 0.94 |
| | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -11.54 | -109.21 | -31.43 |
| | 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 | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_5 24106 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N | |
| ASTORIA_GT_7 24107 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N | |
| ASTORIA_GT_8 24108 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N | |
| ASTORIA___2 24149 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N | |
| ASTORIA___3 23516 | 55.09 0.49 -48.44 N | -163.68 -39.44 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.14 -29.89 N | 130.55 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.78 2.39 -33.76 N | 95.99 -0.92 -106.18 N | 93.23 -0.78 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.85 -1.09 -87.00 N | 25.07 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N | |
| ASTORIA___4 23517 | 55.09 0.49 -48.44 N | -163.80 -39.56 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.91 3.19 -29.89 N | 130.28 -11.72 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 115.07 1.05 -101.80 N | 73.19 0.57 -66.70 N | 59.74 2.35 -33.76 N | 96.00 -0.91 -106.18 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.78 -1.50 -123.14 N | 136.04 -1.84 -158.79 N | 157.59 -2.40 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 104.34 -0.43 -109.21 N | 41.95 0.95 -31.43 N | |
| ASTORIA___5 23518 | 55.09 0.49 -48.44 N | -163.68 -39.44 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.14 -29.89 N | 130.55 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.78 2.39 -33.76 N | 95.99 -0.92 -106.18 N | 93.23 -0.78 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.85 -1.09 -87.00 N | 25.07 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N | |
| ATHENS_STG_1 23668 | 60.08 0.24 -53.69 N | -100.43 -20.06 -449.37 N | 126.26 -0.26 -133.80 N | 72.85 0.11 -69.79 N | 125.31 -0.14 -129.36 N | 103.71 0.46 -90.67 N | 72.36 1.39 -34.15 N | 175.77 -4.94 -310.65 N | 141.62 0.59 -125.06 N | -4.06 0.35 13.61 N | 19.14 0.45 -6.47 N | 82.42 0.23 -76.26 N | 63.22 0.99 -38.60 N | 111.75 -0.39 -121.40 N | 108.29 -0.33 -116.44 N | 87.46 1.40 -53.11 N | 93.90 -0.48 -105.90 N | 123.88 -0.66 -140.41 N | 159.76 -0.87 -181.54 N | 185.64 -1.10 -213.49 N | 87.93 -0.48 -99.46 N | 21.69 0.51 -8.80 N | 120.22 -0.20 -124.86 N | 45.91 0.41 -35.93 N | |
| ATHENS_STG_2 23670 | 60.08 0.24 -53.69 N | -100.43 -20.06 -449.37 N | 126.26 -0.26 -133.80 N | 72.85 0.11 -69.79 N | 125.31 -0.14 -129.36 N | 103.71 0.46 -90.67 N | 72.36 1.39 -34.15 N | 175.77 -4.94 -310.65 N | 141.62 0.59 -125.06 N | -4.06 0.35 13.61 N | 19.14 0.45 -6.47 N | 82.42 0.23 -76.26 N | 63.22 0.99 -38.60 N | 111.75 -0.39 -121.40 N | 108.29 -0.33 -116.44 N | 87.46 1.40 -53.11 N | 93.90 -0.48 -105.90 N | 123.88 -0.66 -140.41 N | 159.76 -0.87 -181.54 N | 185.64 -1.10 -213.49 N | 87.93 -0.48 -99.46 N | 21.69 0.51 -8.80 N | 120.22 -0.20 -124.86 N | 45.91 0.41 -35.93 N | |
| ATHENS_STG_3 23677 | 60.08 0.24 -53.69 N | -100.43 -20.06 -449.37 N | 126.26 -0.26 -133.80 N | 72.85 0.11 -69.79 N | 125.31 -0.14 -129.36 N | 103.71 0.46 -90.67 N | 72.36 1.39 -34.15 N | 175.77 -4.94 -310.65 N | 141.62 0.59 -125.06 N | -4.06 0.35 13.61 N | 19.14 0.45 -6.47 N | 82.42 0.23 -76.26 N | 63.22 0.99 -38.60 N | 111.75 -0.39 -121.40 N | 108.29 -0.33 -116.44 N | 87.46 1.40 -53.11 N | 93.90 -0.48 -105.90 N | 123.88 -0.66 -140.41 N | 159.76 -0.87 -181.54 N | 185.64 -1.10 -213.49 N | 87.93 -0.48 -99.46 N | 21.69 0.51 -8.80 N | 120.22 -0.20 -124.86 N | 45.91 0.41 -35.93 N | |
| BARRETT_IC_1 23704 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N | |
| BARRETT_IC_10 23701 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N | |
| BARRETT_IC_11 23702 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N | |
| BARRETT_IC_12 | 55.12 | -165.66 | 113.07 | 64.31 | 109.11 | 93.02 | 69.93 | 129.93 | 131.72 | 133.63 | 129.96 | 376.87 | 122.23 | 123.56 | 124.37 | 122.59 | 121.61 | 122.76 | 136.20 | 157.91 | 186.21 | 239.68 | 104.35 | 41.94 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| 23703 | 0.51 -48.45 N | -41.48 -405.56 N | -0.41 -120.75 N | 0.24 -61.11 N | -0.26 -113.28 N | 1.05 -79.39 N | 3.21 -29.90 N | -12.10 -271.96 N | 1.52 -114.24 N | 0.84 -123.59 N | 1.07 -116.67 N | 0.57 -370.36 N | 2.46 -96.13 N | -0.94 -133.76 N | -0.79 -132.98 N | 3.38 -86.25 N | -1.15 -134.28 N | -1.53 -140.16 N | -1.70 -158.82 N | -2.11 -186.77 N | -1.09 -198.35 N | 1.07 -226.24 N | -0.43 -109.23 N | 0.94 -31.43 N |
| BARRETT_IC_2 23705 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_3 23706 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_4 23707 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_5 23708 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_6 23709 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_7 23710 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_8 23711 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT_IC_9 23700 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT___1 23545 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BARRETT___2 23546 | 55.12 0.51 -48.45 N | -165.66 -41.48 -405.56 N | 113.07 -0.41 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.02 1.05 -79.39 N | 69.93 3.21 -29.90 N | 129.93 -12.10 -271.96 N | 131.72 1.52 -114.24 N | 133.63 0.84 -123.59 N | 129.96 1.07 -116.67 N | 376.87 0.57 -370.36 N | 122.23 2.46 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.79 -132.98 N | 122.59 3.38 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.20 -1.70 -158.82 N | 157.91 -2.11 -186.77 N | 186.21 -1.09 -198.35 N | 239.68 1.07 -226.24 N | 104.35 -0.43 -109.23 N | 41.94 0.94 -31.43 N |
| BEAVER RIVER___HYD 24048 | 5.99 -0.16 0.00 N | -513.56 16.19 0.00 N | -7.05 0.23 0.00 N | 2.86 -0.10 0.00 N | -3.78 0.13 0.00 N | 12.14 -0.44 0.00 N | 35.65 -1.17 0.00 N | -126.03 3.90 0.00 N | 15.58 -0.38 0.00 N | 8.97 -0.23 0.00 N | 11.91 -0.31 0.00 N | 5.76 -0.18 0.00 N | 22.71 -0.92 0.00 N | -8.89 0.37 0.00 N | -7.50 0.31 0.00 N | 31.70 -1.25 0.00 N | -11.09 0.43 0.00 N | -15.25 0.62 0.00 N | -20.34 0.57 0.00 N | -26.12 0.63 0.00 N | -10.75 0.30 0.00 N | 12.12 -0.26 0.00 N | -4.33 0.12 0.00 N | 9.30 -0.27 0.00 N |
| BEEBEE_GT_13 23619 | 11.21 -0.10 -5.16 N | -478.06 8.50 -43.19 N | 5.70 0.12 -12.86 N | 9.51 -0.08 -6.63 N | 8.48 0.09 -12.29 N | 20.86 -0.35 -8.64 N | 38.96 -1.14 -3.27 N | -96.41 3.78 -29.75 N | 27.42 -0.52 -11.98 N | 11.86 -0.25 -2.91 N | 15.55 -0.27 -3.61 N | 13.10 -0.14 -7.30 N | 26.64 -0.69 -3.70 N | 2.61 0.25 -11.63 N | 3.52 0.18 -11.15 N | 37.07 -0.97 -5.09 N | -1.05 0.34 -10.14 N | -1.99 0.43 -13.44 N | -3.00 0.54 -17.38 N | -5.66 0.65 -20.44 N | -1.18 0.36 -9.52 N | 12.89 -0.33 -0.84 N | 7.67 0.16 -11.95 N | 12.71 -0.30 -3.44 N |
| BETHLEHEM___GRP 23843 | 67.93 0.21 -61.56 N | -33.52 -18.77 -515.00 N | 145.81 -0.25 -153.34 N | 82.26 0.10 -79.20 N | 142.76 -0.14 -146.81 N | 115.93 0.44 -102.91 N | 76.88 1.30 -38.76 N | 217.95 -4.69 -352.57 N | 158.47 0.47 -142.04 N | 43.96 0.26 -34.50 N | 55.39 0.35 -42.83 N | 92.80 0.16 -86.71 N | 68.18 0.66 -43.89 N | 128.54 -0.23 -138.04 N | 124.38 -0.19 -132.40 N | 94.22 0.88 -60.39 N | 108.57 -0.32 -120.41 N | 143.35 -0.43 -159.64 N | 185.00 -0.50 -206.41 N | 215.34 -0.64 -242.74 N | 101.76 -0.27 -113.08 N | 22.68 0.30 -10.00 N | 137.40 -0.12 -141.96 N | 50.70 0.28 -40.85 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| BETHLEHEM___GS1 323560 | 67.93 0.21 -61.56 N | -33.52 -18.77 -515.00 N | 145.81 -0.25 -153.34 N | 82.26 0.10 -79.20 N | 142.76 -0.14 -146.81 N | 115.93 0.44 -102.91 N | 76.88 1.30 -38.76 N | 217.95 -4.69 -352.57 N | 158.47 0.47 -142.04 N | 43.96 0.26 -34.50 N | 55.39 0.35 -42.83 N | 92.80 0.16 -86.71 N | 68.18 0.66 -43.89 N | 128.54 -0.23 -138.04 N | 124.38 -0.19 -132.40 N | 94.22 0.88 -60.39 N | 108.57 -0.32 -120.41 N | 143.35 -0.43 -159.64 N | 185.00 -0.50 -206.41 N | 215.34 -0.64 -242.74 N | 101.76 -0.27 -113.08 N | 22.68 0.30 -10.00 N | 137.40 -0.12 -141.96 N | 50.70 0.28 -40.85 N |
| BETHLEHEM___GS2 323561 | 67.93 0.21 -61.56 N | -33.52 -18.77 -515.00 N | 145.81 -0.25 -153.34 N | 82.26 0.10 -79.20 N | 142.76 -0.14 -146.81 N | 115.93 0.44 -102.91 N | 76.88 1.30 -38.76 N | 217.95 -4.69 -352.57 N | 158.47 0.47 -142.04 N | 43.96 0.26 -34.50 N | 55.39 0.35 -42.83 N | 92.80 0.16 -86.71 N | 68.18 0.66 -43.89 N | 128.54 -0.23 -138.04 N | 124.38 -0.19 -132.40 N | 94.22 0.88 -60.39 N | 108.57 -0.32 -120.41 N | 143.35 -0.43 -159.64 N | 185.00 -0.50 -206.41 N | 215.34 -0.64 -242.74 N | 101.76 -0.27 -113.08 N | 22.68 0.30 -10.00 N | 137.40 -0.12 -141.96 N | 50.70 0.28 -40.85 N |
| BETHLEHEM___GS3 323562 | 67.93 0.21 -61.56 N | -33.52 -18.77 -515.00 N | 145.81 -0.25 -153.34 N | 82.26 0.10 -79.20 N | 142.76 -0.14 -146.81 N | 115.93 0.44 -102.91 N | 76.88 1.30 -38.76 N | 217.95 -4.69 -352.57 N | 158.47 0.47 -142.04 N | 43.96 0.26 -34.50 N | 55.39 0.35 -42.83 N | 92.80 0.16 -86.71 N | 68.18 0.66 -43.89 N | 128.54 -0.23 -138.04 N | 124.38 -0.19 -132.40 N | 94.22 0.88 -60.39 N | 108.57 -0.32 -120.41 N | 143.35 -0.43 -159.64 N | 185.00 -0.50 -206.41 N | 215.34 -0.64 -242.74 N | 101.76 -0.27 -113.08 N | 22.68 0.30 -10.00 N | 137.40 -0.12 -141.96 N | 50.70 0.28 -40.85 N |
| BETHLEHEM___STEEL 23779 | 13.22 -0.38 -7.44 N | -440.38 27.08 -62.29 N | 11.66 0.39 -18.54 N | 12.34 -0.18 -9.56 N | 14.06 0.24 -17.73 N | 24.25 -0.82 -12.50 N | 38.80 -2.79 -4.76 N | -76.09 10.53 -43.32 N | 31.81 -1.61 -17.46 N | 12.51 -0.93 -4.24 N | 16.30 -1.18 -5.26 N | 15.99 -0.58 -10.65 N | 26.48 -2.53 -5.38 N | 8.61 0.96 -16.92 N | 9.19 0.78 -16.23 N | 36.88 -3.47 -7.40 N | 4.43 1.20 -14.75 N | 5.29 1.59 -19.56 N | 6.38 2.00 -25.29 N | 5.49 2.50 -29.74 N | 3.98 1.18 -13.86 N | 12.37 -1.23 -1.23 N | 13.41 0.46 -17.39 N | 13.79 -0.78 -5.01 N |
| BETHPAGE_CC_5 323564 | 55.19 0.58 -48.45 N | -170.67 -46.49 -405.56 N | 112.97 -0.51 -120.75 N | 64.34 0.27 -61.11 N | 109.07 -0.30 -113.28 N | 93.12 1.16 -79.39 N | 70.19 3.46 -29.90 N | 128.89 -13.14 -271.96 N | 131.85 1.65 -114.24 N | 133.73 0.94 -123.59 N | 130.10 1.21 -116.67 N | 376.91 0.62 -370.36 N | 122.43 2.67 -96.13 N | 123.50 -1.00 -133.76 N | 124.32 -0.84 -132.98 N | 122.76 3.55 -86.25 N | 121.54 -1.22 -134.28 N | 122.66 -1.63 -140.16 N | 136.00 -1.90 -158.82 N | 157.66 -2.35 -186.77 N | 186.11 -1.19 -198.35 N | 239.77 1.16 -226.24 N | 104.33 -0.46 -109.23 N | 42.01 1.01 -31.43 N |
| BINGHAMTON___COGEN 23790 | 23.03 0.03 -16.85 N | -391.06 -2.32 -141.00 N | 34.70 0.00 -41.98 N | 24.63 0.03 -21.65 N | 36.19 -0.03 -40.13 N | 40.86 0.17 -28.11 N | 47.83 0.43 -10.57 N | -33.61 0.18 -96.15 N | 54.79 0.12 -38.71 N | 22.22 0.05 -12.97 N | 26.48 0.06 -14.20 N | 29.55 0.02 -23.60 N | 35.77 0.19 -11.95 N | 28.26 -0.05 -37.57 N | 28.17 -0.05 -36.04 N | 49.59 0.20 -16.44 N | 21.20 -0.05 -32.77 N | 27.51 -0.07 -43.45 N | 35.15 -0.12 -56.17 N | 39.26 -0.05 -66.06 N | 19.73 0.00 -30.78 N | 15.19 0.09 -2.72 N | 34.18 -0.01 -38.63 N | 20.76 0.07 -11.12 N |
| BLACK RIVER___HYD 24047 | 7.50 -0.10 -1.45 N | -507.12 10.51 -12.11 N | -3.52 0.16 -3.61 N | 4.74 -0.07 -1.85 N | -0.39 0.08 -3.44 N | 14.72 -0.28 -2.42 N | 37.00 -0.74 -0.91 N | -119.14 2.48 -8.31 N | 19.16 -0.15 -3.35 N | 9.93 -0.08 -0.81 N | 13.13 -0.10 -1.01 N | 7.91 -0.07 -2.04 N | 24.25 -0.42 -1.03 N | -5.83 0.18 -3.26 N | -4.54 0.15 -3.12 N | 33.76 -0.61 -1.42 N | -8.51 0.19 -2.82 N | -11.85 0.28 -3.75 N | -15.87 0.20 -4.84 N | -20.85 0.21 -5.70 N | -8.27 0.13 -2.65 N | 12.53 -0.08 -0.23 N | -1.05 0.06 -3.33 N | 10.37 -0.15 -0.96 N |
| BLISS_WT_PWR 323608 | 13.49 -0.25 -7.59 N | -447.42 18.82 -63.51 N | 11.94 0.31 -18.91 N | 12.59 -0.12 -9.75 N | 14.38 0.22 -18.08 N | 24.71 -0.76 -12.89 N | 39.46 -2.38 -5.01 N | -74.87 9.44 -45.62 N | 33.28 -1.06 -18.38 N | 13.05 -0.62 -4.46 N | 16.91 -0.84 -5.54 N | 16.75 -0.39 -11.21 N | 27.23 -2.07 -5.67 N | 9.18 0.62 -17.82 N | 9.94 0.67 -17.09 N | 37.73 -3.01 -7.79 N | 5.09 1.07 -15.54 N | 5.96 1.22 -20.60 N | 7.20 1.47 -26.64 N | 6.14 1.57 -31.33 N | 4.37 0.83 -14.59 N | 12.75 -0.92 -1.29 N | 14.21 0.33 -18.32 N | 14.31 -0.53 -5.27 N |
| BLUE_CIRC_CHEM_DRP 24182 | 67.24 0.18 -60.90 N | -36.96 -16.66 -509.44 N | 144.17 -0.23 -151.68 N | 81.42 0.10 -78.36 N | 141.21 -0.13 -145.25 N | 114.84 0.42 -101.84 N | 76.45 1.26 -38.36 N | 214.49 -4.56 -348.98 N | 157.05 0.49 -140.60 N | 43.58 0.22 -34.16 N | 54.90 0.28 -42.40 N | 91.91 0.14 -85.84 N | 67.69 0.60 -43.45 N | 127.15 -0.23 -136.65 N | 123.05 -0.19 -131.06 N | 93.57 0.84 -59.77 N | 107.33 -0.29 -119.14 N | 141.69 -0.40 -157.96 N | 182.83 -0.49 -204.23 N | 212.79 -0.64 -240.18 N | 100.55 -0.29 -111.89 N | 22.57 0.29 -9.90 N | 135.91 -0.12 -140.47 N | 50.28 0.28 -40.42 N |
| BOC_GAS_DRP 24189 | 67.85 0.17 -61.52 N | -31.25 -16.08 -514.58 N | 145.72 -0.22 -153.21 N | 82.26 0.09 -79.21 N | 142.79 -0.12 -146.82 N | 115.91 0.39 -102.95 N | 76.74 1.12 -38.78 N | 218.81 -4.04 -352.78 N | 158.53 0.43 -142.15 N | 39.61 0.23 -30.18 N | 52.29 0.29 -39.78 N | 92.87 0.14 -86.80 N | 68.18 0.62 -43.93 N | 128.67 -0.24 -138.17 N | 124.50 -0.20 -132.52 N | 94.26 0.87 -60.44 N | 108.64 -0.31 -120.47 N | 143.44 -0.42 -159.72 N | 185.08 -0.52 -206.51 N | 215.45 -0.66 -242.86 N | 101.80 -0.29 -113.14 N | 22.68 0.30 -10.01 N | 137.47 -0.12 -142.03 N | 50.71 0.27 -40.87 N |
| BORALEX_4TH_BRANCH 23824 | 68.02 0.27 -61.59 N | -36.38 -21.95 -515.31 N | 145.87 -0.28 -153.43 N | 82.23 0.13 -79.14 N | 142.63 -0.17 -146.70 N | 115.81 0.55 -102.68 N | 77.01 1.54 -38.63 N | 215.66 -5.86 -351.45 N | 158.19 0.66 -141.56 N | 52.85 0.39 -43.26 N | 61.65 0.46 -48.97 N | 92.57 0.24 -86.39 N | 68.19 0.84 -43.73 N | 127.91 -0.36 -137.54 N | 123.81 -0.30 -131.93 N | 94.46 1.30 -60.21 N | 108.30 -0.46 -120.28 N | 142.92 -0.68 -159.47 N | 184.44 -0.84 -206.19 N | 214.62 -1.11 -242.48 N | 101.50 -0.41 -112.96 N | 22.75 0.38 -9.99 N | 137.21 -0.16 -141.81 N | 50.67 0.29 -40.81 N |
| BOWLINE___1 23526 | 53.93 0.42 -47.35 N | -168.33 -34.98 -396.39 N | 110.30 -0.45 -118.02 N | 62.95 0.21 -59.79 N | 106.64 -0.27 -110.82 N | 91.18 0.94 -77.67 N | 68.97 2.90 -77.67 N | 125.59 -10.54 -266.06 N | 124.35 1.32 -107.07 N | 128.44 0.76 -118.48 N | 111.11 1.00 -97.88 N | 71.69 0.50 -65.26 N | 58.79 2.12 -33.03 N | 93.79 -0.82 -103.88 N | 91.12 -0.69 -99.63 N | 81.28 2.88 -45.45 N | 78.12 -0.99 -90.63 N | 102.95 -1.35 -120.16 N | 132.75 -1.70 -155.36 N | 153.77 -2.18 -182.71 N | 73.09 -0.97 -85.12 N | 20.92 1.02 -7.53 N | 102.03 -0.39 -106.85 N | 41.13 0.81 -30.75 N |
| BOWLINE___2 23595 | 53.93 0.42 -47.36 N | -168.29 -34.98 -396.44 N | 110.31 -0.45 -118.04 N | 62.95 0.21 -59.79 N | 106.65 -0.27 -110.83 N | 91.20 0.94 -77.67 N | 68.98 2.90 -77.67 N | 125.62 -10.54 -266.09 N | 124.37 1.32 -107.08 N | 128.47 0.77 -118.50 N | 111.13 1.00 -97.90 N | 71.70 0.50 -65.26 N | 58.79 2.12 -33.03 N | 93.81 -0.82 -103.89 N | 91.13 -0.70 -99.64 N | 81.29 2.89 -45.45 N | 78.13 -0.99 -90.64 N | 102.96 -1.35 -120.17 N | 132.76 -1.70 -155.38 N | 153.79 -2.18 -182.72 N | 73.10 -0.97 -85.13 N | 20.92 1.02 -7.53 N | 102.04 -0.39 -106.86 N | 41.13 0.81 -30.75 N |
| BROOKHAVEN___DRP 24191 | 55.29 0.68 -48.45 N | -178.83 -54.65 -405.56 N | 112.88 -0.60 -120.75 N | 64.38 0.31 -61.11 N | 109.02 -0.35 -113.28 N | 93.35 1.38 -79.39 N | 70.98 4.26 -29.90 N | 125.91 -16.12 -271.96 N | 132.27 2.07 -114.24 N | 134.00 1.21 -123.59 N | 130.46 1.56 -116.67 N | 377.08 0.79 -370.36 N | 123.12 3.36 -96.13 N | 123.26 -1.24 -133.76 N | 124.12 -1.04 -132.98 N | 123.61 4.41 -86.25 N | 121.26 -1.49 -134.28 N | 122.30 -1.99 -140.16 N | 135.56 -2.35 -158.82 N | 157.10 -2.91 -186.77 N | 185.80 -1.49 -198.35 N | 240.02 1.41 -226.24 N | 104.22 -0.57 -109.23 N | 42.21 1.21 -31.43 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 | 55.08 0.48 -48.44 N | -163.21 -38.97 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.84 3.12 -29.89 N | 130.54 -11.45 -271.93 N | 126.82 1.43 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.19 0.56 -66.70 N | 59.75 2.37 -33.76 N | 95.99 -0.91 -106.17 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.76 -1.51 -123.13 N | 135.98 -1.90 -158.79 N | 157.56 -2.42 -186.74 N | 74.86 -1.09 -87.00 N | 24.92 1.13 -11.41 N | 104.34 -0.43 -109.21 N | 41.93 0.93 -31.43 N | |
| BROOKLYN___ARMY_DRP 323595 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| BROOME___LFGE 323600 | 23.03 0.03 -16.85 N | -391.06 -2.32 -141.00 N | 34.70 0.00 -41.98 N | 24.63 0.03 -21.65 N | 36.19 -0.03 -40.13 N | 40.86 0.17 -28.11 N | 47.83 0.43 -10.57 N | -33.61 0.18 -96.15 N | 54.79 0.12 -38.71 N | 22.22 0.05 -12.97 N | 26.48 0.06 -14.20 N | 29.55 0.02 -23.60 N | 35.77 0.19 -11.95 N | 28.26 -0.05 -37.57 N | 28.17 -0.05 -36.04 N | 49.59 0.20 -16.44 N | 21.20 -0.05 -32.77 N | 27.51 -0.07 -43.45 N | 35.15 -0.12 -56.17 N | 39.26 -0.05 -66.06 N | 19.73 0.00 -30.78 N | 15.19 0.09 -2.72 N | 34.18 -0.01 -38.63 N | 20.76 0.07 -11.12 N | |
| BURROWS___LYONSDAL 23803 | 6.08 -0.07 0.00 N | -521.78 7.96 0.00 N | -7.16 0.11 0.00 N | 2.91 -0.06 0.00 N | -3.85 0.06 0.00 N | 12.36 -0.22 0.00 N | 36.26 -0.57 0.00 N | -128.11 1.82 0.00 N | 15.83 -0.13 0.00 N | 9.13 -0.07 0.00 N | 12.13 -0.10 0.00 N | 5.87 -0.07 0.00 N | 23.25 -0.38 0.00 N | -9.11 0.16 0.00 N | -7.69 0.13 0.00 N | 32.41 -0.54 0.00 N | -11.35 0.17 0.00 N | -15.62 0.25 0.00 N | -20.70 0.21 0.00 N | -26.51 0.24 0.00 N | -10.93 0.12 0.00 N | 12.29 -0.08 0.00 N | -4.39 0.05 0.00 N | 9.44 -0.13 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 55.19 0.59 -48.45 N | -170.85 -46.67 -405.56 N | 112.96 -0.51 -120.75 N | 64.34 0.27 -61.11 N | 109.06 -0.30 -113.28 N | 93.13 1.17 -79.39 N | 70.26 3.53 -29.90 N | 128.77 -13.26 -271.96 N | 131.87 1.67 -114.24 N | 133.73 0.94 -123.59 N | 130.11 1.21 -116.67 N | 376.92 0.62 -370.36 N | 122.44 2.68 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.79 3.59 -86.25 N | 121.53 -1.23 -134.28 N | 122.65 -1.64 -140.16 N | 135.98 -1.92 -158.82 N | 157.64 -2.38 -186.77 N | 186.10 -1.19 -198.35 N | 239.79 1.17 -226.24 N | 104.32 -0.47 -109.23 N | 42.03 1.03 -31.43 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 55.19 0.59 -48.45 N | -170.85 -46.67 -405.56 N | 112.96 -0.51 -120.75 N | 64.34 0.27 -61.11 N | 109.06 -0.30 -113.28 N | 93.13 1.17 -79.39 N | 70.26 3.53 -29.90 N | 128.77 -13.26 -271.96 N | 131.87 1.67 -114.24 N | 133.73 0.94 -123.59 N | 130.11 1.21 -116.67 N | 376.92 0.62 -370.36 N | 122.44 2.68 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.79 3.59 -86.25 N | 121.53 -1.23 -134.28 N | 122.65 -1.64 -140.16 N | 135.98 -1.92 -158.82 N | 157.64 -2.38 -186.77 N | 186.10 -1.19 -198.35 N | 239.79 1.17 -226.24 N | 104.32 -0.47 -109.23 N | 42.03 1.03 -31.43 N | |
| CALPINE_BP_GT1 23823 | 55.19 0.59 -48.45 N | -170.85 -46.67 -405.56 N | 112.96 -0.51 -120.75 N | 64.34 0.27 -61.11 N | 109.06 -0.30 -113.28 N | 93.13 1.17 -79.39 N | 70.26 3.53 -29.90 N | 128.77 -13.26 -271.96 N | 131.87 1.67 -114.24 N | 133.73 0.94 -123.59 N | 130.11 1.21 -116.67 N | 376.92 0.62 -370.36 N | 122.44 2.68 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.79 3.59 -86.25 N | 121.53 -1.23 -134.28 N | 122.65 -1.64 -140.16 N | 135.98 -1.92 -158.82 N | 157.64 -2.38 -186.77 N | 186.10 -1.19 -198.35 N | 239.79 1.17 -226.24 N | 104.32 -0.47 -109.23 N | 42.03 1.03 -31.43 N | |
| CALSPAN___DRP 24200 | 13.22 -0.38 -7.44 N | -440.38 27.08 -62.29 N | 11.66 0.39 -18.54 N | 12.34 -0.18 -9.56 N | 14.06 0.24 -17.73 N | 24.25 -0.82 -12.50 N | 38.80 -2.79 -4.76 N | -76.09 10.53 -43.32 N | 31.81 -1.61 -17.46 N | 12.51 -0.93 -4.24 N | 16.30 -1.18 -5.26 N | 15.99 -0.58 -10.65 N | 26.48 -2.53 -5.38 N | 8.61 0.96 -16.92 N | 9.19 0.78 -16.23 N | 36.88 -3.47 -7.40 N | 4.43 1.20 -14.75 N | 5.29 1.59 -19.56 N | 6.38 2.00 -25.29 N | 5.49 2.50 -29.74 N | 3.98 1.18 -13.86 N | 12.37 -1.23 -1.23 N | 13.41 0.46 -17.39 N | 13.79 -0.78 -5.01 N | |
| CARR STREET_E_SYR 24060 | 10.99 -0.06 -4.89 N | -484.54 4.28 -40.93 N | 4.98 0.07 -12.19 N | 9.22 -0.03 -6.28 N | 7.77 0.03 -11.65 N | 20.66 -0.09 -8.17 N | 39.60 -0.31 -3.08 N | -100.49 1.45 -27.99 N | 27.11 -0.12 -11.27 N | 11.87 -0.06 -2.73 N | 15.54 -0.08 -3.39 N | 12.76 -0.04 -6.87 N | 26.96 -0.15 -3.48 N | 1.75 0.07 -10.94 N | 2.73 0.06 -10.49 N | 37.47 -0.27 -4.79 N | -1.90 0.09 -9.54 N | -3.11 0.11 -12.65 N | -4.41 0.14 -16.35 N | -7.31 0.21 -19.23 N | -1.99 0.10 -8.96 N | 13.09 -0.08 -0.79 N | 6.85 0.04 -11.25 N | 12.72 -0.09 -3.24 N | |
| CARTHAGE___PAPER 23857 | 7.17 -0.13 -1.13 N | -507.69 12.58 -9.48 N | -4.28 0.18 -2.82 N | 4.33 -0.08 -1.45 N | -1.13 0.10 -2.69 N | 14.13 -0.34 -1.89 N | 36.66 -0.89 -0.72 N | -120.56 2.86 -6.51 N | 18.36 -0.23 -2.62 N | 9.71 -0.13 -0.64 N | 12.84 -0.17 -0.79 N | 7.44 -0.10 -1.60 N | 23.85 -0.60 -0.81 N | -6.46 0.25 -2.55 N | -5.16 0.21 -2.45 N | 33.23 -0.84 -1.12 N | -9.04 0.27 -2.21 N | -12.54 0.40 -2.93 N | -16.80 0.32 -3.79 N | -21.95 0.35 -4.46 N | -8.79 0.19 -2.08 N | 12.42 -0.14 -0.18 N | -1.76 0.08 -2.60 N | 10.13 -0.19 -0.75 N | |
| CE_DUNWOOD___DRP 24194 | 54.98 0.43 -48.39 N | -160.42 -35.75 -405.08 N | 112.88 -0.46 -120.61 N | 64.20 0.21 -61.04 N | 108.96 -0.27 -113.14 N | 92.82 0.94 -79.29 N | 69.59 2.90 -29.86 N | 131.16 -10.53 -271.63 N | 126.61 1.34 -109.32 N | 133.38 0.78 -123.40 N | 114.91 1.02 -101.66 N | 73.08 0.52 -66.62 N | 59.53 2.18 -33.72 N | 95.95 -0.85 -106.06 N | 93.19 -0.71 -101.72 N | 82.34 2.99 -46.40 N | 79.98 -1.03 -92.53 N | 105.42 -1.40 -122.68 N | 135.95 -1.76 -158.62 N | 157.54 -2.25 -186.54 N | 74.85 -1.00 -86.90 N | 21.11 1.05 -7.69 N | 104.26 -0.40 -109.10 N | 41.81 0.84 -31.39 N | |
| CE_MILLWOOD___DRP 24193 | 54.85 0.42 -48.27 N | -160.33 -34.67 -404.09 N | 112.60 -0.44 -120.31 N | 64.05 0.20 -60.89 N | 108.70 -0.26 -112.87 N | 92.60 0.92 -79.10 N | 69.44 2.82 -29.79 N | 130.78 -10.28 -270.99 N | 126.32 1.30 -109.06 N | 132.85 0.75 -122.90 N | 114.49 0.99 -101.27 N | 72.90 0.50 -66.46 N | 59.38 2.11 -33.64 N | 95.72 -0.82 -105.81 N | 92.97 -0.69 -101.48 N | 82.13 2.89 -46.29 N | 79.80 -0.99 -92.31 N | 105.17 -1.36 -122.39 N | 135.63 -1.70 -158.24 N | 157.16 -2.18 -186.10 N | 74.67 -0.97 -86.70 N | 21.06 1.01 -7.67 N | 104.01 -0.39 -108.83 N | 41.70 0.81 -31.32 N | |
| CE_NYC2_DRP 24202 | 55.09 0.48 -48.44 N | -163.68 -39.44 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.13 -29.89 N | 130.54 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.78 2.39 -33.76 N | 95.99 -0.92 -106.18 N | 93.23 -0.78 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.85 -1.09 -87.00 N | 25.07 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N | |
| CE_NYC_DRP | 55.07 | -162.70 | 112.97 | 64.28 | 109.07 | 92.96 | 69.80 | 130.67 | 126.82 | 133.60 | 115.12 | 73.19 | 59.76 | 95.99 | 93.24 | 82.64 | 80.09 | 105.74 | 135.97 | 157.54 | 74.86 | 24.89 | 104.34 | 41.91 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------|
| 24195 | 0.47 -48.44 N | -38.47 -405.51 N | -0.49 -120.74 N | 0.22 -61.10 N | -0.29 -113.26 N | 1.00 -79.38 N | 3.08 -29.89 N | -11.32 -271.93 N | 1.43 -109.43 N | 0.83 -123.57 N | 1.10 -101.80 N | 0.56 -66.70 N | 2.37 -33.76 N | -0.92 -106.17 N | -0.77 -101.83 N | 3.24 -46.45 N | -1.12 -92.73 N | -1.52 -123.13 N | -1.91 -158.79 N | -2.44 -186.74 N | -1.09 -87.00 N | 1.14 -11.38 N | -0.43 -109.21 N | 0.91 -31.43 N |
| CHAFEE____LFGE 323603 | 13.42 -0.25 -7.51 N | -449.64 17.24 -62.87 N | 11.70 0.26 -18.72 N | 12.49 -0.12 -9.65 N | 14.16 0.17 -17.89 N | 24.69 -0.58 -12.68 N | 39.69 -2.02 -4.88 N | -77.16 8.35 -44.43 N | 32.69 -1.17 -17.90 N | 12.88 -0.67 -4.34 N | 16.76 -0.85 -5.39 N | 16.42 -0.42 -10.92 N | 27.27 -1.88 -5.52 N | 8.80 0.71 -17.35 N | 9.41 0.58 -16.64 N | 37.91 -2.64 -7.59 N | 4.53 0.92 -15.13 N | 5.40 1.20 -20.06 N | 6.50 1.47 -25.94 N | 5.58 1.83 -30.51 N | 4.05 0.89 -14.21 N | 12.74 -0.89 -1.26 N | 13.75 0.35 -17.84 N | 14.14 -0.56 -5.13 N |
| CHAT_HIGH_FALL_HYD 323578 | 3.16 -0.62 2.38 N | -485.52 64.14 19.92 N | -12.29 0.92 5.93 N | -0.49 -0.37 3.08 N | -9.12 0.49 5.70 N | 6.89 -1.72 3.98 N | 30.78 -4.55 1.49 N | -128.48 15.04 13.59 N | 8.61 -1.89 5.46 N | 6.68 -1.20 1.32 N | 8.98 -1.60 1.64 N | 1.85 -0.75 3.32 N | 18.48 -3.47 1.68 N | -13.23 1.33 5.29 N | -11.77 1.12 5.07 N | 26.18 -4.45 2.32 N | -14.53 1.64 4.65 N | -19.61 2.42 6.16 N | -26.10 2.78 7.97 N | -33.05 3.08 9.37 N | -14.02 1.40 4.36 N | 10.53 -1.47 0.39 N | -9.39 0.53 5.48 N | 6.85 -1.14 1.58 N |
| CH_MIDHUDSON____DRP 24192 | 57.93 0.39 -51.38 N | -132.67 -33.22 -430.29 N | 120.42 -0.42 -128.11 N | 68.40 0.20 -65.24 N | 116.77 -0.26 -120.94 N | 98.22 0.88 -84.76 N | 71.45 2.70 -31.92 N | 150.56 -9.89 -290.38 N | 134.00 1.25 -116.79 N | 117.69 0.72 -107.76 N | 104.68 0.94 -91.52 N | 77.52 0.48 -71.11 N | 61.63 2.01 -35.99 N | 103.11 -0.78 -113.16 N | 99.98 -0.66 -108.46 N | 85.20 2.77 -49.47 N | 86.18 -0.96 -98.65 N | 113.63 -1.31 -130.80 N | 146.54 -1.66 -169.12 N | 170.01 -2.12 -198.88 N | 80.66 -0.94 -92.65 N | 21.55 0.98 -8.20 N | 111.50 -0.37 -116.31 N | 43.82 0.77 -33.47 N |
| CH_MISC_IPPS 23765 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| CH_RES_BVR_FALLS 23983 | 2.60 -0.28 3.29 N | -528.92 28.34 27.51 N | -15.12 0.35 8.19 N | -1.45 -0.17 4.24 N | -11.54 0.23 7.86 N | 6.30 -0.79 5.49 N | 32.74 -2.03 2.06 N | -141.96 6.74 18.77 N | 7.62 -0.79 7.55 N | 6.89 -0.49 1.83 N | 9.29 -0.66 2.27 N | 1.01 -0.33 4.60 N | 19.76 -1.54 2.33 N | -15.99 0.58 7.31 N | -14.31 0.52 7.01 N | 27.86 -1.89 3.20 N | -17.24 0.69 6.42 N | -23.34 1.04 8.51 N | -30.72 1.20 11.00 N | -38.34 1.35 12.94 N | -16.48 0.60 6.03 N | 11.22 -0.62 0.53 N | -11.77 0.24 7.57 N | 6.87 -0.53 2.18 N |
| CH_RES_NIAGARA 23895 | 12.41 -0.49 -6.74 N | -437.36 35.95 -56.44 N | 10.02 0.50 -16.81 N | 11.38 -0.24 -8.67 N | 12.48 0.32 -16.06 N | 22.75 -1.14 -11.31 N | 37.45 -3.68 -4.30 N | -78.12 12.70 -39.11 N | 29.65 -2.06 -15.74 N | 11.85 -1.17 -3.82 N | 15.47 -1.50 -4.74 N | 14.80 -0.74 -9.60 N | 25.26 -3.23 -4.86 N | 7.24 1.22 -15.28 N | 7.84 1.00 -14.66 N | 35.27 -4.37 -6.69 N | 3.30 1.50 -13.33 N | 3.79 1.99 -17.67 N | 4.48 2.54 -22.85 N | 3.24 3.13 -26.87 N | 2.92 1.45 -12.52 N | 11.89 -1.59 -1.11 N | 11.85 0.58 -15.71 N | 13.08 -1.02 -4.52 N |
| CH_RES_SYRACUSE 23985 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |
| CLINTON_WT_PWR 323605 | 3.08 -0.62 2.45 N | -485.61 64.69 20.56 N | -12.47 0.93 6.12 N | -0.58 -0.37 3.17 N | -9.29 0.49 5.88 N | 6.76 -1.72 4.10 N | 30.73 -4.56 1.54 N | -128.91 15.04 14.02 N | 8.45 -1.88 5.64 N | 6.64 -1.20 1.36 N | 8.93 -1.59 1.69 N | 1.75 -0.75 3.43 N | 18.43 -3.47 1.74 N | -13.40 1.32 5.46 N | -11.94 1.11 5.23 N | 26.12 -4.44 2.39 N | -14.67 1.65 4.80 N | -19.79 2.44 6.36 N | -26.36 2.77 8.22 N | -33.31 3.11 9.67 N | -14.14 1.42 4.51 N | 10.50 -1.48 0.40 N | -9.55 0.54 5.65 N | 6.79 -1.15 1.63 N |
| COLONIE_LFGE____ 323577 | 68.35 0.29 -61.90 N | -36.41 -24.54 -517.88 N | 146.59 -0.33 -154.19 N | 82.70 0.14 -79.60 N | 143.45 -0.19 -147.55 N | 116.39 0.60 -103.21 N | 77.38 1.73 -38.82 N | 217.11 -6.10 -353.15 N | 158.96 0.73 -142.26 N | 48.96 0.43 -39.32 N | 59.04 0.54 -46.27 N | 93.04 0.28 -86.83 N | 68.65 1.07 -43.95 N | 128.55 -0.42 -138.24 N | 124.43 -0.35 -132.59 N | 94.91 1.44 -60.52 N | 108.97 -0.51 -120.99 N | 143.82 -0.73 -160.42 N | 185.58 -0.92 -207.41 N | 215.97 -1.20 -243.92 N | 102.11 -0.47 -113.64 N | 22.92 0.49 -10.05 N | 138.03 -0.19 -142.65 N | 51.00 0.38 -41.05 N |
| CORNELL____ 23752 | 14.92 -0.01 -8.77 N | -455.68 0.69 -73.38 N | 14.60 0.04 -21.85 N | 14.21 -0.01 -11.27 N | 16.98 0.00 -20.88 N | 27.23 0.02 -14.63 N | 42.16 -0.17 -5.50 N | -78.62 1.24 -50.07 N | 36.27 0.15 -20.16 N | 14.20 0.11 -4.89 N | 18.43 0.14 -6.07 N | 18.27 0.04 -12.29 N | 29.99 0.13 -6.22 N | 10.27 -0.03 -19.57 N | 10.91 -0.04 -18.77 N | 41.25 -0.26 -8.56 N | 5.50 -0.05 -17.06 N | 6.68 -0.08 -22.62 N | 8.18 -0.16 -29.25 N | 7.51 -0.14 -34.40 N | 4.96 -0.02 -16.03 N | 13.90 0.11 -1.42 N | 15.70 0.02 -20.12 N | 15.30 -0.06 -5.79 N |
| COXSACKIE____GT 23611 | 60.67 0.47 -54.05 N | -113.08 -38.29 -454.95 N | 127.67 -0.52 -135.46 N | 72.75 0.22 -69.58 N | 124.77 -0.29 -128.97 N | 103.93 0.95 -90.40 N | 73.72 2.84 -34.05 N | 169.66 -10.14 -309.73 N | 140.78 1.24 -123.58 N | 99.69 0.69 -89.81 N | 92.59 0.91 -79.45 N | 80.70 0.45 -74.32 N | 63.07 1.82 -37.62 N | 108.34 -0.70 -118.31 N | 105.03 -0.59 -113.44 N | 87.18 2.48 -51.74 N | 90.79 -0.86 -103.17 N | 119.73 -1.19 -136.79 N | 154.38 -1.56 -176.86 N | 179.22 -2.02 -207.99 N | 84.98 -0.86 -96.89 N | 21.88 0.93 -8.57 N | 116.87 -0.33 -121.64 N | 45.26 0.69 -35.00 N |
| CRESCENT____HYD 24018 | 68.35 0.29 -61.90 N | -36.41 -24.54 -517.88 N | 146.59 -0.33 -154.19 N | 82.70 0.14 -79.60 N | 143.45 -0.19 -147.55 N | 116.39 0.60 -103.21 N | 77.38 1.73 -38.82 N | 217.11 -6.10 -353.15 N | 158.96 0.73 -142.26 N | 48.96 0.43 -39.32 N | 59.04 0.54 -46.27 N | 93.04 0.28 -86.83 N | 68.65 1.07 -43.95 N | 128.55 -0.42 -138.24 N | 124.43 -0.35 -132.59 N | 94.91 1.44 -60.52 N | 108.97 -0.51 -120.99 N | 143.82 -0.73 -160.42 N | 185.58 -0.92 -207.41 N | 215.97 -1.20 -243.92 N | 102.11 -0.47 -113.64 N | 22.92 0.49 -10.05 N | 138.03 -0.19 -142.65 N | 51.00 0.38 -41.05 N |
| CRUCIBLE_METL_DRP 24180 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| DANSKAMMER___1 23586 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| DANSKAMMER___2 23589 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| DANSKAMMER___3 23590 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| DANSKAMMER___4 23591 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| DANSKAMMER___DIESEL 23592 | 56.10 0.36 -49.58 N | -148.29 -33.68 -415.14 N | 115.90 -0.43 -123.60 N | 66.02 0.19 -62.87 N | 112.37 -0.25 -116.54 N | 95.13 0.87 -81.68 N | 70.28 2.69 -30.76 N | 139.99 -9.88 -279.81 N | 129.77 1.26 -112.55 N | 121.15 0.73 -111.22 N | 106.60 0.96 -93.42 N | 74.97 0.49 -68.55 N | 60.37 2.04 -34.69 N | 99.04 -0.79 -109.09 N | 96.09 -0.67 -104.58 N | 83.45 2.80 -47.70 N | 82.64 -0.96 -95.13 N | 108.95 -1.31 -126.13 N | 140.49 -1.67 -163.07 N | 162.89 -2.13 -191.77 N | 77.34 -0.94 -89.34 N | 21.29 1.00 -7.90 N | 107.34 -0.37 -112.16 N | 42.62 0.78 -32.28 N |
| DASHVILLE___HYD 23610 | 56.59 0.44 -49.99 N | -147.47 -36.83 -419.10 N | 117.04 -0.47 -124.78 N | 66.99 0.21 -63.82 N | 114.11 -0.28 -118.29 N | 96.46 0.97 -82.91 N | 71.06 3.01 -31.23 N | 143.20 -10.92 -284.05 N | 131.44 1.41 -114.06 N | 114.57 0.79 -104.58 N | 102.13 1.03 -88.87 N | 75.74 0.52 -69.29 N | 60.88 2.17 -35.07 N | 100.18 -0.84 -110.29 N | 97.20 -0.73 -105.74 N | 84.23 3.04 -48.24 N | 83.61 -1.05 -96.18 N | 110.23 -1.43 -127.52 N | 142.15 -1.81 -164.88 N | 164.84 -2.30 -193.90 N | 78.26 -1.02 -90.33 N | 21.45 1.08 -7.99 N | 108.56 -0.40 -113.40 N | 43.05 0.84 -32.63 N |
| DOGLEVILLE___HYD 23807 | 5.17 0.26 1.25 N | -564.19 -24.01 10.43 N | -10.72 -0.33 3.11 N | 1.49 0.14 1.61 N | -7.09 -0.19 2.98 N | 11.10 0.61 2.08 N | 37.73 1.68 0.78 N | -142.74 -5.69 7.11 N | 13.85 0.74 2.86 N | 8.94 0.43 0.69 N | 11.91 0.55 0.86 N | 4.46 0.26 1.74 N | 23.90 1.15 0.88 N | -12.47 -0.44 2.77 N | -10.84 -0.37 2.65 N | 33.27 1.53 1.21 N | -14.52 -0.57 2.43 N | -19.90 -0.80 3.23 N | -26.16 -1.07 4.17 N | -32.91 -1.24 4.91 N | -13.87 -0.53 2.29 N | 12.74 0.57 0.20 N | -7.51 -0.20 2.87 N | 9.14 0.39 0.83 N |
| DUNKIRK___1 23563 | 13.85 -0.34 -8.04 N | -436.98 25.47 -67.29 N | 13.16 0.40 -20.03 N | 13.14 -0.15 -10.33 N | 15.44 0.20 -19.15 N | 25.62 -0.58 -13.62 N | 39.92 -2.18 -5.27 N | -71.42 10.58 -47.93 N | 33.89 -1.37 -19.30 N | 13.06 -0.82 -4.68 N | 16.96 -1.07 -5.81 N | 17.16 -0.54 -11.77 N | 27.45 -2.14 -5.96 N | 10.29 0.83 -18.73 N | 10.82 0.68 -17.96 N | 38.10 -3.04 -8.19 N | 5.87 1.06 -16.33 N | 7.21 1.42 -21.65 N | 8.82 1.73 -28.00 N | 8.47 2.30 -32.93 N | 5.36 1.07 -15.34 N | 12.70 -1.03 -1.36 N | 15.22 0.40 -19.26 N | 14.45 -0.66 -5.54 N |
| DUNKIRK___2 23564 | 13.85 -0.34 -8.04 N | -436.98 25.47 -67.29 N | 13.16 0.40 -20.03 N | 13.14 -0.15 -10.33 N | 15.44 0.20 -19.15 N | 25.62 -0.58 -13.62 N | 39.92 -2.18 -5.27 N | -71.42 10.58 -47.93 N | 33.89 -1.37 -19.30 N | 13.06 -0.82 -4.68 N | 16.96 -1.07 -5.81 N | 17.16 -0.54 -11.77 N | 27.45 -2.14 -5.96 N | 10.29 0.83 -18.73 N | 10.82 0.68 -17.96 N | 38.10 -3.04 -8.19 N | 5.87 1.06 -16.33 N | 7.21 1.42 -21.65 N | 8.82 1.73 -28.00 N | 8.47 2.30 -32.93 N | 5.36 1.07 -15.34 N | 12.70 -1.03 -1.36 N | 15.22 0.40 -19.26 N | 14.45 -0.66 -5.54 N |
| DUNKIRK___3 23565 | 14.04 -0.36 -8.24 N | -434.49 26.30 -68.95 N | 13.66 0.41 -20.53 N | 13.39 -0.15 -10.59 N | 15.93 0.21 -19.63 N | 25.80 -0.61 -13.83 N | 39.90 -2.20 -5.26 N | -71.74 10.32 -47.87 N | 33.88 -1.35 -19.27 N | 13.06 -0.82 -4.68 N | 16.96 -1.07 -5.80 N | 17.14 -0.54 -11.75 N | 27.44 -2.14 -5.95 N | 10.28 0.84 -18.71 N | 10.81 0.68 -17.95 N | 38.11 -3.03 -8.18 N | 5.85 1.06 -16.32 N | 7.19 1.42 -21.63 N | 8.81 1.74 -27.97 N | 8.44 2.30 -32.90 N | 5.35 1.08 -15.32 N | 12.69 -1.05 -1.36 N | 15.21 0.41 -19.24 N | 14.44 -0.67 -5.54 N |
| DUNKIRK___4 23566 | 14.04 -0.36 -8.24 N | -434.49 26.30 -68.95 N | 13.66 0.41 -20.53 N | 13.39 -0.15 -10.59 N | 15.93 0.21 -19.63 N | 25.80 -0.61 -13.83 N | 39.90 -2.20 -5.26 N | -71.74 10.32 -47.87 N | 33.88 -1.35 -19.27 N | 13.06 -0.82 -4.68 N | 16.96 -1.07 -5.80 N | 17.14 -0.54 -11.75 N | 27.44 -2.14 -5.95 N | 10.28 0.84 -18.71 N | 10.81 0.68 -17.95 N | 38.11 -3.03 -8.18 N | 5.85 1.06 -16.32 N | 7.19 1.42 -21.63 N | 8.81 1.74 -27.97 N | 8.44 2.30 -32.90 N | 5.35 1.08 -15.32 N | 12.69 -1.05 -1.36 N | 15.21 0.41 -19.24 N | 14.44 -0.67 -5.54 N |
| EAST HAMPTON___GT 23717 | 55.58 0.97 -48.45 N | -202.67 -78.49 -405.56 N | 112.55 -0.93 -120.75 N | 64.52 0.45 -61.11 N | 108.84 -0.53 -113.28 N | 93.95 1.98 -79.39 N | 72.80 6.07 -29.90 N | 119.43 -22.60 -271.96 N | 133.24 3.04 -114.24 N | 134.62 1.82 -123.59 N | 131.28 2.38 -116.67 N | 377.47 1.18 -370.36 N | 124.66 4.90 -96.13 N | 122.66 -1.84 -133.76 N | 123.63 -1.53 -132.98 N | 125.71 6.50 -86.25 N | 120.53 -2.22 -134.28 N | 121.29 -3.00 -140.16 N | 134.21 -3.69 -158.82 N | 155.37 -4.65 -186.77 N | 185.06 -2.23 -198.35 N | 240.85 2.23 -226.24 N | 103.96 -0.83 -109.23 N | 42.72 1.72 -31.43 N |
| EAST RIVER___6 23660 | 55.06 0.46 -48.44 N | -161.67 -37.43 -405.51 N | 112.99 -0.47 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.93 0.97 -79.38 N | 69.73 3.01 -29.89 N | 130.93 -11.06 -271.93 N | 126.79 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.72 2.34 -33.76 N | 96.01 -0.90 -106.17 N | 93.25 -0.76 -101.83 N | 82.58 3.18 -46.45 N | 80.11 -1.10 -92.73 N | 105.77 -1.49 -123.13 N | 136.01 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.87 -1.08 -87.00 N | 24.89 1.12 -11.40 N | 104.35 -0.43 -109.21 N | 41.90 0.90 -31.43 N |
| EAST RIVER___7 23524 | 55.06 0.46 -48.44 N | -161.67 -37.43 -405.51 N | 112.99 -0.47 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.93 0.97 -79.38 N | 69.73 3.01 -29.89 N | 130.93 -11.06 -271.93 N | 126.79 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.72 2.34 -33.76 N | 96.01 -0.90 -106.17 N | 93.25 -0.76 -101.83 N | 82.58 3.18 -46.45 N | 80.11 -1.10 -92.73 N | 105.77 -1.49 -123.13 N | 136.01 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.87 -1.08 -87.00 N | 24.89 1.12 -11.40 N | 104.35 -0.43 -109.21 N | 41.90 0.90 -31.43 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 | 55.58 0.97 -48.45 N | -202.67 -78.49 -405.56 N | 112.55 -0.93 -120.75 N | 64.52 0.45 -61.11 N | 108.84 -0.53 -113.28 N | 93.95 1.98 -79.39 N | 72.80 6.07 -29.90 N | 119.43 -22.60 -271.96 N | 133.24 3.04 -114.24 N | 134.62 1.82 -123.59 N | 131.28 2.38 -116.67 N | 377.47 1.18 -370.36 N | 124.66 4.90 -96.13 N | 122.66 -1.84 -133.76 N | 123.63 -1.53 -132.98 N | 125.71 6.50 -86.25 N | 120.53 -2.22 -134.28 N | 121.29 -3.00 -140.16 N | 134.21 -3.69 -158.82 N | 155.37 -4.65 -186.77 N | 185.06 -2.23 -198.35 N | 240.85 2.23 -226.24 N | 103.96 -0.83 -109.23 N | 42.72 1.72 -31.43 N |
| EAST_RIVER___1 323558 | 55.07 0.47 -48.44 N | -162.70 -38.47 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.29 -113.26 N | 92.96 1.00 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.82 1.43 -109.43 N | 133.60 0.83 -123.57 N | 115.12 1.10 -101.80 N | 73.19 0.56 -66.70 N | 59.76 2.37 -33.76 N | 95.99 -0.92 -106.17 N | 93.24 -0.77 -101.83 N | 82.64 3.24 -46.45 N | 80.09 -1.12 -92.73 N | 105.74 -1.52 -123.13 N | 135.97 -1.91 -158.79 N | 157.54 -2.44 -186.74 N | 74.86 -1.09 -87.00 N | 24.89 1.14 -11.38 N | 104.34 -0.43 -109.21 N | 41.91 0.91 -31.43 N |
| EAST_RIVER___2 323559 | 55.06 0.46 -48.44 N | -161.67 -37.43 -405.51 N | 112.99 -0.47 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.93 0.97 -79.38 N | 69.73 3.01 -29.89 N | 130.93 -11.06 -271.93 N | 126.79 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.72 2.34 -33.76 N | 96.01 -0.90 -106.17 N | 93.25 -0.76 -101.83 N | 82.58 3.18 -46.45 N | 80.11 -1.10 -92.73 N | 105.77 -1.49 -123.13 N | 136.01 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.87 -1.08 -87.00 N | 24.89 1.12 -11.40 N | 104.35 -0.43 -109.21 N | 41.90 0.90 -31.43 N |
| EAST___DELAWARE_HYD 23607 | 48.59 0.28 -42.15 N | -200.22 -23.52 -353.05 N | 97.52 -0.32 -105.12 N | 56.73 0.14 -53.62 N | 95.30 -0.19 -99.40 N | 82.89 0.65 -69.67 N | 65.04 1.98 -26.23 N | 101.72 -7.01 -238.66 N | 112.89 0.96 -95.97 N | 97.85 0.54 -88.11 N | 87.81 0.71 -74.88 N | 64.69 0.34 -58.41 N | 54.64 1.44 -29.57 N | 83.18 -0.54 -92.98 N | 80.89 -0.46 -89.16 N | 75.52 1.89 -40.67 N | 68.92 -0.66 -81.10 N | 90.75 -0.91 -107.53 N | 116.95 -1.17 -139.03 N | 135.26 -1.49 -163.50 N | 64.45 -0.67 -76.17 N | 19.82 0.71 -6.74 N | 90.92 -0.26 -95.62 N | 37.62 0.53 -27.52 N |
| ELEC_TRO_TEK 24086 | 55.10 0.50 -48.45 N | -164.75 -40.56 -405.56 N | 113.04 -0.44 -120.75 N | 64.30 0.23 -61.11 N | 109.10 -0.27 -113.28 N | 92.99 1.03 -79.39 N | 69.88 3.15 -29.90 N | 130.19 -11.84 -271.96 N | 131.70 1.51 -114.24 N | 133.66 0.87 -123.59 N | 130.03 1.13 -116.67 N | 376.87 0.58 -370.36 N | 122.26 2.49 -96.13 N | 123.56 -0.94 -133.76 N | 124.37 -0.80 -132.98 N | 122.56 3.35 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.54 -140.16 N | 136.10 -1.81 -158.82 N | 157.76 -2.25 -186.77 N | 186.18 -1.11 -198.35 N | 239.69 1.08 -226.24 N | 104.36 -0.43 -109.23 N | 41.91 0.91 -31.43 N |
| ELLENBURG_WT_PWR 323604 | 3.08 -0.62 2.45 N | -485.61 64.69 20.56 N | -12.47 0.93 6.12 N | -0.58 -0.37 3.17 N | -9.29 0.49 5.88 N | 6.76 -1.72 4.10 N | 30.73 -4.56 1.54 N | -128.91 15.04 14.02 N | 8.45 -1.88 5.64 N | 6.64 -1.20 1.36 N | 8.93 -1.59 1.69 N | 1.75 -0.75 3.43 N | 18.43 -3.47 1.74 N | -13.40 1.32 5.46 N | -11.94 1.11 5.23 N | 26.12 -4.44 2.39 N | -14.67 1.65 4.80 N | -19.79 2.44 6.36 N | -26.36 2.77 8.22 N | -33.31 3.11 9.67 N | -14.14 1.42 4.51 N | 10.50 -1.48 0.40 N | -9.55 0.54 5.65 N | 6.79 -1.15 1.63 N |
| E_CANADA_CAP_HY 24051 | 84.24 0.14 -77.95 N | 114.29 -8.19 -652.22 N | 186.80 -0.12 -194.19 N | 103.31 0.05 -100.30 N | 181.96 -0.06 -185.92 N | 143.27 0.23 -130.46 N | 86.82 0.82 -49.17 N | 314.75 -2.58 -447.26 N | 196.63 0.53 -180.14 N | 53.31 0.37 -43.74 N | 67.02 0.51 -54.29 N | 116.08 0.23 -109.92 N | 80.06 0.80 -55.63 N | 165.40 -0.32 -174.98 N | 159.77 -0.24 -167.83 N | 110.52 1.04 -76.52 N | 140.54 -0.31 -152.37 N | 185.72 -0.44 -202.03 N | 239.69 -0.60 -261.21 N | 279.51 -0.92 -307.18 N | 131.70 -0.36 -143.10 N | 25.47 0.43 -12.66 N | 175.08 -0.13 -179.65 N | 61.53 0.26 -51.70 N |
| E_CANADA_MHWK_HY 24050 | 5.17 0.26 1.25 N | -564.19 -24.01 10.43 N | -10.72 -0.33 3.11 N | 1.49 0.14 1.61 N | -7.09 -0.19 2.98 N | 11.10 0.61 2.08 N | 37.73 1.68 0.78 N | -142.74 -5.69 7.11 N | 13.85 0.74 2.86 N | 8.94 0.43 0.69 N | 11.91 0.55 0.86 N | 4.46 0.26 1.74 N | 23.90 1.15 0.88 N | -12.47 -0.44 2.77 N | -10.84 -0.37 2.65 N | 33.27 1.53 1.21 N | -14.52 -0.57 2.43 N | -19.90 -0.80 3.23 N | -26.16 -1.07 4.17 N | -32.91 -1.24 4.91 N | -13.87 -0.53 2.29 N | 12.74 0.57 0.20 N | -7.51 -0.20 2.87 N | 9.14 0.39 0.83 N |
| E_FISHKILL___LBMP 23776 | 55.98 0.38 -49.44 N | -147.16 -31.31 -413.89 N | 115.56 -0.40 -123.23 N | 65.53 0.19 -62.38 N | 111.48 -0.24 -115.63 N | 94.45 0.83 -81.04 N | 69.91 2.56 -30.52 N | 138.32 -9.37 -277.62 N | 128.86 1.18 -111.73 N | 136.89 0.68 -127.01 N | 117.65 0.89 -104.54 N | 74.48 0.45 -68.09 N | 59.99 1.89 -34.46 N | 98.40 -0.73 -108.40 N | 95.52 -0.62 -103.96 N | 82.97 2.60 -47.42 N | 82.16 -0.90 -94.57 N | 108.30 -1.22 -125.39 N | 139.67 -1.54 -162.12 N | 161.93 -1.97 -190.65 N | 76.90 -0.87 -88.82 N | 21.14 0.90 -7.86 N | 106.72 -0.35 -111.50 N | 42.38 0.72 -32.09 N |
| FAR ROCKAWAY___4 23548 | 55.20 0.59 -48.45 N | -172.16 -47.98 -405.56 N | 112.96 -0.52 -120.75 N | 64.35 0.27 -61.11 N | 109.06 -0.31 -113.28 N | 93.16 1.19 -79.39 N | 70.36 3.64 -29.90 N | 128.50 -13.53 -271.96 N | 131.93 1.73 -114.24 N | 133.78 0.99 -123.59 N | 130.18 1.29 -116.67 N | 376.96 0.67 -370.36 N | 122.61 2.85 -96.13 N | 123.41 -1.09 -133.76 N | 124.25 -0.91 -132.98 N | 123.10 3.90 -86.25 N | 121.43 -1.32 -134.28 N | 122.51 -1.78 -140.16 N | 135.82 -2.09 -158.82 N | 157.40 -2.62 -186.77 N | 186.01 -1.29 -198.35 N | 239.90 1.29 -226.24 N | 104.28 -0.51 -109.23 N | 42.07 1.07 -31.43 N |
| FARRAGUT___LBMP 323566 | 55.06 0.46 -48.44 N | -162.17 -37.94 -405.51 N | 112.98 -0.48 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.94 0.99 -79.38 N | 69.76 3.04 -29.89 N | 130.80 -11.19 -271.93 N | 126.80 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.11 1.09 -101.80 N | 73.18 0.55 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.17 N | 93.25 -0.76 -101.83 N | 82.59 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.77 -1.49 -123.13 N | 136.00 -1.88 -158.79 N | 157.58 -2.40 -186.74 N | 74.87 -1.07 -87.00 N | 24.90 1.11 -11.41 N | 104.35 -0.43 -109.21 N | 41.90 0.90 -31.43 N |
| FENNER___WINDPWR 24204 | 8.81 0.05 -2.60 N | -510.67 -2.70 -21.78 N | -0.82 -0.03 -6.48 N | 6.30 0.01 -3.34 N | 2.26 -0.02 -6.19 N | 16.99 0.06 -4.34 N | 38.68 0.21 -1.64 N | -115.66 -0.62 -14.89 N | 22.18 0.22 -6.00 N | 10.81 0.15 -1.46 N | 14.23 0.20 -1.81 N | 9.67 0.08 -3.66 N | 25.77 0.28 -1.85 N | -3.53 -0.09 -5.83 N | -2.31 -0.08 -5.59 N | 35.74 0.24 -2.55 N | -6.57 -0.12 -5.07 N | -9.30 -0.15 -6.72 N | -12.47 -0.25 -8.69 N | -16.83 -0.30 -10.22 N | -6.39 -0.10 -4.76 N | 12.97 0.17 -0.42 N | 1.51 -0.03 -5.98 N | 11.33 0.04 -1.72 N |
| FIBERTEK___ENERGY 23856 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |
| FITZPATRICK___ | 8.71 | -490.05 | -0.20 | 6.39 | 2.77 | 16.76 | 37.30 | -109.75 | 21.75 | 10.42 | 13.72 | 9.60 | 24.75 | -2.78 | -1.63 | 34.47 | -5.75 | -8.19 | -10.99 | -15.01 | -5.61 | 12.40 | 2.05 | 11.06 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| 23598 | -0.20 -2.75 N | 16.69 -23.00 N | 0.23 -6.85 N | -0.10 -3.53 N | 0.13 -6.55 N | -0.42 -4.59 N | -1.27 -1.73 N | 4.42 -15.76 N | -0.56 -6.35 N | -0.32 -1.54 N | -0.41 -1.91 N | -0.20 -3.87 N | -0.84 -1.96 N | 0.33 -6.16 N | 0.27 -5.91 N | -1.18 -2.69 N | 0.40 -5.37 N | 0.55 -7.12 N | 0.71 -9.21 N | 0.91 -10.83 N | 0.39 -5.05 N | -0.43 -0.45 N | 0.16 -6.34 N | -0.33 -1.82 N |
| FORT ORANGE____ 23900 | 66.89 0.25 -60.48 N | -46.18 -22.40 -505.97 N | 143.07 -0.30 -150.65 N | 80.79 0.13 -77.71 N | 139.96 -0.17 -144.03 N | 114.07 0.54 -100.95 N | 76.46 1.61 -38.02 N | 210.05 -5.86 -345.84 N | 155.91 0.64 -139.31 N | 53.77 0.36 -44.21 N | 62.06 0.48 -49.36 N | 91.19 0.24 -85.02 N | 67.61 0.95 -43.03 N | 125.72 -0.36 -135.34 N | 121.69 -0.30 -129.80 N | 93.45 1.29 -59.21 N | 106.09 -0.46 -118.07 N | 140.05 -0.63 -156.54 N | 180.72 -0.77 -202.40 N | 210.29 -0.99 -238.03 N | 99.42 -0.42 -110.89 N | 22.63 0.44 -9.81 N | 134.60 -0.17 -139.21 N | 50.01 0.38 -40.06 N |
| FORT_DRUM_COGEN 23780 | 7.40 -0.12 -1.37 N | -506.53 11.79 -11.43 N | -3.70 0.17 -3.40 N | 4.63 -0.08 -1.75 N | -0.57 0.09 -3.25 N | 14.54 -0.32 -2.28 N | 36.85 -0.84 -0.86 N | -119.35 2.74 -7.84 N | 18.93 -0.19 -3.16 N | 9.86 -0.11 -0.77 N | 13.04 -0.13 -0.95 N | 7.78 -0.08 -1.93 N | 24.12 -0.49 -0.98 N | -5.98 0.21 -3.07 N | -4.69 0.18 -2.95 N | 33.58 -8.63 -1.34 N | -12.01 0.22 -2.67 N | -16.09 0.32 -3.53 N | -21.10 0.25 -4.57 N | -8.39 0.28 -2.50 N | 12.49 0.16 -0.22 N | -1.23 0.07 -3.14 N | 10.30 -0.18 -0.90 N | |
| FPL FAR_ROCK_GT1 24212 | 55.20 0.59 -48.45 N | -172.16 -47.98 -405.56 N | 112.96 -0.52 -120.75 N | 64.35 0.27 -61.11 N | 109.06 -0.31 -113.28 N | 93.16 1.19 -79.39 N | 70.36 3.64 -29.90 N | 128.50 -13.53 -271.96 N | 131.93 1.73 -114.24 N | 133.78 0.99 -123.59 N | 130.18 1.29 -116.67 N | 376.96 0.67 -370.36 N | 122.61 2.85 -96.13 N | 123.41 -1.09 -133.76 N | 124.25 -0.91 -132.98 N | 123.10 3.90 -86.25 N | 121.43 -1.32 -134.28 N | 122.51 -1.78 -140.16 N | 135.82 -2.09 -158.82 N | 157.40 -2.62 -186.77 N | 186.01 -1.29 -198.35 N | 239.90 1.29 -226.24 N | 104.28 -0.51 -109.23 N | 42.07 1.07 -31.43 N |
| FPL FAR_ROCK_GT2 23815 | 55.20 0.59 -48.45 N | -172.16 -47.98 -405.56 N | 112.96 -0.52 -120.75 N | 64.35 0.27 -61.11 N | 109.06 -0.31 -113.28 N | 93.16 1.19 -79.39 N | 70.36 3.64 -29.90 N | 128.50 -13.53 -271.96 N | 131.93 1.73 -114.24 N | 133.78 0.99 -123.59 N | 130.18 1.29 -116.67 N | 376.96 0.67 -370.36 N | 122.61 2.85 -96.13 N | 123.41 -1.09 -133.76 N | 124.25 -0.91 -132.98 N | 123.10 3.90 -86.25 N | 121.43 -1.32 -134.28 N | 122.51 -1.78 -140.16 N | 135.82 -2.09 -158.82 N | 157.40 -2.62 -186.77 N | 186.01 -1.29 -198.35 N | 239.90 1.29 -226.24 N | 104.28 -0.51 -109.23 N | 42.07 1.07 -31.43 N |
| FRANKLIN_FALL_HYD 24054 | 3.43 -0.54 2.18 N | -491.47 56.58 18.30 N | -11.92 0.81 5.45 N | -0.19 -0.33 2.82 N | -8.71 0.43 5.23 N | 7.41 -1.52 3.65 N | 31.48 -3.97 1.37 N | -129.31 13.10 12.48 N | 9.35 -1.59 5.02 N | 6.97 -1.02 1.21 N | 9.36 -1.36 1.51 N | 2.22 -0.66 3.05 N | 18.95 -3.14 1.54 N | -12.92 1.20 4.86 N | -11.45 1.02 4.66 N | 26.77 -4.05 2.13 N | -14.30 1.49 4.27 N | -19.33 2.20 5.66 N | -25.86 2.37 7.32 N | -32.80 2.56 8.61 N | -13.87 1.19 4.01 N | 10.80 -1.22 0.36 N | -9.02 0.45 5.03 N | 7.15 -0.97 1.45 N |
| FREEPORT_EQUS_GT1 23764 | 55.16 0.55 -48.45 N | -168.99 -44.80 -405.56 N | 112.99 -0.49 -120.75 N | 64.33 0.25 -61.11 N | 109.08 -0.29 -113.28 N | 93.09 1.12 -79.39 N | 70.14 3.41 -29.90 N | 129.15 -12.88 -271.96 N | 131.83 1.63 -114.24 N | 133.71 0.92 -123.59 N | 130.05 1.16 -116.67 N | 376.89 0.59 -370.36 N | 122.33 2.57 -96.13 N | 123.52 -0.98 -133.76 N | 124.31 -0.85 -132.98 N | 122.79 3.58 -86.25 N | 121.53 -1.23 -134.28 N | 122.65 -1.64 -140.16 N | 135.99 -1.92 -158.82 N | 157.71 -2.31 -186.77 N | 186.14 -1.16 -198.35 N | 239.78 1.17 -226.24 N | 104.32 -0.47 -109.23 N | 42.01 1.01 -31.43 N |
| FULTON COGEN____ 23766 | 9.91 -0.15 -3.90 N | -486.50 10.64 -32.61 N | 2.58 0.15 -9.71 N | 7.90 -0.06 -5.01 N | 5.46 0.09 -9.28 N | 18.81 -0.28 -6.51 N | 38.45 -0.84 -2.45 N | -104.62 2.99 -22.32 N | 24.60 -0.35 -8.99 N | 11.20 -0.19 -2.18 N | 14.70 -0.23 -2.71 N | 11.30 -0.12 -5.48 N | 25.93 -0.48 -2.77 N | -0.35 0.19 -8.72 N | 0.71 0.15 -8.37 N | 36.07 -3.68 -7.61 N | -3.68 0.24 -10.08 N | -5.46 0.32 -13.04 N | -7.46 0.42 -13.04 N | -10.89 0.53 -15.33 N | -3.67 0.23 -7.14 N | 12.77 -0.24 -0.63 N | 4.63 0.10 -8.97 N | 11.95 -0.21 -2.58 N |
| Freeport____CT2 23818 | 55.16 0.55 -48.45 N | -168.99 -44.80 -405.56 N | 112.99 -0.49 -120.75 N | 64.33 0.25 -61.11 N | 109.08 -0.29 -113.28 N | 93.09 1.12 -79.39 N | 70.14 3.41 -29.90 N | 129.15 -12.88 -271.96 N | 131.83 1.63 -114.24 N | 133.71 0.92 -123.59 N | 130.05 1.16 -116.67 N | 376.89 0.59 -370.36 N | 122.33 2.57 -96.13 N | 123.52 -0.98 -133.76 N | 124.31 -0.85 -132.98 N | 122.79 3.58 -86.25 N | 121.53 -1.23 -134.28 N | 122.65 -1.64 -140.16 N | 135.99 -1.92 -158.82 N | 157.71 -2.31 -186.77 N | 186.14 -1.16 -198.35 N | 239.78 1.17 -226.24 N | 104.32 -0.47 -109.23 N | 42.01 1.01 -31.43 N |
| G.F.CEMENT____DRP 24184 | 69.63 0.33 -63.13 N | -27.89 -26.35 -528.20 N | 149.64 -0.35 -157.27 N | 84.26 0.15 -81.14 N | 146.27 -0.23 -150.41 N | 117.80 0.74 -104.48 N | 77.88 1.92 -39.13 N | 220.08 -5.94 -355.96 N | 160.28 0.94 -143.38 N | 53.78 0.65 -43.92 N | 62.70 0.80 -49.68 N | 93.85 0.42 -87.50 N | 69.60 1.68 -44.29 N | 129.36 -0.68 -139.30 N | 125.30 -0.50 -133.62 N | 95.94 1.84 -61.15 N | 111.20 -0.60 -123.32 N | 146.68 -0.95 -163.50 N | 189.29 -1.20 -211.40 N | 220.28 -1.58 -248.61 N | 104.18 -0.59 -115.82 N | 23.29 0.67 -10.25 N | 140.70 -0.25 -145.40 N | 51.87 0.45 -41.84 N |
| GARDENVILLE____LBMP 24039 | 13.11 -0.39 -7.34 N | -440.20 28.13 -61.41 N | 11.41 0.41 -18.29 N | 12.20 -0.19 -9.43 N | 13.82 0.24 -17.48 N | 24.06 -0.84 -12.31 N | 38.70 -2.82 -4.68 N | -76.57 10.79 -42.58 N | 31.47 -1.63 -17.14 N | 12.42 -0.94 -4.16 N | 16.18 -1.20 -5.16 N | 15.79 -0.59 -10.45 N | 26.37 -2.55 -5.29 N | 8.36 0.98 -16.65 N | 8.94 0.80 -15.96 N | 36.73 -3.51 -14.51 N | 4.21 1.22 -19.25 N | 4.99 1.61 -24.88 N | 6.00 2.03 -29.26 N | 5.05 2.54 -13.63 N | 3.78 1.19 -1.21 N | 12.34 -1.25 -17.11 N | 13.14 0.47 -4.92 N | 13.70 -0.80 N |
| GENERAL____MILLS 23808 | 13.22 -0.38 -7.44 N | -440.38 27.08 -62.29 N | 11.66 0.39 -18.54 N | 12.34 -0.18 -9.56 N | 14.06 0.24 -17.73 N | 24.25 -0.82 -12.50 N | 38.80 -2.79 -4.76 N | -76.09 10.53 -43.32 N | 31.81 -1.61 -17.46 N | 12.51 -0.93 -4.24 N | 16.30 -1.18 -5.26 N | 15.99 -0.58 -10.65 N | 26.48 -2.53 -5.38 N | 8.61 0.96 -16.92 N | 9.19 0.78 -16.23 N | 36.88 -3.47 -14.75 N | 4.43 1.20 -19.56 N | 5.29 1.59 -25.29 N | 6.38 2.00 -29.74 N | 5.49 2.50 -13.86 N | 3.98 1.18 -1.23 N | 12.37 -1.23 -17.39 N | 13.41 0.46 -5.01 N | 13.79 -0.78 N |
| GE_PLASTICS____DRP 24183 | 67.41 0.16 -61.09 N | -35.75 -16.70 -510.70 N | 144.55 -0.23 -152.06 N | 81.62 0.10 -78.57 N | 141.59 -0.13 -145.63 N | 115.09 0.41 -102.10 N | 76.46 1.17 -38.46 N | 215.75 -4.17 -349.85 N | 157.45 0.40 -141.09 N | 43.71 0.19 -34.33 N | 55.06 0.23 -42.60 N | 92.32 0.12 -86.27 N | 67.81 0.51 -43.66 N | 127.87 -0.20 -137.33 N | 123.73 -0.16 -131.71 N | 93.75 0.72 -60.07 N | 107.97 -0.25 -119.75 N | 142.55 -0.35 -158.77 N | 183.94 -0.42 -205.28 N | 214.12 -0.54 -241.41 N | 101.18 -0.24 -112.47 N | 22.57 0.24 -9.95 N | 136.65 -0.10 -141.19 N | 50.41 0.22 -40.63 N |
| GILBOA____I 23756 | 53.87 0.18 -47.53 N | -147.85 -15.88 -397.77 N | 110.91 -0.24 -118.44 N | 64.50 0.11 -61.43 N | 109.82 -0.14 -113.87 N | 92.82 0.43 -79.82 N | 68.09 1.20 -30.06 N | 139.49 -4.03 -273.45 N | 126.55 0.49 -110.10 N | 16.83 0.27 -7.35 N | 32.00 0.36 -19.42 N | 73.25 0.17 -67.15 N | 58.41 0.79 -33.99 N | 97.32 -0.31 -106.89 N | 94.45 -0.26 -102.52 N | 80.80 1.09 -46.76 N | 81.34 -0.38 -93.24 N | 107.23 -0.52 -123.62 N | 138.27 -0.65 -159.83 N | 160.44 -0.77 -187.96 N | 76.17 -0.35 -87.57 N | 20.51 0.39 -7.75 N | 105.34 -0.15 -109.93 N | 41.53 0.33 -31.63 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| GILBOA____2 23757 | 53.87 0.18 -47.53 N | -147.85 -15.88 -397.77 N | 110.91 -0.24 -118.44 N | 64.50 0.11 -61.43 N | 109.82 -0.14 -113.87 N | 92.82 0.43 -79.82 N | 68.09 1.20 -30.06 N | 139.49 -4.03 -273.45 N | 126.55 0.49 -110.10 N | 16.83 0.27 -7.35 N | 32.00 0.36 -19.42 N | 73.25 0.17 -67.15 N | 58.41 0.79 -33.99 N | 97.32 -0.31 -106.89 N | 94.45 -0.26 -102.52 N | 80.80 1.09 -46.76 N | 81.34 -0.38 -93.24 N | 107.23 -0.52 -123.62 N | 138.27 -0.65 -159.83 N | 160.44 -0.77 -187.96 N | 76.17 -0.35 -87.57 N | 20.51 0.39 -7.75 N | 105.34 -0.15 -109.93 N | 41.53 0.33 -31.63 N |
| GILBOA____3 23758 | 53.87 0.18 -47.53 N | -147.85 -15.88 -397.77 N | 110.91 -0.24 -118.44 N | 64.50 0.11 -61.43 N | 109.82 -0.14 -113.87 N | 92.82 0.43 -79.82 N | 68.09 1.20 -30.06 N | 139.49 -4.03 -273.45 N | 126.55 0.49 -110.10 N | 16.83 0.27 -7.35 N | 32.00 0.36 -19.42 N | 73.25 0.17 -67.15 N | 58.41 0.79 -33.99 N | 97.32 -0.31 -106.89 N | 94.45 -0.26 -102.52 N | 80.80 1.09 -46.76 N | 81.34 -0.38 -93.24 N | 107.23 -0.52 -123.62 N | 138.27 -0.65 -159.83 N | 160.44 -0.77 -187.96 N | 76.17 -0.35 -87.57 N | 20.51 0.39 -7.75 N | 105.34 -0.15 -109.93 N | 41.53 0.33 -31.63 N |
| GILBOA____4 23759 | 53.87 0.18 -47.53 N | -147.85 -15.88 -397.77 N | 110.91 -0.24 -118.44 N | 64.50 0.11 -61.43 N | 109.82 -0.14 -113.87 N | 92.82 0.43 -79.82 N | 68.09 1.20 -30.06 N | 139.49 -4.03 -273.45 N | 126.55 0.49 -110.10 N | 16.83 0.27 -7.35 N | 32.00 0.36 -19.42 N | 73.25 0.17 -67.15 N | 58.41 0.79 -33.99 N | 97.32 -0.31 -106.89 N | 94.45 -0.26 -102.52 N | 80.80 1.09 -46.76 N | 81.34 -0.38 -93.24 N | 107.23 -0.52 -123.62 N | 138.27 -0.65 -159.83 N | 160.44 -0.77 -187.96 N | 76.17 -0.35 -87.57 N | 20.51 0.39 -7.75 N | 105.34 -0.15 -109.93 N | 41.53 0.33 -31.63 N |
| GILBOA____ 23599 | 53.87 0.18 -47.53 N | -147.85 -15.88 -397.77 N | 110.91 -0.24 -118.44 N | 64.50 0.11 -61.43 N | 109.82 -0.14 -113.87 N | 92.82 0.43 -79.82 N | 68.09 1.20 -30.06 N | 139.49 -4.03 -273.45 N | 126.55 0.49 -110.10 N | 16.83 0.27 -7.35 N | 32.00 0.36 -19.42 N | 73.25 0.17 -67.15 N | 58.41 0.79 -33.99 N | 97.32 -0.31 -106.89 N | 94.45 -0.26 -102.52 N | 80.80 1.09 -46.76 N | 81.34 -0.38 -93.24 N | 107.23 -0.52 -123.62 N | 138.27 -0.65 -159.83 N | 160.44 -0.77 -187.96 N | 76.17 -0.35 -87.57 N | 20.51 0.39 -7.75 N | 105.34 -0.15 -109.93 N | 41.53 0.33 -31.63 N |
| GINNA____ 23603 | 10.80 -0.45 -5.09 N | -449.79 37.35 -42.61 N | 5.91 0.51 -12.69 N | 9.27 -0.24 -6.54 N | 8.53 0.31 -12.13 N | 20.03 -1.07 -8.52 N | 36.80 -3.26 -3.22 N | -89.43 11.17 -29.34 N | 26.26 -1.51 -11.81 N | 11.23 -0.84 -2.87 N | 14.69 -1.08 -3.56 N | 12.60 -0.53 -7.20 N | 25.01 -2.26 -3.64 N | 3.07 0.87 -11.47 N | 3.89 0.72 -11.00 N | 34.79 -3.18 -5.02 N | -0.42 1.10 -10.00 N | -1.12 1.49 -13.26 N | -1.82 1.96 -17.14 N | -4.17 2.42 -20.16 N | -0.60 1.07 -9.39 N | 12.05 -1.16 -0.83 N | 7.80 0.45 -11.79 N | 12.06 -0.91 -3.39 N |
| GLEN PARK____ 23778 | 7.73 -0.08 -1.65 N | -507.58 8.35 -13.82 N | -3.03 0.13 -4.12 N | 5.02 -0.06 -2.12 N | 0.08 0.07 -3.92 N | 15.11 -0.23 -2.76 N | 37.29 -0.59 -1.04 N | -118.63 1.83 -9.48 N | 19.71 -0.07 -3.82 N | 10.10 -0.03 -0.93 N | 13.35 -0.02 -1.15 N | 8.24 -0.03 -2.33 N | 24.57 -0.24 -1.18 N | -5.43 0.12 -3.71 N | -4.15 0.11 -3.56 N | 34.16 -0.42 -1.62 N | -8.18 0.11 -3.22 N | -11.42 0.18 -4.27 N | -15.31 0.07 -5.53 N | -20.19 0.06 -6.50 N | -7.96 0.06 -3.03 N | 12.64 -0.01 -0.27 N | -0.61 0.03 -3.80 N | 10.55 -0.11 -1.09 N |
| GLENWOOD_IC_1_G5 23712 | 55.13 0.52 -48.45 N | -166.56 -42.38 -405.56 N | 112.98 -0.50 -120.75 N | 64.31 0.24 -61.11 N | 109.08 -0.29 -113.28 N | 93.04 1.07 -79.39 N | 70.03 3.30 -29.90 N | 129.81 -12.22 -271.96 N | 131.76 1.57 -114.24 N | 133.70 0.91 -123.59 N | 130.09 1.19 -116.67 N | 376.91 0.61 -370.36 N | 122.34 2.58 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.72 3.51 -86.25 N | 121.55 -1.20 -134.28 N | 122.66 -1.63 -140.16 N | 135.92 -1.98 -158.82 N | 157.53 -2.49 -186.77 N | 186.13 -1.17 -198.35 N | 239.80 1.19 -226.24 N | 104.33 -0.46 -109.23 N | 41.97 0.96 -31.43 N |
| GLENWOOD_IC_2_G1 23688 | 55.10 0.49 -48.45 N | -164.22 -40.04 -405.56 N | 113.00 -0.47 -120.75 N | 64.30 0.23 -61.11 N | 109.08 -0.28 -113.28 N | 92.99 1.02 -79.39 N | 69.89 3.16 -29.90 N | 130.33 -11.71 -271.96 N | 131.68 1.48 -114.24 N | 133.65 0.86 -123.59 N | 130.02 1.13 -116.67 N | 376.87 0.57 -370.36 N | 122.19 2.43 -96.13 N | 123.57 -0.93 -133.76 N | 124.37 -0.79 -132.98 N | 122.51 3.31 -86.25 N | 121.62 -1.13 -134.28 N | 122.76 -1.54 -140.16 N | 136.03 -1.88 -158.82 N | 157.64 -2.37 -186.77 N | 186.19 -1.10 -198.35 N | 239.74 1.13 -226.24 N | 104.35 -0.44 -109.23 N | 41.92 0.92 -31.43 N |
| GLENWOOD_IC_3_G1 23689 | 55.10 0.49 -48.45 N | -164.22 -40.04 -405.56 N | 113.00 -0.47 -120.75 N | 64.30 0.23 -61.11 N | 109.08 -0.28 -113.28 N | 92.99 1.02 -79.39 N | 69.89 3.16 -29.90 N | 130.33 -11.71 -271.96 N | 131.68 1.48 -114.24 N | 133.65 0.86 -123.59 N | 130.02 1.13 -116.67 N | 376.87 0.57 -370.36 N | 122.19 2.43 -96.13 N | 123.57 -0.93 -133.76 N | 124.37 -0.79 -132.98 N | 122.51 3.31 -86.25 N | 121.62 -1.13 -134.28 N | 122.76 -1.54 -140.16 N | 136.03 -1.88 -158.82 N | 157.64 -2.37 -186.77 N | 186.19 -1.10 -198.35 N | 239.74 1.13 -226.24 N | 104.35 -0.44 -109.23 N | 41.92 0.92 -31.43 N |
| GLENWOOD____4 23550 | 55.13 0.52 -48.45 N | -166.56 -42.38 -405.56 N | 112.98 -0.50 -120.75 N | 64.31 0.24 -61.11 N | 109.08 -0.29 -113.28 N | 93.04 1.07 -79.39 N | 70.03 3.30 -29.90 N | 129.81 -12.22 -271.96 N | 131.76 1.57 -114.24 N | 133.70 0.91 -123.59 N | 130.09 1.19 -116.67 N | 376.91 0.61 -370.36 N | 122.34 2.58 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.72 3.51 -86.25 N | 121.55 -1.20 -134.28 N | 122.66 -1.63 -140.16 N | 135.92 -1.98 -158.82 N | 157.53 -2.49 -186.77 N | 186.13 -1.17 -198.35 N | 239.80 1.19 -226.24 N | 104.33 -0.46 -109.23 N | 41.97 0.96 -31.43 N |
| GLENWOOD____5 23614 | 55.13 0.52 -48.45 N | -166.56 -42.38 -405.56 N | 112.98 -0.50 -120.75 N | 64.31 0.24 -61.11 N | 109.08 -0.29 -113.28 N | 93.04 1.07 -79.39 N | 70.03 3.30 -29.90 N | 129.81 -12.22 -271.96 N | 131.76 1.57 -114.24 N | 133.70 0.91 -123.59 N | 130.09 1.19 -116.67 N | 376.91 0.61 -370.36 N | 122.34 2.58 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.72 3.51 -86.25 N | 121.55 -1.20 -134.28 N | 122.66 -1.63 -140.16 N | 135.92 -1.98 -158.82 N | 157.53 -2.49 -186.77 N | 186.13 -1.17 -198.35 N | 239.80 1.19 -226.24 N | 104.33 -0.46 -109.23 N | 41.97 0.96 -31.43 N |
| GLOBAL GREEN_PORT_GT1 23814 | 55.62 1.01 -48.45 N | -203.72 -79.54 -405.56 N | 112.53 -0.94 -120.75 N | 64.52 0.45 -61.11 N | 108.83 -0.54 -113.28 N | 93.97 2.00 -79.39 N | 72.87 6.15 -29.90 N | 119.31 -22.72 -271.96 N | 133.27 3.07 -114.24 N | 134.63 1.84 -123.59 N | 131.30 2.40 -116.67 N | 377.48 1.18 -370.36 N | 124.71 4.95 -96.13 N | 122.65 -1.85 -133.76 N | 123.61 -1.55 -132.98 N | 125.76 6.56 -86.25 N | 120.51 -2.25 -134.28 N | 121.26 -3.03 -140.16 N | 134.17 -3.73 -158.82 N | 155.32 -4.70 -186.77 N | 185.04 -2.25 -198.35 N | 240.87 2.26 -226.24 N | 103.95 -0.84 -109.23 N | 42.74 1.74 -31.43 N |
| GOETHSLN____LBMP 323567 | 55.03 0.43 -48.44 N | -158.74 -34.50 -405.51 N | 113.03 -0.43 -120.74 N | 64.26 0.20 -61.10 N | 109.10 -0.26 -113.26 N | 92.86 0.90 -79.38 N | 69.56 2.83 -29.89 N | 131.58 -10.41 -271.93 N | 126.70 1.31 -109.43 N | 133.53 0.76 -123.57 N | 115.02 1.00 -101.80 N | 73.13 0.51 -66.69 N | 59.56 2.17 -33.76 N | 96.07 -0.84 -106.17 N | 93.30 -0.71 -101.83 N | 82.36 2.96 -46.45 N | 80.18 -1.02 -92.73 N | 105.88 -1.39 -123.13 N | 136.13 -1.75 -158.80 N | 157.75 -2.24 -186.75 N | 74.95 -0.99 -87.00 N | 24.81 1.02 -11.41 N | 94.83 -0.40 -99.67 N | -25.51 0.84 35.92 N |
| GOUDEY____7 23579 | 22.88 0.02 -16.70 N | -392.12 -2.11 -139.73 N | 34.33 0.01 -41.60 N | 24.44 0.03 -21.46 N | 35.83 -0.03 -39.77 N | 40.61 0.18 -27.85 N | 47.73 0.43 -10.47 N | -34.36 0.31 -95.27 N | 54.42 0.11 -38.35 N | 22.09 0.04 -12.85 N | 26.34 0.06 -14.07 N | 29.33 0.01 -23.39 N | 35.66 0.19 -11.84 N | 27.92 -0.04 -37.23 N | 27.84 -0.04 -35.71 N | 49.42 0.18 -16.29 N | 20.90 -0.05 -32.47 N | 27.12 -0.06 -43.05 N | 34.64 -0.11 -55.66 N | 38.68 -0.03 -65.46 N | 19.46 0.02 -30.49 N | 15.16 0.08 -2.70 N | 33.83 -0.01 -38.28 N | 20.65 0.07 -11.02 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 | N | N |
|------------------------|---------------------------|------------------------------|----------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---|---|---|---|
| GOUDEY___8 23580 | 22.87 0.02 -16.70 | -391.59 -1.58 -139.73 | 34.34 0.01 -41.60 | 24.44 0.02 -21.46 | 35.84 -0.03 -39.77 | 40.60 0.16 -27.85 | 47.69 0.39 -10.47 | -34.23 0.44 -95.27 | 54.40 0.09 -38.35 | 22.08 0.03 -12.85 | 26.33 0.04 -14.07 | 29.33 0.01 -23.39 | 35.62 0.15 -11.84 | 27.93 -0.03 -37.23 | 27.85 -0.03 -35.71 | 49.38 0.14 -16.29 | 20.92 -0.03 -32.47 | 27.14 -0.04 -43.05 | 34.66 -0.09 -55.66 | 38.71 0.00 -65.46 | 19.47 0.03 -30.49 | 15.14 0.06 -2.70 | 33.84 0.00 -38.28 | 20.64 0.06 -11.02 | | | | |
| | 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 | |
| GOWANUS_GT1_1 24077 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_2 24078 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_3 24079 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_4 24080 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_5 24084 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_6 24111 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_7 24112 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT1_8 24113 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.42 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT2_1 24114 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.41 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT2_2 24115 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.41 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT2_3 24116 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.41 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT2_4 24117 | 318.43 0.49 -311.79 | -163.73 -39.49 -405.51 | 112.96 -0.50 -120.74 | 64.29 0.23 -61.10 | 109.06 -0.29 -113.26 | 92.97 1.01 -79.38 | 69.80 3.08 -29.89 | 130.67 -11.32 -271.93 | 126.81 1.41 -109.43 | 133.60 0.83 -123.57 | 224.36 1.08 -211.06 | 507.58 0.55 -501.09 | 497.04 2.35 -471.06 | 497.04 -0.91 -507.21 | 496.96 -0.76 -505.55 | 498.27 3.21 -462.10 | 337.75 -1.11 -350.38 | 105.76 -1.52 -123.14 | 136.01 -1.87 -158.79 | 157.58 -2.41 -186.74 | 74.86 -1.08 -87.00 | 317.44 1.14 -303.92 | 154.47 -0.45 -159.35 | 294.51 0.96 -283.98 | | | | |
| | 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 | |
| GOWANUS_GT2_5 | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|---------|---------|---------|--------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
| 24118 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_6 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24119 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_7 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24120 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_8 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24121 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_1 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24122 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_2 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24123 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_3 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24124 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_4 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24125 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_5 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24126 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_6 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24127 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_7 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24128 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_8 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24129 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.42 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_1 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24130 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -350.38 | -123.14 | -158.79 | -186.74 | -87.00 | -303.92 | -159.35 | -283.98 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_2 | | 318.43 | -163.73 | 112.96 | 64.29 | 109.06 | 92.97 | 69.80 | 130.67 | 126.81 | 133.60 | 224.36 | 507.58 | 497.04 | 497.04 | 496.96 | 498.27 | 337.75 | 105.76 | 136.01 | 157.58 | 74.86 | 317.44 | 154.47 | 294.51 |
| 24131 | | 0.49 | -39.49 | -0.50 | 0.23 | -0.29 | 1.01 | 3.08 | -11.32 | 1.41 | 0.83 | 1.08 | 0.55 | 2.35 | -0.91 | -0.76 | 3.21 | -1.11 | -1.52 | -1.87 | -2.41 | -1.08 | 1.14 | -0.45 | 0.96 |
| | | -311.79 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -211.06 | -501.09 | -471.06 | -507.21 | -505.55 | -462.10 | -3 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|
| GOWANUS_GT4_3 24132 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GOWANUS_GT4_4 24133 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GOWANUS_GT4_5 24134 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GOWANUS_GT4_6 24135 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GOWANUS_GT4_7 24136 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GOWANUS_GT4_8 24137 | 318.43 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| GREENIDGE___3 23582 | 14.75 -0.11 -8.70 N | -448.47 8.46 -72.82 N | 14.56 0.16 -21.68 N | 14.08 -0.06 -11.18 N | 16.89 0.07 -20.72 N | 26.93 -0.18 -14.52 N | 41.62 -0.68 -5.46 N | -76.13 4.10 -49.71 N | 35.63 -0.34 -20.01 N | 13.87 -0.19 -4.86 N | 18.00 -0.25 -6.03 N | 17.99 -0.15 -12.20 N | 29.24 -0.56 -6.18 N | 10.41 0.24 -19.43 N | 11.00 0.19 -18.63 N | 40.53 -0.92 -8.50 N | 5.72 0.30 -16.94 N | 7.00 0.41 -22.46 N | 8.60 0.47 -29.04 N | 8.07 0.67 -34.15 N | 5.22 0.36 -15.91 N | 13.50 -0.28 -1.41 N | 15.68 0.15 -19.97 N | 15.09 -0.23 -5.75 N |
| GREENIDGE___4 23583 | 14.75 -0.11 -8.70 N | -448.47 8.46 -72.82 N | 14.56 0.16 -21.68 N | 14.08 -0.06 -11.18 N | 16.89 0.07 -20.72 N | 26.93 -0.18 -14.52 N | 41.62 -0.68 -5.46 N | -76.13 4.10 -49.71 N | 35.63 -0.34 -20.01 N | 13.87 -0.19 -4.86 N | 18.00 -0.25 -6.03 N | 17.99 -0.15 -12.20 N | 29.24 -0.56 -6.18 N | 10.41 0.24 -19.43 N | 11.00 0.19 -18.63 N | 40.53 -0.92 -8.50 N | 5.72 0.30 -16.94 N | 7.00 0.41 -22.46 N | 8.60 0.47 -29.04 N | 8.07 0.67 -34.15 N | 5.22 0.36 -15.91 N | 13.50 -0.28 -1.41 N | 15.68 0.15 -19.97 N | 15.09 -0.23 -5.75 N |
| GROVEVILLE___HYD 323602 | 56.26 0.40 -49.71 N | -148.79 -35.31 -416.26 N | 116.21 -0.45 -123.93 N | 66.18 0.20 -63.02 N | 112.63 -0.27 -116.80 N | 95.36 0.92 -81.86 N | 70.49 2.83 -30.83 N | 140.11 -10.40 -280.44 N | 130.10 1.33 -112.81 N | 122.59 0.77 -112.62 N | 107.68 1.01 -94.46 N | 75.15 0.51 -68.71 N | 60.54 2.14 -34.78 N | 99.26 -0.83 -109.35 N | 96.31 -0.70 -104.83 N | 83.71 2.94 -47.82 N | 82.83 -1.01 -95.36 N | 109.18 -1.38 -126.43 N | 140.80 -1.75 -163.46 N | 163.24 -2.24 -192.24 N | 77.52 -0.99 -89.56 N | 21.35 1.05 -7.92 N | 107.59 -0.39 -112.43 N | 42.74 0.82 -32.35 N |
| HAMPSHIRE___PAPER_HYD 323593 | 5.83 -0.33 0.00 N | -498.11 31.64 0.00 N | -6.82 0.45 0.00 N | 2.77 -0.18 0.00 N | -3.67 0.24 0.00 N | 11.73 -0.85 0.00 N | 34.59 -2.25 0.00 N | -122.41 7.53 0.00 N | 15.10 -0.86 0.00 N | 8.66 -0.55 0.00 N | 11.49 -0.73 0.00 N | 5.53 -0.40 0.00 N | 21.60 -2.03 0.00 N | -8.48 0.79 0.00 N | -7.16 0.66 0.00 N | 30.29 -2.66 0.00 N | -10.58 0.94 0.00 N | -14.50 1.36 0.00 N | -19.60 1.31 0.00 N | -25.30 1.45 0.00 N | -10.38 0.67 0.00 N | 11.74 -0.64 0.00 N | -4.19 0.25 0.00 N | 9.03 -0.54 0.00 N |
| HARZA MOOSE___RIVER 24016 | 6.08 -0.07 0.00 N | -521.78 7.96 0.00 N | -7.16 0.11 0.00 N | 2.91 -0.06 0.00 N | -3.85 0.06 0.00 N | 12.36 -0.22 0.00 N | 36.26 -0.57 0.00 N | -128.11 1.82 0.00 N | 15.83 -0.13 0.00 N | 9.13 -0.07 0.00 N | 12.13 -0.10 0.00 N | 5.87 -0.07 0.00 N | 23.25 -0.38 0.00 N | -9.11 0.16 0.00 N | -7.69 0.13 0.00 N | 32.41 -0.54 0.00 N | -11.35 0.17 0.00 N | -15.62 0.25 0.00 N | -20.70 0.21 0.00 N | -26.51 0.24 0.00 N | -10.93 0.12 0.00 N | 12.29 -0.08 0.00 N | -4.39 0.05 0.00 N | 9.44 -0.13 0.00 N |
| HEMPSTEAD___ 23647 | 55.13 0.52 -48.45 N | -166.46 -42.28 -405.56 N | 113.01 -0.47 -120.75 N | 64.31 0.24 -61.11 N | 109.09 -0.28 -113.28 N | 93.04 1.07 -79.39 N | 70.00 3.27 -29.90 N | 129.81 -12.23 -271.96 N | 131.76 1.57 -114.24 N | 133.69 0.90 -123.59 N | 130.05 1.16 -116.67 N | 376.89 0.60 -370.36 N | 122.32 2.56 -96.13 N | 123.53 -0.97 -133.76 N | 124.34 -0.82 -132.98 N | 122.69 3.48 -86.25 N | 121.57 -1.19 -134.28 N | 122.70 -1.59 -140.16 N | 136.02 -1.89 -158.82 N | 157.68 -2.34 -186.77 N | 186.14 -1.15 -198.35 N | 239.76 1.14 -226.24 N | 104.34 -0.45 -109.23 N | 41.96 0.96 -31.43 N |
| HICKLING___1 23621 | 17.74 0.13 -11.45 N | -444.56 -10.68 -95.86 N | 21.20 -0.06 -28.54 N | 17.76 0.08 -14.72 N | 23.29 -0.09 -27.28 N | 32.15 0.48 -19.09 N | 45.17 1.17 -7.17 N | -64.85 -0.13 -65.22 N | 42.60 0.39 -26.26 N | 15.76 0.19 -6.37 N | 20.35 0.23 -7.91 N | 22.02 0.08 -16.01 N | 32.25 0.51 -8.10 N | 16.08 -0.14 -25.49 N | 16.49 -0.14 -24.45 N | 44.65 0.55 -11.15 N | 10.53 -0.17 -22.23 N | 13.37 -0.23 -29.47 N | 16.80 -0.39 -38.10 N | 17.77 -0.29 -44.81 N | 9.80 -0.02 -20.88 N | 14.48 0.25 -1.85 N | 21.74 -0.03 -26.21 N | 17.32 0.20 -7.54 N |
| HICKLING___2 23622 | 17.74 0.13 -11.45 N | -444.56 -10.68 -95.86 N | 21.20 -0.06 -28.54 N | 17.76 0.08 -14.72 N | 23.29 -0.09 -27.28 N | 32.15 0.48 -19.09 N | 45.17 1.17 -7.17 N | -64.85 -0.13 -65.22 N | 42.60 0.39 -26.26 N | 15.76 0.19 -6.37 N | 20.35 0.23 -7.91 N | 22.02 0.08 -16.01 N | 32.25 0.51 -8.10 N | 16.08 -0.14 -25.49 N | 16.49 -0.14 -24.45 N | 44.65 0.55 -11.15 N | 10.53 -0.17 -22.23 N | 13.37 -0.23 -29.47 N | 16.80 -0.39 -38.10 N | 17.77 -0.29 -44.81 N | 9.80 -0.02 -20.88 N | 14.48 0.25 -1.85 N | 21.74 -0.03 -26.21 N | 17.32 0.20 -7.54 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 | 55.46 0.41 -48.88 N | -153.70 -33.76 -409.81 N | 114.30 -0.44 -122.02 N | 65.58 0.19 -62.42 N | 111.54 -0.26 -115.70 N | 94.56 0.89 -81.10 N | 70.13 2.76 -30.54 N | 137.89 -10.01 -277.83 N | 128.84 1.32 -111.56 N | 111.23 0.75 -101.28 N | 99.41 0.99 -86.21 N | 74.17 0.49 -67.75 N | 59.89 1.97 -34.29 N | 97.83 -0.75 -107.84 N | 94.95 -0.64 -103.40 N | 82.80 2.68 -47.17 N | 81.62 -0.91 -94.05 N | 107.59 -1.24 -124.70 N | 138.73 -1.59 -161.23 N | 160.84 -2.02 -189.61 N | 76.39 -0.89 -88.33 N | 21.15 0.96 -7.81 N | 106.09 -0.36 -110.89 N | 42.22 0.74 -31.91 N | |
| HILLBURN___GT 23639 | 53.10 0.43 -46.51 N | -177.22 -36.78 -389.30 N | 108.15 -0.48 -115.91 N | 61.94 0.22 -58.76 N | 104.73 -0.29 -108.93 N | 89.91 0.99 -76.34 N | 68.63 3.05 -28.75 N | 120.53 -11.06 -261.52 N | 122.60 1.40 -105.24 N | 124.25 0.81 -114.24 N | 107.92 1.06 -94.64 N | 70.60 0.53 -64.14 N | 58.32 2.23 -32.46 N | 91.97 -0.86 -102.10 N | 89.38 -0.73 -97.92 N | 80.64 3.02 -44.67 N | 76.52 -1.03 -89.07 N | 100.82 -1.41 -118.10 N | 130.00 -1.79 -152.69 N | 150.53 -2.29 -179.57 N | 71.58 -1.02 -83.66 N | 20.85 1.07 -7.40 N | 100.17 -0.41 -105.02 N | 40.64 0.85 -30.22 N | |
| HOLTSVILLE_IC_1 23690 | 55.24 0.63 -48.45 N | -174.81 -50.63 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.65 3.92 -29.90 N | 127.21 -14.83 -271.96 N | 132.09 1.90 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.36 -1.14 -133.76 N | 124.20 -0.96 -132.98 N | 123.28 4.08 -86.25 N | 121.38 -1.38 -134.28 N | 122.46 -1.83 -140.16 N | 135.76 -2.14 -158.82 N | 157.37 -2.65 -186.77 N | 185.92 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.26 -0.52 -109.23 N | 42.13 1.13 -31.43 N | |
| HOLTSVILLE_IC_10 23699 | 55.28 0.68 -48.45 N | -178.05 -53.87 -405.56 N | 112.89 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.33 1.36 -79.39 N | 70.91 4.18 -29.90 N | 126.16 -15.87 -271.96 N | 132.22 2.02 -114.24 N | 133.98 1.19 -123.59 N | 130.42 1.53 -116.67 N | 377.07 0.77 -370.36 N | 123.07 3.31 -96.13 N | 123.28 -1.21 -133.76 N | 124.14 -1.02 -132.98 N | 123.53 4.33 -86.25 N | 121.29 -1.47 -134.28 N | 122.34 -1.95 -140.16 N | 135.62 -2.29 -158.82 N | 157.19 -2.83 -186.77 N | 185.83 -1.46 -198.35 N | 239.98 1.37 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N | |
| HOLTSVILLE_IC_2 23691 | 55.24 0.63 -48.45 N | -174.81 -50.63 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.65 3.92 -29.90 N | 127.21 -14.83 -271.96 N | 132.09 1.90 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.36 -1.14 -133.76 N | 124.20 -0.96 -132.98 N | 123.28 4.08 -86.25 N | 121.38 -1.38 -134.28 N | 122.46 -1.83 -140.16 N | 135.76 -2.14 -158.82 N | 157.37 -2.65 -186.77 N | 185.92 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.26 -0.52 -109.23 N | 42.13 1.13 -31.43 N | |
| HOLTSVILLE_IC_3 23692 | 55.24 0.63 -48.45 N | -174.81 -50.63 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.65 3.92 -29.90 N | 127.21 -14.83 -271.96 N | 132.09 1.90 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.36 -1.14 -133.76 N | 124.20 -0.96 -132.98 N | 123.28 4.08 -86.25 N | 121.38 -1.38 -134.28 N | 122.46 -1.83 -140.16 N | 135.76 -2.14 -158.82 N | 157.37 -2.65 -186.77 N | 185.92 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.26 -0.52 -109.23 N | 42.13 1.13 -31.43 N | |
| HOLTSVILLE_IC_4 23693 | 55.24 0.63 -48.45 N | -174.81 -50.63 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.65 3.92 -29.90 N | 127.21 -14.83 -271.96 N | 132.09 1.90 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.36 -1.14 -133.76 N | 124.20 -0.96 -132.98 N | 123.28 4.08 -86.25 N | 121.38 -1.38 -134.28 N | 122.46 -1.83 -140.16 N | 135.76 -2.14 -158.82 N | 157.37 -2.65 -186.77 N | 185.92 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.26 -0.52 -109.23 N | 42.13 1.13 -31.43 N | |
| HOLTSVILLE_IC_5 23694 | 55.24 0.63 -48.45 N | -174.81 -50.63 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.65 3.92 -29.90 N | 127.21 -14.83 -271.96 N | 132.09 1.90 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.36 -1.14 -133.76 N | 124.20 -0.96 -132.98 N | 123.28 4.08 -86.25 N | 121.38 -1.38 -134.28 N | 122.46 -1.83 -140.16 N | 135.76 -2.14 -158.82 N | 157.37 -2.65 -186.77 N | 185.92 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.26 -0.52 -109.23 N | 42.13 1.13 -31.43 N | |
| HOLTSVILLE_IC_6 23695 | 55.28 0.68 -48.45 N | -178.05 -53.87 -405.56 N | 112.89 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.33 1.36 -79.39 N | 70.91 4.18 -29.90 N | 126.16 -15.87 -271.96 N | 132.22 2.02 -114.24 N | 133.98 1.19 -123.59 N | 130.42 1.53 -116.67 N | 377.07 0.77 -370.36 N | 123.07 3.31 -96.13 N | 123.28 -1.21 -133.76 N | 124.14 -1.02 -132.98 N | 123.53 4.33 -86.25 N | 121.29 -1.47 -134.28 N | 122.34 -1.95 -140.16 N | 135.62 -2.29 -158.82 N | 157.19 -2.83 -186.77 N | 185.83 -1.46 -198.35 N | 239.98 1.37 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N | |
| HOLTSVILLE_IC_7 23696 | 55.28 0.68 -48.45 N | -178.05 -53.87 -405.56 N | 112.89 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.33 1.36 -79.39 N | 70.91 4.18 -29.90 N | 126.16 -15.87 -271.96 N | 132.22 2.02 -114.24 N | 133.98 1.19 -123.59 N | 130.42 1.53 -116.67 N | 377.07 0.77 -370.36 N | 123.07 3.31 -96.13 N | 123.28 -1.21 -133.76 N | 124.14 -1.02 -132.98 N | 123.53 4.33 -86.25 N | 121.29 -1.47 -134.28 N | 122.34 -1.95 -140.16 N | 135.62 -2.29 -158.82 N | 157.19 -2.83 -186.77 N | 185.83 -1.46 -198.35 N | 239.98 1.37 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N | |
| HOLTSVILLE_IC_8 23697 | 55.28 0.68 -48.45 N | -178.05 -53.87 -405.56 N | 112.89 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.33 1.36 -79.39 N | 70.91 4.18 -29.90 N | 126.16 -15.87 -271.96 N | 132.22 2.02 -114.24 N | 133.98 1.19 -123.59 N | 130.42 1.53 -116.67 N | 377.07 0.77 -370.36 N | 123.07 3.31 -96.13 N | 123.28 -1.21 -133.76 N | 124.14 -1.02 -132.98 N | 123.53 4.33 -86.25 N | 121.29 -1.47 -134.28 N | 122.34 -1.95 -140.16 N | 135.62 -2.29 -158.82 N | 157.19 -2.83 -186.77 N | 185.83 -1.46 -198.35 N | 239.98 1.37 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N | |
| HOLTSVILLE_IC_9 23698 | 55.28 0.68 -48.45 N | -178.05 -53.87 -405.56 N | 112.89 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.33 1.36 -79.39 N | 70.91 4.18 -29.90 N | 126.16 -15.87 -271.96 N | 132.22 2.02 -114.24 N | 133.98 1.19 -123.59 N | 130.42 1.53 -116.67 N | 377.07 0.77 -370.36 N | 123.07 3.31 -96.13 N | 123.28 -1.21 -133.76 N | 124.14 -1.02 -132.98 N | 123.53 4.33 -86.25 N | 121.29 -1.47 -134.28 N | 122.34 -1.95 -140.16 N | 135.62 -2.29 -158.82 N | 157.19 -2.83 -186.77 N | 185.83 -1.46 -198.35 N | 239.98 1.37 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N | |
| HQ_GEN_CEDARS 23644 | 3.37 -0.57 2.22 N | -491.22 57.11 18.58 N | -12.01 0.80 5.53 N | -0.24 -0.33 2.87 N | -8.79 0.43 5.32 N | 7.34 -1.53 3.71 N | 31.41 -4.03 1.39 N | -128.99 13.61 12.67 N | 9.16 -1.71 5.09 N | 6.86 -1.11 1.23 N | 9.21 -1.48 1.53 N | 2.11 -0.73 3.10 N | 18.66 -3.40 1.57 N | -12.89 1.31 4.93 N | -11.45 1.10 4.73 N | 26.42 -4.37 2.16 N | -14.28 1.57 4.34 N | -19.31 2.31 5.75 N | -25.79 2.55 7.43 N | -32.73 2.76 8.74 N | -13.87 1.25 4.07 N | 10.71 -1.31 0.36 N | -9.07 0.48 5.11 N | 7.10 -1.00 1.47 N | |
| HQ_GEN_IMPORT | -10.18 | -529.74 | -7.28 | 2.96 | -3.91 | 12.58 | 36.83 | -129.94 | 15.96 | 9.20 | 12.22 | 5.93 | 23.63 | -9.26 | -7.82 | 32.95 | -11.52 | -15.87 | -20.91 | -26.75 | -11.05 | 12.38 | -4.44 | 9.57 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------|
| 323601 | | 0.00 16.97 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N | 0.00 0.00 N |
| HQ_GEN_WHEEL 23651 | | -10.18 0.00 16.97 N | -529.74 0.00 0.00 N | -7.28 0.00 0.00 N | 2.96 0.00 0.00 N | -3.91 0.00 0.00 N | 12.58 0.00 0.00 N | 36.83 0.00 0.00 N | -129.94 0.00 0.00 N | 15.96 0.00 0.00 N | 9.20 0.00 0.00 N | 12.22 0.00 0.00 N | 5.93 0.00 0.00 N | 23.63 0.00 0.00 N | -9.26 0.00 0.00 N | -7.82 0.00 0.00 N | 32.95 0.00 0.00 N | -11.52 0.00 0.00 N | -15.87 0.00 0.00 N | -20.91 0.00 0.00 N | -26.75 0.00 0.00 N | -11.05 0.00 0.00 N | 12.38 0.00 0.00 N | -4.44 0.00 0.00 N | 9.57 0.00 0.00 N |
| HUDSON_AVE_GT_3 23810 | | 55.07 0.48 -48.44 N | -162.89 -38.66 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.28 -113.26 N | 92.96 1.00 -79.38 N | 69.82 3.10 -29.89 N | 130.68 -11.32 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.13 1.10 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.17 N | 93.24 -0.78 -101.83 N | 82.64 3.24 -46.45 N | 80.08 -1.12 -92.73 N | 105.74 -1.53 -123.13 N | 135.96 -1.92 -158.79 N | 157.54 -2.45 -186.74 N | 74.86 -1.09 -87.00 N | 24.93 1.14 -11.41 N | 104.34 -0.43 -109.21 N | 41.92 0.92 -31.43 N |
| HUDSON_AVE_GT_4 23540 | | 55.07 0.48 -48.44 N | -162.89 -38.66 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.28 -113.26 N | 92.96 1.00 -79.38 N | 69.82 3.10 -29.89 N | 130.68 -11.32 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.13 1.10 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.17 N | 93.24 -0.78 -101.83 N | 82.64 3.24 -46.45 N | 80.08 -1.12 -92.73 N | 105.74 -1.53 -123.13 N | 135.96 -1.92 -158.79 N | 157.54 -2.45 -186.74 N | 74.86 -1.09 -87.00 N | 24.93 1.14 -11.41 N | 104.34 -0.43 -109.21 N | 41.92 0.92 -31.43 N |
| HUDSON_AVE_GT_5 23657 | | 55.07 0.48 -48.44 N | -162.89 -38.66 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.28 -113.26 N | 92.96 1.00 -79.38 N | 69.82 3.10 -29.89 N | 130.68 -11.32 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.13 1.10 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.17 N | 93.24 -0.78 -101.83 N | 82.64 3.24 -46.45 N | 80.08 -1.12 -92.73 N | 105.74 -1.53 -123.13 N | 135.96 -1.92 -158.79 N | 157.54 -2.45 -186.74 N | 74.86 -1.09 -87.00 N | 24.93 1.14 -11.41 N | 104.34 -0.43 -109.21 N | 41.92 0.92 -31.43 N |
| HUDSON_AVE_10 24168 | | 55.08 0.48 -48.44 N | -163.21 -38.97 -405.51 N | 112.97 -0.49 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.84 3.12 -29.89 N | 130.54 -11.45 -271.93 N | 126.82 1.43 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.19 0.56 -66.70 N | 59.75 2.37 -33.76 N | 95.99 -0.91 -106.17 N | 93.25 -0.77 -101.83 N | 82.62 3.22 -46.45 N | 80.10 -1.11 -92.73 N | 105.76 -1.51 -123.13 N | 135.98 -1.90 -158.79 N | 157.56 -2.42 -186.74 N | 74.86 -1.09 -87.00 N | 24.92 1.13 -11.41 N | 104.34 -0.43 -109.21 N | 41.93 0.93 -31.43 N |
| HUNTER_MOUNT___DRP 323613 | | 60.67 0.47 -54.05 N | -113.08 -38.29 -454.95 N | 127.67 -0.52 -135.46 N | 72.75 0.22 -69.58 N | 124.77 -0.29 -128.97 N | 103.93 0.95 -90.40 N | 73.72 2.84 -34.05 N | 169.66 -10.14 -309.73 N | 140.78 1.24 -123.58 N | 99.69 0.69 -89.81 N | 92.59 0.91 -79.45 N | 80.70 0.45 -74.32 N | 63.07 1.82 -37.62 N | 108.34 -0.70 -118.31 N | 105.03 -0.59 -113.44 N | 87.18 2.48 -51.74 N | 90.79 -0.86 -103.17 N | 119.73 -1.19 -136.79 N | 154.38 -1.56 -176.86 N | 179.22 -2.02 -207.99 N | 84.98 -0.86 -96.89 N | 21.88 0.93 -8.57 N | 116.87 -0.33 -121.64 N | 45.26 0.69 -35.00 N |
| HUNTLEY___63 23557 | | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| HUNTLEY___64 23558 | | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| HUNTLEY___65 23559 | | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| HUNTLEY___66 23560 | | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| HUNTLEY___67 23561 | | 12.83 -0.44 -7.11 N | -438.02 32.19 -59.54 N | 10.91 0.46 -17.73 N | 11.89 -0.21 -9.14 N | 13.32 0.28 -16.95 N | 23.53 -0.99 -11.94 N | 38.11 -3.26 -4.54 N | -76.86 11.81 -41.26 N | 30.72 -1.85 -16.61 N | 12.18 -1.06 -4.03 N | 15.87 -1.35 -5.00 N | 15.39 -0.66 -10.13 N | 25.88 -2.89 -5.13 N | 7.96 1.09 -16.13 N | 8.54 0.89 -15.47 N | 36.07 -3.93 -7.06 N | 3.90 1.35 -14.07 N | 4.58 1.80 -18.65 N | 5.48 2.27 -24.11 N | 4.43 2.83 -28.36 N | 3.48 1.32 -13.21 N | 12.13 -1.41 -1.17 N | 12.67 0.52 -16.59 N | 13.44 -0.90 -4.77 N |
| HUNTLEY___68 23562 | | 12.83 -0.44 -7.11 N | -438.02 32.19 -59.54 N | 10.91 0.46 -17.73 N | 11.89 -0.21 -9.14 N | 13.32 0.28 -16.95 N | 23.53 -0.99 -11.94 N | 38.11 -3.26 -4.54 N | -76.86 11.81 -41.26 N | 30.72 -1.85 -16.61 N | 12.18 -1.06 -4.03 N | 15.87 -1.35 -5.00 N | 15.39 -0.66 -10.13 N | 25.88 -2.89 -5.13 N | 7.96 1.09 -16.13 N | 8.54 0.89 -15.47 N | 36.07 -3.93 -7.06 N | 3.90 1.35 -14.07 N | 4.58 1.80 -18.65 N | 5.48 2.27 -24.11 N | 4.43 2.83 -28.36 N | 3.48 1.32 -13.21 N | 12.13 -1.41 -1.17 N | 12.67 0.52 -16.59 N | 13.44 -0.90 -4.77 N |
| INDECK___CORINTH 23802 | | 70.28 0.36 -63.76 N | -24.25 -27.94 -533.44 N | 151.18 -0.37 -158.83 N | 85.08 0.16 -81.96 N | 147.77 -0.24 -151.91 N | 118.64 0.76 -105.31 N | 78.08 1.87 -39.38 N | 223.19 -5.14 -358.27 N | 161.18 0.91 -144.31 N | 53.90 0.68 -44.02 N | 62.90 0.81 -49.87 N | 94.43 0.43 -88.07 N | 70.02 1.81 -44.57 N | 130.21 -0.73 -140.20 N | 126.15 -0.52 -134.49 N | 96.36 1.81 -61.60 N | 112.47 -0.56 -124.56 N | 148.33 -0.95 -165.14 N | 191.41 -1.20 -213.52 N | 222.78 -1.57 -251.10 N | 105.34 -0.59 -116.98 N | 23.45 0.72 -10.35 N | 142.14 -0.27 -146.85 N | 52.32 0.48 -42.26 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------|
| INDECK____ILION 23567 | 5.03 0.11 1.25 N | -550.25 -10.07 10.43 N | -10.52 -0.14 3.11 N | 1.40 0.06 1.61 N | -6.97 -0.08 2.98 N | 10.74 0.24 2.08 N | 36.73 0.69 0.78 N | -139.37 -2.33 7.11 N | 13.42 0.32 2.86 N | 8.70 0.19 0.69 N | 11.60 0.24 0.86 N | 4.31 0.12 1.74 N | 23.24 0.49 0.88 N | -12.22 -0.19 2.77 N | -10.63 -0.16 2.65 N | 32.39 0.65 1.21 N | -14.20 -0.24 2.43 N | -19.44 -0.34 3.23 N | -25.54 -0.45 4.17 N | -32.20 -0.54 4.91 N | -13.57 -0.23 2.29 N | 12.43 0.25 0.20 N | -7.40 -0.09 2.87 N | 8.91 0.17 0.83 N |
| INDECK____OLEAN 23982 | 13.84 -0.04 -7.73 N | -463.71 1.35 -64.68 N | 12.04 0.06 -19.26 N | 12.86 -0.03 -9.93 N | 14.55 0.05 -18.41 N | 25.69 -0.15 -13.26 N | 41.50 -0.58 -5.26 N | -77.45 4.64 -47.84 N | 34.86 -0.37 -19.27 N | 13.66 -0.22 -4.68 N | 17.74 -0.29 -5.80 N | 17.52 -0.16 -11.75 N | 28.83 -0.74 -5.94 N | 9.68 0.25 -18.69 N | 10.35 0.25 -17.92 N | 39.90 -1.23 -8.18 N | 5.22 0.45 -16.30 N | 6.26 0.52 -21.61 N | 7.54 0.51 -27.94 N | 6.76 0.66 -32.86 N | 4.65 0.40 -15.30 N | 13.44 -0.29 -1.35 N | 14.93 0.16 -19.22 N | 14.92 -0.18 -5.53 N |
| INDECK____OSWEGO 23783 | 9.77 -0.16 -3.77 N | -485.20 12.98 -31.57 N | 2.31 0.19 -9.40 N | 7.73 -0.08 -4.85 N | 5.18 0.10 -8.98 N | 18.55 -0.33 -6.30 N | 38.23 -0.98 -2.38 N | -104.81 3.51 -21.61 N | 24.25 -0.42 -8.70 N | 11.08 -0.23 -2.11 N | 14.55 -0.29 -2.62 N | 11.09 -0.15 -5.31 N | 25.72 -0.60 -2.69 N | -0.58 0.24 -8.45 N | 0.48 0.20 -8.10 N | 35.77 -0.88 -3.70 N | -3.86 0.30 -7.36 N | -5.70 0.41 -9.76 N | -7.77 0.52 -12.62 N | -11.24 0.67 -14.84 N | -3.85 0.29 -6.91 N | 12.68 -0.31 -0.61 N | 4.36 0.12 -8.68 N | 11.82 -0.25 -2.50 N |
| INDECK____YERKES 23781 | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| INDIAN POINT_GT_1 24139 | 54.67 0.41 -48.11 N | -161.14 -34.10 -402.70 N | 112.19 -0.43 -119.90 N | 63.85 0.20 -60.69 N | 108.33 -0.26 -112.50 N | 92.33 0.91 -78.84 N | 69.31 2.79 -29.69 N | 130.02 -10.15 -270.10 N | 125.95 1.29 -108.70 N | 132.04 0.75 -122.09 N | 113.86 0.98 -100.66 N | 72.68 0.50 -66.25 N | 59.25 2.09 -33.53 N | 95.39 -0.81 -105.46 N | 92.64 -0.68 -101.14 N | 81.94 2.86 -46.14 N | 79.51 -0.98 -92.01 N | 104.79 -1.34 -121.99 N | 135.14 -1.68 -157.73 N | 156.59 -2.15 -185.49 N | 74.40 -0.96 -86.41 N | 21.02 1.00 -7.64 N | 103.66 -0.38 -108.48 N | 41.58 0.80 -31.22 N |
| INDIAN POINT_GT_2 23659 | 54.67 0.41 -48.11 N | -161.14 -34.10 -402.70 N | 112.19 -0.43 -119.90 N | 63.85 0.20 -60.69 N | 108.33 -0.26 -112.50 N | 92.33 0.91 -78.84 N | 69.31 2.79 -29.69 N | 130.02 -10.15 -270.10 N | 125.95 1.29 -108.70 N | 132.04 0.75 -122.09 N | 113.86 0.98 -100.66 N | 72.68 0.50 -66.25 N | 59.25 2.09 -33.53 N | 95.39 -0.81 -105.46 N | 92.64 -0.68 -101.14 N | 81.94 2.86 -46.14 N | 79.51 -0.98 -92.01 N | 104.79 -1.34 -121.99 N | 135.14 -1.68 -157.73 N | 156.59 -2.15 -185.49 N | 74.40 -0.96 -86.41 N | 21.02 1.00 -7.64 N | 103.66 -0.38 -108.48 N | 41.58 0.80 -31.22 N |
| INDIAN POINT_GT_3 24019 | 54.67 0.41 -48.11 N | -161.14 -34.10 -402.70 N | 112.19 -0.43 -119.90 N | 63.85 0.20 -60.69 N | 108.33 -0.26 -112.50 N | 92.33 0.91 -78.84 N | 69.31 2.79 -29.69 N | 130.02 -10.15 -270.10 N | 125.95 1.29 -108.70 N | 132.04 0.75 -122.09 N | 113.86 0.98 -100.66 N | 72.68 0.50 -66.25 N | 59.25 2.09 -33.53 N | 95.39 -0.81 -105.46 N | 92.64 -0.68 -101.14 N | 81.94 2.86 -46.14 N | 79.51 -0.98 -92.01 N | 104.79 -1.34 -121.99 N | 135.14 -1.68 -157.73 N | 156.59 -2.15 -185.49 N | 74.40 -0.96 -86.41 N | 21.02 1.00 -7.64 N | 103.66 -0.38 -108.48 N | 41.58 0.80 -31.22 N |
| INDIAN POINT____2 23530 | 54.15 0.40 -47.59 N | -164.92 -33.57 -398.39 N | 110.91 -0.43 -118.62 N | 63.23 0.20 -60.07 N | 107.19 -0.26 -111.35 N | 91.52 0.90 -78.04 N | 68.99 2.77 -29.39 N | 127.27 -10.15 -267.35 N | 124.83 1.27 -107.59 N | 129.52 0.74 -119.58 N | 111.92 0.97 -98.73 N | 72.00 0.49 -65.57 N | 58.88 2.06 -33.19 N | 94.32 -0.80 -104.38 N | 91.62 -0.68 -100.11 N | 81.43 2.81 -45.67 N | 78.58 -0.96 -91.07 N | 103.56 -1.32 -120.74 N | 133.55 -1.65 -156.11 N | 154.73 -2.11 -183.59 N | 73.53 -0.95 -85.53 N | 20.93 0.98 -7.57 N | 102.55 -0.38 -107.37 N | 41.26 0.79 -30.90 N |
| INDIAN POINT____3 23531 | 54.68 0.39 -48.13 N | -159.35 -32.52 -402.91 N | 112.27 -0.41 -119.96 N | 63.87 0.19 -60.72 N | 108.39 -0.25 -112.55 N | 92.33 0.87 -78.88 N | 69.22 2.69 -29.70 N | 130.40 -9.89 -270.23 N | 125.95 1.24 -108.75 N | 132.15 0.72 -122.23 N | 113.93 0.95 -100.76 N | 72.69 0.48 -66.28 N | 59.19 2.01 -33.55 N | 95.46 -0.78 -105.51 N | 92.72 -0.66 -101.19 N | 81.85 2.74 -46.16 N | 79.59 -0.94 -92.05 N | 104.90 -1.28 -122.05 N | 135.28 -1.61 -157.80 N | 156.76 -2.06 -185.57 N | 74.48 -0.92 -86.45 N | 20.98 0.96 -7.65 N | 103.72 -0.37 -108.53 N | 41.57 0.77 -31.23 N |
| IP CORINTH____1 23988 | 70.27 0.35 -63.76 N | -23.52 -27.22 -533.44 N | 151.19 -0.36 -158.83 N | 85.08 0.16 -81.96 N | 147.77 -0.23 -151.91 N | 118.63 0.75 -105.31 N | 78.05 1.84 -39.38 N | 223.30 -5.04 -358.27 N | 161.07 0.80 -144.31 N | 53.82 0.59 -44.02 N | 62.84 0.75 -49.87 N | 94.42 0.42 -88.07 N | 70.01 1.81 -44.57 N | 130.21 -0.73 -140.20 N | 126.15 -0.52 -134.49 N | 96.25 1.70 -61.60 N | 112.53 -0.50 -124.56 N | 148.45 -0.83 -165.14 N | 191.56 -1.05 -213.52 N | 222.88 -1.47 -251.10 N | 105.35 -0.57 -116.98 N | 23.45 0.72 -10.35 N | 142.14 -0.27 -146.85 N | 52.32 0.48 -42.26 N |
| IP____TICONDEROGA 23804 | 68.14 0.33 -61.65 N | -37.45 -23.52 -515.81 N | 146.00 -0.30 -153.58 N | 82.24 0.14 -79.14 N | 142.60 -0.19 -146.70 N | 115.31 0.64 -102.10 N | 76.85 1.74 -38.28 N | 211.82 -6.47 -348.22 N | 157.24 1.03 -140.25 N | 59.24 0.66 -49.38 N | 66.13 0.76 -53.15 N | 91.94 0.44 -85.57 N | 68.43 1.48 -43.31 N | 126.34 -0.64 -136.24 N | 122.37 -0.51 -130.70 N | 94.77 2.04 -59.78 N | 108.04 -0.70 -120.26 N | 142.49 -1.09 -159.45 N | 183.84 -1.41 -206.16 N | 213.83 -1.86 -242.44 N | 101.31 -0.58 -112.94 N | 22.88 0.51 -9.99 N | 137.14 -0.21 -141.79 N | 50.69 0.32 -40.80 N |
| JARVIS____ 23743 | 4.91 0.00 1.25 N | -539.91 0.27 10.43 N | -10.38 0.00 3.11 N | 1.35 0.00 1.61 N | -6.89 0.00 2.98 N | 10.48 -0.01 2.08 N | 36.03 -0.02 0.78 N | -137.05 0.00 7.11 N | 13.10 0.00 2.86 N | 8.51 0.00 0.69 N | 11.36 0.00 0.86 N | 4.20 0.00 1.74 N | 22.73 -0.02 0.88 N | -12.02 0.01 2.77 N | -10.46 0.01 2.65 N | 31.73 -0.01 1.21 N | -13.95 0.00 2.43 N | -19.09 0.00 3.23 N | -25.08 0.00 4.17 N | -31.66 0.00 4.91 N | -13.33 0.00 2.29 N | 12.19 0.01 0.20 N | -7.31 0.00 2.87 N | 8.74 0.00 0.83 N |
| JENNISON____1 23625 | 23.44 0.21 -17.07 N | -405.04 -18.20 -142.91 N | 35.05 -0.23 -42.55 N | 25.01 0.11 -21.94 N | 36.61 -0.15 -40.67 N | 41.60 0.53 -28.50 N | 49.08 1.53 -10.72 N | -36.61 -4.23 -97.55 N | 56.03 0.80 -39.27 N | 22.99 0.45 -13.34 N | 27.35 0.60 -14.53 N | 30.14 0.26 -23.95 N | 36.81 1.06 -12.12 N | 28.48 -0.38 -38.12 N | 28.43 -0.32 -36.57 N | 50.83 1.21 -16.68 N | 21.27 -0.45 -33.24 N | 27.53 -0.67 -44.07 N | 35.14 -0.93 -56.98 N | 39.20 -1.06 -67.02 N | 19.73 -0.43 -31.22 N | 15.73 0.59 -2.76 N | 34.59 -0.17 -39.19 N | 21.18 0.33 -11.28 N |
| JENNISON____2 23626 | 23.44 0.20 -17.07 N | -404.47 -17.63 -142.91 N | 35.05 -0.22 -42.55 N | 25.00 0.10 -21.94 N | 36.62 -0.14 -40.67 N | 41.59 0.52 -28.50 N | 49.02 1.47 -10.72 N | -36.49 -4.10 -97.55 N | 56.01 0.77 -39.27 N | 22.97 0.44 -13.34 N | 27.33 0.58 -14.53 N | 30.13 0.25 -23.95 N | 36.78 1.03 -12.12 N | 28.49 -0.37 -38.12 N | 28.44 -0.30 -36.57 N | 50.79 1.16 -16.68 N | 21.28 -0.44 -33.24 N | 27.55 -0.65 -44.07 N | 35.18 -0.90 -56.98 N | 39.23 -1.03 -67.02 N | 19.75 -0.42 -31.22 N | 15.71 0.57 -2.76 N | 34.59 -0.16 -39.19 N | 21.17 0.32 -11.28 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 | 55.26 0.65 -48.45 N | -176.42 -52.24 -405.56 N | 112.92 -0.55 -120.75 N | 64.37 0.30 -61.11 N | 109.05 -0.32 -113.28 N | 93.29 1.33 -79.39 N | 70.81 4.08 -29.90 N | 126.55 -15.48 -271.96 N | 132.14 1.95 -114.24 N | 133.94 1.14 -123.59 N | 130.36 1.47 -116.67 N | 377.04 0.74 -370.36 N | 122.95 3.19 -96.13 N | 123.34 -1.15 -133.76 N | 124.19 -0.97 -132.98 N | 123.33 4.13 -86.25 N | 121.36 -1.40 -134.28 N | 122.45 -1.84 -140.16 N | 135.77 -2.13 -158.82 N | 157.41 -2.61 -186.77 N | 185.90 -1.39 -198.35 N | 239.88 1.27 -226.24 N | 104.26 -0.53 -109.23 N | 42.16 1.16 -31.43 N | |
| KEDC_PORT_JEFF_GT3 24211 | 55.26 0.65 -48.45 N | -176.42 -52.24 -405.56 N | 112.92 -0.55 -120.75 N | 64.37 0.30 -61.11 N | 109.05 -0.32 -113.28 N | 93.29 1.33 -79.39 N | 70.81 4.08 -29.90 N | 126.55 -15.48 -271.96 N | 132.14 1.95 -114.24 N | 133.94 1.14 -123.59 N | 130.36 1.47 -116.67 N | 377.04 0.74 -370.36 N | 122.95 3.19 -96.13 N | 123.34 -1.15 -133.76 N | 124.19 -0.97 -132.98 N | 123.33 4.13 -86.25 N | 121.36 -1.40 -134.28 N | 122.45 -1.84 -140.16 N | 135.77 -2.13 -158.82 N | 157.41 -2.61 -186.77 N | 185.90 -1.39 -198.35 N | 239.88 1.27 -226.24 N | 104.26 -0.53 -109.23 N | 42.16 1.16 -31.43 N | |
| KEDC_GLWD_GT4 24219 | 55.13 0.52 -48.45 N | -166.56 -42.38 -405.56 N | 112.98 -0.50 -120.75 N | 64.31 0.24 -61.11 N | 109.08 -0.29 -113.28 N | 93.04 1.07 -79.39 N | 70.03 3.30 -29.90 N | 129.81 -12.22 -271.96 N | 131.76 1.57 -114.24 N | 133.70 0.91 -123.59 N | 130.09 1.19 -116.67 N | 376.91 0.61 -370.36 N | 122.34 2.58 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.72 3.51 -86.25 N | 121.55 -1.20 -134.28 N | 122.66 -1.63 -140.16 N | 135.92 -1.98 -158.82 N | 157.53 -2.49 -186.77 N | 186.13 -1.17 -198.35 N | 239.80 1.19 -226.24 N | 104.33 -0.46 -109.23 N | 41.97 0.96 -31.43 N | |
| KEDC_GLWD_GT5 24220 | 55.13 0.52 -48.45 N | -166.56 -42.38 -405.56 N | 112.98 -0.50 -120.75 N | 64.31 0.24 -61.11 N | 109.08 -0.29 -113.28 N | 93.04 1.07 -79.39 N | 70.03 3.30 -29.90 N | 129.81 -12.22 -271.96 N | 131.76 1.57 -114.24 N | 133.70 0.91 -123.59 N | 130.09 1.19 -116.67 N | 376.91 0.61 -370.36 N | 122.34 2.58 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.72 3.51 -86.25 N | 121.55 -1.20 -134.28 N | 122.66 -1.63 -140.16 N | 135.92 -1.98 -158.82 N | 157.53 -2.49 -186.77 N | 186.13 -1.17 -198.35 N | 239.80 1.19 -226.24 N | 104.33 -0.46 -109.23 N | 41.97 0.96 -31.43 N | |
| KENSICO____ 23655 | 54.98 0.43 -48.39 N | -160.42 -35.75 -405.08 N | 112.88 -0.46 -120.61 N | 64.20 0.21 -61.04 N | 108.96 -0.27 -113.14 N | 92.82 0.94 -79.29 N | 69.59 2.90 -29.86 N | 131.16 -10.53 -271.63 N | 126.61 1.34 -109.32 N | 133.38 0.78 -123.40 N | 114.91 1.02 -101.66 N | 73.08 0.52 -66.62 N | 59.53 2.18 -33.72 N | 95.95 -0.85 -106.06 N | 93.19 -0.71 -101.72 N | 82.34 2.99 -46.40 N | 79.98 -1.03 -92.53 N | 105.42 -1.40 -122.68 N | 135.95 -1.76 -158.62 N | 157.54 -2.25 -186.54 N | 74.85 -1.00 -86.90 N | 21.11 1.05 -7.69 N | 104.26 -0.40 -109.10 N | 41.81 0.84 -31.39 N | |
| KIAC_JFK_GT1 23816 | 55.09 0.49 -48.44 N | -164.34 -40.10 -405.51 N | 112.95 -0.51 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.30 -113.26 N | 93.01 1.06 -79.38 N | 69.92 3.20 -29.89 N | 130.28 -11.72 -271.93 N | 126.86 1.46 -109.43 N | 133.60 0.83 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.75 2.37 -33.76 N | 96.00 -0.91 -106.17 N | 93.25 -0.77 -101.83 N | 82.61 3.21 -46.45 N | 80.10 -1.10 -92.73 N | 105.77 -1.50 -123.13 N | 136.00 -1.88 -158.79 N | 157.60 -2.39 -186.74 N | 74.86 -1.09 -87.00 N | 24.92 1.13 -11.41 N | 104.33 -0.45 -109.21 N | 41.96 0.96 -31.43 N | |
| KIAC_JFK_GT2 23817 | 55.09 0.49 -48.44 N | -164.34 -40.10 -405.51 N | 112.95 -0.51 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.30 -113.26 N | 93.01 1.06 -79.38 N | 69.92 3.20 -29.89 N | 130.28 -11.72 -271.93 N | 126.86 1.46 -109.43 N | 133.60 0.83 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.75 2.37 -33.76 N | 96.00 -0.91 -106.17 N | 93.25 -0.77 -101.83 N | 82.61 3.21 -46.45 N | 80.10 -1.10 -92.73 N | 105.77 -1.50 -123.13 N | 136.00 -1.88 -158.79 N | 157.60 -2.39 -186.74 N | 74.86 -1.09 -87.00 N | 24.92 1.13 -11.41 N | 104.33 -0.45 -109.21 N | 41.96 0.96 -31.43 N | |
| KINTIGH____ 23543 | 11.40 -0.51 -5.75 N | -442.47 39.16 -48.12 N | 7.58 0.53 -14.33 N | 10.09 -0.25 -7.39 N | 10.12 0.33 -13.70 N | 21.05 -1.16 -9.64 N | 36.81 -3.68 -3.66 N | -84.22 12.45 -33.26 N | 27.45 -1.90 -13.39 N | 11.37 -1.08 -3.25 N | 14.87 -1.38 -4.03 N | 13.42 -0.68 -8.16 N | 24.83 -2.93 -4.13 N | 4.85 1.12 -13.00 N | 5.57 0.92 -12.47 N | 34.62 -4.02 -5.69 N | 1.19 1.38 -11.34 N | 1.00 1.84 -15.03 N | 0.89 2.36 -19.43 N | -0.96 2.94 -22.85 N | 0.93 1.33 -10.64 N | 11.86 -1.46 -0.94 N | 9.46 0.54 -13.36 N | 12.43 -0.99 -3.85 N | |
| LEDERLE____ 23769 | 53.60 0.46 -46.98 N | -175.15 -38.69 -393.29 N | 109.32 -0.50 -117.10 N | 62.52 0.23 -59.34 N | 105.78 -0.30 -109.99 N | 90.70 1.03 -77.08 N | 69.02 3.16 -29.03 N | 122.69 -11.44 -264.06 N | 123.68 1.45 -106.27 N | 126.72 0.84 -116.68 N | 109.83 1.10 -96.50 N | 71.25 0.55 -64.76 N | 58.73 2.32 -32.78 N | 92.93 -0.90 -103.10 N | 90.30 -0.76 -98.88 N | 81.22 3.17 -45.10 N | 77.34 -1.09 -89.95 N | 101.90 -1.48 -119.25 N | 131.40 -1.88 -154.19 N | 152.16 -2.41 -181.33 N | 72.35 -1.07 -84.47 N | 20.98 1.13 -7.47 N | 101.18 -0.42 -106.05 N | 40.97 0.88 -30.52 N | |
| LINDEN COGEN____ 23786 | 55.03 0.43 -48.44 N | -158.71 -34.47 -405.51 N | 113.03 -0.43 -120.74 N | 64.26 0.20 -61.10 N | 109.10 -0.26 -113.26 N | 92.86 0.90 -79.38 N | 69.55 2.82 -29.89 N | 131.58 -10.41 -271.93 N | 126.70 1.31 -109.43 N | 133.53 0.76 -123.57 N | 115.02 1.00 -101.80 N | 73.13 0.51 -66.69 N | 59.57 2.18 -33.76 N | 96.07 -0.84 -106.17 N | 93.30 -0.71 -101.83 N | 82.38 2.98 -46.45 N | 80.18 -1.03 -92.73 N | 105.87 -1.40 -123.13 N | 136.13 -1.75 -158.79 N | 157.75 -2.24 -186.74 N | 74.95 -0.99 -86.99 N | 24.82 1.03 -11.41 N | 104.38 -0.40 -109.21 N | 22.63 0.85 -12.22 N | |
| LIPA_MISC_IPP 23656 | 55.29 0.68 -48.45 N | -178.83 -54.65 -405.56 N | 112.88 -0.60 -120.75 N | 64.38 0.31 -61.11 N | 109.02 -0.35 -113.28 N | 93.35 1.38 -79.39 N | 70.98 4.26 -29.90 N | 125.91 -16.12 -271.96 N | 132.27 2.07 -114.24 N | 134.00 1.21 -123.59 N | 130.46 1.56 -116.67 N | 377.08 0.79 -370.36 N | 123.12 3.36 -96.13 N | 123.26 -1.24 -133.76 N | 124.12 -1.04 -132.98 N | 123.61 4.41 -86.25 N | 121.26 -1.49 -134.28 N | 122.30 -1.99 -140.16 N | 135.56 -2.35 -158.82 N | 157.10 -2.91 -186.77 N | 185.80 -1.49 -198.35 N | 240.02 1.41 -226.24 N | 104.22 -0.57 -109.23 N | 42.21 1.21 -31.43 N | |
| LITTLE FALLS____HYD 24013 | 5.17 0.26 1.25 N | -564.19 -24.01 10.43 N | -10.72 -0.33 3.11 N | 1.49 0.14 1.61 N | -7.09 -0.19 2.98 N | 11.10 0.61 2.08 N | 37.73 1.68 0.78 N | -142.74 -5.69 7.11 N | 13.85 0.74 2.86 N | 8.94 0.43 0.69 N | 11.91 0.55 0.86 N | 4.46 0.26 1.74 N | 23.90 1.15 0.88 N | -12.47 -0.44 2.77 N | -10.84 -0.37 2.65 N | 33.27 1.53 1.21 N | -14.52 -0.57 2.43 N | -19.90 -0.80 3.23 N | -26.16 -1.07 4.17 N | -32.91 -1.24 4.91 N | -13.87 -0.53 2.29 N | 12.74 0.57 0.20 N | -7.51 -0.20 2.87 N | 9.14 0.39 0.83 N | |
| LONG_LAKE_PHOENIX 24014 | 9.91 -0.14 -3.89 N | -486.86 10.33 -32.55 N | 2.56 0.15 -9.69 N | 7.89 -0.06 -5.00 N | 5.44 0.08 -9.27 N | 18.81 -0.27 -6.50 N | 38.45 -0.83 -2.45 N | -104.65 3.00 -22.28 N | 24.60 -0.34 -8.97 N | 11.20 -0.18 -2.18 N | 14.69 -0.23 -2.70 N | 11.29 -0.11 -5.47 N | 25.94 -0.46 -2.77 N | -0.37 0.19 -8.71 N | 0.69 0.15 -8.35 N | 36.08 -0.68 -3.81 N | -3.70 0.23 -7.59 N | -5.48 0.32 -10.07 N | -7.49 0.40 -13.02 N | -10.93 0.52 -15.31 N | -3.70 0.23 -7.13 N | 12.77 -0.24 -0.63 N | 4.61 0.10 -8.95 N | 11.94 -0.20 -2.58 N | |
| LOVETT____3 | 53.67 | -167.21 | 109.79 | 62.67 | 106.16 | 90.77 | 68.64 | 125.18 | 123.79 | 127.32 | 110.21 | 71.37 | 58.50 | 93.38 | 90.72 | 80.87 | 77.78 | 102.50 | 132.18 | 153.12 | 72.78 | 20.81 | 101.57 | 40.94 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|------------------------------|
| 23632 | 0.38 -47.13 N | -32.01 -394.54 N | -0.41 -117.47 N | 0.19 -59.52 N | -0.25 -110.32 N | 0.87 -77.32 N | 2.69 -29.12 N | -9.75 -264.87 N | 1.23 -106.59 N | 0.71 -117.40 N | 0.93 -97.06 N | 0.47 -64.96 N | 1.99 -32.88 N | -0.77 -103.42 N | -0.64 -99.18 N | 2.68 -45.24 N | -0.92 -90.22 N | -1.25 -119.62 N | -1.57 -154.66 N | -2.02 -181.89 N | -0.91 -84.73 N | 0.93 -7.50 N | -0.36 -106.37 N | 0.75 -30.61 N |
| LOVETT___4 23642 | 53.73 0.42 -47.15 N | -170.59 -35.51 -394.67 N | 109.78 -0.46 -117.51 N | 62.70 0.21 -59.54 N | 106.17 -0.28 -110.36 N | 90.87 0.95 -77.34 N | 68.89 2.94 -29.13 N | 124.35 -10.67 -264.95 N | 123.93 1.34 -106.63 N | 127.46 0.78 -117.48 N | 110.36 1.02 -97.12 N | 71.43 0.51 -64.98 N | 58.68 2.16 -32.89 N | 93.35 -0.84 -103.45 N | 90.69 -0.70 -99.21 N | 81.14 2.93 -45.26 N | 77.72 -1.01 -90.25 N | 102.42 -1.37 -119.66 N | 132.07 -1.73 -154.71 N | 152.97 -2.22 -181.94 N | 72.72 -0.99 -84.76 N | 20.91 1.03 -7.50 N | 101.57 -0.39 -106.41 N | 41.01 0.82 -30.62 N |
| LOVETT___5 23593 | 53.73 0.42 -47.15 N | -170.59 -35.51 -394.67 N | 109.78 -0.46 -117.51 N | 62.70 0.21 -59.54 N | 106.17 -0.28 -110.36 N | 90.87 0.95 -77.34 N | 68.89 2.94 -29.13 N | 124.35 -10.67 -264.95 N | 123.93 1.34 -106.63 N | 127.46 0.78 -117.48 N | 110.36 1.02 -97.12 N | 71.43 0.51 -64.98 N | 58.68 2.16 -32.89 N | 93.35 -0.84 -103.45 N | 90.69 -0.70 -99.21 N | 81.14 2.93 -45.26 N | 77.72 -1.01 -90.25 N | 102.42 -1.37 -119.66 N | 132.07 -1.73 -154.71 N | 152.97 -2.22 -181.94 N | 72.72 -0.99 -84.76 N | 20.91 1.03 -7.50 N | 101.57 -0.39 -106.41 N | 41.01 0.82 -30.62 N |
| LOWER RAQUET___HYD 24057 | 3.99 -0.52 1.65 N | -493.54 50.03 13.82 N | -10.69 0.71 4.12 N | 0.53 -0.29 2.14 N | -7.49 0.38 3.96 N | 8.47 -1.35 2.76 N | 32.27 -3.53 1.04 N | -127.56 11.80 9.42 N | 10.74 -1.44 3.78 N | 7.36 -0.93 0.92 N | 9.82 -1.26 1.14 N | 2.96 -0.67 2.30 N | 19.17 -3.30 1.16 N | -11.66 1.27 3.66 N | -10.26 1.07 3.51 N | 27.10 -4.25 1.61 N | -13.22 1.53 3.23 N | -17.91 2.23 4.28 N | -24.28 2.16 5.53 N | -30.91 2.34 6.50 N | -13.00 1.08 3.03 N | 11.01 -1.09 0.27 N | -7.83 0.41 3.80 N | 7.60 -0.88 1.09 N |
| LOWER___HUDSON 24059 | 68.35 0.29 -61.90 N | -36.41 -24.54 -517.88 N | 146.59 -0.33 -154.19 N | 82.70 0.14 -79.60 N | 143.45 -0.19 -147.55 N | 116.39 0.60 -103.21 N | 77.38 1.73 -38.82 N | 217.11 -6.10 -353.15 N | 158.96 0.73 -142.26 N | 48.96 0.43 -39.32 N | 59.04 0.54 -46.27 N | 93.04 0.28 -86.83 N | 68.65 1.07 -43.95 N | 128.55 -0.42 -138.24 N | 124.43 -0.35 -132.59 N | 94.91 1.44 -60.52 N | 108.97 -0.51 -120.99 N | 143.82 -0.73 -160.42 N | 185.58 -0.92 -207.41 N | 215.97 -1.20 -243.92 N | 102.11 -0.47 -113.64 N | 22.92 0.49 -10.05 N | 138.03 -0.19 -142.65 N | 51.00 0.38 -41.05 N |
| LWR___OSWEGATCHIE_HYD 23850 | 5.83 -0.33 0.00 N | -498.11 31.64 0.00 N | -6.82 0.45 0.00 N | 2.77 -0.18 0.00 N | -3.67 0.24 0.00 N | 11.73 -0.85 0.00 N | 34.59 -2.25 0.00 N | -122.41 7.53 0.00 N | 15.10 -0.86 0.00 N | 8.66 -0.55 0.00 N | 11.49 -0.73 0.00 N | 5.53 -0.40 0.00 N | 21.60 -2.03 0.00 N | -8.48 0.79 0.00 N | -7.16 0.66 0.00 N | 30.29 -2.66 0.00 N | -10.58 0.94 0.00 N | -14.50 1.36 0.00 N | -19.60 1.31 0.00 N | -25.30 1.45 0.00 N | -10.38 0.67 0.00 N | 11.74 -0.64 0.00 N | -4.19 0.25 0.00 N | 9.03 -0.54 0.00 N |
| LYONS_FALL_HYD 23570 | 6.08 -0.07 0.00 N | -521.78 7.96 0.00 N | -7.16 0.11 0.00 N | 2.91 -0.06 0.00 N | -3.85 0.06 0.00 N | 12.36 -0.22 0.00 N | 36.26 -0.57 0.00 N | -128.11 1.82 0.00 N | 15.83 -0.13 0.00 N | 9.13 -0.07 0.00 N | 12.13 -0.10 0.00 N | 5.87 -0.07 0.00 N | 23.25 -0.38 0.00 N | -9.11 0.16 0.00 N | -7.69 0.13 0.00 N | 32.41 -0.54 0.00 N | -11.35 0.17 0.00 N | -15.62 0.25 0.00 N | -20.70 0.21 0.00 N | -26.51 0.24 0.00 N | -10.93 0.12 0.00 N | 12.29 -0.08 0.00 N | -4.39 0.05 0.00 N | 9.44 -0.13 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | 2.53 -0.25 3.38 N | -532.65 25.41 28.32 N | -15.41 0.29 8.43 N | -1.56 -0.15 4.37 N | -11.79 0.21 8.09 N | 6.21 -0.72 5.65 N | 32.90 -1.80 2.13 N | -143.29 5.97 19.33 N | 7.52 -0.67 7.77 N | 6.92 -0.40 1.88 N | 9.34 -0.55 2.34 N | 0.92 -0.28 4.73 N | 19.89 -1.34 2.39 N | -16.29 0.51 7.53 N | -14.57 0.47 7.22 N | 28.05 -1.61 3.30 N | -17.53 0.59 6.61 N | -23.72 0.91 8.76 N | -31.20 1.04 11.33 N | -38.87 1.20 13.32 N | -16.73 0.52 6.20 N | 11.28 -0.54 0.55 N | -12.02 0.21 7.79 N | 6.85 -0.48 2.24 N |
| MAPLE_RIDGE_WT_2 323611 | 2.53 -0.25 3.38 N | -532.65 25.41 28.32 N | -15.41 0.29 8.43 N | -1.56 -0.15 4.37 N | -11.79 0.21 8.09 N | 6.21 -0.72 5.65 N | 32.90 -1.80 2.13 N | -143.29 5.97 19.33 N | 7.52 -0.67 7.77 N | 6.92 -0.40 1.88 N | 9.34 -0.55 2.34 N | 0.92 -0.28 4.73 N | 19.89 -1.34 2.39 N | -16.29 0.51 7.53 N | -14.57 0.47 7.22 N | 28.05 -1.61 3.30 N | -17.53 0.59 6.61 N | -23.72 0.91 8.76 N | -31.20 1.04 11.33 N | -38.87 1.20 13.32 N | -16.73 0.52 6.20 N | 11.28 -0.54 0.55 N | -12.02 0.21 7.79 N | 6.85 -0.48 2.24 N |
| MG INDUSTRY___DRP 24185 | 67.24 0.18 -60.90 N | -36.96 -16.66 -509.44 N | 144.17 -0.23 -151.68 N | 81.42 0.10 -78.36 N | 141.21 -0.13 -145.25 N | 114.84 0.42 -101.84 N | 76.45 1.26 -38.36 N | 214.49 -4.56 -348.98 N | 157.05 0.49 -140.60 N | 43.58 0.22 -34.16 N | 54.90 0.28 -42.40 N | 91.91 0.14 -85.84 N | 67.69 0.60 -43.45 N | 127.15 -0.23 -136.65 N | 123.05 -0.19 -131.06 N | 93.57 0.84 -59.77 N | 107.33 -0.29 -119.14 N | 141.69 -0.40 -157.96 N | 182.83 -0.49 -204.23 N | 212.79 -0.64 -240.18 N | 100.55 -0.29 -111.89 N | 22.57 0.29 -9.90 N | 135.91 -0.12 -140.47 N | 50.28 0.28 -40.42 N |
| MID___OSWEGATCHIE_HYD 23849 | 5.83 -0.33 0.00 N | -498.11 31.64 0.00 N | -6.82 0.45 0.00 N | 2.77 -0.18 0.00 N | -3.67 0.24 0.00 N | 11.73 -0.85 0.00 N | 34.59 -2.25 0.00 N | -122.41 7.53 0.00 N | 15.10 -0.86 0.00 N | 8.66 -0.55 0.00 N | 11.49 -0.73 0.00 N | 5.53 -0.40 0.00 N | 21.60 -2.03 0.00 N | -8.48 0.79 0.00 N | -7.16 0.66 0.00 N | 30.29 -2.66 0.00 N | -10.58 0.94 0.00 N | -14.50 1.36 0.00 N | -19.60 1.31 0.00 N | -25.30 1.45 0.00 N | -10.38 0.67 0.00 N | 11.74 -0.64 0.00 N | -4.19 0.25 0.00 N | 9.03 -0.54 0.00 N |
| MID___RAQUETTE_HYD 23851 | 3.99 -0.52 1.65 N | -493.54 50.03 13.82 N | -10.69 0.71 4.12 N | 0.53 -0.29 2.14 N | -7.49 0.38 3.96 N | 8.47 -1.35 2.76 N | 32.27 -3.53 1.04 N | -127.56 11.80 9.42 N | 10.74 -1.44 3.78 N | 7.36 -0.93 0.92 N | 9.82 -1.26 1.14 N | 2.96 -0.67 2.30 N | 19.17 -3.30 1.16 N | -11.66 1.27 3.66 N | -10.26 1.07 3.51 N | 27.10 -4.25 1.61 N | -13.22 1.53 3.23 N | -17.91 2.23 4.28 N | -24.28 2.16 5.53 N | -30.91 2.34 6.50 N | -13.00 1.08 3.03 N | 11.01 -1.09 0.27 N | -7.83 0.41 3.80 N | 7.60 -0.88 1.09 N |
| MILLIKEN___1 23584 | 14.02 -0.13 -8.00 N | -451.34 11.48 -66.93 N | 12.82 0.17 -19.93 N | 13.16 -0.08 -10.28 N | 15.22 0.08 -19.05 N | 25.67 -0.26 -13.35 N | 40.80 -1.06 -5.03 N | -80.26 3.97 -45.70 N | 34.16 -0.20 -18.40 N | 13.58 -0.09 -4.46 N | 17.64 -0.12 -5.54 N | 17.07 -0.08 -11.22 N | 28.93 -0.38 -5.68 N | 8.76 0.16 -17.86 N | 9.44 0.13 -17.13 N | 39.69 -1.07 -7.81 N | 4.25 0.19 -15.57 N | 5.04 0.26 -20.65 N | 6.08 0.29 -26.70 N | 5.06 0.42 -31.40 N | 3.79 0.21 -14.63 N | 13.52 -0.15 -1.29 N | 14.04 0.12 -18.36 N | 14.60 -0.26 -5.28 N |
| MILLIKEN___2 23585 | 14.02 -0.13 -8.00 N | -451.34 11.48 -66.93 N | 12.82 0.17 -19.93 N | 13.16 -0.08 -10.28 N | 15.22 0.08 -19.05 N | 25.67 -0.26 -13.35 N | 40.80 -1.06 -5.03 N | -80.26 3.97 -45.70 N | 34.16 -0.20 -18.40 N | 13.58 -0.09 -4.46 N | 17.64 -0.12 -5.54 N | 17.07 -0.08 -11.22 N | 28.93 -0.38 -5.68 N | 8.76 0.16 -17.86 N | 9.44 0.13 -17.13 N | 39.69 -1.07 -7.81 N | 4.25 0.19 -15.57 N | 5.04 0.26 -20.65 N | 6.08 0.29 -26.70 N | 5.06 0.42 -31.40 N | 3.79 0.21 -14.63 N | 13.52 -0.15 -1.29 N | 14.04 0.12 -18.36 N | 14.60 -0.26 -5.28 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|
| MILLIKEN___DIESEL 232629 | 14.02 -0.13 -8.00 N | -451.34 11.48 -66.93 N | 12.82 0.17 -19.93 N | 13.16 -0.08 -10.28 N | 15.22 0.08 -19.05 N | 25.67 -0.26 -13.35 N | 40.80 -1.06 -5.03 N | -80.26 3.97 -45.70 N | 34.16 -0.20 -18.40 N | 13.58 -0.09 -4.46 N | 17.64 -0.12 -5.54 N | 17.07 -0.08 -11.22 N | 28.93 -0.38 -5.68 N | 8.76 0.16 -17.86 N | 9.44 0.13 -17.13 N | 39.69 -1.07 -7.81 N | 4.25 0.19 -15.57 N | 5.04 0.26 -20.65 N | 6.08 0.29 -26.70 N | 5.06 0.42 -31.40 N | 3.79 0.21 -14.63 N | 13.52 -0.15 -1.29 N | 14.04 0.12 -18.36 N | 14.60 -0.26 -5.28 N |
| MILLSEAT___LFGE 323607 | 12.16 -0.33 -6.34 N | -453.03 23.68 -53.03 N | 8.85 0.33 -15.79 N | 10.93 -0.17 -8.14 N | 11.41 0.22 -15.09 N | 22.39 -0.81 -10.62 N | 38.19 -2.68 -4.03 N | -83.90 9.34 -36.69 N | 29.24 -1.49 -14.77 N | 11.96 -0.83 -3.58 N | 15.62 -1.05 -4.45 N | 14.42 -0.52 -9.01 N | 25.87 -2.32 -4.56 N | 5.95 0.88 -14.34 N | 6.64 0.71 -13.75 N | 36.06 -3.17 -6.27 N | 2.07 1.09 -12.50 N | 2.14 1.44 -16.58 N | 2.33 1.81 -21.43 N | 0.68 2.23 -25.21 N | 1.76 1.07 -11.74 N | 12.29 -1.13 -1.04 N | 10.73 0.43 -14.74 N | 13.08 -0.73 -4.24 N |
| MODEL_CITY_ENERGY 24167 | 12.44 -0.43 -6.71 N | -442.16 31.39 -56.20 N | 9.89 0.44 -16.73 N | 11.37 -0.22 -8.63 N | 12.37 0.28 -16.00 N | 22.83 -1.01 -11.26 N | 37.81 -3.30 -4.28 N | -79.46 11.54 -38.93 N | 29.78 -1.86 -15.68 N | 11.95 -1.06 -3.80 N | 15.60 -1.35 -4.72 N | 14.83 -0.67 -9.56 N | 25.55 -2.92 -4.84 N | 7.05 1.11 -15.21 N | 7.67 0.90 -14.59 N | 35.63 -3.97 -6.66 N | 3.11 1.36 -13.26 N | 3.52 1.80 -17.59 N | 4.12 2.29 -22.74 N | 2.82 2.83 -26.74 N | 2.73 1.32 -12.46 N | 12.05 -1.43 -1.10 N | 11.73 0.53 -15.64 N | 13.16 -0.91 -4.50 N |
| MODERN_LFGE___ 323580 | 12.44 -0.43 -6.71 N | -442.16 31.39 -56.20 N | 9.89 0.44 -16.73 N | 11.37 -0.22 -8.63 N | 12.37 0.28 -16.00 N | 22.83 -1.01 -11.26 N | 37.81 -3.30 -4.28 N | -79.46 11.54 -38.93 N | 29.78 -1.86 -15.68 N | 11.95 -1.06 -3.80 N | 15.60 -1.35 -4.72 N | 14.83 -0.67 -9.56 N | 25.55 -2.92 -4.84 N | 7.05 1.11 -15.21 N | 7.67 0.90 -14.59 N | 35.63 -3.97 -6.66 N | 3.11 1.36 -13.26 N | 3.52 1.80 -17.59 N | 4.12 2.29 -22.74 N | 2.82 2.83 -26.74 N | 2.73 1.32 -12.46 N | 12.05 -1.43 -1.10 N | 11.73 0.53 -15.64 N | 13.16 -0.91 -4.50 N |
| MOHAWK_PAPER___DRP 24187 | 68.86 0.25 -62.45 N | -28.96 -21.67 -522.45 N | 147.99 -0.29 -155.56 N | 83.42 0.12 -80.34 N | 144.84 -0.16 -148.91 N | 117.49 0.53 -104.38 N | 77.68 1.54 -39.31 N | 222.11 -5.59 -357.63 N | 160.67 0.64 -144.07 N | 44.56 0.37 -34.99 N | 56.13 0.48 -43.44 N | 94.11 0.24 -87.95 N | 69.07 0.93 -44.51 N | 130.38 -0.36 -140.00 N | 126.17 -0.30 -134.28 N | 95.49 1.29 -61.25 N | 110.15 -0.46 -122.13 N | 145.42 -0.63 -161.92 N | 187.65 -0.79 -209.35 N | 218.43 -1.02 -246.20 N | 103.23 -0.41 -114.69 N | 22.96 0.44 -10.15 N | 139.38 -0.17 -143.99 N | 51.36 0.36 -41.43 N |
| MONGAUP___HYD 23641 | 51.09 0.40 -44.53 N | -190.64 -33.70 -372.81 N | 103.28 -0.44 -111.00 N | 59.50 0.20 -56.35 N | 100.28 -0.26 -104.45 N | 86.67 0.89 -73.20 N | 67.10 2.71 -27.57 N | 111.09 -9.75 -250.77 N | 118.13 1.26 -100.92 N | 115.74 0.73 -105.81 N | 101.28 0.97 -88.10 N | 67.89 0.46 -61.50 N | 56.56 1.80 -31.13 N | 87.92 -0.72 -97.90 N | 85.48 -0.60 -93.89 N | 78.47 2.69 -42.83 N | 72.97 -0.92 -85.41 N | 96.11 -1.27 -113.24 N | 123.87 -1.63 -146.41 N | 143.34 -2.09 -172.18 N | 68.24 -0.92 -80.21 N | 20.46 0.98 -7.10 N | 95.89 -0.37 -100.70 N | 39.30 0.75 -28.98 N |
| MONTAUK___DIESEL 23721 | 55.58 0.97 -48.45 N | -202.67 -78.49 -405.56 N | 112.55 -0.93 -120.75 N | 64.52 0.45 -61.11 N | 108.84 -0.53 -113.28 N | 93.95 1.98 -79.39 N | 72.80 6.07 -29.90 N | 119.43 -22.60 -271.96 N | 133.24 3.04 -114.24 N | 134.62 1.82 -123.59 N | 131.28 2.38 -116.67 N | 377.47 1.18 -370.36 N | 124.66 4.90 -96.13 N | 122.66 -1.84 -133.76 N | 123.63 -1.53 -132.98 N | 125.71 6.50 -86.25 N | 120.53 -2.22 -134.28 N | 121.29 -3.00 -140.16 N | 134.21 -3.69 -158.82 N | 155.37 -4.65 -186.77 N | 185.06 -2.23 -198.35 N | 240.85 2.23 -226.24 N | 103.96 -0.83 -109.23 N | 42.72 1.72 -31.43 N |
| MUNSVILLE_WIND_PWR 323609 | 20.87 0.25 -14.46 N | -429.64 -20.94 -121.04 N | 28.50 -0.27 -36.04 N | 21.66 0.11 -18.58 N | 30.37 -0.17 -34.45 N | 37.30 0.58 -24.14 N | 47.60 1.69 -9.08 N | -52.56 -5.24 -82.62 N | 50.29 1.07 -33.26 N | 21.10 0.61 -11.29 N | 25.32 0.81 -12.30 N | 26.55 0.34 -20.28 N | 35.18 1.28 -10.27 N | 22.58 -0.45 -32.29 N | 22.79 -0.36 -30.97 N | 48.27 1.20 -14.12 N | 16.12 -0.51 -28.15 N | 20.62 -0.84 -37.33 N | 26.18 -1.18 -48.26 N | 28.72 -1.28 -56.76 N | 14.86 -0.53 -26.44 N | 15.46 0.74 -2.34 N | 28.57 -0.19 -33.19 N | 19.42 0.30 -9.55 N |
| N SALMON___HYD 24042 | 3.43 -0.54 2.18 N | -491.47 56.58 18.30 N | -11.92 0.81 5.45 N | -0.19 -0.33 2.82 N | -8.71 0.43 5.23 N | 7.41 -1.52 3.65 N | 31.48 -3.97 1.37 N | -129.31 13.10 12.48 N | 9.35 -1.59 5.02 N | 6.97 -1.02 1.21 N | 9.36 -1.36 1.51 N | 2.22 -0.66 3.05 N | 18.95 -3.14 1.54 N | -12.92 1.20 4.86 N | -11.45 1.02 4.66 N | 26.77 -4.05 2.13 N | -14.30 1.49 4.27 N | -19.33 2.20 5.66 N | -25.86 2.37 7.32 N | -32.80 2.56 8.61 N | -13.87 1.19 4.01 N | 10.80 -1.22 0.36 N | -9.02 0.45 5.03 N | 7.15 -0.97 1.45 N |
| N.E_GEN_SANDY PD 24062 | 42.65 0.33 -35.54 N | -69.83 -22.48 -482.40 N | 136.05 -0.30 -143.63 N | 76.81 0.13 -73.71 N | 132.55 -0.18 -136.63 N | 108.87 0.60 -95.68 N | 74.60 1.75 -36.02 N | 191.21 -6.50 -327.64 N | 148.67 0.78 -131.92 N | 76.68 0.46 -64.58 N | 77.36 0.56 -80.47 N | 86.69 0.29 -40.73 N | 65.48 1.12 -128.12 N | 118.40 -0.46 -122.93 N | 114.73 -0.38 -122.93 N | 90.65 1.61 -56.09 N | 99.88 -0.56 -111.97 N | 131.79 -0.80 -148.45 N | 170.03 -1.00 -191.94 N | 197.68 -1.29 -225.72 N | 93.59 -0.52 -105.16 N | 102.00 -1.05 -124.88 N | 127.37 -0.20 -132.01 N | 47.96 0.40 -37.99 N |
| NARROWS_GT1_1 24228 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| NARROWS_GT1_2 24229 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| NARROWS_GT1_3 24230 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| NARROWS_GT1_4 24231 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 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 |
| NARROWS_GT1_5 24232 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT1_6 24233 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT1_7 24234 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT1_8 24235 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_1 24236 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_2 24237 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_3 24238 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_4 24239 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_5 24240 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_6 24241 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_7 24242 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NARROWS_GT2_8 24243 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | |
| NEG CAPITAL___MECHNVIL 23645 | 68.63 0.31 -62.16 N | -35.34 -25.63 -520.03 N | 147.22 -0.34 -154.83 N | 83.03 0.15 -79.92 N | 144.03 -0.20 -148.14 N | 116.72 0.67 -103.47 N | 77.61 1.89 -38.89 N | 217.18 -6.62 -353.73 N | 159.29 0.84 -142.49 N | 50.01 0.53 -40.28 N | 59.86 0.66 -46.98 N | 93.24 0.34 -86.97 N | 68.96 1.31 -44.02 N | 128.68 -0.52 -138.46 N | 124.57 -0.41 -132.81 N | 95.29 1.68 -60.66 N | 109.38 -0.58 -121.48 N | 144.34 -0.86 -161.07 N | 186.26 -1.08 -208.25 N | 216.74 -1.41 -244.90 N | 102.49 -0.55 -114.09 N | 23.06 0.59 -10.09 N | 138.57 -0.22 -143.23 N | 51.22 0.43 -41.22 N | |
| NEG CENTRAL_HIGH_ACRES | 10.87 | -459.91 | 5.68 | 9.27 | 8.35 | 20.22 | 37.52 | -92.27 | 26.48 | 11.38 | 14.90 | 12.66 | 25.45 | 2.80 | 3.65 | 35.40 | -0.74 | -1.56 | -2.41 | -4.89 | -0.90 | 12.29 | 7.60 | 12.25 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------|------------------------------|---------------------------------|------------------------------|
| 23767 | -0.34 -5.05 N | 27.57 -42.26 N | 0.38 -12.58 N | -0.18 -6.49 N | 0.23 -12.03 N | -0.81 -8.45 N | -2.51 -3.20 N | 8.57 -29.09 N | -1.19 -11.71 N | -0.66 -2.84 N | -0.85 -3.53 N | -0.42 -7.14 N | -1.80 -3.61 N | 0.69 -11.37 N | 0.56 -10.91 N | -2.52 -4.97 N | 0.87 -9.92 N | 1.17 -13.14 N | 1.51 -17.00 N | 1.88 -19.99 N | 0.84 -9.31 N | -0.91 -0.82 N | 0.35 -11.69 N | -0.68 -3.36 N |
| NEG CENTRAL____DRP 24199 | 11.86 -0.09 -5.78 N | -474.30 7.03 -48.41 N | 7.25 0.12 -14.41 N | 10.34 -0.05 -7.43 N | 9.93 0.06 -13.78 N | 22.07 -0.18 -9.67 N | 39.81 -0.66 -3.65 N | -93.75 3.03 -33.16 N | 29.02 -0.30 -13.35 N | 12.29 -0.15 -3.24 N | 16.05 -0.19 -4.02 N | 13.97 -0.11 -8.14 N | 27.30 -0.45 -4.12 N | 3.88 0.19 -12.96 N | 4.75 0.14 -12.43 N | 37.89 -0.73 -5.67 N | 0.00 0.23 -11.30 N | -0.58 0.30 -14.98 N | -1.19 0.35 -19.37 N | -3.49 0.48 -22.78 N | -0.18 0.26 -10.61 N | 13.10 -0.22 -0.94 N | 9.00 0.12 -13.32 N | 13.21 -0.20 -3.83 N |
| NEG CENTRAL____INDECK 23768 | 13.73 -0.07 -7.64 N | -461.46 4.31 -63.98 N | 11.87 0.09 -19.05 N | 12.73 -0.06 -9.83 N | 14.38 0.07 -18.21 N | 25.12 -0.23 -12.78 N | 40.79 -0.86 -4.82 N | -82.02 4.07 -43.85 N | 33.11 -0.50 -17.65 N | 13.23 -0.26 -4.28 N | 17.22 -0.32 -5.32 N | 16.52 -0.18 -10.76 N | 28.29 -0.79 -5.45 N | 8.19 0.31 -17.14 N | 8.86 0.24 -16.44 N | 39.31 -1.14 -7.50 N | 3.82 0.39 -14.94 N | 4.45 0.51 -19.81 N | 5.30 0.59 -25.62 N | 4.15 0.77 -30.13 N | 3.42 0.44 -14.04 N | 13.25 -0.36 -1.24 N | 13.35 0.17 -17.62 N | 14.41 -0.23 -5.07 N |
| NEG CENTRAL____SENECA 23627 | 12.42 -0.10 -6.37 N | -468.17 8.24 -53.33 N | 8.74 0.14 -15.88 N | 11.09 -0.06 -8.19 N | 11.34 0.07 -15.18 N | 23.02 -0.21 -10.65 N | 40.10 -0.75 -4.02 N | -89.72 3.68 -36.53 N | 30.30 -0.37 -14.70 N | 12.58 -0.19 -3.57 N | 16.40 -0.25 -4.43 N | 14.76 -0.14 -8.97 N | 27.60 -0.57 -4.54 N | 5.25 0.24 -14.28 N | 6.06 0.19 -13.69 N | 38.30 -0.90 -6.25 N | 1.22 0.29 -12.45 N | 1.03 0.39 -16.50 N | 0.90 0.47 -21.34 N | -1.02 0.64 -25.10 N | 0.98 0.34 -11.69 N | 13.12 -0.29 -1.03 N | 10.38 0.14 -14.68 N | 13.55 -0.24 -4.22 N |
| NEG CENTRAL____STATE_STREET 24147 | 11.89 -0.02 -5.74 N | -480.37 1.32 -48.05 N | 7.06 0.03 -14.31 N | 10.32 -0.02 -7.38 N | 9.78 0.01 -13.67 N | 22.13 -0.04 -9.59 N | 40.18 -0.27 -3.62 N | -95.68 1.35 -32.90 N | 29.18 -0.02 -13.25 N | 12.43 0.01 -3.21 N | 16.23 0.02 -3.99 N | 14.00 -0.01 -8.08 N | 27.62 -0.10 -4.09 N | 3.64 0.04 -12.86 N | 4.54 0.02 -12.33 N | 38.25 -0.33 -5.63 N | -0.27 0.05 -11.21 N | -0.94 0.06 -14.87 N | -1.66 0.03 -19.22 N | -4.07 0.07 -22.60 N | -0.44 0.08 -10.53 N | 13.30 -0.01 -0.93 N | 8.83 0.05 -13.22 N | 13.28 -0.09 -3.81 N |
| NEG MILLWOOD____DRP 24198 | 56.33 0.44 -49.74 N | -150.24 -36.93 -416.43 N | 116.24 -0.47 -123.99 N | 66.09 0.21 -62.92 N | 112.44 -0.28 -116.63 N | 95.28 0.96 -81.74 N | 70.59 2.98 -30.78 N | 139.30 -10.79 -280.03 N | 130.02 1.39 -112.66 N | 128.37 0.81 -118.36 N | 111.80 1.07 -98.51 N | 75.11 0.54 -68.64 N | 60.62 2.25 -34.74 N | 99.11 -0.87 -109.25 N | 96.19 -0.74 -104.75 N | 83.81 3.08 -47.78 N | 82.70 -1.06 -95.28 N | 109.01 -1.45 -126.33 N | 140.57 -1.85 -163.34 N | 162.97 -2.37 -192.09 N | 77.39 -1.04 -89.49 N | 21.39 1.10 -7.92 N | 107.49 -0.41 -112.34 N | 42.75 0.85 -32.33 N |
| NEG NORTH_FLCN_SEA 23793 | 3.03 -0.69 2.44 N | -481.63 68.59 20.47 N | -12.38 0.99 6.10 N | -0.60 -0.40 3.16 N | -9.24 0.53 5.86 N | 6.64 -1.85 4.09 N | 30.37 -4.93 1.54 N | -127.68 16.21 13.96 N | 8.31 -2.04 5.61 N | 6.55 -1.29 1.36 N | 8.82 -1.71 1.69 N | 1.71 -0.80 3.42 N | 18.23 -3.67 1.73 N | -13.31 1.40 5.44 N | -11.85 1.18 5.22 N | 25.84 -4.73 2.38 N | -14.55 1.75 4.78 N | -19.61 2.60 6.33 N | -26.10 3.00 8.19 N | -32.99 3.39 9.63 N | -14.01 1.52 4.49 N | 10.38 -1.60 0.40 N | -9.50 0.58 5.63 N | 6.72 -1.23 1.62 N |
| NEG NORTH_KES_CHATEGAY 23792 | 3.16 -0.62 2.38 N | -485.52 64.14 19.92 N | -12.29 0.92 5.93 N | -0.49 -0.37 3.08 N | -9.12 0.49 5.70 N | 6.89 -1.72 3.98 N | 30.78 -4.55 1.49 N | -128.48 15.04 13.59 N | 8.61 -1.89 5.46 N | 6.68 -1.20 1.32 N | 8.98 -1.60 1.64 N | 1.85 -0.75 3.32 N | 18.48 -3.47 1.68 N | -13.23 1.33 5.29 N | -11.77 1.12 5.07 N | 26.18 -4.45 2.32 N | -14.53 1.64 4.65 N | -19.61 2.42 6.16 N | -26.10 2.78 7.97 N | -33.05 3.08 9.37 N | -14.02 1.40 4.36 N | 10.53 -1.47 0.39 N | -9.39 0.53 5.48 N | 6.85 -1.14 1.58 N |
| NEG NORTH____ALICE_FALLS 23915 | 3.11 -0.62 2.43 N | -487.70 62.44 20.39 N | -12.45 0.90 6.07 N | -0.55 -0.36 3.15 N | -9.26 0.48 5.83 N | 6.82 -1.69 4.07 N | 30.84 -4.46 1.53 N | -129.19 14.66 13.91 N | 8.54 -1.83 5.59 N | 6.68 -1.16 1.35 N | 8.99 -1.55 1.68 N | 1.80 -0.73 3.40 N | 18.55 -3.36 1.72 N | -13.40 1.28 5.42 N | -11.93 1.08 5.19 N | 26.26 -4.32 2.37 N | -14.68 1.60 4.76 N | -19.78 2.40 6.31 N | -26.34 2.73 8.16 N | -33.31 3.04 9.59 N | -14.14 1.38 4.47 N | 10.54 -1.44 0.39 N | -9.53 0.52 5.61 N | 6.83 -1.12 1.62 N |
| NEG NORTH____LWR_SARANAC 23913 | 3.11 -0.62 2.43 N | -487.70 62.44 20.40 N | -12.45 0.90 6.07 N | -0.55 -0.36 3.15 N | -9.26 0.48 5.83 N | 6.82 -1.69 4.07 N | 30.84 -4.46 1.53 N | -129.19 14.66 13.91 N | 8.54 -1.83 5.59 N | 6.68 -1.16 1.35 N | 8.99 -1.55 1.68 N | 1.80 -0.73 3.40 N | 18.54 -3.36 1.72 N | -13.40 1.28 5.42 N | -11.93 1.08 5.19 N | 26.26 -4.32 2.37 N | -14.68 1.60 4.76 N | -19.78 2.40 6.31 N | -26.34 2.73 8.16 N | -33.31 3.04 9.59 N | -14.14 1.38 4.47 N | 10.54 -1.44 0.39 N | -9.53 0.52 5.61 N | 6.83 -1.12 1.62 N |
| NEG NORTH____PLATTSBURG 23628 | 3.11 -0.62 2.43 N | -487.70 62.44 20.39 N | -12.45 0.90 6.07 N | -0.55 -0.36 3.15 N | -9.26 0.48 5.83 N | 6.82 -1.69 4.07 N | 30.84 -4.46 1.53 N | -129.19 14.66 13.91 N | 8.54 -1.83 5.59 N | 6.68 -1.16 1.35 N | 8.99 -1.55 1.68 N | 1.80 -0.73 3.40 N | 18.55 -3.36 1.72 N | -13.40 1.28 5.42 N | -11.93 1.08 5.19 N | 26.26 -4.32 2.37 N | -14.68 1.60 4.76 N | -19.78 2.40 6.31 N | -26.34 2.73 8.16 N | -33.31 3.04 9.59 N | -14.14 1.38 4.47 N | 10.54 -1.44 0.39 N | -9.53 0.52 5.61 N | 6.83 -1.12 1.62 N |
| NEG WEST_LEA_LOCKPORT 23791 | 12.37 -0.41 -6.62 N | -444.51 29.82 -55.41 N | 9.64 0.42 -16.50 N | 11.26 -0.21 -8.51 N | 12.14 0.27 -15.77 N | 22.72 -0.97 -11.10 N | 37.87 -3.18 -4.22 N | -80.28 11.29 -38.36 N | 29.61 -1.80 -15.45 N | 11.92 -1.02 -3.75 N | 15.57 -1.30 -4.65 N | 14.71 -0.64 -9.42 N | 25.57 -2.83 -4.77 N | 6.80 1.07 -14.99 N | 7.43 0.87 -14.38 N | 35.67 -3.84 -6.56 N | 2.87 1.32 -13.07 N | 3.22 1.75 -17.33 N | 3.72 2.22 -22.41 N | 2.34 2.74 -26.36 N | 2.51 1.29 -12.28 N | 12.07 -1.39 -1.09 N | 11.49 0.51 -15.42 N | 13.13 -0.88 -4.44 N |
| NEG WEST____LANCASTER 23811 | 14.13 -0.36 -8.33 N | -433.70 26.29 -69.76 N | 13.90 0.40 -20.77 N | 13.52 -0.15 -10.71 N | 16.16 0.21 -19.86 N | 25.90 -0.63 -13.95 N | 39.92 -2.19 -5.28 N | -71.83 10.06 -48.05 N | 34.03 -1.29 -19.36 N | 13.11 -0.79 -4.70 N | 17.03 -1.02 -5.83 N | 17.22 -0.52 -11.80 N | 27.54 -2.06 -5.97 N | 10.32 0.82 -18.77 N | 10.85 0.66 -18.00 N | 38.26 -2.90 -8.21 N | 5.87 1.03 -16.37 N | 7.21 1.38 -21.70 N | 8.86 1.71 -28.06 N | 8.50 2.26 -33.00 N | 5.38 1.06 -15.37 N | 12.71 -1.03 -1.36 N | 15.26 0.40 -19.30 N | 14.45 -0.67 -5.55 N |
| NEG PENN_ALLEGHNY 23528 | 23.04 0.05 -16.83 N | -393.29 -4.44 -140.89 N | 34.65 -0.03 -41.95 N | 24.63 0.04 -21.63 N | 36.15 -0.05 -40.10 N | 40.89 0.23 -28.08 N | 47.97 0.58 -10.56 N | -34.20 -0.34 -96.07 N | 54.84 0.20 -38.68 N | 22.25 0.09 -12.96 N | 26.52 0.12 -14.18 N | 29.56 0.04 -23.58 N | 35.86 0.29 -11.94 N | 28.19 -0.08 -37.54 N | 28.11 -0.08 -36.01 N | 49.71 0.33 -16.42 N | 21.12 -0.10 -32.74 N | 27.40 -0.14 -43.41 N | 35.00 -0.21 -56.13 N | 39.09 -0.17 -66.01 N | 19.65 -0.05 -30.75 N | 15.24 0.15 -2.72 N | 34.14 -0.03 -38.60 N | 20.79 0.11 -11.11 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|-----------------------------------|---------------------------------|-------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| NEG__GEN_MONROE 24207 | 11.42 -0.24 -5.50 N | -466.00 17.70 -46.05 N | 6.68 0.25 -13.71 N | 9.90 -0.13 -7.07 N | 9.37 0.17 -13.10 N | 21.19 -0.61 -9.22 N | 38.36 -1.97 -3.49 N | -91.41 6.75 -31.76 N | 27.72 -1.03 -12.79 N | 11.75 -0.56 -3.10 N | 15.38 -0.70 -3.85 N | 13.38 -0.35 -7.80 N | 26.01 -1.57 -3.95 N | 3.75 0.60 -12.41 N | 4.57 0.48 -11.91 N | 36.20 -2.18 -5.43 N | 0.05 0.75 -10.83 N | -0.52 0.99 -14.35 N | -1.11 1.25 -18.56 N | -3.39 1.54 -21.82 N | -0.15 0.73 -10.17 N | 12.51 -0.77 -0.90 N | 8.63 0.31 -12.76 N | 12.70 -0.54 -3.67 N |
| NEPA__ENERGY 23901 | 15.54 -0.30 -9.68 N | -424.99 23.71 -81.05 N | 17.27 0.41 -24.13 N | 15.29 -0.11 -12.44 N | 19.32 0.16 -23.07 N | 28.39 -0.30 -16.11 N | 41.66 -1.20 -6.02 N | -66.17 8.96 -54.80 N | 37.19 -0.83 -22.06 N | 13.97 -0.59 -5.35 N | 18.06 -0.80 -6.64 N | 18.96 -0.43 -13.45 N | 29.00 -1.44 -6.81 N | 12.77 0.62 -21.42 N | 13.22 0.50 -20.54 N | 40.20 -2.13 -9.37 N | 7.94 0.78 -18.68 N | 9.97 1.07 -24.76 N | 12.39 1.29 -32.02 N | 12.78 1.88 -37.66 N | 7.38 0.89 -17.54 N | 13.17 -0.75 -1.55 N | 17.89 0.31 -22.02 N | 15.42 -0.49 -6.34 N |
| NEVERSINK__HYD 23608 | 48.48 0.29 -42.03 N | -202.35 -24.61 -352.01 N | 97.19 -0.34 -104.81 N | 56.58 0.15 -53.47 N | 95.00 -0.20 -99.11 N | 82.72 0.68 -69.46 N | 65.05 2.06 -26.16 N | 100.75 -7.27 -237.95 N | 112.64 1.00 -95.68 N | 97.55 0.56 -87.79 N | 87.58 0.74 -74.62 N | 64.53 0.35 -58.24 N | 54.59 1.48 -29.48 N | 82.89 -0.56 -92.71 N | 80.62 -0.47 -88.90 N | 75.45 1.95 -40.55 N | 68.67 -0.68 -80.87 N | 90.41 -0.94 -107.22 N | 116.51 -1.20 -138.62 N | 134.74 -1.53 -163.02 N | 64.21 -0.68 -75.95 N | 19.83 0.73 -6.72 N | 90.63 -0.27 -95.34 N | 37.55 0.54 -27.44 N |
| NEWTON__FALLS_HYD 23847 | 5.83 -0.33 0.00 N | -498.11 31.64 0.00 N | -6.82 0.45 0.00 N | 2.77 -0.18 0.00 N | -3.67 0.24 0.00 N | 11.73 -0.85 0.00 N | 34.59 -2.25 0.00 N | -122.41 7.53 0.00 N | 15.10 -0.86 0.00 N | 8.66 -0.55 0.00 N | 11.49 -0.73 0.00 N | 5.53 -0.40 0.00 N | 21.60 -2.03 0.00 N | -8.48 0.79 0.00 N | -7.16 0.66 0.00 N | 30.29 -2.66 0.00 N | -10.58 0.94 0.00 N | -14.50 1.36 0.00 N | -19.60 1.31 0.00 N | -25.30 1.45 0.00 N | -10.38 0.67 0.00 N | 11.74 -0.64 0.00 N | -4.19 0.25 0.00 N | 9.03 -0.54 0.00 N |
| NIAGARA____ 23760 | 12.26 -0.49 -6.60 N | -438.05 36.48 -55.22 N | 9.66 0.50 -16.44 N | 11.19 -0.24 -8.48 N | 12.13 0.32 -15.72 N | 22.50 -1.14 -11.06 N | 37.35 -3.69 -4.20 N | -79.00 12.70 -38.23 N | 29.30 -2.05 -15.39 N | 11.77 -1.17 -3.73 N | 15.36 -1.49 -4.64 N | 14.58 -0.73 -9.39 N | 25.17 -3.21 -4.75 N | 6.90 1.22 -14.94 N | 7.50 0.99 -14.33 N | 35.13 -4.36 -6.54 N | 3.00 1.49 -13.03 N | 3.39 1.98 -17.28 N | 3.96 2.53 -22.34 N | 2.65 3.13 -26.27 N | 2.63 1.44 -12.24 N | 11.87 -1.59 -1.08 N | 11.50 0.58 -15.36 N | 12.98 -1.01 -4.42 N |
| NINE_MILE_1 23575 | 8.78 -0.20 -2.82 N | -489.45 16.70 -23.59 N | -0.02 0.23 -7.02 N | 6.48 -0.10 -3.62 N | 2.94 0.13 -6.72 N | 16.87 -0.42 -4.71 N | 37.34 -1.27 -1.78 N | -109.35 4.42 -16.16 N | 21.90 -0.56 -6.51 N | 10.46 -0.32 -1.58 N | 13.77 -0.41 -1.96 N | 9.70 -0.20 -3.97 N | 24.80 -0.84 -2.01 N | -2.62 0.33 -6.32 N | -1.49 0.27 -6.06 N | 34.53 -1.18 -2.76 N | -5.61 0.41 -5.51 N | -8.01 0.55 -7.30 N | -10.74 0.73 -9.44 N | -14.73 0.92 -11.10 N | -5.48 0.39 -5.17 N | 12.41 -0.43 -0.46 N | 2.21 0.16 -6.49 N | 11.11 -0.33 -1.87 N |
| NINE_MILE_2 23744 | 8.78 -0.20 -2.82 N | -489.42 16.69 -23.63 N | -0.01 0.23 -7.04 N | 6.49 -0.10 -3.63 N | 2.95 0.13 -6.73 N | 16.88 -0.42 -4.72 N | 37.35 -1.27 -1.78 N | -109.32 4.42 -16.19 N | 21.92 -0.56 -6.52 N | 10.46 -0.32 -1.58 N | 13.77 -0.41 -1.96 N | 9.70 -0.20 -3.97 N | 24.81 -0.84 -2.01 N | -2.61 0.33 -6.33 N | -1.47 0.27 -6.07 N | 34.54 -1.18 -2.77 N | -5.60 0.40 -5.52 N | -8.00 0.55 -7.32 N | -10.74 0.71 -9.46 N | -14.72 0.91 -11.12 N | -5.48 0.39 -5.18 N | 12.41 -0.43 -0.46 N | 2.23 0.16 -6.50 N | 11.11 -0.33 -1.87 N |
| NM_CAPITAL__DRP 24208 | 68.32 0.23 -61.93 N | -32.60 -20.89 -518.04 N | 146.69 -0.28 -154.24 N | 82.73 0.12 -79.66 N | 143.59 -0.16 -147.66 N | 116.57 0.50 -103.49 N | 77.28 1.47 -38.97 N | 219.28 -5.33 -354.55 N | 159.37 0.58 -142.83 N | 44.22 0.32 -34.69 N | 55.71 0.42 -43.06 N | 93.33 0.21 -87.19 N | 68.59 0.83 -44.13 N | 129.23 -0.31 -133.13 N | 125.06 -0.26 -133.13 N | 94.81 1.13 -60.73 N | 109.17 -0.40 -121.10 N | 144.14 -0.55 -160.56 N | 186.01 -0.67 -207.59 N | 216.51 -0.87 -244.13 N | 102.33 -0.36 -113.73 N | 22.82 0.38 -10.06 N | 138.19 -0.15 -142.78 N | 50.98 0.32 -41.09 N |
| NM_CENTRAL__DRP 24181 | 10.69 -0.06 -4.59 N | -486.60 4.72 -38.43 N | 4.23 0.07 -11.44 N | 8.83 -0.03 -5.90 N | 7.06 0.03 -10.94 N | 20.15 -0.10 -7.67 N | 39.39 -0.33 -2.89 N | -102.07 1.58 -26.29 N | 26.42 -0.13 -10.58 N | 11.71 -0.06 -2.57 N | 15.33 -0.08 -3.19 N | 12.34 -0.04 -6.46 N | 26.73 -0.17 -3.27 N | 1.09 0.07 -9.85 N | 2.10 0.06 -9.85 N | 37.15 -0.29 -4.49 N | -2.47 0.09 -8.96 N | -3.87 0.12 -11.88 N | -5.41 0.15 -15.36 N | -8.48 0.22 -18.06 N | -2.53 0.11 -8.41 N | 13.04 -0.08 -0.74 N | 6.17 0.05 -10.56 N | 12.52 -0.09 -3.04 N |
| NM_FRONTIER__DRP 24179 | 12.39 -0.49 -6.73 N | -437.06 36.38 -56.31 N | 9.98 0.49 -16.76 N | 11.36 -0.24 -8.65 N | 12.44 0.32 -16.03 N | 22.72 -1.14 -11.29 N | 37.42 -3.71 -4.29 N | -78.09 12.83 -39.01 N | 29.60 -2.07 -15.71 N | 11.83 -1.18 -3.81 N | 15.45 -1.51 -4.73 N | 14.77 -0.74 -9.58 N | 25.23 -3.25 -4.85 N | 7.21 1.23 -15.25 N | 7.80 1.00 -14.62 N | 35.22 -4.40 -6.67 N | 3.28 1.51 -13.30 N | 3.75 2.00 -17.63 N | 4.43 2.55 -22.79 N | 3.20 3.15 -26.80 N | 2.89 1.46 -12.48 N | 11.88 -1.60 -1.11 N | 11.82 0.58 -15.68 N | 13.06 -1.02 -4.51 N |
| NM_ST_REGIS__HYD 24053 | 3.89 -0.52 1.74 N | -492.44 51.88 14.57 N | -10.88 0.74 4.34 N | 0.41 -0.30 2.25 N | -7.69 0.39 4.17 N | 8.27 -1.40 2.91 N | 32.09 -3.65 1.09 N | -127.81 12.05 9.93 N | 10.49 -1.49 3.99 N | 7.28 -0.96 0.97 N | 9.73 -1.29 1.20 N | 2.83 -0.67 2.43 N | 19.13 -3.27 1.23 N | -11.87 1.26 3.86 N | -10.46 1.06 3.70 N | 27.04 -4.22 1.69 N | -13.40 1.52 3.40 N | -18.14 2.23 4.51 N | -24.52 2.22 5.83 N | -31.20 2.40 6.85 N | -13.14 1.11 3.19 N | 10.97 -1.13 0.28 N | -8.02 0.43 4.01 N | 7.51 -0.90 1.15 N |
| NORTHPORT__1 23551 | 55.17 0.56 -48.45 N | -169.04 -44.86 -405.56 N | 113.01 -0.47 -120.75 N | 64.33 0.26 -61.11 N | 109.09 -0.28 -113.28 N | 93.11 1.14 -79.39 N | 70.21 3.48 -29.90 N | 128.76 -13.27 -271.96 N | 131.85 1.66 -114.24 N | 133.75 0.95 -123.59 N | 130.12 1.22 -116.67 N | 376.92 0.63 -370.36 N | 122.49 2.73 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.83 3.62 -86.25 N | 121.53 -1.23 -134.28 N | 122.66 -1.63 -140.16 N | 136.04 -1.87 -158.82 N | 157.70 -2.31 -186.77 N | 186.08 -1.22 -198.35 N | 239.73 1.12 -226.24 N | 104.32 -0.47 -109.23 N | 42.01 1.01 -31.43 N |
| NORTHPORT__2 23552 | 55.17 0.56 -48.45 N | -169.04 -44.86 -405.56 N | 113.01 -0.47 -120.75 N | 64.33 0.26 -61.11 N | 109.09 -0.28 -113.28 N | 93.11 1.14 -79.39 N | 70.21 3.48 -29.90 N | 128.76 -13.27 -271.96 N | 131.85 1.66 -114.24 N | 133.75 0.95 -123.59 N | 130.12 1.22 -116.67 N | 376.92 0.63 -370.36 N | 122.49 2.73 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.83 3.62 -86.25 N | 121.53 -1.23 -134.28 N | 122.66 -1.63 -140.16 N | 136.04 -1.87 -158.82 N | 157.70 -2.31 -186.77 N | 186.08 -1.22 -198.35 N | 239.73 1.12 -226.24 N | 104.32 -0.47 -109.23 N | 42.01 1.01 -31.43 N |
| NORTHPORT__3 23553 | 55.15 0.54 -48.45 N | -167.76 -43.58 -405.56 N | 113.03 -0.45 -120.75 N | 64.32 0.25 -61.11 N | 109.10 -0.27 -113.28 N | 93.07 1.10 -79.39 N | 70.07 3.35 -29.90 N | 129.28 -12.75 -271.96 N | 131.81 1.61 -114.24 N | 133.72 0.93 -123.59 N | 130.09 1.20 -116.67 N | 376.91 0.61 -370.36 N | 122.40 2.64 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.73 3.52 -86.25 N | 121.56 -1.20 -134.28 N | 122.70 -1.60 -140.16 N | 136.06 -1.84 -158.82 N | 157.75 -2.27 -186.77 N | 186.12 -1.18 -198.35 N | 239.73 1.11 -226.24 N | 104.34 -0.45 -109.23 N | 41.99 0.98 -31.43 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 | 55.15 0.54 -48.45 N | -167.76 -43.58 -405.56 N | 113.03 -0.45 -120.75 N | 64.32 0.25 -61.11 N | 109.10 -0.27 -113.28 N | 93.07 1.10 -79.39 N | 70.07 3.35 -29.90 N | 129.28 -12.75 -271.96 N | 131.81 1.61 -114.24 N | 133.72 0.93 -123.59 N | 130.09 1.20 -116.67 N | 376.91 0.61 -370.36 N | 122.40 2.64 -96.13 N | 123.51 -0.99 -133.76 N | 124.33 -0.83 -132.98 N | 122.73 3.52 -86.25 N | 121.56 -1.20 -134.28 N | 122.70 -1.60 -140.16 N | 136.06 -1.84 -158.82 N | 157.75 -2.27 -186.77 N | 186.12 -1.18 -198.35 N | 239.73 1.11 -226.24 N | 104.34 -0.45 -109.23 N | 41.99 0.98 -31.43 N |
| NORTHPORT___IC 23718 | 55.17 0.56 -48.45 N | -169.04 -44.86 -405.56 N | 113.01 -0.47 -120.75 N | 64.33 0.26 -61.11 N | 109.09 -0.28 -113.28 N | 93.11 1.14 -79.39 N | 70.21 3.48 -29.90 N | 128.76 -13.27 -271.96 N | 131.85 1.66 -114.24 N | 133.75 0.95 -123.59 N | 130.12 1.22 -116.67 N | 376.92 0.63 -370.36 N | 122.49 2.73 -96.13 N | 123.49 -1.01 -133.76 N | 124.31 -0.85 -132.98 N | 122.83 3.62 -86.25 N | 121.53 -1.23 -134.28 N | 122.66 -1.63 -140.16 N | 136.04 -1.87 -158.82 N | 157.70 -2.31 -186.77 N | 186.08 -1.22 -198.35 N | 239.73 1.12 -226.24 N | 104.32 -0.47 -109.23 N | 42.01 1.01 -31.43 N |
| NPX_GEN_1385_PROXY 323591 | 34.53 0.62 -27.12 N | -170.10 -45.92 -405.56 N | 112.99 -0.49 -120.75 N | 64.33 0.26 -61.11 N | 109.08 -0.28 -113.28 N | 93.13 1.16 -79.39 N | 70.27 3.54 -29.90 N | 128.50 -13.53 -271.96 N | 131.88 1.68 -114.24 N | 133.76 0.97 -123.59 N | 130.14 1.24 -116.67 N | 376.94 0.64 -370.36 N | 122.53 2.77 -96.13 N | 123.47 -1.02 -133.76 N | 124.30 -0.87 -132.98 N | 122.90 3.69 -86.25 N | 121.51 -1.25 -134.28 N | 122.63 -1.66 -140.16 N | 136.00 -1.91 -158.82 N | 157.65 -2.36 -186.77 N | 186.06 -1.24 -198.35 N | 239.75 1.14 -226.24 N | 104.31 -0.48 -109.23 N | 42.04 1.03 -31.43 N |
| NPX_GEN_CSC 323557 | 34.65 0.73 -27.12 N | -178.55 -54.37 -405.56 N | 112.88 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.02 -0.34 -113.28 N | 93.34 1.37 -79.39 N | 70.95 4.22 -29.90 N | 126.17 -15.86 -271.96 N | 132.24 2.05 -114.24 N | 133.99 1.20 -123.59 N | 130.44 1.55 -116.67 N | 377.08 0.78 -370.36 N | 123.09 3.34 -96.13 N | 123.27 -1.23 -133.76 N | 124.13 -1.03 -132.98 N | 123.58 4.37 -86.25 N | 121.27 -1.48 -134.28 N | 122.32 -1.97 -140.16 N | 135.59 -2.32 -158.82 N | 157.15 -2.87 -186.77 N | 185.82 -1.48 -198.35 N | 240.00 1.39 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N |
| NSINS_S_GLNS_FALLS 23858 | 69.89 0.36 -63.37 N | -27.51 -27.97 -530.20 N | 150.21 -0.37 -157.86 N | 84.58 0.17 -81.45 N | 146.83 -0.25 -150.98 N | 118.17 0.79 -104.80 N | 78.08 2.03 -39.23 N | 220.84 -6.06 -356.84 N | 160.68 0.99 -143.73 N | 53.86 0.69 -43.96 N | 62.82 0.85 -49.75 N | 94.09 0.44 -87.72 N | 69.84 1.81 -44.40 N | 129.65 -0.73 -139.65 N | 125.60 -0.54 -133.95 N | 96.21 1.93 -61.32 N | 111.65 -0.62 -123.79 N | 147.26 -1.00 -164.13 N | 190.04 -1.26 -212.21 N | 221.14 -1.67 -249.56 N | 104.59 -0.63 -116.26 N | 23.39 0.73 -10.29 N | 141.24 -0.27 -145.95 N | 52.06 0.49 -42.00 N |
| NUCOR_STEEL___DRP 24197 | 11.84 -0.04 -5.72 N | -478.20 3.65 -47.89 N | 7.04 0.05 -14.26 N | 10.28 -0.03 -7.35 N | 9.75 0.03 -13.63 N | 22.04 -0.10 -9.56 N | 39.98 -0.46 -3.61 N | -95.14 2.00 -32.79 N | 29.07 -0.09 -13.20 N | 12.38 -0.03 -3.20 N | 16.16 -0.04 -3.98 N | 13.95 -0.04 -8.05 N | 27.50 -0.21 -4.08 N | 3.64 0.08 -12.82 N | 4.53 0.06 -12.29 N | 38.06 -0.50 -5.61 N | -0.25 0.09 -11.18 N | -0.92 0.13 -14.82 N | -1.63 0.12 -19.16 N | -4.03 0.19 -22.53 N | -0.43 0.12 -10.50 N | 13.24 -0.07 -0.93 N | 8.81 0.07 -13.18 N | 13.22 -0.14 -3.79 N |
| NYISO_LBMP_REFERENCE 24008 | 6.16 0.00 0.00 N | -529.74 0.00 0.00 N | -7.28 0.00 0.00 N | 2.96 0.00 0.00 N | -3.91 0.00 0.00 N | 12.58 0.00 0.00 N | 36.83 0.00 0.00 N | -129.94 0.00 0.00 N | 15.96 0.00 0.00 N | 9.20 0.00 0.00 N | 12.22 0.00 0.00 N | 5.93 0.00 0.00 N | 23.63 0.00 0.00 N | -9.26 0.00 0.00 N | -7.82 0.00 0.00 N | 32.95 0.00 0.00 N | -11.52 0.00 0.00 N | -15.87 0.00 0.00 N | -20.91 0.00 0.00 N | -26.75 0.00 0.00 N | -11.05 0.00 0.00 N | 12.38 0.00 0.00 N | -4.44 0.00 0.00 N | 9.57 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 55.24 0.63 -48.45 N | -174.88 -50.70 -405.56 N | 112.93 -0.55 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.63 3.91 -29.90 N | 127.33 -14.70 -271.96 N | 132.08 1.88 -114.24 N | 133.89 1.10 -123.59 N | 130.31 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.35 -1.15 -133.76 N | 124.20 -0.96 -132.98 N | 123.30 4.09 -86.25 N | 121.36 -1.40 -134.28 N | 122.43 -1.86 -140.16 N | 135.72 -2.18 -158.82 N | 157.30 -2.72 -186.77 N | 185.91 -1.39 -198.35 N | 239.93 1.31 -226.24 N | 104.26 -0.53 -109.23 N | 42.14 1.14 -31.43 N |
| NYPA_GOWANUS____GT5 24156 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| NYPA_GOWANUS____GT6 24157 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N |
| NYPA_HARLEM__RVR__GT1 24160 | 55.08 0.48 -48.44 N | -163.51 -39.28 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.89 3.17 -29.89 N | 130.41 -11.58 -271.93 N | 126.81 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.08 1.05 -101.80 N | 73.19 0.56 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.60 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.79 -1.49 -123.14 N | 136.05 -1.83 -158.79 N | 157.60 -2.39 -186.74 N | 74.87 -1.08 -87.00 N | 25.05 1.13 -11.54 N | 104.34 -0.43 -109.21 N | 41.93 0.94 -31.43 N |
| NYPA_HARLEM__RVR__GT2 24161 | 55.08 0.48 -48.44 N | -163.51 -39.28 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.89 3.17 -29.89 N | 130.41 -11.58 -271.93 N | 126.81 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.08 1.05 -101.80 N | 73.19 0.56 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.60 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.79 -1.49 -123.14 N | 136.05 -1.83 -158.79 N | 157.60 -2.39 -186.74 N | 74.87 -1.08 -87.00 N | 25.05 1.13 -11.54 N | 104.34 -0.43 -109.21 N | 41.93 0.94 -31.43 N |
| NYPA_KENT____GT 24152 | 55.09 0.49 -48.44 N | -163.72 -39.48 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.02 -79.38 N | 69.82 3.10 -29.89 N | 130.67 -11.32 -271.93 N | 126.82 1.42 -109.43 N | 133.60 0.83 -123.57 N | 115.10 1.08 -101.80 N | 73.19 0.56 -66.70 N | 59.75 2.37 -33.76 N | 96.00 -0.91 -106.18 N | 93.24 -0.77 -101.83 N | 82.64 3.24 -46.45 N | 80.09 -1.12 -92.73 N | 105.75 -1.53 -123.14 N | 135.99 -1.89 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 25.06 1.14 -11.54 N | 135.80 -0.44 -140.68 N | 200.44 0.95 -189.92 N |
| NYPA_POUCH1____GT | 318.41 | -161.23 | 112.99 | 64.27 | 109.08 | 92.93 | 69.67 | 131.19 | 126.75 | 133.57 | 224.33 | 507.56 | 496.94 | 497.08 | 497.00 | 498.13 | 337.80 | 105.82 | 136.09 | 157.69 | 74.91 | 317.40 | 166.00 | 359.69 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|-------------------------------|
| 24155 | 0.47 -311.79 N | -36.99 -405.51 N | -0.47 -120.74 N | 0.21 -61.10 N | -0.28 -113.26 N | 0.97 -79.38 N | 2.95 -29.89 N | -10.80 -271.93 N | 1.36 -109.43 N | 0.80 -123.57 N | 1.04 -211.07 N | 0.54 -501.09 N | 2.25 -471.06 N | -0.87 -507.21 N | -0.73 -505.55 N | 3.08 -462.10 N | -1.06 -350.38 N | -1.46 -123.14 N | -1.79 -158.79 N | -2.30 -186.74 N | -1.04 -87.00 N | 1.10 -303.92 N | -0.43 -170.88 N | 0.93 -349.19 N |
| NYPA_VERNON____GT2 24162 | 55.09 0.49 -48.44 N | -163.72 -39.48 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.13 -29.89 N | 130.54 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.83 -123.57 N | 115.11 1.08 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.18 N | 93.24 -0.77 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.86 -1.09 -87.00 N | 25.06 1.15 -11.54 N | 117.13 -0.44 -122.01 N | 106.38 0.94 -95.86 N |
| NYPA_VERNON____GT3 24163 | 55.09 0.49 -48.44 N | -163.72 -39.48 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.13 -29.89 N | 130.54 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.83 -123.57 N | 115.11 1.08 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.18 N | 93.24 -0.77 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.86 -1.09 -87.00 N | 25.06 1.15 -11.54 N | 117.13 -0.44 -122.01 N | 106.38 0.94 -95.86 N |
| NYPA____ASTORIA_CC1 323568 | 55.09 0.49 -48.44 N | -163.68 -39.44 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.14 -29.89 N | 130.55 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.78 2.39 -33.76 N | 95.99 -0.92 -106.18 N | 93.23 -0.78 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.85 -1.09 -87.00 N | 25.07 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N |
| NYPA____ASTORIA_CC2 323569 | 55.09 0.49 -48.44 N | -163.68 -39.44 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.07 -0.29 -113.26 N | 92.98 1.02 -79.38 N | 69.86 3.14 -29.89 N | 130.55 -11.45 -271.93 N | 126.83 1.43 -109.43 N | 133.61 0.84 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.78 2.39 -33.76 N | 95.99 -0.92 -106.18 N | 93.23 -0.78 -101.83 N | 82.67 3.27 -46.45 N | 80.08 -1.13 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.90 -158.79 N | 157.56 -2.43 -186.74 N | 74.85 -1.09 -87.00 N | 25.07 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N |
| NYPA____HOLTSVILL 23794 | 55.24 0.63 -48.45 N | -174.38 -50.20 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.31 -113.28 N | 93.24 1.27 -79.39 N | 70.64 3.92 -29.90 N | 127.20 -14.83 -271.96 N | 132.09 1.89 -114.24 N | 133.90 1.10 -123.59 N | 130.32 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.85 3.09 -96.13 N | 123.36 -1.14 -133.76 N | 124.21 -0.95 -132.98 N | 123.26 4.06 -86.25 N | 121.38 -1.38 -134.28 N | 122.47 -1.82 -140.16 N | 135.78 -2.13 -158.82 N | 157.38 -2.64 -186.77 N | 185.93 -1.37 -198.35 N | 239.89 1.28 -226.24 N | 104.27 -0.52 -109.23 N | 42.12 1.12 -31.43 N |
| NYPA____HELLGATE_GT1 24158 | 55.08 0.48 -48.44 N | -163.51 -39.28 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.89 3.17 -29.89 N | 130.41 -11.58 -271.93 N | 126.81 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.08 1.05 -101.80 N | 73.19 0.56 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.60 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.79 -1.49 -123.14 N | 136.05 -1.83 -158.79 N | 157.60 -2.39 -186.74 N | 74.87 -1.08 -87.00 N | 25.05 1.13 -11.54 N | 104.34 -0.43 -109.21 N | 41.93 0.94 -31.43 N |
| NYPA____HELLGATE_GT2 24159 | 55.08 0.48 -48.44 N | -163.51 -39.28 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.99 1.03 -79.38 N | 69.89 3.17 -29.89 N | 130.41 -11.58 -271.93 N | 126.81 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.08 1.05 -101.80 N | 73.19 0.56 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.60 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.79 -1.49 -123.14 N | 136.05 -1.83 -158.79 N | 157.60 -2.39 -186.74 N | 74.87 -1.08 -87.00 N | 25.05 1.13 -11.54 N | 104.34 -0.43 -109.21 N | 41.93 0.94 -31.43 N |
| NYS_BARGE____HYD 23848 | 12.32 -0.40 -6.56 N | -446.00 28.82 -54.92 N | 9.48 0.40 -16.35 N | 11.19 -0.20 -8.43 N | 11.99 0.27 -15.63 N | 22.64 -0.95 -11.01 N | 37.89 -3.12 -4.18 N | -80.88 11.03 -38.03 N | 29.51 -1.77 -15.31 N | 11.92 -1.00 -3.72 N | 15.56 -1.27 -4.61 N | 14.64 -0.63 -9.34 N | 25.59 -2.77 -4.72 N | 6.65 1.05 -14.86 N | 7.28 0.85 -14.25 N | 35.68 -3.77 -6.50 N | 2.73 1.29 -12.96 N | 3.03 1.71 -17.18 N | 3.47 2.17 -22.22 N | 2.05 2.68 -26.12 N | 2.38 1.26 -12.17 N | 12.10 -1.36 -1.08 N | 11.34 0.50 -15.28 N | 13.11 -0.86 -4.40 N |
| O.H_GEN_BRUCE 24063 | -5.00 -0.66 11.14 N | -439.06 37.01 -53.68 N | 9.21 0.50 -15.98 N | 10.95 -0.25 -8.24 N | 11.69 0.33 -15.28 N | 22.18 -1.15 -10.76 N | 37.24 -3.68 -4.09 N | -80.08 12.70 -37.15 N | 28.88 -2.03 -14.96 N | 11.67 -1.16 -3.63 N | 15.24 -1.48 -4.50 N | 14.32 -0.73 -9.12 N | 29.50 1.22 -37.43 N | 50.00 -3.18 -29.72 N | 101.00 1.20 -108.95 N | 10.00 0.30 -12.02 N | 2.62 1.48 -12.66 N | 10.00 0.75 -15.21 N | 3.32 2.52 -21.71 N | 10.00 2.20 -23.94 N | 36.06 2.60 -51.35 N | 10.00 3.24 -28.59 N | 11.07 0.57 -14.93 N | 12.85 -1.02 -4.30 N |
| OAK ORCHARD____HYD 24046 | 11.15 -0.28 -5.27 N | -464.21 21.46 -44.07 N | 6.14 0.30 -13.12 N | 9.58 -0.15 -6.77 N | 8.83 0.19 -12.55 N | 20.72 -0.68 -8.82 N | 38.03 -2.14 -3.34 N | -92.29 7.27 -30.38 N | 27.10 -1.09 -12.23 N | 11.57 -0.60 -2.97 N | 15.15 -0.75 -3.68 N | 13.02 -0.37 -7.46 N | 25.78 -1.63 -3.77 N | 3.23 0.63 -11.87 N | 4.08 0.51 -11.39 N | 35.87 -2.28 -5.19 N | -0.39 0.78 -10.35 N | -1.10 1.04 -13.73 N | -1.84 1.32 -17.75 N | -4.24 1.65 -20.87 N | -0.56 0.77 -9.72 N | 12.42 -0.82 -0.86 N | 8.08 0.32 -12.20 N | 12.50 -0.58 -3.51 N |
| OCC_CHEM____DRP 24175 | 12.41 -0.49 -6.74 N | -437.36 35.95 -56.44 N | 10.02 0.50 -16.81 N | 11.38 -0.24 -8.67 N | 12.48 0.32 -16.06 N | 22.75 -1.14 -11.31 N | 37.45 -3.68 -4.30 N | -78.12 12.70 -39.11 N | 29.65 -2.06 -15.74 N | 11.85 -1.17 -3.82 N | 15.47 -1.50 -4.74 N | 14.80 -0.74 -9.60 N | 25.26 -3.23 -4.86 N | 7.24 1.22 -15.28 N | 7.84 1.00 -14.66 N | 35.27 -4.37 -6.69 N | 3.30 1.50 -13.33 N | 3.79 1.99 -17.67 N | 4.48 2.54 -22.85 N | 3.24 3.13 -26.87 N | 2.92 1.45 -12.52 N | 11.89 -1.59 -1.11 N | 11.85 0.58 -15.71 N | 13.08 -1.02 -4.52 N |
| OLIN_CORP_DRP 24177 | 12.57 -0.44 -6.85 N | -440.21 32.18 -57.35 N | 10.24 0.45 -17.08 N | 11.55 -0.22 -8.81 N | 12.70 0.29 -16.32 N | 23.05 -1.03 -11.50 N | 37.85 -3.35 -4.37 N | -78.52 11.67 -39.74 N | 30.07 -1.89 -16.00 N | 12.00 -1.08 -3.88 N | 15.66 -1.38 -4.82 N | 15.01 -0.68 -9.76 N | 25.59 -2.98 -4.94 N | 7.39 1.13 -15.53 N | 7.99 0.92 -14.89 N | 35.71 -4.04 -6.79 N | 3.40 1.39 -13.54 N | 3.92 1.84 -17.95 N | 4.64 2.34 -23.21 N | 3.43 2.88 -27.30 N | 3.01 1.35 -12.72 N | 12.04 -1.46 -1.13 N | 12.06 0.54 -15.96 N | 13.24 -0.93 -4.59 N |
| ONONDAGA_REF_OCCRA 23987 | 11.20 -0.02 -5.07 N | -485.72 1.63 -42.40 N | 5.38 0.03 -12.62 N | 9.45 -0.01 -6.51 N | 8.17 0.02 -12.07 N | 21.01 -0.03 -8.46 N | 39.89 -0.13 -3.19 N | -100.13 0.80 -29.00 N | 27.63 -0.01 -11.68 N | 12.05 0.01 -2.83 N | 15.76 0.01 -3.52 N | 13.05 0.00 -7.12 N | 27.23 0.00 -3.60 N | 2.08 0.01 -11.34 N | 3.06 0.00 -10.87 N | 37.83 -0.08 -4.96 N | -1.63 0.01 -9.88 N | -2.75 0.01 -13.10 N | -3.97 0.00 -16.94 N | -6.80 0.02 -19.92 N | -1.74 0.02 -9.28 N | 13.21 0.01 -0.82 N | 7.23 0.02 -11.65 N | 12.89 -0.04 -3.35 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|-------------------------------|
| ONONDAGA___COGEN 23986 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |
| ONTARIO___LFGE 23819 | 12.42 -0.10 -6.37 N | -468.17 8.24 -53.33 N | 8.74 0.14 -15.88 N | 11.09 -0.06 -8.19 N | 11.34 0.07 -15.18 N | 23.02 -0.21 -10.65 N | 40.10 -0.75 -4.02 N | -89.72 3.68 -36.53 N | 30.30 -0.37 -14.70 N | 12.58 -0.19 -3.57 N | 16.40 -0.25 -4.43 N | 14.76 -0.14 -8.97 N | 27.60 -0.57 -4.54 N | 5.25 0.24 -14.28 N | 6.06 0.19 -13.69 N | 38.30 -0.90 -6.25 N | 1.22 0.29 -12.45 N | 1.03 0.39 -16.50 N | 0.90 0.47 -21.34 N | -1.02 0.64 -25.10 N | 0.98 0.34 -11.69 N | 13.12 -0.29 -1.03 N | 10.38 0.14 -14.68 N | 13.55 -0.24 -4.22 N |
| OSWEGATCHIE___HYD 24044 | 5.83 -0.33 0.00 N | -498.11 31.64 0.00 N | -6.82 0.45 0.00 N | 2.77 -0.18 0.00 N | -3.67 0.24 0.00 N | 11.73 -0.85 0.00 N | 34.59 -2.25 0.00 N | -122.41 7.53 0.00 N | 15.10 -0.86 0.00 N | 8.66 -0.55 0.00 N | 11.49 -0.73 0.00 N | 5.53 -0.40 0.00 N | 21.60 -2.03 0.00 N | -8.48 0.79 0.00 N | -7.16 0.66 0.00 N | 30.29 -2.66 0.00 N | -10.58 0.94 0.00 N | -14.50 1.36 0.00 N | -19.60 1.31 0.00 N | -25.30 1.45 0.00 N | -10.38 0.67 0.00 N | 11.74 -0.64 0.00 N | -4.19 0.25 0.00 N | 9.03 -0.54 0.00 N |
| OSWEGO___5 23606 | 9.76 -0.16 -3.76 N | -485.39 12.92 -31.43 N | 2.26 0.18 -9.36 N | 7.71 -0.07 -4.83 N | 5.14 0.10 -8.95 N | 18.54 -0.32 -6.28 N | 38.23 -0.96 -2.36 N | -104.91 3.51 -21.51 N | 24.19 -0.43 -8.66 N | 11.06 -0.24 -2.10 N | 14.51 -0.32 -2.61 N | 11.06 -0.16 -5.28 N | 25.66 -0.64 -2.67 N | -0.60 0.25 -8.41 N | 0.46 0.21 -8.07 N | 35.72 -0.91 -3.68 N | -3.88 0.31 -7.33 N | -5.72 0.43 -9.72 N | -7.79 0.55 -12.57 N | -11.27 0.70 -14.78 N | -3.86 0.31 -6.89 N | 12.66 -0.33 -0.61 N | 4.33 0.13 -8.64 N | 11.80 -0.25 -2.49 N |
| OSWEGO___6 23613 | 9.76 -0.16 -3.76 N | -485.39 12.92 -31.43 N | 2.26 0.18 -9.36 N | 7.71 -0.07 -4.83 N | 5.14 0.10 -8.95 N | 18.54 -0.32 -6.28 N | 38.23 -0.96 -2.36 N | -104.91 3.51 -21.51 N | 24.19 -0.43 -8.66 N | 11.06 -0.24 -2.10 N | 14.51 -0.32 -2.61 N | 11.06 -0.16 -5.28 N | 25.66 -0.64 -2.67 N | -0.60 0.25 -8.41 N | 0.46 0.21 -8.07 N | 35.72 -0.91 -3.68 N | -3.88 0.31 -7.33 N | -5.72 0.43 -9.72 N | -7.79 0.55 -12.57 N | -11.27 0.70 -14.78 N | -3.86 0.31 -6.89 N | 12.66 -0.33 -0.61 N | 4.33 0.13 -8.64 N | 11.80 -0.25 -2.49 N |
| OUTOKUMPU-AB___DRP 24206 | 12.68 -0.37 -6.90 N | -445.38 26.63 -57.73 N | 10.29 0.37 -17.19 N | 11.64 -0.19 -8.86 N | 12.78 0.25 -16.43 N | 23.27 -0.89 -11.58 N | 38.28 -2.95 -4.40 N | -79.38 10.51 -40.04 N | 30.39 -1.69 -16.13 N | 12.16 -0.95 -3.91 N | 15.86 -1.22 -4.86 N | 15.17 -0.60 -9.83 N | 25.96 -2.64 -4.97 N | 7.39 1.01 -15.64 N | 8.00 0.82 -15.00 N | 36.17 -3.63 -6.85 N | 3.37 1.25 -13.64 N | 3.86 1.64 -18.09 N | 4.56 2.08 -23.39 N | 3.31 2.56 -27.50 N | 2.98 1.21 -12.81 N | 12.21 -1.30 -1.13 N | 12.12 0.48 -16.09 N | 13.39 -0.81 -4.63 N |
| OXBOW___ 24026 | 12.56 -0.42 -6.82 N | -442.31 30.33 -57.10 N | 10.15 0.42 -17.00 N | 11.52 -0.21 -8.77 N | 12.62 0.28 -16.25 N | 23.04 -0.99 -11.45 N | 37.93 -3.25 -4.35 N | -78.93 11.42 -39.59 N | 30.06 -1.84 -15.94 N | 12.03 -1.05 -3.87 N | 15.69 -1.33 -4.80 N | 15.00 -0.65 -9.72 N | 25.67 -2.88 -4.92 N | 7.30 1.09 -15.47 N | 7.91 0.89 -14.84 N | 35.79 -3.93 -6.77 N | 3.32 1.35 -13.49 N | 3.79 1.78 -17.88 N | 4.47 2.26 -23.12 N | 3.23 2.78 -27.20 N | 2.92 1.30 -12.67 N | 12.08 -1.42 -1.12 N | 11.98 0.52 -15.90 N | 13.26 -0.89 -4.58 N |
| PEEKSKILL___ 23653 | 54.67 0.41 -48.11 N | -161.14 -34.10 -402.70 N | 112.19 -0.43 -119.90 N | 63.85 0.20 -60.69 N | 108.33 -0.26 -112.50 N | 92.33 0.91 -78.84 N | 69.31 2.79 -29.69 N | 130.02 -10.15 -270.10 N | 125.95 1.29 -108.70 N | 132.04 0.75 -122.09 N | 113.86 0.98 -100.66 N | 72.68 0.50 -66.25 N | 59.25 2.09 -33.53 N | 95.39 -0.81 -105.46 N | 92.64 -0.68 -101.14 N | 81.94 2.86 -46.14 N | 79.51 -0.98 -92.01 N | 104.79 -1.34 -121.99 N | 135.14 -1.68 -157.73 N | 156.59 -2.15 -185.49 N | 74.40 -0.96 -86.41 N | 21.02 1.00 -7.64 N | 103.66 -0.38 -108.48 N | 41.58 0.80 -31.22 N |
| PGE MADISON___WINDPWR 24146 | 20.87 0.25 -14.46 N | -429.64 -20.94 -121.04 N | 28.50 -0.27 -36.04 N | 21.66 0.11 -18.58 N | 30.37 -0.17 -34.45 N | 37.30 0.58 -24.14 N | 47.60 1.69 -9.08 N | -52.56 -5.24 -82.62 N | 50.29 1.07 -33.26 N | 21.10 0.61 -11.29 N | 25.32 0.81 -12.30 N | 26.55 0.34 -20.28 N | 35.18 1.28 -10.27 N | 22.58 -0.45 -32.29 N | 22.79 -0.36 -30.97 N | 48.27 1.20 -14.12 N | 16.12 -0.51 -28.15 N | 20.62 -0.84 -37.33 N | 26.18 -1.18 -48.26 N | 28.72 -1.28 -56.76 N | 14.86 -0.53 -26.44 N | 15.46 0.74 -2.34 N | 28.57 -0.19 -33.19 N | 19.42 0.30 -9.55 N |
| PIERCEFIELD___HYD 23852 | 3.99 -0.52 1.65 N | -493.54 50.03 13.82 N | -10.69 0.71 4.12 N | 0.53 -0.29 2.14 N | -7.49 0.38 3.96 N | 8.47 -1.35 2.76 N | 32.27 -3.53 1.04 N | -127.56 11.80 9.42 N | 10.74 -1.44 3.78 N | 7.36 -0.93 0.92 N | 9.82 -1.26 1.14 N | 2.96 -0.67 2.30 N | 19.17 -3.30 1.16 N | -11.66 1.27 3.66 N | -10.26 1.07 3.51 N | 27.10 -4.25 1.61 N | -13.22 1.53 3.23 N | -17.91 2.23 4.28 N | -24.28 2.16 5.53 N | -30.91 2.34 6.50 N | -13.00 1.08 3.03 N | 11.01 -1.09 0.27 N | -7.83 0.41 3.80 N | 7.60 -0.88 1.09 N |
| PINELAWN_CC_1 323563 | 55.21 0.60 -48.45 N | -172.69 -48.51 -405.56 N | 112.95 -0.53 -120.75 N | 64.35 0.28 -61.11 N | 109.06 -0.31 -113.28 N | 93.18 1.21 -79.39 N | 70.40 3.67 -29.90 N | 128.25 -13.78 -271.96 N | 131.97 1.78 -114.24 N | 133.82 1.02 -123.59 N | 130.22 1.33 -116.67 N | 376.98 0.68 -370.36 N | 122.68 2.92 -96.13 N | 123.41 -1.09 -133.76 N | 124.24 -0.92 -132.98 N | 123.09 3.88 -86.25 N | 121.44 -1.32 -134.28 N | 122.53 -1.77 -140.16 N | 135.83 -2.08 -158.82 N | 157.44 -2.58 -186.77 N | 185.99 -1.30 -198.35 N | 239.88 1.26 -226.24 N | 104.29 -0.50 -109.23 N | 42.07 1.07 -31.43 N |
| PJM_GEN_KEystone 24065 | 22.00 0.30 -14.91 N | 22.00 -0.08 -7.93 N | 23.00 0.25 -11.45 N | 13.00 0.01 -12.72 N | 12.00 0.25 -4.92 N | 14.00 0.21 -0.39 N | 11.00 0.57 7.83 N | 23.36 0.82 -3.06 N | 36.00 0.59 -20.57 N | 62.00 0.72 -42.52 N | 79.18 -0.56 -67.52 N | 53.86 -0.35 -48.28 N | 46.96 -1.11 -24.44 N | 68.09 0.50 -76.86 N | 66.30 0.40 -73.71 N | 64.91 -1.67 -33.62 N | 56.16 0.63 -67.05 N | 73.90 0.87 -88.90 N | 94.58 0.54 -114.94 N | 109.75 1.33 -135.18 N | 60.00 -0.68 -78.57 N | 68.00 -0.86 -90.69 N | 38.00 0.64 -22.73 N | 31.10 -0.39 -21.92 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 34.46 0.55 -27.12 N | -165.25 -41.07 -405.56 N | 113.04 -0.43 -120.75 N | 64.31 0.24 -61.11 N | 109.11 -0.26 -113.28 N | 93.01 1.04 -79.39 N | 69.92 3.19 -29.90 N | 129.93 -12.10 -271.96 N | 131.73 1.53 -114.24 N | 133.67 0.87 -123.59 N | 130.03 1.14 -116.67 N | 376.88 0.58 -370.36 N | 122.28 2.52 -96.13 N | 123.55 -0.94 -133.76 N | 124.36 -0.80 -132.98 N | 122.59 3.39 -86.25 N | 121.61 -1.15 -134.28 N | 122.76 -1.53 -140.16 N | 136.11 -1.79 -158.82 N | 157.79 -2.23 -186.77 N | 186.17 -1.13 -198.35 N | 239.69 1.08 -226.24 N | 104.36 -0.43 -109.23 N | 41.92 0.92 -31.43 N |
| PLEASANTVLY___LBMP 24000 | 56.83 0.37 -50.31 N | -139.73 -31.08 -421.09 N | 117.71 -0.40 -125.38 N | 66.44 0.18 -63.30 N | 113.19 -0.24 -117.33 N | 95.64 0.83 -82.23 N | 70.33 2.54 -30.97 N | 142.53 -9.23 -281.70 N | 130.49 1.16 -113.37 N | 143.37 0.68 -133.49 N | 122.45 0.88 -109.35 N | 75.48 0.45 -69.10 N | 60.48 1.87 -34.97 N | 100.01 -0.73 -110.00 N | 97.07 -0.61 -105.50 N | 83.65 2.57 -48.12 N | 83.57 -0.88 -95.97 N | 110.17 -1.21 -127.25 N | 142.09 -1.53 -164.52 N | 164.78 -1.95 -193.48 N | 78.23 -0.86 -90.14 N | 21.24 0.89 -7.97 N | 108.37 -0.34 -113.16 N | 42.85 0.71 -32.56 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| POLETTI____ 23519 | 55.06 0.46 -48.44 N | -161.81 -37.57 -405.51 N | 112.99 -0.47 -120.74 N | 64.28 0.21 -61.10 N | 109.08 -0.28 -113.26 N | 92.93 0.98 -79.38 N | 69.74 3.02 -29.89 N | 130.93 -11.06 -271.93 N | 126.79 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.71 2.32 -33.76 N | 96.01 -0.90 -106.17 N | 93.25 -0.76 -101.83 N | 82.57 3.17 -46.45 N | 80.11 -1.09 -92.73 N | 105.77 -1.49 -123.13 N | 136.01 -1.87 -158.79 N | 157.60 -2.39 -186.74 N | 74.88 -1.07 -87.00 N | 24.90 1.11 -11.41 N | 104.35 -0.42 -109.21 N | 41.90 0.90 -31.43 N | |
| PORT_JEFF_3 23555 | 55.25 0.64 -48.45 N | -175.40 -51.22 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.30 -61.11 N | 109.05 -0.31 -113.28 N | 93.27 1.30 -79.39 N | 70.75 4.03 -29.90 N | 126.68 -15.35 -271.96 N | 132.13 1.93 -114.24 N | 133.92 1.13 -123.59 N | 130.34 1.44 -116.67 N | 377.03 0.73 -370.36 N | 122.90 3.13 -96.13 N | 123.36 -1.14 -133.76 N | 124.21 -0.95 -132.98 N | 123.25 4.04 -86.25 N | 121.39 -1.37 -134.28 N | 122.49 -1.80 -140.16 N | 135.84 -2.07 -158.82 N | 157.50 -2.52 -186.77 N | 185.94 -1.36 -198.35 N | 239.84 1.22 -226.24 N | 104.27 -0.52 -109.23 N | 42.15 1.14 -31.43 N | |
| PORT_JEFF_4 23616 | 55.25 0.64 -48.45 N | -175.40 -51.22 -405.56 N | 112.94 -0.54 -120.75 N | 64.36 0.30 -61.11 N | 109.05 -0.31 -113.28 N | 93.27 1.30 -79.39 N | 70.75 4.03 -29.90 N | 126.68 -15.35 -271.96 N | 132.13 1.93 -114.24 N | 133.92 1.13 -123.59 N | 130.34 1.44 -116.67 N | 377.03 0.73 -370.36 N | 122.90 3.13 -96.13 N | 123.36 -1.14 -133.76 N | 124.21 -0.95 -132.98 N | 123.25 4.04 -86.25 N | 121.39 -1.37 -134.28 N | 122.49 -1.80 -140.16 N | 135.84 -2.07 -158.82 N | 157.50 -2.52 -186.77 N | 185.94 -1.36 -198.35 N | 239.84 1.22 -226.24 N | 104.27 -0.52 -109.23 N | 42.15 1.14 -31.43 N | |
| PORT_JEFF_IC 23713 | 55.26 0.65 -48.45 N | -176.42 -52.24 -405.56 N | 112.92 -0.55 -120.75 N | 64.37 0.30 -61.11 N | 109.05 -0.32 -113.28 N | 93.29 1.33 -79.39 N | 70.81 4.08 -29.90 N | 126.55 -15.48 -271.96 N | 132.14 1.95 -114.24 N | 133.94 1.14 -123.59 N | 130.36 1.47 -116.67 N | 377.04 0.74 -370.36 N | 122.95 3.19 -96.13 N | 123.34 -1.15 -133.76 N | 124.19 -0.97 -132.98 N | 123.33 4.13 -86.25 N | 121.36 -1.40 -134.28 N | 122.45 -1.84 -140.16 N | 135.77 -2.13 -158.82 N | 157.41 -2.61 -186.77 N | 185.90 -1.39 -198.35 N | 239.88 1.27 -226.24 N | 104.26 -0.53 -109.23 N | 42.16 1.16 -31.43 N | |
| PPL PILGRIM_ST_GT1 24216 | 55.24 0.63 -48.45 N | -174.88 -50.70 -405.56 N | 112.93 -0.55 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.63 3.91 -29.90 N | 127.33 -14.70 -271.96 N | 132.08 1.88 -114.24 N | 133.89 1.10 -123.59 N | 130.31 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.35 -1.15 -133.76 N | 124.20 -0.96 -132.98 N | 123.30 4.09 -86.25 N | 121.36 -1.40 -134.28 N | 122.43 -1.86 -140.16 N | 135.72 -2.18 -158.82 N | 157.30 -2.72 -186.77 N | 185.91 -1.39 -198.35 N | 239.93 1.31 -226.24 N | 104.26 -0.53 -109.23 N | 42.14 1.14 -31.43 N | |
| PPL PILGRIM_ST_GT2 24217 | 55.24 0.63 -48.45 N | -174.88 -50.70 -405.56 N | 112.93 -0.55 -120.75 N | 64.36 0.29 -61.11 N | 109.05 -0.32 -113.28 N | 93.25 1.28 -79.39 N | 70.63 3.91 -29.90 N | 127.33 -14.70 -271.96 N | 132.08 1.88 -114.24 N | 133.89 1.10 -123.59 N | 130.31 1.42 -116.67 N | 377.02 0.72 -370.36 N | 122.86 3.10 -96.13 N | 123.35 -1.15 -133.76 N | 124.20 -0.96 -132.98 N | 123.30 4.09 -86.25 N | 121.36 -1.40 -134.28 N | 122.43 -1.86 -140.16 N | 135.72 -2.18 -158.82 N | 157.30 -2.72 -186.77 N | 185.91 -1.39 -198.35 N | 239.93 1.31 -226.24 N | 104.26 -0.53 -109.23 N | 42.14 1.14 -31.43 N | |
| PPL_SHRM_GT3 24213 | 55.30 0.69 -48.45 N | -179.18 -55.00 -405.56 N | 112.88 -0.60 -120.75 N | 64.38 0.31 -61.11 N | 109.02 -0.35 -113.28 N | 93.36 1.39 -79.39 N | 71.01 4.28 -29.90 N | 125.91 -16.12 -271.96 N | 132.27 2.08 -114.24 N | 134.01 1.22 -123.59 N | 130.47 1.57 -116.67 N | 377.09 0.79 -370.36 N | 123.14 3.38 -96.13 N | 123.25 -1.25 -133.76 N | 124.12 -1.04 -132.98 N | 123.63 4.42 -86.25 N | 121.26 -1.50 -134.28 N | 122.30 -1.99 -140.16 N | 135.56 -2.35 -158.82 N | 157.11 -2.91 -186.77 N | 185.80 -1.49 -198.35 N | 240.02 1.41 -226.24 N | 104.22 -0.57 -109.23 N | 42.22 1.22 -31.43 N | |
| PPL_SHRM_GT4 24214 | 55.30 0.69 -48.45 N | -179.18 -55.00 -405.56 N | 112.88 -0.60 -120.75 N | 64.38 0.31 -61.11 N | 109.02 -0.35 -113.28 N | 93.36 1.39 -79.39 N | 71.01 4.28 -29.90 N | 125.91 -16.12 -271.96 N | 132.27 2.08 -114.24 N | 134.01 1.22 -123.59 N | 130.47 1.57 -116.67 N | 377.09 0.79 -370.36 N | 123.14 3.38 -96.13 N | 123.25 -1.25 -133.76 N | 124.12 -1.04 -132.98 N | 123.63 4.42 -86.25 N | 121.26 -1.50 -134.28 N | 122.30 -1.99 -140.16 N | 135.56 -2.35 -158.82 N | 157.11 -2.91 -186.77 N | 185.80 -1.49 -198.35 N | 240.02 1.41 -226.24 N | 104.22 -0.57 -109.23 N | 42.22 1.22 -31.43 N | |
| PROJECT___ORANGE 1 24174 | 10.85 -0.05 -4.74 N | -485.89 4.19 -39.67 N | 4.60 0.06 -11.81 N | 9.02 -0.02 -6.09 N | 7.42 0.03 -11.29 N | 20.41 -0.09 -7.92 N | 39.53 -0.28 -2.98 N | -101.35 1.45 -27.14 N | 26.78 -0.11 -10.92 N | 11.80 -0.05 -2.65 N | 15.45 -0.07 -3.29 N | 12.56 -0.04 -6.66 N | 26.86 -0.14 -3.37 N | 1.41 0.06 -10.61 N | 2.40 0.05 -10.17 N | 37.34 -0.25 -4.64 N | -2.20 0.08 -9.24 N | -3.50 0.11 -12.26 N | -4.93 0.13 -15.85 N | -7.92 0.19 -18.64 N | -2.27 0.09 -8.68 N | 13.08 -0.07 -0.77 N | 6.50 0.04 -10.90 N | 12.63 -0.08 -3.14 N | |
| PROJECT___ORANGE 2 24166 | 10.85 -0.05 -4.74 N | -485.89 4.19 -39.67 N | 4.60 0.06 -11.81 N | 9.02 -0.02 -6.09 N | 7.42 0.03 -11.29 N | 20.41 -0.09 -7.92 N | 39.53 -0.28 -2.98 N | -101.35 1.45 -27.14 N | 26.78 -0.11 -10.92 N | 11.80 -0.05 -2.65 N | 15.45 -0.07 -3.29 N | 12.56 -0.04 -6.66 N | 26.86 -0.14 -3.37 N | 1.41 0.06 -10.61 N | 2.40 0.05 -10.17 N | 37.34 -0.25 -4.64 N | -2.20 0.08 -9.24 N | -3.50 0.11 -12.26 N | -4.93 0.13 -15.85 N | -7.92 0.19 -18.64 N | -2.27 0.09 -8.68 N | 13.08 -0.07 -0.77 N | 6.50 0.04 -10.90 N | 12.63 -0.08 -3.14 N | |
| PYRITES___HYD 24023 | 3.96 -0.49 1.71 N | -495.80 48.25 14.30 N | -10.85 0.69 4.26 N | 0.47 -0.28 2.21 N | -7.63 0.37 4.10 N | 8.40 -1.33 2.86 N | 32.32 -3.44 1.07 N | -128.27 11.40 9.75 N | 10.66 -1.38 3.92 N | 7.36 -0.89 0.95 N | 9.84 -1.21 1.18 N | 2.91 -0.64 2.38 N | 19.28 -3.15 1.21 N | -11.85 1.20 3.79 N | -10.44 1.02 3.64 N | 27.26 -4.02 1.66 N | -13.41 1.45 3.34 N | -18.16 2.13 4.42 N | -24.54 2.09 5.72 N | -31.24 2.24 6.73 N | -13.14 1.04 3.14 N | 11.05 -1.05 0.28 N | -7.97 0.40 3.93 N | 7.58 -0.85 1.13 N | |
| RAMAPO___LBMP 323565 | 53.61 0.41 -47.04 N | -171.10 -35.16 -393.80 N | 109.52 -0.46 -117.25 N | 62.58 0.21 -59.41 N | 105.94 -0.28 -110.13 N | 90.71 0.95 -77.18 N | 68.82 2.92 -29.07 N | 123.93 -10.54 -264.40 N | 123.69 1.33 -106.41 N | 126.95 0.77 -116.98 N | 109.96 1.00 -96.73 N | 71.29 0.50 -64.85 N | 58.58 2.12 -32.82 N | 93.15 -0.82 -103.23 N | 90.50 -0.69 -99.01 N | 80.99 2.88 -45.16 N | 77.56 -0.99 -90.06 N | 102.20 -1.35 -119.41 N | 131.78 -1.70 -154.39 N | 152.63 -2.18 -181.56 N | 72.56 -0.97 -84.58 N | 20.87 1.02 -7.48 N | 101.36 -0.39 -106.18 N | 40.94 0.81 -30.56 N | |
| RANKINE____ 23646 | 13.22 -0.38 -7.44 N | -440.38 27.08 -62.29 N | 11.66 0.39 -18.54 N | 12.34 -0.18 -9.56 N | 14.06 0.24 -17.73 N | 24.25 -0.82 -12.50 N | 38.80 -2.79 -4.76 N | -76.09 10.53 -43.32 N | 31.81 -1.61 -17.46 N | 12.51 -0.93 -4.24 N | 16.30 -1.18 -5.26 N | 15.99 -0.58 -10.65 N | 26.48 -2.53 -5.38 N | 8.61 0.96 -16.92 N | 9.19 0.78 -16.23 N | 36.88 -3.47 -7.40 N | 4.43 1.20 -14.75 N | 5.29 1.59 -19.56 N | 6.38 2.00 -25.29 N | 5.49 2.50 -29.74 N | 3.98 1.18 -13.86 N | 12.37 -1.23 -1.23 N | 13.41 0.46 -17.39 N | 13.79 -0.78 -5.01 N | |
| RAVENSWOOD_GT2_1 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.58 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------|--------|---------|---------|--------|---------|--------|--------|---------|---------|---------|---------|--------|--------|---------|---------|--------|--------|---------|---------|---------|--------|---------|---------|--------|
| 24244 | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.18 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT2_2 | 24245 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.58 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 |
| | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.18 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT2_3 | 24246 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.81 | 133.59 | 115.10 | 73.18 | 59.73 | 96.01 | 93.25 | 82.60 | 80.11 | 105.78 | 136.00 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 |
| | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.19 | -1.10 | -1.50 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.91 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT2_4 | 24247 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.81 | 133.59 | 115.10 | 73.18 | 59.73 | 96.01 | 93.25 | 82.60 | 80.11 | 105.78 | 136.00 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 |
| | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.19 | -1.10 | -1.50 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.91 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT3_1 | 24248 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.59 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 |
| | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.19 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.91 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT3_2 | 24249 | 55.07 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.59 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 104.35 | 41.90 |
| | | 0.46 | -37.96 | -0.48 | 0.22 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.19 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.91 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT3_3 | 24250 | 55.07 | -162.87 | 112.97 | 64.28 | 109.07 | 92.96 | 69.82 | 130.68 | 126.82 | 133.61 | 115.12 | 73.19 | 59.76 | 95.99 | 93.24 | 82.64 | 80.09 | 105.75 | 135.97 | 157.55 | 74.86 | 25.05 | 104.34 | 41.92 |
| | | 0.47 | -38.63 | -0.49 | 0.22 | -0.28 | 1.00 | 3.10 | -11.32 | 1.43 | 0.83 | 1.10 | 0.56 | 2.37 | -0.92 | -0.77 | 3.24 | -1.12 | -1.52 | -1.91 | -2.44 | -1.08 | 1.13 | -0.43 | 0.92 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT3_4 | 24251 | 55.07 | -162.87 | 112.97 | 64.28 | 109.07 | 92.96 | 69.82 | 130.68 | 126.82 | 133.61 | 115.12 | 73.19 | 59.76 | 95.99 | 93.24 | 82.64 | 80.09 | 105.75 | 135.97 | 157.55 | 74.86 | 25.05 | 104.34 | 41.92 |
| | | 0.47 | -38.63 | -0.49 | 0.22 | -0.28 | 1.00 | 3.10 | -11.32 | 1.43 | 0.83 | 1.10 | 0.56 | 2.37 | -0.92 | -0.77 | 3.24 | -1.12 | -1.52 | -1.91 | -2.44 | -1.08 | 1.13 | -0.43 | 0.92 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -109.21 | -31.43 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_1 | 23729 | 55.09 | -163.72 | 112.97 | 64.29 | 109.07 | 92.98 | 69.86 | 130.54 | 126.83 | 133.61 | 115.11 | 73.19 | 59.77 | 95.99 | 93.24 | 82.67 | 80.08 | 105.74 | 135.99 | 157.56 | 74.86 | 25.06 | 117.13 | 106.38 |
| | | 0.49 | -39.48 | -0.49 | 0.23 | -0.29 | 1.02 | 3.13 | -11.45 | 1.43 | 0.83 | 1.08 | 0.57 | 2.38 | -0.92 | -0.77 | 3.27 | -1.13 | -1.53 | -1.90 | -2.43 | -1.09 | 1.15 | -0.44 | 0.94 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -122.01 | -95.86 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_10 | 24258 | 55.06 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.58 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 105.82 | 49.34 |
| | | 0.46 | -37.96 | -0.48 | 0.21 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.18 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -110.69 | -38.86 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_11 | 24259 | 55.06 | -162.19 | 112.98 | 64.28 | 109.07 | 92.94 | 69.77 | 130.81 | 126.80 | 133.59 | 115.10 | 73.18 | 59.72 | 96.01 | 93.25 | 82.58 | 80.11 | 105.78 | 136.01 | 157.59 | 74.88 | 25.03 | 105.82 | 49.34 |
| | | 0.46 | -37.96 | -0.48 | 0.21 | -0.28 | 0.99 | 3.05 | -11.19 | 1.41 | 0.82 | 1.08 | 0.55 | 2.34 | -0.90 | -0.76 | 3.18 | -1.10 | -1.49 | -1.88 | -2.40 | -1.07 | 1.11 | -0.43 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -110.69 | -38.86 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_4 | 24252 | 55.06 | -162.14 | 112.98 | 64.28 | 109.07 | 92.94 | 69.76 | 130.94 | 126.80 | 133.59 | 115.10 | 73.18 | 59.71 | 96.01 | 93.25 | 82.57 | 80.12 | 105.78 | 136.01 | 157.60 | 74.88 | 25.03 | 114.09 | 90.96 |
| | | 0.46 | -37.90 | -0.48 | 0.21 | -0.28 | 0.99 | 3.04 | -11.06 | 1.40 | 0.82 | 1.08 | 0.55 | 2.32 | -0.90 | -0.76 | 3.17 | -1.09 | -1.49 | -1.87 | -2.40 | -1.07 | 1.11 | -0.42 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -118.96 | -80.49 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_5 | 24254 | 55.06 | -162.14 | 112.98 | 64.28 | 109.07 | 92.94 | 69.76 | 130.94 | 126.80 | 133.59 | 115.10 | 73.18 | 59.71 | 96.01 | 93.25 | 82.57 | 80.12 | 105.78 | 136.01 | 157.60 | 74.88 | 25.03 | 114.09 | 90.96 |
| | | 0.46 | -37.90 | -0.48 | 0.21 | -0.28 | 0.99 | 3.04 | -11.06 | 1.40 | 0.82 | 1.08 | 0.55 | 2.32 | -0.90 | -0.76 | 3.17 | -1.09 | -1.49 | -1.87 | -2.40 | -1.07 | 1.11 | -0.42 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -118.96 | -80.49 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_6 | 24253 | 55.06 | -162.14 | 112.98 | 64.28 | 109.07 | 92.94 | 69.76 | 130.94 | 126.80 | 133.59 | 115.10 | 73.18 | 59.71 | 96.01 | 93.25 | 82.57 | 80.12 | 105.78 | 136.01 | 157.60 | 74.88 | 25.03 | 114.09 | 90.96 |
| | | 0.46 | -37.90 | -0.48 | 0.21 | -0.28 | 0.99 | 3.04 | -11.06 | 1.40 | 0.82 | 1.08 | 0.55 | 2.32 | -0.90 | -0.76 | 3.17 | -1.09 | -1.49 | -1.87 | -2.40 | -1.07 | 1.11 | -0.42 | 0.90 |
| | | -48.44 | -405.51 | -120.74 | -61.10 | -113.26 | -79.38 | -29.89 | -271.93 | -109.43 | -123.57 | -101.80 | -66.70 | -33.76 | -106.18 | -101.83 | -46.45 | -92.73 | -123.14 | -158.79 | -186.74 | -87.00 | -115.54 | -118.96 | -80.49 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|
| RAVENSWOOD_GT_7 24255 | 55.06 0.46 -48.44 N | -162.14 -37.96 -405.51 N | 112.98 -0.48 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.94 0.99 -79.38 N | 69.76 3.04 -29.89 N | 130.94 -11.06 -271.93 N | 126.80 1.40 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.71 2.32 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.57 3.17 -46.45 N | 80.12 -1.09 -92.73 N | 105.78 -1.49 -123.14 N | 136.01 -1.87 -158.79 N | 157.60 -2.40 -186.74 N | 74.88 -1.07 -87.00 N | 25.03 1.11 -11.54 N | 114.09 -0.42 -118.96 N | 90.96 0.90 -80.49 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 55.06 0.46 -48.44 N | -162.19 -37.96 -405.51 N | 112.98 -0.48 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.94 0.99 -79.38 N | 69.77 3.05 -29.89 N | 130.81 -11.19 -271.93 N | 126.80 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.72 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.58 3.18 -46.45 N | 80.11 -1.10 -92.73 N | 105.78 -1.49 -123.14 N | 136.01 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.88 -1.07 -87.00 N | 25.03 1.11 -11.54 N | 105.82 -0.43 -110.69 N | 49.34 0.90 -38.86 N |
| RAVENSWOOD_GT_9 24257 | 55.06 0.46 -48.44 N | -162.19 -37.96 -405.51 N | 112.98 -0.48 -120.74 N | 64.28 0.21 -61.10 N | 109.07 -0.28 -113.26 N | 92.94 0.99 -79.38 N | 69.77 3.05 -29.89 N | 130.81 -11.19 -271.93 N | 126.80 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.72 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.58 3.18 -46.45 N | 80.11 -1.10 -92.73 N | 105.78 -1.49 -123.14 N | 136.01 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.88 -1.07 -87.00 N | 25.03 1.11 -11.54 N | 105.82 -0.43 -110.69 N | 49.34 0.90 -38.86 N |
| RAVENSWOOD___1 23533 | 55.09 0.48 -48.44 N | -163.40 -39.16 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.85 3.12 -29.89 N | 130.54 -11.45 -271.93 N | 126.82 1.43 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.19 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.18 N | 93.24 -0.77 -101.83 N | 82.67 3.27 -46.45 N | 80.09 -1.12 -92.73 N | 105.74 -1.53 -123.14 N | 135.99 -1.89 -158.79 N | 157.56 -2.43 -186.74 N | 74.86 -1.09 -87.00 N | 25.06 1.15 -11.54 N | 104.34 -0.44 -109.21 N | 41.94 0.94 -31.43 N |
| RAVENSWOOD___2 23534 | 55.05 0.45 -48.44 N | -160.96 -36.73 -405.51 N | 113.02 -0.44 -120.74 N | 64.27 0.21 -61.10 N | 109.09 -0.27 -113.26 N | 92.91 0.95 -79.38 N | 69.62 2.90 -29.89 N | 131.18 -10.81 -271.93 N | 126.65 1.25 -109.43 N | 133.48 0.71 -123.57 N | 114.90 0.88 -101.80 N | 73.12 0.49 -66.70 N | 59.47 2.08 -33.76 N | 96.11 -0.79 -106.18 N | 93.34 -0.67 -101.83 N | 82.31 2.91 -46.45 N | 80.18 -1.03 -92.73 N | 105.88 -1.40 -123.14 N | 136.26 -1.63 -158.79 N | 157.95 -2.04 -186.74 N | 74.99 -0.96 -87.00 N | 24.93 1.01 -11.54 N | 117.17 -0.40 -122.01 N | 106.32 0.88 -95.86 N |
| RAVENSWOOD___3 23535 | 55.07 0.46 -48.44 N | -162.19 -37.96 -405.51 N | 112.98 -0.48 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.28 -113.26 N | 92.94 0.99 -79.38 N | 69.77 3.05 -29.89 N | 130.81 -11.19 -271.93 N | 126.81 1.41 -109.43 N | 133.59 0.82 -123.57 N | 115.10 1.08 -101.80 N | 73.18 0.55 -66.70 N | 59.73 2.34 -33.76 N | 96.01 -0.90 -106.18 N | 93.25 -0.76 -101.83 N | 82.60 3.19 -46.45 N | 80.11 -1.10 -92.73 N | 105.78 -1.50 -123.14 N | 136.00 -1.88 -158.79 N | 157.59 -2.40 -186.74 N | 74.88 -1.07 -87.00 N | 25.03 1.11 -11.54 N | 104.35 -0.43 -109.21 N | 41.90 0.91 -31.43 N |
| RAVENSWOOD___4 23820 | 55.08 0.48 -48.44 N | -163.34 -39.10 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.96 1.01 -79.38 N | 69.84 3.12 -29.89 N | 130.54 -11.45 -271.93 N | 126.82 1.42 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.18 N | 93.24 -0.77 -101.83 N | 82.67 3.26 -46.45 N | 80.09 -1.12 -92.73 N | 105.75 -1.53 -123.14 N | 135.99 -1.89 -158.79 N | 157.57 -2.43 -186.74 N | 74.86 -1.09 -87.00 N | 25.06 1.15 -11.54 N | 91.74 -0.44 -96.62 N | -21.52 0.94 32.03 N |
| RCPL_TRUST___DRP 24196 | 55.06 0.46 -48.44 N | -162.37 -38.13 -405.50 N | 112.97 -0.48 -120.74 N | 64.28 0.22 -61.10 N | 109.07 -0.29 -113.26 N | 92.95 0.99 -79.37 N | 69.79 3.07 -29.89 N | 130.80 -11.19 -271.92 N | 126.81 1.42 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.18 0.56 -66.70 N | 59.73 2.34 -33.76 N | 96.00 -0.91 -106.17 N | 93.25 -0.77 -101.83 N | 82.61 3.20 -46.45 N | 80.10 -1.10 -92.72 N | 105.74 -1.50 -123.11 N | 135.99 -1.89 -158.79 N | 157.58 -2.41 -186.74 N | 74.87 -1.07 -87.00 N | 24.63 1.12 -11.13 N | 104.35 -0.43 -109.21 N | 41.90 0.90 -31.43 N |
| RENSSELAER___COGEN 23796 | 67.69 0.23 -61.31 N | -37.22 -20.37 -512.89 N | 145.15 -0.28 -152.71 N | 81.92 0.11 -78.84 N | 142.08 -0.15 -146.14 N | 115.50 0.49 -102.43 N | 76.85 1.45 -38.58 N | 215.77 -5.20 -350.91 N | 157.88 0.56 -141.36 N | 47.92 0.32 -38.40 N | 58.13 0.41 -45.50 N | 92.42 0.20 -86.29 N | 68.11 0.80 -43.68 N | 127.81 -0.30 -137.37 N | 123.68 -0.25 -131.75 N | 94.14 1.09 -60.10 N | 107.94 -0.39 -119.85 N | 142.50 -0.53 -158.90 N | 183.90 -0.64 -205.45 N | 214.03 -0.83 -241.61 N | 101.16 -0.34 -112.56 N | 22.70 0.37 -9.96 N | 136.72 -0.14 -141.30 N | 50.55 0.32 -40.66 N |
| REVERE_CPPR_DRP 24186 | 7.25 0.06 -1.02 N | -524.97 -3.80 -8.58 N | -4.77 -0.05 -2.55 N | 4.29 0.02 -1.31 N | -1.51 -0.03 -2.43 N | 14.38 0.09 -1.71 N | 37.79 0.31 -0.65 N | -125.07 -1.02 -5.88 N | 18.60 0.27 -2.37 N | 9.95 0.17 -0.58 N | 13.17 0.23 -0.72 N | 7.48 0.09 -1.45 N | 24.69 0.32 -0.73 N | -7.07 -0.11 -2.31 N | -5.70 -0.10 -2.22 N | 34.34 0.38 -1.01 N | -9.67 -0.15 -2.00 N | -13.43 -0.21 -2.65 N | -17.81 -0.32 -3.42 N | -23.12 -0.39 -4.03 N | -9.32 -0.15 -1.88 N | 12.75 0.21 -0.17 N | -2.13 -0.05 -2.36 N | 10.33 0.08 -0.68 N |
| ROCHESTER_9_IC 23652 | 11.14 -0.23 -5.22 N | -466.78 19.31 -43.66 N | 5.98 0.26 -13.00 N | 9.53 -0.14 -6.70 N | 8.70 0.18 -12.42 N | 20.68 -0.64 -8.73 N | 38.11 -2.02 -3.31 N | -92.97 6.88 -30.09 N | 27.06 -1.02 -12.11 N | 11.60 -0.54 -2.94 N | 15.20 -0.66 -3.65 N | 12.99 -0.33 -7.38 N | 25.92 -1.45 -3.74 N | 3.05 0.55 -11.76 N | 3.90 0.44 -11.28 N | 36.07 -2.02 -5.14 N | -0.57 0.70 -10.25 N | -1.35 0.93 -13.59 N | -2.16 1.18 -17.58 N | -4.62 1.46 -20.67 N | -0.73 0.69 -9.63 N | 12.50 -0.72 -0.85 N | 7.93 0.28 -12.09 N | 12.52 -0.53 -3.48 N |
| ROSETON___1 23587 | 54.95 0.36 -48.44 N | -154.54 -30.25 -405.46 N | 113.06 -0.39 -120.72 N | 64.46 0.18 -61.32 N | 109.53 -0.23 -113.67 N | 93.05 0.81 -79.66 N | 69.29 2.46 -30.00 N | 134.00 -8.98 -272.91 N | 126.91 1.12 -109.83 N | 129.64 0.65 -119.79 N | 112.24 0.85 -99.17 N | 73.30 0.43 -66.93 N | 59.32 1.81 -33.88 N | 96.58 -0.70 -106.55 N | 93.78 -0.59 -102.19 N | 82.04 2.48 -46.61 N | 80.58 -0.85 -92.96 N | 106.21 -1.17 -123.25 N | 136.97 -1.47 -159.35 N | 158.76 -1.89 -187.40 N | 75.42 -0.83 -87.30 N | 20.97 0.87 -7.72 N | 104.83 -0.33 -109.60 N | 41.80 0.69 -31.54 N |
| ROSETON___2 23588 | 54.95 0.36 -48.44 N | -154.54 -30.25 -405.46 N | 113.06 -0.39 -120.72 N | 64.46 0.18 -61.32 N | 109.53 -0.23 -113.67 N | 93.05 0.81 -79.66 N | 69.29 2.46 -30.00 N | 134.00 -8.98 -272.91 N | 126.91 1.12 -109.83 N | 129.64 0.65 -119.79 N | 112.24 0.85 -99.17 N | 73.30 0.43 -66.93 N | 59.32 1.81 -33.88 N | 96.58 -0.70 -106.55 N | 93.78 -0.59 -102.19 N | 82.04 2.48 -46.61 N | 80.58 -0.85 -92.96 N | 106.21 -1.17 -123.25 N | 136.97 -1.47 -159.35 N | 158.76 -1.89 -187.40 N | 75.42 -0.83 -87.30 N | 20.97 0.87 -7.72 N | 104.83 -0.33 -109.60 N | 41.80 0.69 -31.54 N |
| RUSSELL___1 23602 | 11.18 -0.14 -5.16 N | -475.61 10.93 -43.20 N | 5.73 0.14 -12.86 N | 9.51 -0.09 -6.63 N | 8.50 0.11 -12.30 N | 20.82 -0.40 -8.64 N | 38.79 -1.31 -3.27 N | -95.74 4.43 -29.76 N | 27.31 -0.63 -11.98 N | 11.79 -0.33 -2.91 N | 15.45 -0.37 -3.61 N | 13.05 -0.19 -7.31 N | 26.45 -0.88 -3.70 N | 2.70 0.33 -11.63 N | 3.59 0.26 -11.15 N | 36.78 -1.26 -5.09 N | -0.95 0.43 -10.14 N | -1.86 0.56 -13.45 N | -2.82 0.71 -17.39 N | -5.44 0.86 -20.45 N | -1.09 0.44 -9.53 N | 12.79 -0.43 -0.84 N | 7.72 0.20 -11.96 N | 12.65 -0.37 -3.44 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------|---------|---------|--------|---------|---------|--------|---------|---------|---------|---------|---------|--------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|--------|---|---|---|
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RUSSELL___2 | 11.18 | -475.61 | 5.73 | 9.51 | 8.50 | 20.82 | 38.79 | -95.74 | 27.31 | 11.79 | 15.45 | 13.05 | 26.45 | 2.70 | 3.59 | 36.78 | -0.95 | -1.86 | -2.82 | -5.44 | -1.09 | 12.79 | 7.72 | 12.65 | | | |
| 23532 | -0.14 | 10.93 | 0.14 | -0.09 | 0.11 | -0.40 | -1.31 | 4.43 | -0.63 | -0.33 | -0.37 | -0.19 | -0.88 | 0.33 | 0.26 | -1.26 | 0.43 | 0.56 | 0.71 | 0.86 | 0.44 | -0.43 | 0.20 | -0.37 | | | |
| | -5.16 | -43.20 | -12.86 | -6.63 | -12.30 | -8.64 | -3.27 | -29.76 | -11.98 | -2.91 | -3.61 | -7.31 | -3.70 | -11.63 | -11.15 | -5.09 | -10.14 | -13.45 | -17.39 | -20.45 | -9.53 | -0.84 | -11.96 | -3.44 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| RUSSELL___3 | 11.14 | -468.49 | 5.94 | 9.53 | 8.66 | 20.72 | 38.28 | -93.52 | 27.13 | 11.64 | 15.25 | 13.01 | 26.02 | 2.99 | 3.86 | 36.20 | -0.63 | -1.43 | -2.26 | -4.75 | -0.79 | 12.55 | 7.90 | 12.54 | | | |
| 23549 | -0.23 | 17.66 | 0.24 | -0.13 | 0.16 | -0.58 | -1.85 | 6.37 | -0.92 | -0.50 | -0.61 | -0.30 | -1.35 | 0.51 | 0.41 | -1.89 | 0.65 | 0.86 | 1.09 | 1.36 | 0.65 | -0.67 | 0.27 | -0.50 | | | |
| | -5.21 | -43.59 | -12.98 | -6.69 | -12.41 | -8.72 | -3.30 | -30.04 | -12.09 | -2.94 | -3.64 | -7.38 | -3.73 | -11.74 | -11.26 | -5.14 | -10.24 | -13.58 | -17.55 | -20.45 | -9.62 | -0.85 | -12.07 | -3.47 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| RUSSELL___4 | 11.18 | -475.23 | 5.74 | 9.50 | 8.50 | 20.81 | 38.77 | -95.61 | 27.31 | 11.78 | 15.45 | 13.05 | 26.44 | 2.70 | 3.60 | 36.77 | -0.94 | -1.85 | -2.81 | -5.42 | -1.08 | 12.78 | 7.72 | 12.64 | | | |
| 23556 | -0.14 | 11.30 | 0.15 | -0.09 | 0.11 | -0.41 | -1.33 | 4.56 | -0.64 | -0.33 | -0.38 | -0.19 | -0.89 | 0.33 | 0.26 | -1.28 | 0.44 | 0.57 | 0.72 | 0.88 | 0.44 | -0.44 | 0.20 | -0.37 | | | |
| | -5.16 | -43.21 | -12.86 | -6.63 | -12.30 | -8.64 | -3.27 | -29.76 | -11.98 | -2.91 | -3.61 | -7.31 | -3.70 | -11.63 | -11.16 | -5.09 | -10.14 | -13.45 | -17.39 | -20.45 | -9.53 | -0.84 | -11.96 | -3.44 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| RUSSELL___STATION | 11.14 | -468.49 | 5.94 | 9.53 | 8.66 | 20.72 | 38.28 | -93.52 | 27.13 | 11.64 | 15.25 | 13.01 | 26.02 | 2.99 | 3.86 | 36.20 | -0.63 | -1.43 | -2.26 | -4.75 | -0.79 | 12.55 | 7.90 | 12.54 | | | |
| 23914 | -0.23 | 17.66 | 0.24 | -0.13 | 0.16 | -0.58 | -1.85 | 6.37 | -0.92 | -0.50 | -0.61 | -0.30 | -1.35 | 0.51 | 0.41 | -1.89 | 0.65 | 0.86 | 1.09 | 1.36 | 0.65 | -0.67 | 0.27 | -0.50 | | | |
| | -5.21 | -43.59 | -12.98 | -6.69 | -12.41 | -8.72 | -3.30 | -30.04 | -12.09 | -2.94 | -3.64 | -7.38 | -3.73 | -11.74 | -11.26 | -5.14 | -10.24 | -13.58 | -17.55 | -20.45 | -9.62 | -0.85 | -12.07 | -3.47 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| S SALMON___HYD | 9.25 | -493.23 | 0.84 | 7.01 | 3.79 | 17.67 | 38.11 | -108.98 | 23.10 | 10.86 | 14.28 | 10.34 | 25.48 | -1.91 | -0.79 | 35.44 | -5.06 | -7.29 | -9.88 | -13.76 | -4.99 | 12.72 | 3.01 | 11.52 | | | |
| 24043 | -0.12 | 9.72 | 0.14 | -0.06 | 0.08 | -0.26 | -0.74 | 2.61 | -0.25 | -0.14 | -0.17 | -0.09 | -0.43 | 0.18 | 0.15 | -0.65 | 0.21 | 0.29 | 0.32 | 0.39 | 0.19 | -0.18 | 0.08 | -0.17 | | | |
| | -3.20 | -26.80 | -7.98 | -4.11 | -7.62 | -5.35 | -2.02 | -18.35 | -7.39 | -1.79 | -2.23 | -4.51 | -2.28 | -7.17 | -6.88 | -3.14 | -6.25 | -8.29 | -10.71 | -12.60 | -5.87 | -0.52 | -7.37 | -2.12 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SELKIRK___II | 67.41 | -35.75 | 144.55 | 81.62 | 141.59 | 115.09 | 76.46 | 215.75 | 157.45 | 43.71 | 55.06 | 92.32 | 67.81 | 127.87 | 123.73 | 93.75 | 107.97 | 142.55 | 183.94 | 214.12 | 101.18 | 22.57 | 136.65 | 50.41 | | | |
| 23799 | 0.16 | -16.70 | -0.23 | 0.10 | -0.13 | 0.41 | 1.17 | -4.17 | 0.40 | 0.19 | 0.23 | 0.12 | 0.51 | -0.20 | -0.16 | 0.72 | -0.25 | -0.35 | -0.42 | -0.54 | -0.24 | 0.24 | -0.10 | 0.22 | | | |
| | -61.09 | -510.70 | -152.06 | -78.57 | -145.63 | -102.10 | -38.46 | -349.85 | -141.09 | -34.33 | -42.60 | -86.27 | -43.66 | -137.33 | -131.71 | -60.07 | -119.75 | -158.77 | -205.28 | -241.41 | -112.47 | -9.95 | -141.19 | -40.63 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SELKIRK___I | 67.24 | -36.96 | 144.17 | 81.42 | 141.21 | 114.84 | 76.45 | 214.49 | 157.05 | 43.58 | 54.90 | 91.91 | 67.69 | 127.15 | 123.05 | 93.57 | 107.33 | 141.69 | 182.83 | 212.79 | 100.55 | 22.57 | 135.91 | 50.28 | | | |
| 23801 | 0.18 | -16.66 | -0.23 | 0.10 | -0.13 | 0.42 | 1.26 | -4.56 | 0.49 | 0.22 | 0.28 | 0.14 | 0.60 | -0.23 | -0.19 | 0.84 | -0.29 | -0.40 | -0.49 | -0.64 | -0.29 | 0.29 | -0.12 | 0.28 | | | |
| | -60.90 | -509.44 | -151.68 | -78.36 | -145.25 | -101.84 | -38.36 | -348.98 | -140.60 | -34.16 | -42.40 | -85.84 | -43.45 | -136.65 | -131.06 | -59.77 | -119.14 | -157.96 | -204.23 | -240.18 | -111.89 | -9.90 | -140.47 | -40.42 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SENECA OSWGO___HYD | 9.91 | -486.50 | 2.58 | 7.90 | 5.46 | 18.81 | 38.45 | -104.62 | 24.60 | 11.20 | 14.70 | 11.30 | 25.93 | -0.35 | 0.71 | 36.07 | -3.68 | -5.46 | -7.46 | -10.89 | -3.67 | 12.77 | 4.63 | 11.95 | | | |
| 24041 | -0.15 | 10.64 | 0.15 | -0.06 | 0.09 | -0.28 | -0.84 | 2.99 | -0.35 | -0.19 | -0.23 | -0.12 | -0.48 | 0.19 | 0.15 | -0.70 | 0.24 | 0.32 | 0.42 | 0.53 | 0.23 | -0.24 | 0.10 | -0.21 | | | |
| | -3.90 | -32.61 | -9.71 | -5.01 | -9.28 | -6.51 | -2.45 | -22.32 | -8.99 | -2.18 | -2.71 | -5.48 | -2.77 | -8.72 | -8.37 | -3.82 | -7.61 | -10.08 | -13.04 | -15.33 | -7.14 | -0.63 | -8.97 | -2.58 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SENECA___ENERGY | 11.82 | -473.16 | 7.22 | 10.31 | 9.89 | 21.99 | 39.69 | -93.47 | 28.94 | 12.27 | 16.03 | 13.93 | 27.25 | 3.85 | 4.72 | 37.80 | -0.02 | -0.62 | -1.23 | -3.55 | -0.20 | 13.09 | 8.96 | 13.17 | | | |
| 23797 | -0.10 | 8.34 | 0.13 | -0.06 | 0.07 | -0.22 | -0.78 | 3.42 | -0.32 | -0.16 | -0.20 | -0.11 | -0.49 | 0.20 | 0.15 | -0.80 | 0.24 | 0.32 | 0.38 | 0.50 | 0.27 | -0.23 | 0.13 | -0.23 | | | |
| | -5.77 | -48.25 | -14.37 | -7.41 | -13.73 | -9.63 | -3.63 | -33.04 | -13.30 | -3.23 | -4.01 | -8.11 | -4.11 | -12.91 | -12.39 | -5.65 | -11.26 | -14.93 | -19.30 | -22.70 | -10.58 | -0.94 | -13.28 | -3.82 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SHOEMAKER___GT | 51.03 | -185.42 | 103.35 | 59.48 | 100.32 | 86.55 | 66.74 | 112.38 | 117.95 | 115.63 | 101.13 | 67.84 | 56.45 | 87.98 | 85.52 | 78.10 | 73.09 | 96.28 | 124.12 | 143.68 | 68.38 | 20.30 | 95.95 | 39.20 | | | |
| 23640 | 0.34 | -28.48 | -0.37 | 0.17 | -0.22 | 0.77 | 2.34 | -8.46 | 1.07 | 0.62 | 0.81 | 0.40 | 1.69 | -0.66 | -0.56 | 2.32 | -0.79 | -1.09 | -1.38 | -1.76 | -0.78 | 0.82 | -0.31 | 0.65 | | | |
| | -44.53 | -372.81 | -111.00 | -56.35 | -104.45 | -73.20 | -27.57 | -250.77 | -100.92 | -105.81 | -88.10 | -61.50 | -31.13 | -97.90 | -93.89 | -42.83 | -85.41 | -113.24 | -146.41 | -172.18 | -80.21 | -7.10 | -100.70 | -28.98 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SHOREHAM_IC_1 | 55.30 | -179.18 | 112.88 | 64.38 | 109.02 | 93.36 | 71.01 | 125.91 | 132.27 | 134.01 | 130.47 | 377.09 | 123.14 | 123.25 | 124.12 | 123.63 | 121.26 | 122.30 | 135.56 | 157.11 | 185.80 | 240.02 | 104.22 | 42.22 | | | |
| 23715 | 0.69 | -55.00 | -0.60 | 0.31 | -0.35 | 1.39 | 4.28 | -16.12 | 2.08 | 1.22 | 1.57 | 0.79 | 3.38 | -1.25 | -1.04 | 4.42 | -1.50 | -1.99 | -2.35 | -2.91 | -1.49 | 1.41 | -0.57 | 1.22 | | | |
| | -48.45 | -405.56 | -120.75 | -61.11 | -113.28 | -79.39 | -29.90 | -271.96 | -114.24 | -123.59 | -116.67 | -370.36 | -96.13 | -133.76 | -132.98 | -86.25 | -134.28 | -140.16 | -158.82 | -186.77 | -198.35 | -226.24 | -109.23 | -31.43 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SHOREHAM_IC_2 | 55.30 | -179.18 | 112.88 | 64.38 | 109.02 | 93.36 | 71.01 | 125.91 | 132.27 | 134.01 | 130.47 | 377.09 | 123.14 | 123.25 | 124.12 | 123.63 | 121.26 | 122.30 | 135.56 | 157.11 | 185.80 | 240.02 | 104.22 | 42.22 | | | |
| 23716 | 0.69 | -55.00 | -0.60 | 0.31 | -0.35 | 1.39 | 4.28 | -16.12 | 2.08 | 1.22 | 1.57 | 0.79 | 3.38 | -1.25 | -1.04 | 4.42 | -1.50 | -1.99 | -2.35 | -2.91 | -1.49 | 1.41 | -0.57 | 1.22 | | | |
| | -48.45 | -405.56 | -120.75 | -61.11 | -113.28 | -79.39 | -29.90 | -271.96 | -114.24 | -123.59 | -116.67 | -370.36 | -96.13 | -133.76 | -132.98 | -86.25 | -134.28 | -140.16 | -158.82 | -186.77 | -198.35 | -226.24 | -109.23 | -31.43 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SISSONVILLE___ | 3.99 | -493.54 | -10.69 | 0.53 | -7.49 | 8.47 | 32.27 | -127.56 | 10.74 | 7.36 | 9.82 | 2.96 | 19.17 | -11.66 | -10.26 | 27.10 | -13.22 | -17.91 | -24.28 | -30.91 | -13.00 | 11.01 | -7.83 | 7.60 | | | |
| 23735 | -0.52 | 50.03 | 0.71 | -0.29 | 0.38 | -1.35 | -3.53 | 11.80 | -1.44 | -0.93 | -1.26 | -0.67 | -3.30 | 1.27 | 1.07 | -4.25 | 1.53 | 2.23 | 2.16 | 2.34 | 1.08 | -1.09 | 0.41 | -0.88 | | | |
| | 1.65 | 13.82 | 4.12 | 2.14 | 3.96 | 2.76 | 1.04 | 9.42 | 3.78 | 0.92 | 1.14 | 2.30 | 1.16 | 3.66 | 3.51 | 1.61 | 3.23 | 4.28 | 5.53 | 6.50 | 3.03 | 0.27 | 3.80 | 1.09 | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | |
| SITHE_IND_GS1 | 8.78 | -490.04 | -0.05 | 6.48 | 2.92 | 16.87 | 37.37 | -109.38 | 21.90 | 10.47 | 13.77 | 9.69 | 24.82 | -2.64 | -1.50 | 34.56 | -5.62 | -8.04 | -10.78 | -14.77 | -5.50 | 12.41 | 2.20 | 11.11 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| 24169 | -0.19 -2.81 N | 16.17 -23.54 N | 0.22 -7.01 N | -0.10 -3.61 N | 0.12 -6.70 N | -0.41 -4.70 N | -1.23 -1.77 N | 4.42 -16.13 N | -0.55 -6.49 N | -0.31 -1.58 N | -0.41 -1.96 N | -0.20 -3.96 N | -0.82 -2.00 N | 0.32 -6.31 N | 0.27 -6.05 N | -1.15 -2.76 N | 0.40 -5.50 N | 0.54 -7.29 N | 0.71 -9.42 N | 0.90 -11.08 N | 0.39 -5.16 N | -0.42 -0.46 N | 0.16 -6.48 N | -0.33 -1.87 N |
| SITHE_IND_GS2 24170 | 8.78 -0.19 -2.81 N | -490.04 16.17 -23.54 N | -0.05 0.22 -7.01 N | 6.48 -0.10 -3.61 N | 2.92 0.12 -6.70 N | 16.87 -0.41 -4.70 N | 37.37 -1.23 -1.77 N | -109.38 4.42 -16.13 N | 21.90 -0.55 -6.49 N | 10.47 -0.31 -1.58 N | 13.77 -0.41 -1.96 N | 9.69 -0.20 -3.96 N | 24.82 -0.82 -2.00 N | -2.64 0.32 -6.31 N | -1.50 0.27 -6.05 N | 34.56 -1.15 -2.76 N | -5.62 0.40 -5.50 N | -8.04 0.54 -7.29 N | -10.78 0.71 -9.42 N | -14.77 0.90 -11.08 N | -5.50 0.39 -5.16 N | 12.41 -0.42 -0.46 N | 2.20 0.16 -6.48 N | 11.11 -0.33 -1.87 N |
| SITHE_IND_GS3 24171 | 8.78 -0.19 -2.81 N | -490.04 16.17 -23.54 N | -0.05 0.22 -7.01 N | 6.48 -0.10 -3.61 N | 2.92 0.12 -6.70 N | 16.87 -0.41 -4.70 N | 37.37 -1.23 -1.77 N | -109.38 4.42 -16.13 N | 21.90 -0.55 -6.49 N | 10.47 -0.31 -1.58 N | 13.77 -0.41 -1.96 N | 9.69 -0.20 -3.96 N | 24.82 -0.82 -2.00 N | -2.64 0.32 -6.31 N | -1.50 0.27 -6.05 N | 34.56 -1.15 -2.76 N | -5.62 0.40 -5.50 N | -8.04 0.54 -7.29 N | -10.78 0.71 -9.42 N | -14.77 0.90 -11.08 N | -5.50 0.39 -5.16 N | 12.41 -0.42 -0.46 N | 2.20 0.16 -6.48 N | 11.11 -0.33 -1.87 N |
| SITHE_IND_GS4 24172 | 8.78 -0.19 -2.81 N | -490.04 16.17 -23.54 N | -0.05 0.22 -7.01 N | 6.48 -0.10 -3.61 N | 2.92 0.12 -6.70 N | 16.87 -0.41 -4.70 N | 37.37 -1.23 -1.77 N | -109.38 4.42 -16.13 N | 21.90 -0.55 -6.49 N | 10.47 -0.31 -1.58 N | 13.77 -0.41 -1.96 N | 9.69 -0.20 -3.96 N | 24.82 -0.82 -2.00 N | -2.64 0.32 -6.31 N | -1.50 0.27 -6.05 N | 34.56 -1.15 -2.76 N | -5.62 0.40 -5.50 N | -8.04 0.54 -7.29 N | -10.78 0.71 -9.42 N | -14.77 0.90 -11.08 N | -5.50 0.39 -5.16 N | 12.41 -0.42 -0.46 N | 2.20 0.16 -6.48 N | 11.11 -0.33 -1.87 N |
| SITHE___BATAVIA 24024 | 12.01 -0.30 -6.16 N | -456.80 21.42 -51.52 N | 8.36 0.30 -15.34 N | 10.71 -0.16 -7.91 N | 10.96 0.21 -14.66 N | 22.16 -0.74 -10.32 N | 38.29 -2.46 -3.92 N | -85.74 8.56 -35.63 N | 28.94 -1.37 -14.35 N | 11.93 -0.75 -3.48 N | 15.59 -0.95 -4.32 N | 14.21 -0.47 -8.75 N | 25.95 -2.11 -4.43 N | 5.45 0.80 -13.92 N | 6.18 0.65 -13.35 N | 36.15 -2.90 -6.09 N | 1.61 1.00 -12.14 N | 1.54 1.31 -16.10 N | 1.55 1.65 -20.81 N | -0.25 2.03 -24.48 N | 1.32 0.97 -11.40 N | 12.36 -1.02 -1.01 N | 10.27 0.39 -14.31 N | 13.02 -0.67 -4.12 N |
| SITHE___INDEPEND 23800 | 8.78 -0.19 -2.81 N | -490.04 16.17 -23.54 N | -0.05 0.22 -7.01 N | 6.48 -0.10 -3.61 N | 2.92 0.12 -6.70 N | 16.87 -0.41 -4.70 N | 37.37 -1.23 -1.77 N | -109.38 4.42 -16.13 N | 21.90 -0.55 -6.49 N | 10.47 -0.31 -1.58 N | 13.77 -0.41 -1.96 N | 9.69 -0.20 -3.96 N | 24.82 -0.82 -2.00 N | -2.64 0.32 -6.31 N | -1.50 0.27 -6.05 N | 34.56 -1.15 -2.76 N | -5.62 0.40 -5.50 N | -8.04 0.54 -7.29 N | -10.78 0.71 -9.42 N | -14.77 0.90 -11.08 N | -5.50 0.39 -5.16 N | 12.41 -0.42 -0.46 N | 2.20 0.16 -6.48 N | 11.11 -0.33 -1.87 N |
| SITHE___MASSENA 23902 | 3.30 -0.54 2.32 N | -492.61 56.54 19.41 N | -12.26 0.80 5.78 N | -0.36 -0.33 3.00 N | -9.03 0.43 5.55 N | 7.18 -1.53 3.87 N | 31.35 -4.02 1.45 N | -129.69 13.47 13.23 N | 8.94 -1.70 5.32 N | 6.82 -1.10 1.29 N | 9.15 -1.47 1.60 N | 1.99 -0.70 3.24 N | 18.71 -3.29 1.64 N | -13.16 1.26 5.15 N | -11.69 1.06 4.94 N | 26.49 -4.20 2.26 N | -14.53 1.52 4.53 N | -19.64 2.24 6.00 N | -26.15 2.52 7.76 N | -33.16 2.72 9.13 N | -14.07 1.24 4.25 N | 10.72 -1.29 0.38 N | -9.30 0.48 5.34 N | 7.03 -1.00 1.54 N |
| SITHE___OGDNSBRG 24021 | 3.68 -0.50 1.98 N | -494.40 51.96 16.61 N | -11.49 0.73 4.95 N | 0.09 -0.30 2.56 N | -8.27 0.39 4.75 N | 7.84 -1.42 3.32 N | 31.91 -3.67 1.25 N | -129.08 12.18 11.32 N | 9.94 -1.48 4.55 N | 7.15 -0.95 1.10 N | 9.57 -1.28 1.37 N | 2.52 -0.64 2.77 N | 19.14 -3.09 1.40 N | -12.48 1.19 4.41 N | -11.04 1.01 4.23 N | 27.10 -3.92 1.93 N | -13.97 1.42 3.88 N | -18.91 2.10 5.14 N | -25.31 2.24 6.64 N | -32.19 2.37 7.81 N | -13.59 1.10 3.64 N | 10.93 -1.12 0.32 N | -8.58 0.43 4.57 N | 7.34 -0.91 1.31 N |
| SITHE___STERLING 23777 | 7.72 0.05 -1.51 N | -520.30 -3.23 -12.67 N | -3.54 -0.04 -3.77 N | 4.91 0.01 -1.94 N | -0.34 -0.03 -3.60 N | 15.19 0.08 -2.53 N | 38.05 0.27 -0.95 N | -122.02 -0.76 -8.68 N | 19.68 0.22 -3.50 N | 10.19 0.14 -0.85 N | 13.47 0.19 -1.05 N | 8.15 0.08 -2.14 N | 25.01 0.29 -1.08 N | -5.96 -0.10 -3.40 N | -4.65 -0.09 -3.26 N | 34.74 0.31 -1.49 N | -8.70 -0.13 -2.95 N | -12.13 -0.18 -3.91 N | -16.12 -0.27 -5.06 N | -21.12 -0.32 -5.95 N | -8.39 -0.11 -2.77 N | 12.80 0.18 -0.24 N | -1.00 -0.04 -3.48 N | 10.64 0.07 -1.00 N |
| SOUTH CAIRO___GT 23612 | 60.67 0.47 -54.05 N | -113.08 -38.29 -454.95 N | 127.67 -0.52 -135.46 N | 72.75 0.22 -69.58 N | 124.77 -0.29 -128.97 N | 103.93 0.95 -90.40 N | 73.72 2.84 -34.05 N | 169.66 -10.14 -309.73 N | 140.78 1.24 -123.58 N | 99.69 0.69 -89.81 N | 92.59 0.91 -79.45 N | 80.70 0.45 -74.32 N | 63.07 1.82 -37.62 N | 108.34 -0.70 -118.31 N | 105.03 -0.59 -113.44 N | 87.18 2.48 -51.74 N | 90.79 -0.86 -103.17 N | 119.73 -1.19 -136.79 N | 154.38 -1.56 -176.86 N | 179.22 -2.02 -207.99 N | 84.98 -0.86 -96.89 N | 21.88 0.93 -8.57 N | 116.87 -0.33 -121.64 N | 45.26 0.69 -35.00 N |
| SOUTH HAMPTN___IC 23720 | 55.37 0.76 -48.45 N | -185.97 -61.79 -405.56 N | 112.78 -0.69 -120.75 N | 64.42 0.35 -61.11 N | 108.97 -0.40 -113.28 N | 93.53 1.56 -79.39 N | 71.52 4.79 -29.90 N | 124.10 -17.93 -271.96 N | 132.56 2.36 -114.24 N | 134.19 1.39 -123.59 N | 130.70 1.81 -116.67 N | 377.20 0.90 -370.36 N | 123.58 3.82 -96.13 N | 123.08 -1.42 -133.76 N | 123.98 -1.18 -132.98 N | 124.24 5.03 -86.25 N | 121.05 -1.71 -134.28 N | 122.01 -2.28 -140.16 N | 135.17 -2.74 -158.82 N | 156.60 -3.42 -186.77 N | 185.59 -1.71 -198.35 N | 240.27 1.65 -226.24 N | 104.14 -0.65 -109.23 N | 42.36 1.36 -31.43 N |
| SOUTHOLD___IC 23719 | 55.62 1.01 -48.45 N | -203.72 -79.54 -405.56 N | 112.53 -0.94 -120.75 N | 64.52 0.45 -61.11 N | 108.83 -0.54 -113.28 N | 93.97 2.00 -79.39 N | 72.87 6.15 -29.90 N | 119.31 -22.72 -271.96 N | 133.27 3.07 -114.24 N | 134.63 1.84 -123.59 N | 131.30 2.40 -116.67 N | 377.48 1.18 -370.36 N | 124.71 4.95 -96.13 N | 122.65 -1.85 -133.76 N | 123.61 -1.55 -132.98 N | 125.76 6.56 -86.25 N | 120.51 -2.25 -134.28 N | 121.26 -3.03 -140.16 N | 134.17 -3.73 -158.82 N | 155.32 -4.70 -186.77 N | 185.04 -2.25 -198.35 N | 240.87 2.26 -226.24 N | 103.95 -0.84 -109.23 N | 42.74 1.74 -31.43 N |
| ST LAWRENCE___ 23600 | 3.11 -0.60 2.45 N | -488.71 61.53 20.50 N | -12.52 0.86 6.10 N | -0.56 -0.36 3.16 N | -9.31 0.47 5.86 N | 6.83 -1.65 4.09 N | 30.89 -4.40 1.54 N | -129.15 14.77 13.98 N | 8.46 -1.88 5.62 N | 6.64 -1.20 1.36 N | 8.94 -1.59 1.69 N | 1.76 -0.76 3.42 N | 18.43 -3.47 1.73 N | -13.38 1.33 5.44 N | -11.91 1.12 5.22 N | 26.11 -4.46 2.39 N | -14.70 1.61 4.79 N | -19.85 2.36 6.34 N | -26.38 2.74 8.20 N | -33.40 2.99 9.64 N | -14.19 1.35 4.49 N | 10.57 -1.42 0.40 N | -9.56 0.52 5.64 N | 6.85 -1.10 1.62 N |
| STATION 5_MISC_HYD 23604 | 11.11 -0.20 -5.15 N | -476.37 10.28 -43.09 N | 5.70 0.15 -12.83 N | 9.48 -0.09 -6.62 N | 8.47 0.11 -12.27 N | 20.79 -0.41 -8.62 N | 38.86 -1.23 -3.26 N | -96.08 4.17 -29.68 N | 27.41 -0.50 -11.95 N | 11.89 -0.21 -2.90 N | 15.59 -0.23 -3.60 N | 13.10 -0.12 -7.29 N | 26.73 -0.59 -3.69 N | 2.54 0.20 -11.60 N | 3.45 0.14 -11.12 N | 37.24 -0.78 -5.08 N | -1.12 0.28 -10.11 N | -2.10 0.36 -13.41 N | -3.15 0.42 -17.34 N | -5.85 0.51 -20.39 N | -1.24 0.31 -9.50 N | 12.95 -0.27 -0.84 N | 7.63 0.14 -11.93 N | 12.73 -0.28 -3.43 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|
| STEEL___WIND 323596 | 13.23 -0.37 -7.44 N | -440.74 26.72 -62.29 N | 11.66 0.39 -18.54 N | 12.35 -0.18 -9.56 N | 14.06 0.24 -17.73 N | 24.26 -0.81 -12.50 N | 38.83 -2.76 -4.76 N | -76.08 10.53 -43.32 N | 31.83 -1.59 -17.46 N | 12.52 -0.92 -4.24 N | 16.31 -1.17 -5.26 N | 16.00 -0.58 -10.65 N | 26.49 -2.52 -5.38 N | 8.61 0.96 -16.92 N | 9.19 0.78 -16.23 N | 36.90 -3.46 -7.40 N | 4.43 1.20 -14.75 N | 5.28 1.58 -19.56 N | 6.37 1.99 -25.29 N | 5.48 2.48 -29.74 N | 3.97 1.17 -13.86 N | 12.38 -1.22 -1.23 N | 13.41 0.46 -17.39 N | 13.80 -0.78 -5.01 N |
| STURGEON_POOL_HYD 23609 | 56.37 0.39 -49.82 N | -144.68 -32.67 -417.73 N | 116.68 -0.42 -124.37 N | 66.80 0.19 -63.65 N | 113.82 -0.25 -117.98 N | 96.13 0.85 -82.69 N | 70.63 2.65 -31.14 N | 143.76 -9.62 -283.31 N | 130.95 1.26 -113.73 N | 112.97 0.71 -103.06 N | 100.89 0.92 -87.74 N | 75.45 0.46 -69.06 N | 60.45 1.86 -34.95 N | 99.95 -0.70 -109.92 N | 96.97 -0.61 -105.39 N | 83.55 2.53 -48.07 N | 83.48 -0.86 -95.86 N | 110.06 -1.17 -127.10 N | 141.92 -1.50 -164.33 N | 164.60 -1.90 -193.25 N | 78.13 -0.84 -90.03 N | 21.24 0.90 -7.96 N | 108.25 -0.34 -113.02 N | 42.79 0.70 -32.52 N |
| SYRACUSE___ENERGY_ST1 323597 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |
| SYRACUSE___ENERGY_ST2 323598 | 10.85 -0.03 -4.72 N | -488.05 2.17 -39.53 N | 4.54 0.05 -11.77 N | 9.00 -0.02 -6.07 N | 7.36 0.02 -11.25 N | 20.40 -0.07 -7.89 N | 39.55 -0.26 -2.98 N | -101.68 1.19 -27.07 N | 26.78 -0.08 -10.90 N | 11.81 -0.03 -2.64 N | 15.47 -0.03 -3.28 N | 12.55 -0.03 -6.65 N | 26.86 -0.13 -3.36 N | 1.37 0.06 -10.58 N | 2.37 0.04 -10.15 N | 37.34 -0.24 -4.63 N | -2.24 0.06 -9.22 N | -3.56 0.08 -12.23 N | -5.01 0.09 -15.81 N | -8.03 0.12 -18.60 N | -2.31 0.08 -8.66 N | 13.09 -0.05 -0.77 N | 6.48 0.04 -10.87 N | 12.62 -0.08 -3.13 N |
| SYRACUSE___POWER 24017 | 11.20 -0.02 -5.07 N | -485.72 1.63 -42.40 N | 5.38 0.03 -12.62 N | 9.45 -0.01 -6.51 N | 8.17 0.02 -12.07 N | 21.01 -0.03 -8.46 N | 39.89 -0.13 -3.19 N | -100.13 0.80 -29.00 N | 27.63 -0.01 -11.68 N | 12.05 0.01 -2.83 N | 15.76 0.01 -3.52 N | 13.05 0.00 -7.12 N | 27.23 0.00 -3.60 N | 2.08 0.01 -11.34 N | 3.06 0.00 -10.87 N | 37.83 -0.08 -4.96 N | -1.63 0.01 -9.88 N | -2.75 0.01 -13.10 N | -3.97 0.00 -16.94 N | -6.80 0.02 -19.92 N | -1.74 0.02 -9.28 N | 13.21 0.01 -0.82 N | 7.23 0.02 -11.65 N | 12.89 -0.04 -3.35 N |
| Stony___Brook 24151 | 55.26 0.65 -48.45 N | -176.42 -52.24 -405.56 N | 112.92 -0.55 -120.75 N | 64.37 0.30 -61.11 N | 109.05 -0.32 -113.28 N | 93.29 1.33 -79.39 N | 70.81 4.08 -29.90 N | 126.55 -15.48 -271.96 N | 132.14 1.95 -114.24 N | 133.94 1.14 -123.59 N | 130.36 1.47 -116.67 N | 377.04 0.74 -370.36 N | 122.95 3.19 -96.13 N | 123.34 -1.15 -133.76 N | 124.19 -0.97 -132.98 N | 123.33 4.13 -86.25 N | 121.36 -1.40 -134.28 N | 122.45 -1.84 -140.16 N | 135.77 -2.13 -158.82 N | 157.41 -2.61 -186.77 N | 185.90 -1.39 -198.35 N | 239.88 1.27 -226.24 N | 104.26 -0.53 -109.23 N | 42.16 1.16 -31.43 N |
| UNION___PROCESSING_DRP 323587 | 11.15 -0.28 -5.27 N | -464.21 21.46 -44.07 N | 6.14 0.30 -13.12 N | 9.58 -0.15 -6.77 N | 8.83 0.19 -12.55 N | 20.72 -0.68 -8.82 N | 38.03 -2.14 -3.34 N | -92.29 7.27 -30.38 N | 27.10 -1.09 -12.23 N | 11.57 -0.60 -2.97 N | 15.15 -0.75 -3.68 N | 13.02 -0.37 -7.46 N | 25.78 -1.63 -3.77 N | 3.23 0.63 -11.87 N | 4.08 0.51 -11.39 N | 35.87 -2.28 -5.19 N | -0.39 0.78 -10.35 N | -1.10 1.04 -13.73 N | -1.84 1.32 -17.75 N | -4.24 1.65 -20.87 N | -0.56 0.77 -9.72 N | 12.42 -0.82 -0.86 N | 8.08 0.32 -12.20 N | 12.50 -0.58 -3.51 N |
| UPPER HUDSON___HYD 24058 | 70.28 0.36 -63.76 N | -24.24 -27.94 -533.44 N | 151.18 -0.37 -158.83 N | 85.08 0.16 -81.96 N | 147.77 -0.24 -151.91 N | 118.64 0.76 -105.31 N | 78.08 1.87 -39.38 N | 223.19 -5.14 -358.27 N | 161.18 0.91 -144.31 N | 53.90 0.68 -44.02 N | 62.90 0.81 -49.87 N | 94.43 0.43 -88.07 N | 70.02 1.81 -44.57 N | 130.21 -0.73 -140.20 N | 126.15 -0.52 -134.49 N | 96.36 1.81 -61.60 N | 112.47 -0.56 -124.56 N | 148.33 -0.95 -165.14 N | 191.41 -1.20 -213.52 N | 222.78 -1.57 -251.10 N | 105.34 -0.59 -116.98 N | 23.45 0.72 -10.35 N | 142.14 -0.27 -146.85 N | 52.32 0.48 -42.26 N |
| UPPER RAQUET___HYD 24056 | 3.99 -0.52 1.65 N | -493.54 50.03 13.82 N | -10.69 0.71 4.12 N | 0.53 -0.29 2.14 N | -7.49 0.38 3.96 N | 8.47 -1.35 2.76 N | 32.27 -3.53 1.04 N | -127.56 11.80 9.42 N | 10.74 -1.44 3.78 N | 7.36 -0.93 0.92 N | 9.82 -1.26 1.14 N | 2.96 -0.67 2.30 N | 19.17 -3.30 1.16 N | -11.66 1.27 3.66 N | -10.26 1.07 3.51 N | 27.10 -4.25 1.61 N | -13.22 1.53 3.23 N | -17.91 2.23 4.28 N | -24.28 2.16 5.53 N | -30.91 2.34 6.50 N | -13.00 1.08 3.03 N | 11.01 -1.09 0.27 N | -7.83 0.41 3.80 N | 7.60 -0.88 1.09 N |
| VISCHER___FERRY HYD 24020 | 68.35 0.29 -61.90 N | -36.41 -24.54 -517.88 N | 146.59 -0.33 -154.19 N | 82.70 0.14 -79.60 N | 143.45 -0.19 -147.55 N | 116.39 0.60 -103.21 N | 77.38 1.73 -38.82 N | 217.11 -6.10 -353.15 N | 158.96 0.73 -142.26 N | 48.96 0.43 -39.32 N | 59.04 0.54 -46.27 N | 93.04 0.28 -86.83 N | 68.65 1.07 -43.95 N | 128.55 -0.42 -138.24 N | 124.43 -0.35 -132.59 N | 94.91 1.44 -60.52 N | 108.97 -0.51 -120.99 N | 143.82 -0.73 -160.42 N | 185.58 -0.92 -207.41 N | 215.97 -1.20 -243.92 N | 102.11 -0.47 -113.64 N | 22.92 0.49 -10.05 N | 138.03 -0.19 -142.65 N | 51.00 0.38 -41.05 N |
| WADING RIVER_IC_1 23522 | 55.29 0.68 -48.45 N | -178.54 -54.36 -405.56 N | 112.88 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.34 1.37 -79.39 N | 70.94 4.22 -29.90 N | 126.17 -15.86 -271.96 N | 132.24 2.04 -114.24 N | 133.99 1.19 -123.59 N | 130.44 1.55 -116.67 N | 377.08 0.78 -370.36 N | 123.09 3.33 -96.13 N | 123.27 -1.23 -133.76 N | 124.13 -1.03 -132.98 N | 123.57 4.36 -86.25 N | 121.28 -1.48 -134.28 N | 122.32 -1.97 -140.16 N | 135.59 -2.31 -158.82 N | 157.15 -2.87 -186.77 N | 185.82 -1.47 -198.35 N | 240.00 1.39 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N |
| WADING RIVER_IC_2 23547 | 55.29 0.68 -48.45 N | -178.54 -54.36 -405.56 N | 112.88 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.34 1.37 -79.39 N | 70.94 4.22 -29.90 N | 126.17 -15.86 -271.96 N | 132.24 2.04 -114.24 N | 133.99 1.19 -123.59 N | 130.44 1.55 -116.67 N | 377.08 0.78 -370.36 N | 123.09 3.33 -96.13 N | 123.27 -1.23 -133.76 N | 124.13 -1.03 -132.98 N | 123.57 4.36 -86.25 N | 121.28 -1.48 -134.28 N | 122.32 -1.97 -140.16 N | 135.59 -2.31 -158.82 N | 157.15 -2.87 -186.77 N | 185.82 -1.47 -198.35 N | 240.00 1.39 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N |
| WADING RIVER_IC_3 23601 | 55.29 0.68 -48.45 N | -178.54 -54.36 -405.56 N | 112.88 -0.59 -120.75 N | 64.38 0.31 -61.11 N | 109.03 -0.34 -113.28 N | 93.34 1.37 -79.39 N | 70.94 4.22 -29.90 N | 126.17 -15.86 -271.96 N | 132.24 2.04 -114.24 N | 133.99 1.19 -123.59 N | 130.44 1.55 -116.67 N | 377.08 0.78 -370.36 N | 123.09 3.33 -96.13 N | 123.27 -1.23 -133.76 N | 124.13 -1.03 -132.98 N | 123.57 4.36 -86.25 N | 121.28 -1.48 -134.28 N | 122.32 -1.97 -140.16 N | 135.59 -2.31 -158.82 N | 157.15 -2.87 -186.77 N | 185.82 -1.47 -198.35 N | 240.00 1.39 -226.24 N | 104.23 -0.56 -109.23 N | 42.20 1.20 -31.43 N |
| WALDEN___HYDRO 24148 | 54.07 0.42 -47.50 N | -167.28 -35.23 -397.70 N | 110.69 -0.44 -118.41 N | 63.40 0.20 -60.24 N | 107.49 -0.27 -111.66 N | 91.75 0.91 -78.26 N | 69.10 2.80 -29.47 N | 128.02 -10.14 -268.09 N | 125.10 1.30 -107.84 N | 118.07 0.75 -108.11 N | 103.82 0.99 -90.62 N | 72.11 0.50 -65.69 N | 58.95 2.07 -33.25 N | 94.49 -0.80 -104.55 N | 91.75 -0.68 -100.25 N | 81.51 2.83 -45.73 N | 78.69 -0.97 -91.19 N | 103.71 -1.32 -120.90 N | 133.72 -1.68 -156.31 N | 154.93 -2.15 -183.83 N | 73.64 -0.95 -85.64 N | 20.96 1.01 -7.58 N | 102.69 -0.38 -107.51 N | 41.30 0.79 -30.94 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 |
| WARRENSBURG____ 23737 | 70.27 0.35 -63.76 N | -23.52 -27.22 -533.44 N | 151.19 -0.36 -158.83 N | 85.08 0.16 -81.96 N | 147.77 -0.23 -151.91 N | 118.63 0.75 -105.31 N | 78.05 1.84 -39.38 N | 223.30 -5.04 -358.27 N | 161.07 0.80 -144.31 N | 53.82 0.59 -44.02 N | 62.84 0.75 -49.87 N | 94.42 0.42 -88.07 N | 70.01 1.81 -44.57 N | 130.21 -0.73 -140.20 N | 126.15 -0.52 -134.49 N | 96.25 1.70 -61.60 N | 112.53 -0.50 -124.56 N | 148.45 -0.83 -165.14 N | 191.56 -1.05 -213.52 N | 222.88 -1.47 -251.10 N | 105.35 -0.57 -116.98 N | 23.45 0.72 -10.35 N | 142.14 -0.27 -146.85 N | 52.32 0.48 -42.26 N | | | |
| WATERSIDE____6 8 9 23538 | 55.08 0.48 -48.44 N | -163.34 -39.10 -405.51 N | 112.97 -0.49 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.96 1.01 -79.38 N | 69.84 3.12 -29.89 N | 130.54 -11.45 -271.93 N | 126.82 1.42 -109.43 N | 133.60 0.83 -123.57 N | 115.11 1.09 -101.80 N | 73.20 0.57 -66.70 N | 59.77 2.38 -33.76 N | 95.99 -0.92 -106.18 N | 93.24 -0.77 -101.83 N | 82.67 3.26 -46.45 N | 80.09 -1.12 -92.73 N | 105.75 -1.53 -123.14 N | 135.99 -1.89 -158.79 N | 157.57 -2.43 -186.74 N | 74.86 -1.09 -87.00 N | 25.06 1.15 -11.54 N | 91.74 -0.44 -96.62 N | -21.52 0.94 32.03 N | | | |
| WEST BABYLON____IC 23714 | 55.25 0.64 -48.45 N | -175.40 -51.21 -405.56 N | 112.91 -0.56 -120.75 N | 64.36 0.29 -61.11 N | 109.04 -0.33 -113.28 N | 93.24 1.28 -79.39 N | 70.60 3.87 -29.90 N | 127.47 -14.56 -271.96 N | 132.08 1.88 -114.24 N | 133.89 1.09 -123.59 N | 130.31 1.42 -116.67 N | 377.02 0.73 -370.36 N | 122.87 3.11 -96.13 N | 123.34 -1.16 -133.76 N | 124.18 -0.98 -132.98 N | 123.34 4.13 -86.25 N | 121.35 -1.41 -134.28 N | 122.41 -1.88 -140.16 N | 135.67 -2.23 -158.82 N | 157.24 -2.78 -186.77 N | 185.90 -1.39 -198.35 N | 239.97 1.36 -226.24 N | 104.25 -0.53 -109.23 N | 42.14 1.14 -31.43 N | | | |
| WEST CANADA____HYD 24049 | 4.91 0.00 1.25 N | -539.91 0.27 10.43 N | -10.38 0.00 3.11 N | 1.35 0.00 1.61 N | -6.89 0.00 2.98 N | 10.48 -0.01 2.08 N | 36.03 -0.02 0.78 N | -137.05 0.00 7.11 N | 13.10 0.00 2.86 N | 8.51 0.00 0.69 N | 11.36 0.00 0.86 N | 4.20 0.00 1.74 N | 22.73 -0.02 0.88 N | -12.02 0.01 2.77 N | -10.46 0.01 2.65 N | 31.73 -13.95 1.21 N | -19.09 0.00 2.43 N | -25.08 0.00 3.23 N | -31.66 0.00 4.17 N | -13.33 0.00 2.29 N | 12.19 0.01 0.20 N | -7.31 0.00 2.87 N | 8.74 0.00 0.83 N | | | | |
| WESTERN_NY_WIND 24143 | 12.10 -0.31 -6.24 N | -455.88 21.61 -52.25 N | 8.58 0.30 -15.56 N | 10.82 -0.16 -8.02 N | 11.18 0.21 -14.87 N | 22.29 -0.75 -10.47 N | 38.31 -2.50 -3.97 N | -85.09 8.70 -36.15 N | 29.13 -1.38 -14.55 N | 11.97 -0.76 -3.53 N | 15.64 -0.96 -4.38 N | 14.33 -0.48 -8.88 N | 25.98 -2.15 -4.49 N | 5.67 0.81 -14.12 N | 6.38 0.65 -13.55 N | 36.19 -2.94 -6.18 N | 1.80 1.01 -12.32 N | 1.79 1.33 -16.33 N | 1.88 1.67 -21.11 N | 0.13 2.06 -24.83 N | 1.50 0.99 -11.57 N | 12.36 -1.04 -1.02 N | 10.48 0.40 -14.52 N | 13.07 -0.67 -4.18 N | | | |
| YORK____WARBASSE 23770 | 318.44 0.49 -311.79 N | -163.73 -39.49 -405.51 N | 112.96 -0.50 -120.74 N | 64.29 0.23 -61.10 N | 109.06 -0.29 -113.26 N | 92.97 1.01 -79.38 N | 69.80 3.08 -29.89 N | 130.67 -11.32 -271.93 N | 126.81 1.41 -109.43 N | 133.60 0.83 -123.57 N | 224.36 1.08 -211.06 N | 507.58 0.55 -501.09 N | 497.04 2.35 -471.06 N | 497.04 -0.91 -507.21 N | 496.96 -0.76 -505.55 N | 498.27 3.21 -462.10 N | 337.75 -1.11 -350.38 N | 105.76 -1.52 -123.14 N | 136.01 -1.87 -158.79 N | 157.58 -2.41 -186.74 N | 74.86 -1.08 -87.00 N | 317.44 1.14 -303.92 N | 154.47 -0.45 -159.35 N | 294.51 0.96 -283.98 N | | | |