

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

02/06/2013

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|
| 59TH STREET_GT_1 24138 | 100.22 5.52 -33.24 N | 96.31 2.56 -65.95 N | 128.56 0.97 -116.26 N | 99.57 2.26 -70.12 N | 102.39 1.50 -82.31 N | 71.08 2.63 -38.51 N | 117.34 3.28 -78.01 N | 65.34 4.09 -17.27 N | 104.65 1.91 -83.00 N | 111.01 2.27 -86.01 N | 216.12 0.33 -212.63 N | 114.91 2.28 -89.94 N | 104.90 2.55 -77.18 N | 74.23 3.28 -40.26 N | 56.51 3.12 -24.96 N | 50.16 4.29 -7.42 N | 49.94 4.74 0.00 N | 75.60 6.71 0.00 N | 299.65 23.30 0.00 N | 222.09 17.20 0.00 N | 59.58 4.73 0.00 N | 58.19 3.50 -18.10 N | 63.24 3.17 -26.95 N | 56.18 4.48 -1.80 N |
| 74TH STREET_GT_1 24260 | 100.20 5.49 -33.24 N | 96.32 2.56 -65.96 N | 128.57 0.96 -116.27 N | 99.57 2.25 -70.13 N | 102.38 1.49 -82.32 N | 71.07 2.61 -38.51 N | 117.33 3.26 -78.01 N | 65.32 4.07 -17.27 N | 104.65 1.89 -83.01 N | 111.01 2.25 -86.01 N | 216.13 0.33 -212.65 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.49 3.10 -24.96 N | 50.13 4.27 -7.42 N | 49.89 4.69 0.00 N | 75.50 6.61 0.00 N | 299.11 22.76 0.00 N | 221.72 16.83 0.00 N | 59.51 4.66 0.00 N | 58.15 3.46 -18.10 N | 63.21 3.14 -26.95 N | 56.14 4.44 -1.80 N |
| 74TH STREET_GT_2 24261 | 100.20 5.49 -33.24 N | 96.32 2.56 -65.96 N | 128.57 0.96 -116.27 N | 99.57 2.25 -70.13 N | 102.38 1.49 -82.32 N | 71.07 2.61 -38.51 N | 117.33 3.26 -78.01 N | 65.32 4.07 -17.27 N | 104.65 1.89 -83.01 N | 111.01 2.25 -86.01 N | 216.13 0.33 -212.65 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.49 3.10 -24.96 N | 50.13 4.27 -7.42 N | 49.89 4.69 0.00 N | 75.50 6.61 0.00 N | 299.11 22.76 0.00 N | 221.72 16.83 0.00 N | 59.51 4.66 0.00 N | 58.15 3.46 -18.10 N | 63.21 3.14 -26.95 N | 56.14 4.44 -1.80 N |
| ADK HUDSON___FALLS 24011 | 110.62 5.65 -43.50 N | 116.59 2.48 -86.31 N | 164.47 0.99 -152.14 N | 121.32 2.36 -91.77 N | 127.96 1.67 -107.72 N | 83.14 2.80 -50.39 N | 141.53 3.39 -102.08 N | 70.93 4.26 -22.69 N | 130.41 1.86 -108.81 N | 137.68 2.20 -112.74 N | 282.22 0.33 -278.73 N | 142.64 2.15 -117.81 N | 128.43 2.25 -101.00 N | 85.87 2.49 -52.69 N | 63.33 2.24 -32.67 N | 51.14 2.99 -9.70 N | 48.76 3.57 0.00 N | 74.11 5.22 0.00 N | 297.05 20.70 0.00 N | 221.96 17.07 0.00 N | 59.41 4.55 0.00 N | 63.83 3.51 -23.73 N | 71.68 3.24 -35.32 N | 56.58 4.32 -2.36 N |
| ADK RESOURCE___RCVRY 23798 | 111.22 7.14 -42.61 N | 115.33 2.98 -84.55 N | 161.57 1.19 -149.04 N | 119.90 2.81 -89.89 N | 126.07 1.97 -105.53 N | 82.69 3.38 -49.36 N | 140.04 3.97 -100.00 N | 71.20 5.00 -22.22 N | 128.54 2.22 -106.57 N | 135.81 2.65 -110.42 N | 276.57 0.41 -273.01 N | 140.79 2.70 -115.40 N | 127.05 2.94 -98.94 N | 85.81 3.51 -51.61 N | 63.62 3.19 -32.00 N | 52.31 4.35 -9.51 N | 50.43 5.23 0.00 N | 76.20 7.31 0.00 N | 305.35 29.01 0.00 N | 227.51 22.62 0.00 N | 60.93 6.07 0.00 N | 64.29 4.46 -23.24 N | 71.77 4.05 -34.60 N | 57.95 5.73 -2.31 N |
| ADK S GLENS___FALLS 24028 | 110.62 5.65 -43.50 N | 116.59 2.48 -86.31 N | 164.47 0.99 -152.14 N | 121.32 2.36 -91.77 N | 127.96 1.67 -107.72 N | 83.14 2.80 -50.39 N | 141.53 3.39 -102.08 N | 70.93 4.26 -22.69 N | 130.41 1.86 -108.81 N | 137.68 2.20 -112.74 N | 282.22 0.33 -278.73 N | 142.64 2.15 -117.81 N | 128.43 2.25 -101.00 N | 85.87 2.49 -52.69 N | 63.33 2.24 -32.67 N | 51.14 2.99 -9.70 N | 48.76 3.57 0.00 N | 74.11 5.22 0.00 N | 297.05 20.70 0.00 N | 221.96 17.07 0.00 N | 59.41 4.55 0.00 N | 63.83 3.51 -23.73 N | 71.68 3.24 -35.32 N | 56.58 4.32 -2.36 N |
| ADK_NYS___DAM 23527 | 109.94 5.95 -42.52 N | 114.73 2.58 -84.36 N | 161.09 1.05 -148.70 N | 119.32 2.44 -89.69 N | 125.55 1.69 -105.29 N | 82.07 2.87 -49.25 N | 139.16 3.33 -99.78 N | 70.29 4.14 -22.17 N | 127.96 1.88 -106.34 N | 135.10 2.18 -110.18 N | 275.89 0.33 -272.40 N | 140.07 2.24 -115.14 N | 126.35 2.47 -98.71 N | 85.17 2.98 -51.50 N | 63.06 2.70 -31.93 N | 51.56 3.62 -9.48 N | 49.41 4.21 0.00 N | 74.79 5.90 0.00 N | 299.04 22.69 0.00 N | 222.87 17.98 0.00 N | 59.64 4.78 0.00 N | 63.29 3.51 -23.19 N | 70.84 3.21 -34.52 N | 56.88 4.67 -2.31 N |
| AIR_PRODUCTS___DRP 24190 | 107.87 4.20 -42.21 N | 113.53 1.98 -83.74 N | 159.76 0.80 -147.62 N | 118.10 1.87 -89.04 N | 124.37 1.28 -104.52 N | 80.85 2.01 -48.89 N | 137.28 2.17 -99.05 N | 68.70 2.71 -22.01 N | 126.58 1.21 -105.62 N | 133.59 1.42 -109.43 N | 273.95 0.23 -270.57 N | 138.54 1.52 -114.34 N | 124.82 1.65 -97.99 N | 83.55 1.74 -51.12 N | 61.69 1.57 -31.69 N | 50.02 2.15 -9.41 N | 47.55 2.35 0.00 N | 71.97 3.08 0.00 N | 286.55 10.20 0.00 N | 213.32 8.43 0.00 N | 57.26 2.40 0.00 N | 61.52 1.89 -23.03 N | 69.10 1.70 -34.28 N | 54.88 2.68 -2.29 N |
| ALBANY___1 23571 | 107.87 4.20 -42.21 N | 113.53 1.98 -83.74 N | 159.76 0.80 -147.62 N | 118.10 1.87 -89.04 N | 124.37 1.28 -104.52 N | 80.85 2.01 -48.89 N | 137.28 2.17 -99.05 N | 68.70 2.71 -22.01 N | 126.58 1.21 -105.62 N | 133.59 1.42 -109.43 N | 273.95 0.23 -270.57 N | 138.54 1.52 -114.34 N | 124.82 1.65 -97.99 N | 83.55 1.74 -51.12 N | 61.69 1.57 -31.69 N | 50.02 2.15 -9.41 N | 47.55 2.35 0.00 N | 71.97 3.08 0.00 N | 286.55 10.20 0.00 N | 213.32 8.43 0.00 N | 57.26 2.40 0.00 N | 61.52 1.89 -23.03 N | 69.10 1.70 -34.28 N | 54.88 2.68 -2.29 N |
| ALBANY___2 23572 | 107.87 4.20 -42.21 N | 113.53 1.98 -83.74 N | 159.76 0.80 -147.62 N | 118.10 1.87 -89.04 N | 124.37 1.28 -104.52 N | 80.85 2.01 -48.89 N | 137.28 2.17 -99.05 N | 68.70 2.71 -22.01 N | 126.58 1.21 -105.62 N | 133.59 1.42 -109.43 N | 273.95 0.23 -270.57 N | 138.54 1.52 -114.34 N | 124.82 1.65 -97.99 N | 83.55 1.74 -51.12 N | 61.69 1.57 -31.69 N | 50.02 2.15 -9.41 N | 47.55 2.35 0.00 N | 71.97 3.08 0.00 N | 286.55 10.20 0.00 N | 213.32 8.43 0.00 N | 57.26 2.40 0.00 N | 61.52 1.89 -23.03 N | 69.10 1.70 -34.28 N | 54.88 2.68 -2.29 N |
| ALBANY___3 | 107.87 | 113.53 | 159.76 | 118.10 | 124.37 | 80.85 | 137.28 | 68.70 | 126.58 | 133.59 | 273.95 | 138.54 | 124.82 | 83.55 | 61.69 | 50.02 | 47.55 | 71.97 | 286.55 | 213.32 | 57.26 | 61.52 | 69.10 | 54.88 |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| BETHLEHEM___GS2 323561 | 107.87 4.20 -42.21 N | 113.53 1.98 -83.74 N | 159.76 0.80 -147.62 N | 118.10 1.87 -89.04 N | 124.37 1.28 -104.52 N | 80.85 2.01 -48.89 N | 137.28 2.17 -99.05 N | 68.70 2.71 -22.01 N | 126.58 1.21 -105.62 N | 133.59 1.42 -109.43 N | 273.95 0.23 -270.57 N | 138.54 1.52 -114.34 N | 124.82 1.65 -97.99 N | 83.55 1.74 -51.12 N | 61.69 1.57 -31.69 N | 50.02 2.15 -9.41 N | 47.55 2.35 0.00 N | 71.97 3.08 0.00 N | 286.55 10.20 0.00 N | 213.32 8.43 0.00 N | 57.26 2.40 0.00 N | 61.52 1.89 -23.03 N | 69.10 1.70 -34.28 N | 54.88 2.68 -2.29 N | |
| BETHLEHEM___GS3 323562 | 107.87 4.20 -42.21 N | 113.53 1.98 -83.74 N | 159.76 0.80 -147.62 N | 118.10 1.87 -89.04 N | 124.37 1.28 -104.52 N | 80.85 2.01 -48.89 N | 137.28 2.17 -99.05 N | 68.70 2.71 -22.01 N | 126.58 1.21 -105.62 N | 133.59 1.42 -109.43 N | 273.95 0.23 -270.57 N | 138.54 1.52 -114.34 N | 124.82 1.65 -97.99 N | 83.55 1.74 -51.12 N | 61.69 1.57 -31.69 N | 50.02 2.15 -9.41 N | 47.55 2.35 0.00 N | 71.97 3.08 0.00 N | 286.55 10.20 0.00 N | 213.32 8.43 0.00 N | 57.26 2.40 0.00 N | 61.52 1.89 -23.03 N | 69.10 1.70 -34.28 N | 54.88 2.68 -2.29 N | |
| BETHLEHEM___STEEL 23779 | 63.33 -3.63 -5.50 N | 37.43 -1.28 -10.90 N | 29.94 -0.62 -19.22 N | 37.21 -1.57 -11.59 N | 31.30 -0.88 -13.61 N | 34.46 -1.85 -6.37 N | 45.42 -3.53 -12.90 N | 35.09 -5.55 -3.34 N | 31.23 -2.25 -13.74 N | 34.65 -2.35 -14.25 N | 38.28 -0.10 -35.22 N | 36.18 -1.40 -14.89 N | 36.70 -1.24 -12.77 N | 35.66 -1.70 -6.66 N | 30.76 -1.80 -4.13 N | 37.14 -2.53 -1.23 N | 41.32 -3.88 0.00 N | 61.70 -7.19 0.00 N | 251.05 -25.30 0.00 N | 187.74 -17.15 0.00 N | 49.89 -4.97 0.00 N | 36.55 -3.04 -3.00 N | 34.97 -2.61 -4.46 N | 46.09 -4.11 -0.30 N | |
| BETHPAGE_CC_5 323564 | 146.90 6.12 -79.32 N | 220.28 2.86 -189.61 N | 190.45 1.02 -178.09 N | 138.00 2.41 -108.39 N | 108.17 1.63 -87.97 N | 91.64 2.83 -58.86 N | 183.23 3.40 -143.78 N | 489.08 4.16 -440.95 N | 281.55 1.90 -259.90 N | 238.98 2.28 -213.96 N | 331.03 0.34 -327.53 N | 114.72 2.07 -89.96 N | 104.66 2.29 -77.19 N | 84.24 3.23 -50.32 N | 163.90 3.04 -132.44 N | 64.13 4.23 -21.45 N | 49.76 4.56 0.00 N | 75.35 6.46 0.00 N | 298.77 22.42 0.00 N | 221.96 17.07 0.00 N | 74.89 4.42 -15.61 N | 71.25 3.44 -31.22 N | 119.25 3.31 -82.83 N | 149.84 4.91 -95.02 N | |
| BINGHAMTON___COGEN 23790 | 72.53 0.26 -10.81 N | 49.52 0.28 -21.45 N | 49.24 0.10 -37.80 N | 50.17 0.18 -22.80 N | 45.51 0.17 -26.77 N | 42.75 0.28 -12.52 N | 61.58 0.16 -25.37 N | 48.69 -0.23 -4.94 N | 46.81 0.08 -27.07 N | 50.88 0.12 -28.06 N | 72.65 0.12 -69.38 N | 52.32 0.29 -29.34 N | 50.73 0.39 -25.16 N | 44.26 0.47 -13.10 N | 36.93 0.38 -8.12 N | 41.40 0.55 -2.41 N | 45.44 0.24 0.00 N | 68.79 -0.10 0.00 N | 276.52 0.18 0.00 N | 205.86 0.97 0.00 N | 54.96 0.10 0.00 N | 42.64 0.15 -5.89 N | 42.04 0.15 -8.77 N | 50.57 0.08 -0.59 N | |
| BLACK RIVER___HYD 24047 | 63.22 0.51 -1.24 N | 30.54 0.28 -2.46 N | 15.77 0.10 -4.33 N | 30.07 0.27 -2.61 N | 21.88 0.24 -3.07 N | 31.79 0.40 -1.43 N | 39.72 0.76 -2.90 N | 45.65 1.02 -0.65 N | 23.28 0.48 -3.06 N | 26.49 0.58 -3.17 N | 11.08 0.09 -7.83 N | 26.62 0.62 -3.31 N | 28.69 0.67 -2.84 N | 32.93 0.74 -1.50 N | 29.95 0.59 -0.93 N | 39.47 0.74 -0.28 N | 45.99 0.79 0.00 N | 70.63 1.74 0.00 N | 285.31 8.96 0.00 N | 210.77 5.88 0.00 N | 56.24 1.38 0.00 N | 38.16 0.89 -0.67 N | 34.81 0.69 -1.00 N | 50.83 0.86 -0.07 N | |
| BLISS_WT_PWR 323608 | 65.18 -1.93 -5.64 N | 38.42 -0.57 -11.19 N | 30.66 -0.41 -19.72 N | 38.22 -0.86 -11.90 N | 32.33 -0.20 -13.97 N | 35.64 -0.84 -6.53 N | 46.75 -2.55 -13.23 N | 36.35 -4.57 3.07 N | 32.14 -1.72 -14.11 N | 35.63 -1.75 -14.63 N | 39.33 0.00 -36.18 N | 37.14 -0.85 -15.30 N | 37.81 -0.49 -13.13 N | 36.88 -0.65 -6.84 N | 31.78 -0.89 -4.24 N | 38.45 -1.26 -1.26 N | 42.83 -2.37 0.00 N | 64.61 -4.28 0.00 N | 262.45 -13.90 0.00 N | 198.05 -6.84 0.00 N | 52.44 -2.42 0.00 N | 38.38 -1.29 -3.08 N | 37.21 -0.49 -4.58 N | 49.24 -0.97 -0.31 N | |
| BLUE_CIRC_CHEM_DRP 24182 | 106.28 3.13 -41.68 N | 112.14 1.64 -82.70 N | 157.80 0.68 -145.78 N | 116.70 1.57 -87.93 N | 122.86 1.07 -103.22 N | 79.90 1.67 -48.28 N | 135.77 1.90 -97.82 N | 68.00 2.28 -21.74 N | 125.14 1.04 -104.35 N | 132.07 1.21 -108.12 N | 270.68 0.20 -267.32 N | 136.91 1.28 -112.94 N | 123.37 1.42 -96.77 N | 82.87 1.69 -50.48 N | 61.20 1.47 -31.30 N | 49.53 1.78 -9.30 N | 46.95 1.75 0.00 N | 71.25 2.36 0.00 N | 284.14 7.79 0.00 N | 211.38 6.49 0.00 N | 56.66 1.80 0.00 N | 60.80 1.45 -22.76 N | 68.32 1.34 -33.87 N | 54.33 2.16 -2.26 N | |
| BOC_GAS_DRP 24189 | 106.53 2.97 -42.10 N | 112.77 1.45 -83.52 N | 159.17 0.59 -147.23 N | 117.38 1.39 -88.80 N | 123.75 0.94 -104.25 N | 80.15 1.44 -48.77 N | 136.45 1.60 -98.79 N | 67.89 1.95 -21.96 N | 126.07 0.91 -105.41 N | 133.03 1.07 -109.22 N | 273.36 0.18 -270.03 N | 137.91 1.15 -114.08 N | 124.18 1.27 -97.74 N | 83.18 1.50 -50.99 N | 61.41 1.37 -31.61 N | 49.64 1.81 -9.39 N | 47.12 1.92 0.00 N | 71.46 2.57 0.00 N | 285.17 8.82 0.00 N | 212.21 7.32 0.00 N | 56.87 2.01 0.00 N | 61.16 1.58 -22.99 N | 68.78 1.45 -34.21 N | 54.33 2.14 -2.28 N | |
| BORALEX_4TH_BRANCH 23824 | 109.94 5.95 -42.52 N | 114.73 2.58 -84.36 N | 161.09 1.05 -148.70 N | 119.32 2.44 -89.69 N | 125.55 1.69 -105.29 N | 82.07 2.87 -49.25 N | 139.16 3.33 -99.78 N | 70.29 4.14 -22.17 N | 127.96 1.88 -106.34 N | 135.10 2.18 -110.18 N | 275.89 0.33 -272.40 N | 140.07 2.24 -115.14 N | 126.35 2.47 -98.71 N | 85.17 2.98 -51.50 N | 63.06 2.70 -31.93 N | 51.56 3.62 -9.48 N | 49.41 4.21 0.00 N | 74.79 5.90 0.00 N | 299.04 22.69 0.00 N | 222.87 17.98 0.00 N | 59.64 4.78 0.00 N | 63.29 3.51 -23.19 N | 70.84 3.21 -34.52 N | 56.88 4.67 -2.31 N | |
| BOWLINE___1 23526 | 98.59 4.62 -32.51 N | 94.43 2.13 -64.50 N | 125.84 0.80 -113.70 N | 97.67 1.90 -68.58 N | 100.35 1.27 -80.50 N | 69.84 2.24 -37.66 N | 115.08 2.73 -76.29 N | 64.22 3.35 -16.88 N | 102.46 1.55 -81.17 N | 108.68 1.83 -84.10 N | 211.36 0.27 -207.94 N | 112.51 1.86 -87.96 N | 102.75 2.10 -75.48 N | 72.76 2.70 -39.37 N | 55.40 2.56 -24.41 N | 49.26 3.55 -7.25 N | 49.14 3.94 0.00 N | 74.38 5.49 0.00 N | 295.23 18.88 0.00 N | 219.02 14.14 0.00 N | 58.76 3.90 0.00 N | 57.25 2.95 -17.70 N | 62.14 2.67 -26.36 N | 55.45 3.78 -1.76 N | |
| BOWLINE___2 23595 | 98.66 4.68 -32.51 N | 94.47 2.17 -64.51 N | 125.87 0.82 -113.71 N | 97.71 1.93 -68.58 N | 100.37 1.29 -80.51 N | 69.87 2.27 -37.66 N | 115.14 2.78 -76.30 N | 64.27 3.40 -16.88 N | 102.49 1.57 -81.18 N | 108.73 1.87 -84.11 N | 211.39 0.28 -207.96 N | 112.56 1.90 -87.97 N | 102.79 2.13 -75.49 N | 72.80 2.73 -39.38 N | 55.44 2.60 -24.41 N | 49.30 3.60 -7.25 N | 49.16 3.96 0.00 N | 74.45 5.56 0.00 N | 295.68 19.33 0.00 N | 219.33 14.44 0.00 N | 58.82 3.96 0.00 N | 57.29 2.99 -17.70 N | 62.18 2.71 -26.36 N | 55.50 3.83 -1.76 N | |
| BROOKHAVEN___DRP 24191 | 147.37 6.59 -79.32 N | 220.49 3.08 -189.61 N | 190.55 1.12 -178.09 N | 138.22 2.64 -108.39 N | 108.38 1.85 -87.97 N | 92.17 3.36 -58.86 N | 183.82 3.99 -143.78 N | 489.65 4.72 -440.95 N | 281.66 2.02 -259.90 N | 239.35 2.64 -213.96 N | 331.02 0.34 -327.53 N | 114.66 2.01 -89.96 N | 104.62 2.26 -77.19 N | 84.55 3.54 -50.32 N | 164.20 3.34 -132.44 N | 64.77 4.87 -21.45 N | 50.28 5.08 0.00 N | 75.32 6.43 0.00 N | 297.66 21.32 0.00 N | 222.13 17.25 0.00 N | 74.85 4.39 -15.61 N | 71.40 3.58 -31.22 N | 119.46 3.51 -82.83 N | 150.23 5.30 -95.02 N | |
| BROOKLYN_NAVY_YARD | 100.14 | 96.27 | 128.53 | 99.49 | 102.32 | 70.99 | 117.24 | 65.24 | 104.61 | 110.95 | 216.12 | 114.81 | 104.80 | 74.10 | 56.41 | 50.00 | 49.75 | 75.32 | 298.17 | 220.91 | 59.31 | 58.02 | 63.12 | 56.04 | |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| FPL FAR_ROCK_GT2 23815 | 147.91 7.13 -79.32 N | 220.70 3.29 -189.61 N | 190.63 1.20 -178.09 N | 138.44 2.86 -108.39 N | 108.51 1.97 -87.97 N | 92.25 3.44 -58.86 N | 184.08 4.25 -143.78 N | 490.05 5.12 -440.95 N | 282.04 2.40 -259.90 N | 239.54 2.83 -213.96 N | 331.11 0.43 -327.53 N | 115.37 2.72 -89.96 N | 105.42 3.05 -77.19 N | 85.10 4.08 -50.32 N | 164.68 3.81 -132.44 N | 65.21 5.31 -21.45 N | 51.06 5.86 0.00 N | 77.33 8.44 0.00 N | 306.82 30.47 0.00 N | 228.09 23.20 0.00 N | 76.55 6.08 -15.61 N | 72.30 4.49 -31.22 N | 120.05 4.11 -82.83 N | 150.75 5.82 -95.02 N | |
| FRANKLIN_FALL_HYD 24054 | 61.50 0.03 0.00 N | 27.82 0.02 0.00 N | 11.31 -0.03 0.00 N | 27.14 -0.05 0.00 N | 18.42 -0.15 0.00 N | 29.48 -0.46 0.00 N | 35.55 -0.51 0.00 N | 43.43 -0.55 0.00 N | 19.50 -0.24 0.00 N | 22.47 -0.28 0.00 N | 3.07 -0.09 0.00 N | 22.23 -0.45 0.00 N | 24.66 -0.52 0.00 N | 30.07 -0.62 0.00 N | 27.81 -0.82 0.00 N | 37.63 -0.73 0.00 N | 44.46 -1.06 0.00 N | 273.99 -2.36 0.00 N | 203.09 -1.80 0.00 N | 55.00 0.14 0.00 N | 36.65 0.05 0.00 N | 33.34 0.23 0.00 N | 50.67 0.76 0.00 N | | |
| FREEPORT_EQUS_GT1 23764 | 147.04 6.26 -79.32 N | 220.34 2.93 -189.61 N | 190.48 1.05 -178.09 N | 138.07 2.49 -108.39 N | 108.25 1.71 -87.97 N | 91.80 2.99 -58.86 N | 183.48 3.65 -143.78 N | 489.34 4.42 -440.95 N | 281.62 1.97 -259.90 N | 239.06 2.36 -213.96 N | 331.03 0.35 -327.53 N | 114.81 2.16 -89.96 N | 104.78 2.42 -77.19 N | 84.36 3.34 -50.32 N | 164.00 3.13 -132.44 N | 64.13 4.23 -21.45 N | 49.77 4.57 0.00 N | 75.33 6.44 0.00 N | 298.84 22.49 0.00 N | 222.34 17.45 0.00 N | 75.15 4.68 -15.61 N | 71.64 3.83 -31.22 N | 119.59 3.65 -82.83 N | 150.02 5.09 -95.02 N | |
| FREEPORT___CT2 23818 | 147.04 6.26 -79.32 N | 220.34 2.93 -189.61 N | 190.48 1.05 -178.09 N | 138.07 2.49 -108.39 N | 108.25 1.71 -87.97 N | 91.80 2.99 -58.86 N | 183.48 3.65 -143.78 N | 489.34 4.42 -440.95 N | 281.62 1.97 -259.90 N | 239.06 2.36 -213.96 N | 331.03 0.35 -327.53 N | 114.81 2.16 -89.96 N | 104.78 2.42 -77.19 N | 84.36 3.34 -50.32 N | 164.00 3.13 -132.44 N | 64.13 4.23 -21.45 N | 49.77 4.57 0.00 N | 75.33 6.44 0.00 N | 298.84 22.49 0.00 N | 222.34 17.45 0.00 N | 75.15 4.68 -15.61 N | 71.64 3.83 -31.22 N | 119.59 3.65 -82.83 N | 150.02 5.09 -95.02 N | |
| FULTON COGEN____ 23766 | 62.44 -1.54 -2.51 N | 32.18 -0.60 -4.99 N | 19.88 -0.25 -8.79 N | 31.83 -0.67 -5.30 N | 24.41 -0.39 -6.22 N | 32.28 -0.58 -2.91 N | 41.20 -0.76 -5.90 N | 44.27 -1.02 -1.31 N | 25.50 -0.42 -6.18 N | 28.70 -0.45 -6.40 N | 18.92 -0.06 -15.82 N | 29.08 -0.30 -6.69 N | 30.60 -0.31 -5.74 N | 33.29 -0.44 -3.04 N | 29.88 -0.44 -1.89 N | 38.32 -0.69 -0.56 N | 44.21 -0.98 0.00 N | 67.30 -1.59 0.00 N | 270.67 -5.68 0.00 N | 201.07 -3.82 0.00 N | 53.62 -1.24 0.00 N | 37.19 -0.78 -1.37 N | 34.34 -0.81 -2.04 N | 48.56 -1.48 -0.14 N | |
| FULTON___LFGE 323630 | 118.99 6.86 -50.67 N | 131.39 3.06 -100.53 N | 189.80 1.26 -177.21 N | 137.07 3.00 -106.89 N | 146.17 2.13 -125.47 N | 92.39 3.74 -58.69 N | 159.89 4.93 -118.90 N | 76.47 6.08 -26.41 N | 149.13 2.66 -126.73 N | 157.07 3.02 -131.31 N | 328.25 0.44 -324.65 N | 163.11 3.20 -137.22 N | 146.39 3.58 -117.64 N | 96.27 4.22 -61.37 N | 70.28 3.80 -38.05 N | 54.73 4.98 -11.30 N | 51.09 5.89 0.00 N | 79.01 10.12 0.00 N | 318.65 42.31 0.00 N | 236.17 31.28 0.00 N | 62.80 7.95 0.00 N | 69.39 5.16 -27.64 N | 78.47 4.22 -41.14 N | 58.49 5.84 -2.75 N | |
| G.F.CEMENT___DRP 24184 | 110.62 5.65 -43.50 N | 116.59 2.48 -86.31 N | 164.47 0.99 -152.14 N | 121.32 2.36 -91.77 N | 127.96 1.67 -107.72 N | 83.14 2.80 -50.39 N | 141.53 3.39 -102.08 N | 70.93 4.26 -22.69 N | 130.41 1.86 -108.81 N | 137.68 2.20 -112.74 N | 282.22 0.33 -278.73 N | 142.64 2.15 -117.81 N | 128.43 2.25 -101.00 N | 85.87 2.49 -52.69 N | 63.33 2.24 -32.67 N | 51.14 2.99 -9.70 N | 48.76 3.57 0.00 N | 74.11 5.22 0.00 N | 297.05 20.70 0.00 N | 221.96 17.07 0.00 N | 59.41 4.55 0.00 N | 63.83 3.51 -23.73 N | 71.68 3.24 -35.32 N | 56.58 4.32 -2.36 N | |
| GARDENVILLE___LBMP 24039 | 63.09 -3.86 -5.49 N | 37.33 -1.36 -10.89 N | 29.89 -0.65 -19.19 N | 37.13 -1.64 -11.58 N | 31.23 -0.94 -13.59 N | 34.37 -1.94 -6.36 N | 45.30 -3.64 -12.88 N | 34.85 -5.70 3.43 N | 31.15 -2.32 -13.73 N | 34.56 -2.41 -14.23 N | 38.24 -0.10 -35.19 N | 36.09 -1.48 -14.88 N | 36.61 -1.33 -12.76 N | 35.54 -1.81 -6.65 N | 30.65 -1.90 -4.12 N | 37.01 -2.66 -1.23 N | 41.15 -4.05 0.00 N | 61.41 -7.48 0.00 N | 249.86 -26.49 0.00 N | 186.87 -18.02 0.00 N | 49.65 -5.21 0.00 N | 36.39 -3.19 -2.99 N | 34.84 -2.74 -4.46 N | 45.94 -4.27 -0.30 N | |
| GENERAL___MILLS 23808 | 63.33 -3.63 -5.50 N | 37.43 -1.28 -10.90 N | 29.94 -0.62 -19.22 N | 37.21 -1.57 -11.59 N | 31.30 -0.88 -13.61 N | 34.46 -1.85 -6.37 N | 45.42 -3.53 -12.90 N | 35.09 -5.55 3.34 N | 31.23 -2.25 -13.74 N | 34.65 -2.35 -14.25 N | 38.28 -0.10 -35.22 N | 36.18 -1.40 -14.89 N | 36.70 -1.24 -12.77 N | 35.66 -1.70 -6.66 N | 30.76 -1.80 -4.13 N | 37.14 -2.53 -1.23 N | 41.32 -3.88 0.00 N | 61.70 -7.19 0.00 N | 251.05 -25.30 0.00 N | 187.74 -17.15 0.00 N | 49.89 -4.97 0.00 N | 36.55 -3.04 -3.00 N | 34.97 -2.61 -4.46 N | 46.09 -4.11 -0.30 N | |
| GE_PLASTICS___DRP 24183 | 105.85 2.63 -41.76 N | 112.01 1.37 -82.85 N | 157.95 0.57 -146.04 N | 116.61 1.33 -88.09 N | 122.85 0.88 -103.40 N | 79.58 1.26 -48.37 N | 135.36 1.31 -97.99 N | 67.47 1.67 -21.81 N | 125.34 0.80 -104.79 N | 132.25 0.94 -108.57 N | 271.75 0.16 -268.44 N | 136.98 1.01 -113.28 N | 123.22 1.10 -96.95 N | 82.56 1.29 -50.57 N | 60.96 1.18 -31.35 N | 49.31 1.55 -9.31 N | 46.82 1.63 0.00 N | 71.11 2.22 0.00 N | 283.73 7.39 0.00 N | 211.04 6.16 0.00 N | 56.57 1.71 0.00 N | 60.83 1.38 -22.85 N | 68.37 1.26 -33.99 N | 53.98 1.81 -2.26 N | |
| GILBOA___1 23756 | 96.86 2.93 -32.47 N | 93.69 1.48 -64.42 N | 125.51 0.62 -113.55 N | 97.13 1.45 -68.49 N | 99.94 0.98 -80.40 N | 68.98 1.43 -37.61 N | 113.90 1.66 -76.19 N | 62.69 1.86 -16.85 N | 101.78 0.89 -81.14 N | 107.83 1.01 -84.07 N | 211.21 0.20 -207.86 N | 111.74 1.16 -87.89 N | 101.89 1.33 -75.38 N | 71.65 1.64 -39.32 N | 54.33 1.53 -24.38 N | 47.74 2.05 -7.24 N | 47.39 2.19 0.00 N | 71.77 2.88 0.00 N | 286.35 10.00 0.00 N | 213.43 8.54 0.00 N | 57.16 2.31 0.00 N | 56.04 1.75 -17.69 N | 61.05 1.59 -26.34 N | 53.95 2.29 -1.76 N | |
| GILBOA___2 23757 | 96.86 2.93 -32.47 N | 93.69 1.48 -64.42 N | 125.51 0.62 -113.55 N | 97.13 1.45 -68.49 N | 99.94 0.98 -80.40 N | 68.98 1.43 -37.61 N | 113.90 1.66 -76.19 N | 62.69 1.86 -16.85 N | 101.78 0.89 -81.14 N | 107.83 1.01 -84.07 N | 211.21 0.20 -207.86 N | 111.74 1.16 -87.89 N | 101.89 1.33 -75.38 N | 71.65 1.64 -39.32 N | 54.33 1.53 -24.38 N | 47.74 2.05 -7.24 N | 47.39 2.19 0.00 N | 71.77 2.88 0.00 N | 286.35 10.00 0.00 N | 213.43 8.54 0.00 N | 57.16 2.31 0.00 N | 56.04 1.75 -17.69 N | 61.05 1.59 -26.34 N | 53.95 2.29 -1.76 N | |
| GILBOA___3 23758 | 96.86 2.93 -32.47 N | 93.69 1.48 -64.42 N | 125.51 0.62 -113.55 N | 97.13 1.45 -68.49 N | 99.94 0.98 -80.40 N | 68.98 1.43 -37.61 N | 113.90 1.66 -76.19 N | 62.69 1.86 -16.85 N | 101.78 0.89 -81.14 N | 107.83 1.01 -84.07 N | 211.21 0.20 -207.86 N | 111.74 1.16 -87.89 N | 101.89 1.33 -75.38 N | 71.65 1.64 -39.32 N | 54.33 1.53 -24.38 N | 47.74 2.05 -7.24 N | 47.39 2.19 0.00 N | 71.77 2.88 0.00 N | 286.35 10.00 0.00 N | 213.43 8.54 0.00 N | 57.16 2.31 0.00 N | 56.04 1.75 -17.69 N | 61.05 1.59 -26.34 N | 53.95 2.29 -1.76 N | |
| GILBOA___4 | 96.86 | 93.69 | 125.51 | 97.13 | 99.94 | 68.98 | 113.90 | 62.69 | 101.78 | 107.83 | 211.21 | 111.74 | 101.89 | 71.65 | 54.33 | 47.74 | 47.39 | 71.77 | 286.35 | 213.43 | 57.16 | 56.04 | 61.05 | 53.95 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|--------------------------------|
| 23759 | 2.93 -32.47 N | 1.48 -64.42 N | 0.62 -113.55 N | 1.45 -68.49 N | 0.98 -80.40 N | 1.43 -37.61 N | 1.66 -76.19 N | 1.86 -16.85 N | 0.89 -81.14 N | 1.01 -84.07 N | 0.20 -207.86 N | 1.16 -87.89 N | 1.33 -75.38 N | 1.64 -39.32 N | 1.53 -24.38 N | 2.05 -7.24 N | 2.19 0.00 N | 2.88 0.00 N | 10.00 0.00 N | 8.54 0.00 N | 2.31 0.00 N | 1.75 -17.69 N | 1.59 -26.34 N | 2.29 -1.76 N |
| GILBOA____ 23599 | 96.86 2.93 -32.47 N | 93.69 1.48 -64.42 N | 125.51 0.62 -113.55 N | 97.13 1.45 -68.49 N | 99.94 0.98 -80.40 N | 68.98 1.43 -37.61 N | 113.90 1.66 -76.19 N | 62.69 1.86 -16.85 N | 101.78 0.89 -81.14 N | 107.83 1.01 -84.07 N | 211.21 0.20 -207.86 N | 111.74 1.16 -87.89 N | 101.89 1.33 -75.38 N | 71.65 1.64 -39.32 N | 54.33 1.53 -24.38 N | 47.74 2.05 -7.24 N | 47.39 2.19 0.00 N | 71.77 2.88 0.00 N | 286.35 10.00 0.00 N | 213.43 8.54 0.00 N | 57.16 2.31 0.00 N | 56.04 1.75 -17.69 N | 61.05 1.59 -26.34 N | 53.95 2.29 -1.76 N |
| GINNA____ 23603 | 60.71 -4.68 -3.93 N | 33.62 -1.96 -7.79 N | 24.23 -0.83 -13.72 N | 33.38 -2.09 -8.28 N | 27.00 -1.28 -9.72 N | 32.36 -2.14 -4.55 N | 42.26 -3.01 -9.21 N | 42.48 -4.16 -2.66 N | 27.78 -1.75 -9.79 N | 30.98 -1.92 -10.15 N | 28.04 -0.21 -25.09 N | 31.83 -1.47 -10.61 N | 32.75 -1.52 -9.10 N | 33.48 -1.96 -4.76 N | 29.53 -1.85 -2.95 N | 36.71 -2.61 -0.88 N | 41.72 -3.48 0.00 N | 63.28 -5.61 0.00 N | 255.85 -20.49 0.00 N | 190.26 -14.62 0.00 N | 50.65 -4.21 0.00 N | 35.98 -2.76 -2.14 N | 33.63 -2.67 -3.19 N | 45.75 -4.37 -0.21 N |
| GLEN PARK____ 23778 | 63.28 0.54 -1.27 N | 30.61 0.29 -2.52 N | 15.89 0.10 -4.45 N | 30.15 0.28 -2.68 N | 21.97 0.25 -3.15 N | 31.85 0.43 -1.47 N | 39.86 0.82 -2.98 N | 45.76 1.11 -0.66 N | 23.41 0.52 -3.14 N | 26.62 0.63 -3.25 N | 11.28 0.08 -8.04 N | 26.76 0.67 -3.40 N | 28.82 0.73 -2.91 N | 33.03 0.81 -1.54 N | 30.03 0.64 -0.96 N | 39.55 0.82 -0.28 N | 46.10 0.90 0.00 N | 70.82 1.93 0.00 N | 286.14 9.79 0.00 N | 211.48 6.59 0.00 N | 56.43 1.57 0.00 N | 38.28 0.99 -0.69 N | 34.91 0.76 -1.03 N | 50.91 0.93 -0.07 N |
| GLENWOOD_IC_1_G5 23712 | 146.75 5.96 -79.32 N | 220.17 2.76 -189.61 N | 190.45 1.01 -178.09 N | 137.98 2.39 -108.39 N | 108.17 1.63 -87.97 N | 91.67 2.86 -58.86 N | 183.36 3.52 -143.78 N | 489.28 4.36 -440.95 N | 281.66 2.02 -259.90 N | 239.11 2.41 -213.96 N | 331.04 0.36 -327.53 N | 114.98 2.34 -89.96 N | 105.00 2.63 -77.19 N | 84.51 3.50 -50.32 N | 164.15 3.29 -132.44 N | 64.30 4.40 -21.45 N | 50.01 4.82 0.00 N | 75.71 6.82 0.00 N | 300.45 24.10 0.00 N | 223.19 18.30 0.00 N | 75.36 4.90 -15.61 N | 71.61 3.80 -31.22 N | 119.41 3.47 -82.83 N | 149.82 4.89 -95.02 N |
| GLENWOOD_IC_2_G1 23688 | 146.48 5.70 -79.32 N | 220.06 2.64 -189.61 N | 190.40 0.97 -178.09 N | 137.89 2.30 -108.39 N | 108.11 1.56 -87.97 N | 91.54 2.74 -58.86 N | 183.20 3.37 -143.78 N | 489.08 4.16 -440.95 N | 281.57 1.92 -259.90 N | 238.99 2.29 -213.96 N | 331.02 0.34 -327.53 N | 114.88 2.23 -89.96 N | 104.87 2.51 -77.19 N | 84.33 3.32 -50.32 N | 164.00 3.13 -132.44 N | 64.20 4.30 -21.45 N | 49.92 4.72 0.00 N | 75.55 6.66 0.00 N | 299.69 23.34 0.00 N | 222.64 17.75 0.00 N | 75.21 4.75 -15.61 N | 71.40 3.59 -31.22 N | 119.22 3.28 -82.83 N | 149.58 4.65 -95.02 N |
| GLENWOOD_IC_3_G1 23689 | 146.48 5.70 -79.32 N | 220.06 2.64 -189.61 N | 190.40 0.97 -178.09 N | 137.89 2.30 -108.39 N | 108.11 1.56 -87.97 N | 91.54 2.74 -58.86 N | 183.20 3.37 -143.78 N | 489.08 4.16 -440.95 N | 281.57 1.92 -259.90 N | 238.99 2.29 -213.96 N | 331.02 0.34 -327.53 N | 114.88 2.23 -89.96 N | 104.87 2.51 -77.19 N | 84.33 3.32 -50.32 N | 164.00 3.13 -132.44 N | 64.20 4.30 -21.45 N | 49.92 4.72 0.00 N | 75.55 6.66 0.00 N | 299.69 23.34 0.00 N | 222.64 17.75 0.00 N | 75.21 4.75 -15.61 N | 71.40 3.59 -31.22 N | 119.22 3.28 -82.83 N | 149.58 4.65 -95.02 N |
| GLENWOOD____4 23550 | 146.75 5.96 -79.32 N | 220.17 2.76 -189.61 N | 190.45 1.01 -178.09 N | 137.98 2.39 -108.39 N | 108.17 1.63 -87.97 N | 91.67 2.86 -58.86 N | 183.36 3.52 -143.78 N | 489.28 4.36 -440.95 N | 281.66 2.02 -259.90 N | 239.11 2.41 -213.96 N | 331.04 0.36 -327.53 N | 114.98 2.34 -89.96 N | 105.00 2.63 -77.19 N | 84.51 3.50 -50.32 N | 164.16 3.29 -132.44 N | 64.34 4.45 -21.45 N | 50.07 4.87 0.00 N | 75.82 6.93 0.00 N | 300.78 24.44 0.00 N | 223.43 18.54 0.00 N | 75.42 4.96 -15.61 N | 71.61 3.80 -31.22 N | 119.41 3.47 -82.83 N | 149.82 4.89 -95.02 N |
| GLENWOOD____5 23614 | 146.75 5.96 -79.32 N | 220.17 2.76 -189.61 N | 190.45 1.01 -178.09 N | 137.98 2.39 -108.39 N | 108.17 1.63 -87.97 N | 91.67 2.86 -58.86 N | 183.36 3.52 -143.78 N | 489.28 4.36 -440.95 N | 281.66 2.02 -259.90 N | 239.11 2.41 -213.96 N | 331.04 0.36 -327.53 N | 114.98 2.34 -89.96 N | 105.00 2.63 -77.19 N | 84.51 3.50 -50.32 N | 164.16 3.29 -132.44 N | 64.34 4.45 -21.45 N | 50.07 4.87 0.00 N | 75.82 6.93 0.00 N | 300.78 24.44 0.00 N | 223.43 18.54 0.00 N | 75.42 4.96 -15.61 N | 71.61 3.80 -31.22 N | 119.41 3.47 -82.83 N | 149.82 4.89 -95.02 N |
| GLOBAL GREEN_PORT_GT1 23814 | 153.65 12.87 -79.32 N | 223.25 5.83 -189.61 N | 191.66 2.23 -178.09 N | 140.89 5.30 -108.39 N | 110.26 3.72 -87.97 N | 95.36 6.55 -58.86 N | 187.92 8.08 -143.78 N | 495.74 10.81 -440.95 N | 284.52 4.88 -259.90 N | 242.81 6.11 -213.96 N | 331.52 0.84 -327.53 N | 117.94 5.29 -89.96 N | 108.27 5.90 -77.19 N | 89.01 7.99 -50.32 N | 168.26 7.39 -132.44 N | 70.36 10.46 -21.45 N | 56.91 11.71 0.00 N | 86.39 17.50 0.00 N | 340.62 64.27 0.00 N | 252.54 47.65 0.00 N | 82.57 12.10 -15.61 N | 76.28 8.47 -31.22 N | 123.59 7.65 -82.83 N | 155.97 11.04 -95.02 N |
| GLOBE____DSASP 323697 | 61.50 -5.07 -5.11 N | 36.04 -1.91 -10.15 N | 28.33 -0.90 -17.89 N | 35.68 -2.30 -10.79 N | 29.88 -1.36 -12.67 N | 33.09 -2.78 -5.93 N | 43.12 -4.95 -12.00 N | 32.77 -7.43 3.78 N | 29.48 -3.07 -12.81 N | 32.70 -3.32 -13.28 N | 35.70 -0.29 -32.83 N | 34.33 -2.24 -13.88 N | 34.92 -2.16 -11.91 N | 33.99 -2.91 -6.21 N | 29.38 -2.89 -3.85 N | 35.59 -4.00 -1.14 N | 39.61 -5.59 0.00 N | 58.91 -9.98 0.00 N | 239.80 -36.54 0.00 N | 179.21 -25.67 0.00 N | 47.67 -7.19 0.00 N | 34.98 -4.41 -2.79 N | 33.42 -3.85 -4.15 N | 44.34 -5.84 -0.28 N |
| GOETHSLN____LBMP 323567 | 100.86 5.45 -33.94 N | 96.31 2.56 -65.95 N | 128.56 0.96 -116.26 N | 99.52 2.20 -70.13 N | 102.31 1.42 -82.32 N | 70.95 2.49 -38.51 N | 117.21 3.14 -78.01 N | 65.18 3.93 -17.27 N | 104.59 1.84 -83.01 N | 110.94 2.19 -86.00 N | 216.11 0.32 -212.64 N | 114.82 2.18 -89.95 N | 104.78 2.43 -77.18 N | 74.08 3.13 -40.26 N | 56.39 2.99 -24.96 N | 50.02 4.15 -7.42 N | 49.75 4.55 0.00 N | 75.27 6.38 0.00 N | 298.23 21.88 0.00 N | 221.04 16.15 0.00 N | 59.32 4.46 0.00 N | 58.01 3.32 -18.10 N | 63.07 3.00 -26.95 N | 55.93 4.22 -1.80 N |
| GOODYEAR_LAKE_HYD 323669 | 73.36 2.38 -9.51 N | 47.82 1.15 -18.87 N | 45.08 0.47 -33.26 N | 48.35 1.09 -20.06 N | 42.89 0.77 -23.55 N | 42.23 1.27 -11.02 N | 60.01 1.63 -22.32 N | 50.50 1.83 -4.69 N | 44.41 0.84 -23.82 N | 48.38 0.95 -24.68 N | 64.36 0.17 -61.03 N | 49.55 1.07 -25.80 N | 48.50 1.21 -22.12 N | 43.73 1.52 -11.52 N | 36.97 1.40 -7.14 N | 42.45 1.88 -2.12 N | 47.17 1.97 0.00 N | 71.90 3.01 0.00 N | 288.76 12.42 0.00 N | 215.12 10.23 0.00 N | 57.45 2.60 0.00 N | 43.59 1.81 -5.19 N | 42.36 1.53 -7.72 N | 52.45 2.03 -0.52 N |
| GOUDEY____7 23579 | 72.43 0.23 -10.73 N | 49.34 0.25 -21.29 N | 48.95 0.08 -37.53 N | 49.98 0.15 -22.64 N | 45.30 0.15 -26.58 N | 42.62 0.24 -12.43 N | 61.32 0.08 -25.18 N | 48.50 -0.35 -4.87 N | 46.57 -0.05 -27.86 N | 50.64 0.03 -27.86 N | 72.16 0.12 -68.88 N | 52.07 0.25 -29.13 N | 50.52 0.36 -24.99 N | 44.13 0.44 -13.00 N | 36.86 0.37 -8.06 N | 41.41 0.56 -2.40 N | 45.43 0.23 0.00 N | 68.72 -0.17 0.00 N | 276.33 -0.01 0.00 N | 205.80 0.92 0.00 N | 54.93 0.07 0.00 N | 42.59 0.14 -5.85 N | 41.97 0.15 -8.71 N | 50.56 0.08 -0.58 N |

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| 24132 | 5.98 -55.97 N | 2.79 -75.31 N | 1.05 -169.53 N | 2.47 -75.20 N | 1.63 -82.32 N | 2.86 -38.51 N | 3.53 -184.92 N | 4.38 -164.87 N | 2.05 -206.00 N | 2.42 -186.65 N | 0.37 -217.80 N | 2.43 -89.95 N | 2.71 -77.19 N | 3.48 -40.26 N | 3.32 -24.97 N | 4.49 -11.38 N | 4.96 -74.12 N | 6.82 -130.15 N | 23.43 -53.86 N | 17.42 -35.44 N | 4.89 -167.80 N | 3.64 -187.32 N | 3.32 -191.12 N | 4.72 -165.49 N |
| GOWANUS_GT4_4 24133 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| GOWANUS_GT4_5 24134 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| GOWANUS_GT4_6 24135 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| GOWANUS_GT4_7 24136 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| GOWANUS_GT4_8 24137 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| GREENIDGE___3 23582 | 67.21 -0.65 -6.40 N | 40.40 -0.09 -12.69 N | 33.65 -0.06 -22.37 N | 40.44 -0.25 -13.49 N | 34.37 -0.04 -15.84 N | 37.31 -0.05 -7.41 N | 50.68 -0.39 -15.01 N | 46.12 -1.04 -3.18 N | 35.46 -0.32 -16.04 N | 39.18 -0.23 -16.66 N | 44.46 0.10 -41.20 N | 40.24 0.13 -17.42 N | 40.38 0.27 -14.94 N | 38.71 0.25 -7.78 N | 33.37 0.12 -4.82 N | 40.04 0.16 -1.43 N | 44.85 -0.35 0.00 N | 67.87 -1.02 0.00 N | 274.54 -1.81 0.00 N | 204.75 -0.13 0.00 N | 54.49 -0.37 0.00 N | 39.88 -0.21 -3.50 N | 38.05 -0.27 -5.21 N | 49.56 -0.69 -0.35 N |
| GREENIDGE___4 23583 | 67.21 -0.65 -6.40 N | 40.40 -0.09 -12.69 N | 33.65 -0.06 -22.37 N | 40.44 -0.25 -13.49 N | 34.37 -0.04 -15.84 N | 37.31 -0.05 -7.41 N | 50.68 -0.39 -15.01 N | 46.12 -1.04 -3.18 N | 35.46 -0.32 -16.04 N | 39.18 -0.23 -16.66 N | 44.46 0.10 -41.20 N | 40.24 0.13 -17.42 N | 40.38 0.27 -14.94 N | 38.71 0.25 -7.78 N | 33.37 0.12 -4.82 N | 40.04 0.16 -1.43 N | 44.85 -0.35 0.00 N | 67.87 -1.02 0.00 N | 274.54 -1.81 0.00 N | 204.75 -0.13 0.00 N | 54.49 -0.37 0.00 N | 39.88 -0.21 -3.50 N | 38.05 -0.27 -5.21 N | 49.56 -0.69 -0.35 N |
| GROVEVILLE___HYD 323602 | 101.03 5.49 -34.07 N | 97.94 2.53 -67.60 N | 131.49 0.98 -119.17 N | 101.36 2.29 -71.88 N | 104.50 1.55 -84.38 N | 72.10 2.68 -39.47 N | 119.35 3.33 -79.96 N | 65.75 4.08 -17.69 N | 106.62 1.88 -84.99 N | 113.03 2.22 -88.06 N | 221.22 0.34 -217.72 N | 117.10 2.27 -92.15 N | 106.85 2.56 -79.12 N | 75.19 3.23 -41.27 N | 57.06 3.04 -25.58 N | 50.22 4.17 -7.60 N | 49.86 4.66 0.00 N | 75.55 6.66 0.00 N | 300.98 24.63 0.00 N | 223.40 18.51 0.00 N | 59.84 4.98 0.00 N | 58.73 3.60 -18.53 N | 63.94 3.22 -27.61 N | 56.34 4.58 -1.85 N |
| HAMPSHIRE___PAPER_HYD 323593 | 60.80 -0.66 0.00 N | 27.63 -0.17 0.00 N | 11.26 -0.08 0.00 N | 27.12 -0.07 0.00 N | 18.50 -0.06 0.00 N | 29.55 -0.40 0.00 N | 35.74 -0.32 0.00 N | 43.53 -0.45 0.00 N | 19.57 -0.18 0.00 N | 22.56 -0.19 0.00 N | 3.12 -0.03 0.00 N | 22.45 -0.24 0.00 N | 24.92 -0.26 0.00 N | 30.33 -0.36 0.00 N | 28.04 -0.39 0.00 N | 37.87 -0.58 0.00 N | 44.48 -0.72 0.00 N | 68.29 -0.60 0.00 N | 275.62 -0.72 0.00 N | 201.84 -3.05 0.00 N | 54.13 -0.73 0.00 N | 36.27 -0.32 0.00 N | 33.08 -0.04 0.00 N | 50.22 0.31 0.00 N |
| HARDSCRABBLE_WT_PWR 323673 | 64.54 3.93 0.86 N | 27.97 1.87 1.70 N | 9.04 0.70 3.00 N | 26.94 1.56 1.81 N | 17.39 0.95 2.12 N | 30.53 1.58 1.00 N | 35.99 1.94 2.01 N | 45.75 2.21 0.45 N | 18.52 0.89 2.12 N | 21.56 1.01 2.20 N | -2.11 0.15 5.43 N | 21.44 1.05 2.30 N | 24.37 1.17 1.97 N | 31.01 1.35 1.03 N | 28.95 1.16 0.64 N | 39.90 1.64 0.19 N | 47.10 1.91 0.00 N | 71.64 2.75 0.00 N | 286.18 9.84 0.00 N | 213.82 8.93 0.00 N | 57.12 2.26 0.00 N | 37.71 1.58 0.47 N | 33.78 1.36 0.69 N | 52.24 2.38 0.05 N |
| HARZA MOOSE___RIVER 24016 | 62.12 0.65 0.00 N | 28.14 0.34 0.00 N | 11.47 0.13 0.00 N | 27.51 0.32 0.00 N | 18.82 0.25 0.00 N | 30.35 0.41 0.00 N | 36.70 0.64 0.00 N | 44.74 0.76 0.00 N | 20.09 0.35 0.00 N | 23.17 0.42 0.00 N | 3.21 0.06 0.00 N | 23.15 0.47 0.00 N | 25.69 0.52 0.00 N | 31.28 0.59 0.00 N | 28.94 0.51 0.00 N | 39.10 0.66 0.00 N | 45.91 0.71 0.00 N | 70.24 1.36 0.00 N | 282.72 6.37 0.00 N | 209.07 4.19 0.00 N | 55.85 1.00 0.00 N | 37.28 0.68 0.00 N | 33.69 0.57 0.00 N | 50.70 0.79 0.00 N |
| HEMPSTEAD___ 23647 | 146.73 5.94 -79.32 N | 220.19 2.77 -189.61 N | 190.43 1.00 -178.09 N | 137.95 2.36 -108.39 N | 108.15 1.61 -87.97 N | 91.65 2.84 -58.86 N | 183.30 3.47 -143.78 N | 489.19 4.26 -440.95 N | 281.61 1.97 -259.90 N | 239.05 2.34 -213.96 N | 331.03 0.35 -327.53 N | 114.84 2.20 -89.96 N | 104.83 2.46 -77.19 N | 84.39 3.37 -50.32 N | 164.04 3.17 -132.44 N | 64.24 4.34 -21.45 N | 49.92 4.72 0.00 N | 75.56 6.67 0.00 N | 299.61 23.27 0.00 N | 222.63 17.74 0.00 N | 75.17 4.70 -15.61 N | 71.48 3.67 -31.22 N | 119.37 3.43 -82.83 N | 149.78 4.85 -95.02 N |
| HICKLING___1 23621 | 69.63 -0.06 -8.22 N | 44.37 0.25 -16.32 N | 40.17 0.06 -28.77 N | 44.64 0.10 -17.35 N | 39.11 0.17 -20.37 N | 39.75 0.27 -9.53 N | 55.30 -0.06 -19.30 N | 46.60 -0.92 -3.54 N | 40.13 -0.25 -20.63 N | 44.07 -0.09 -21.41 N | 56.30 0.20 -52.94 N | 45.37 0.30 -22.39 N | 44.88 0.50 -19.20 N | 41.26 0.59 -9.98 N | 34.98 0.36 -6.19 N | 40.88 0.60 -1.84 N | 45.19 -0.01 0.00 N | 68.02 -0.87 0.00 N | 274.99 -1.36 0.00 N | 205.24 0.36 0.00 N | 54.64 -0.22 0.00 N | 41.00 -0.08 -4.49 N | 39.81 0.01 -6.69 N | 50.19 -0.16 -0.45 N |

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| HICKLING___2 23622 | 69.63 -0.06 -8.22 N | 44.37 0.25 -16.32 N | 40.17 0.06 -28.77 N | 44.64 0.10 -17.35 N | 39.11 0.17 -20.37 N | 39.75 0.27 -9.53 N | 55.30 -0.06 -19.30 N | 46.60 -0.92 -3.54 N | 40.13 -0.25 -20.63 N | 44.07 -0.09 -21.41 N | 56.30 0.20 -52.94 N | 45.37 0.30 -22.39 N | 44.88 0.50 -19.20 N | 41.26 0.59 -9.98 N | 34.98 0.36 -6.19 N | 40.88 0.60 -1.84 N | 45.19 -0.01 0.00 N | 68.02 -0.87 0.00 N | 274.99 -1.36 0.00 N | 205.24 0.36 0.00 N | 54.64 -0.22 0.00 N | 41.00 -0.08 -4.49 N | 39.81 0.01 -6.69 N | 50.19 -0.16 -0.45 N |
| HIGH FALLS___HY 23754 | 100.88 5.88 -33.54 N | 96.96 2.61 -66.55 N | 129.64 0.99 -117.31 N | 100.28 2.33 -70.76 N | 103.22 1.59 -83.06 N | 71.55 2.75 -38.86 N | 118.29 3.52 -78.71 N | 65.75 4.40 -17.37 N | 105.04 2.00 -83.30 N | 111.50 2.45 -86.31 N | 216.94 0.39 -213.39 N | 115.70 2.51 -90.50 N | 105.87 2.82 -77.88 N | 74.86 3.55 -40.63 N | 56.88 3.27 -25.19 N | 50.40 4.47 -7.48 N | 50.29 5.09 0.00 N | 76.45 7.56 0.00 N | 305.55 29.20 0.00 N | 227.08 22.19 0.00 N | 60.75 5.89 0.00 N | 58.80 4.04 -18.17 N | 63.73 3.54 -27.08 N | 56.77 5.05 -1.82 N |
| HILLBURN___GT 23639 | 98.71 5.27 -31.98 N | 93.67 2.43 -63.44 N | 124.10 0.93 -111.83 N | 96.83 2.18 -67.45 N | 99.22 1.47 -79.18 N | 69.55 2.56 -37.04 N | 114.24 3.15 -75.04 N | 64.44 3.85 -16.60 N | 101.35 1.77 -79.84 N | 107.58 2.11 -82.72 N | 207.98 0.31 -204.52 N | 111.36 2.15 -86.52 N | 101.84 2.43 -74.24 N | 72.51 3.10 -38.73 N | 55.36 2.92 -24.01 N | 49.60 4.02 -7.13 N | 49.66 4.46 0.00 N | 75.25 6.36 0.00 N | 298.93 22.58 0.00 N | 221.81 16.92 0.00 N | 59.45 4.59 0.00 N | 57.42 3.42 -17.41 N | 62.12 3.08 -25.92 N | 55.98 4.34 -1.73 N |
| HISHELDN_WT_PWR 323625 | 63.87 -3.50 -5.90 N | 38.25 -1.26 -11.71 N | 31.39 -0.59 -20.64 N | 38.19 -1.45 -12.45 N | 32.40 -0.78 -14.61 N | 35.15 -1.64 -6.84 N | 46.80 -3.11 -13.85 N | 43.26 -4.96 -4.24 N | 32.49 -2.02 -14.77 N | 35.95 -2.11 -15.32 N | 40.94 -0.08 -37.87 N | 37.42 -1.28 -16.01 N | 37.79 -1.11 -13.74 N | 36.34 -1.51 -7.16 N | 31.28 -1.59 -4.44 N | 37.56 -2.20 -1.32 N | 41.79 -3.41 0.00 N | 62.56 -6.33 0.00 N | 254.07 -22.28 0.00 N | 190.12 -14.76 0.00 N | 50.51 -4.35 0.00 N | 37.16 -2.65 -3.22 N | 35.63 -2.28 -4.79 N | 46.68 -3.55 -0.32 N |
| HOLTSVILLE_IC_1 23690 | 146.99 6.21 -79.32 N | 220.31 2.90 -189.61 N | 190.48 1.05 -178.09 N | 138.05 2.46 -108.39 N | 108.26 1.72 -87.97 N | 91.94 3.13 -58.86 N | 183.57 4.39 -143.78 N | 489.32 4.39 -440.95 N | 281.59 1.95 -259.90 N | 239.19 2.48 -213.96 N | 331.02 0.33 -327.53 N | 114.63 1.98 -89.96 N | 104.60 2.24 -77.19 N | 84.41 3.39 -50.32 N | 164.05 3.18 -132.44 N | 64.48 4.59 -21.45 N | 49.97 4.77 0.00 N | 75.13 6.24 0.00 N | 297.23 20.88 0.00 N | 221.59 16.71 0.00 N | 74.74 4.27 -15.61 N | 71.29 3.47 -31.22 N | 119.33 3.39 -82.83 N | 149.94 5.01 -95.02 N |
| HOLTSVILLE_IC_10 23699 | 148.16 7.37 -79.32 N | 220.86 3.45 -189.61 N | 190.68 1.25 -178.09 N | 138.55 2.96 -108.39 N | 108.62 2.08 -87.97 N | 92.54 3.74 -58.86 N | 184.35 4.51 -143.78 N | 489.93 5.00 -440.95 N | 281.97 2.33 -259.90 N | 239.73 3.03 -213.96 N | 331.08 0.40 -327.53 N | 115.15 2.51 -89.96 N | 105.19 2.82 -77.19 N | 85.13 4.12 -50.32 N | 164.71 3.85 -132.44 N | 65.30 5.41 -21.45 N | 50.93 5.74 0.00 N | 76.69 7.80 0.00 N | 303.82 27.48 0.00 N | 226.32 21.43 0.00 N | 75.98 5.51 -15.61 N | 72.16 4.34 -31.22 N | 120.06 4.11 -82.83 N | 150.93 6.00 -95.02 N |
| HOLTSVILLE_IC_2 23691 | 146.99 6.21 -79.32 N | 220.31 2.90 -189.61 N | 190.48 1.05 -178.09 N | 138.05 2.46 -108.39 N | 108.26 1.72 -87.97 N | 91.94 3.13 -58.86 N | 183.57 4.39 -143.78 N | 489.32 4.39 -440.95 N | 281.59 1.95 -259.90 N | 239.19 2.48 -213.96 N | 331.02 0.33 -327.53 N | 114.63 1.98 -89.96 N | 104.60 2.24 -77.19 N | 84.41 3.39 -50.32 N | 164.05 3.18 -132.44 N | 64.48 4.59 -21.45 N | 49.97 4.77 0.00 N | 75.13 6.24 0.00 N | 297.23 20.88 0.00 N | 221.59 16.71 0.00 N | 74.74 4.27 -15.61 N | 71.29 3.47 -31.22 N | 119.33 3.39 -82.83 N | 149.94 5.01 -95.02 N |
| HOLTSVILLE_IC_3 23692 | 146.99 6.21 -79.32 N | 220.31 2.90 -189.61 N | 190.48 1.05 -178.09 N | 138.05 2.46 -108.39 N | 108.26 1.72 -87.97 N | 91.94 3.13 -58.86 N | 183.57 4.39 -143.78 N | 489.32 4.39 -440.95 N | 281.59 1.95 -259.90 N | 239.19 2.48 -213.96 N | 331.02 0.33 -327.53 N | 114.63 1.98 -89.96 N | 104.60 2.24 -77.19 N | 84.41 3.39 -50.32 N | 164.05 3.18 -132.44 N | 64.48 4.59 -21.45 N | 49.97 4.77 0.00 N | 75.13 6.24 0.00 N | 297.23 20.88 0.00 N | 221.59 16.71 0.00 N | 74.74 4.27 -15.61 N | 71.29 3.47 -31.22 N | 119.33 3.39 -82.83 N | 149.94 5.01 -95.02 N |
| HOLTSVILLE_IC_4 23693 | 146.99 6.21 -79.32 N | 220.31 2.90 -189.61 N | 190.48 1.05 -178.09 N | 138.05 2.46 -108.39 N | 108.26 1.72 -87.97 N | 91.94 3.13 -58.86 N | 183.57 4.39 -143.78 N | 489.32 4.39 -440.95 N | 281.59 1.95 -259.90 N | 239.19 2.48 -213.96 N | 331.02 0.33 -327.53 N | 114.63 1.98 -89.96 N | 104.60 2.24 -77.19 N | 84.41 3.39 -50.32 N | 164.05 3.18 -132.44 N | 64.48 4.59 -21.45 N | 49.97 4.77 0.00 N | 75.13 6.24 0.00 N | 297.23 20.88 0.00 N | 221.59 16.71 0.00 N | 74.74 4.27 -15.61 N | 71.29 3.47 -31.22 N | 119.33 3.39 -82.83 N | 149.94 5.01 -95.02 N |
| HOLTSVILLE_IC_5 23694 | 146.99 6.21 -79.32 N | 220.31 2.90 -189.61 N | 190.48 1.05 -178.09 N | 138.05 2.46 -108.39 N | 108.26 1.72 -87.97 N | 91.94 3.13 -58.86 N | 183.57 4.39 -143.78 N | 489.32 4.39 -440.95 N | 281.59 1.95 -259.90 N | 239.19 2.48 -213.96 N | 331.02 0.33 -327.53 N | 114.63 1.98 -89.96 N | 104.60 2.24 -77.19 N | 84.41 3.39 -50.32 N | 164.05 3.18 -132.44 N | 64.48 4.59 -21.45 N | 49.97 4.77 0.00 N | 75.13 6.24 0.00 N | 297.23 20.88 0.00 N | 221.59 16.71 0.00 N | 74.74 4.27 -15.61 N | 71.29 3.47 -31.22 N | 119.33 3.39 -82.83 N | 149.94 5.01 -95.02 N |
| HOLTSVILLE_IC_6 23695 | 148.16 7.37 -79.32 N | 220.86 3.45 -189.61 N | 190.68 1.25 -178.09 N | 138.55 2.96 -108.39 N | 108.62 2.08 -87.97 N | 92.54 3.74 -58.86 N | 184.35 4.51 -143.78 N | 489.93 5.00 -440.95 N | 281.97 2.33 -259.90 N | 239.73 3.03 -213.96 N | 331.08 0.40 -327.53 N | 115.15 2.51 -89.96 N | 105.19 2.82 -77.19 N | 85.13 4.12 -50.32 N | 164.71 3.85 -132.44 N | 65.30 5.41 -21.45 N | 50.93 5.74 0.00 N | 76.69 7.80 0.00 N | 303.82 27.48 0.00 N | 226.32 21.43 0.00 N | 75.98 5.51 -15.61 N | 72.16 4.34 -31.22 N | 120.06 4.11 -82.83 N | 150.93 6.00 -95.02 N |
| HOLTSVILLE_IC_7 23696 | 148.16 7.37 -79.32 N | 220.86 3.45 -189.61 N | 190.68 1.25 -178.09 N | 138.55 2.96 -108.39 N | 108.62 2.08 -87.97 N | 92.54 3.74 -58.86 N | 184.35 4.51 -143.78 N | 489.93 5.00 -440.95 N | 281.97 2.33 -259.90 N | 239.73 3.03 -213.96 N | 331.08 0.40 -327.53 N | 115.15 2.51 -89.96 N | 105.19 2.82 -77.19 N | 85.13 4.12 -50.32 N | 164.71 3.85 -132.44 N | 65.30 5.41 -21.45 N | 50.93 5.74 0.00 N | 76.69 7.80 0.00 N | 303.82 27.48 0.00 N | 226.32 21.43 0.00 N | 75.98 5.51 -15.61 N | 72.16 4.34 -31.22 N | 120.06 4.11 -82.83 N | 150.93 6.00 -95.02 N |
| HOLTSVILLE_IC_8 23697 | 148.16 7.37 -79.32 N | 220.86 3.45 -189.61 N | 190.68 1.25 -178.09 N | 138.55 2.96 -108.39 N | 108.62 2.08 -87.97 N | 92.54 3.74 -58.86 N | 184.35 4.51 -143.78 N | 489.93 5.00 -440.95 N | 281.97 2.33 -259.90 N | 239.73 3.03 -213.96 N | 331.08 0.40 -327.53 N | 115.15 2.51 -89.96 N | 105.19 2.82 -77.19 N | 85.13 4.12 -50.32 N | 164.71 3.85 -132.44 N | 65.30 5.41 -21.45 N | 50.93 5.74 0.00 N | 76.69 7.80 0.00 N | 303.82 27.48 0.00 N | 226.32 21.43 0.00 N | 75.98 5.51 -15.61 N | 72.16 4.34 -31.22 N | 120.06 4.11 -82.83 N | 150.93 6.00 -95.02 N |
| HOLTSVILLE_IC_9 23698 | 148.16 7.37 -79.32 N | 220.86 3.45 -189.61 N | 190.68 1.25 -178.09 N | 138.55 2.96 -108.39 N | 108.62 2.08 -87.97 N | 92.54 3.74 -58.86 N | 184.35 4.51 -143.78 N | 489.93 5.00 -440.95 N | 281.97 2.33 -259.90 N | 239.73 3.03 -213.96 N | 331.08 0.40 -327.53 N | 115.15 2.51 -89.96 N | 105.19 2.82 -77.19 N | 85.13 4.12 -50.32 N | 164.71 3.85 -132.44 N | 65.30 5.41 -21.45 N | 50.93 5.74 0.00 N | 76.69 7.80 0.00 N | 303.82 27.48 0.00 N | 226.32 21.43 0.00 N | 75.98 5.51 -15.61 N | 72.16 4.34 -31.22 N | 120.06 4.11 -82.83 N | 150.93 6.00 -95.02 N |

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| 23560 | -3.71 -5.19 N | -1.29 -10.29 N | -0.64 -18.14 N | -1.65 -10.94 N | -0.94 -12.85 N | -2.11 -6.01 N | -4.09 -12.17 N | -6.42 3.72 N | -2.67 -12.97 N | -2.84 -13.45 N | -0.20 -33.25 N | -1.74 -14.06 N | -1.60 -12.06 N | -2.21 -6.29 N | -2.22 -3.90 N | -3.11 -1.16 N | -4.68 0.00 N | -8.63 0.00 N | -30.84 0.00 N | -21.24 0.00 N | -6.05 0.00 N | -3.66 -2.83 N | -3.02 -4.21 N | -4.52 -0.28 N |
| HUNTLEY____67 23561 | 62.10 -4.60 -5.24 N | 36.53 -1.66 -10.39 N | 28.87 -0.78 -18.31 N | 36.26 -1.97 -11.04 N | 30.37 -1.16 -12.96 N | 33.66 -2.36 -6.06 N | 44.10 -4.24 -12.29 N | 33.85 -6.47 3.66 N | 30.17 -2.67 -13.09 N | 33.49 -2.83 -13.57 N | 36.54 -0.17 -33.56 N | 35.04 -1.84 -14.19 N | 35.63 -1.71 -12.17 N | 34.75 -2.29 -6.35 N | 30.04 -2.32 -3.94 N | 36.33 -3.29 -1.17 N | 40.44 -4.76 0.00 N | 60.29 -8.60 0.00 N | 245.33 -31.02 0.00 N | 183.45 -21.44 0.00 N | 48.76 -6.10 0.00 N | 35.69 -3.76 -2.86 N | 34.09 -3.27 -4.25 N | 45.11 -5.08 -0.28 N |
| HUNTLEY____68 23562 | 62.10 -4.60 -5.24 N | 36.53 -1.66 -10.39 N | 28.87 -0.78 -18.31 N | 36.26 -1.97 -11.04 N | 30.37 -1.16 -12.96 N | 33.66 -2.36 -6.06 N | 44.10 -4.24 -12.29 N | 33.85 -6.47 3.66 N | 30.17 -2.67 -13.09 N | 33.49 -2.83 -13.57 N | 36.54 -0.17 -33.56 N | 35.04 -1.84 -14.19 N | 35.63 -1.71 -12.17 N | 34.75 -2.29 -6.35 N | 30.04 -2.32 -3.94 N | 36.33 -3.29 -1.17 N | 40.44 -4.76 0.00 N | 60.29 -8.60 0.00 N | 245.33 -31.02 0.00 N | 183.45 -21.44 0.00 N | 48.76 -6.10 0.00 N | 35.69 -3.76 -2.86 N | 34.09 -3.27 -4.25 N | 45.11 -5.08 -0.28 N |
| HYLAND____LFGE 323620 | 67.63 0.43 -5.72 N | 39.53 0.37 -11.36 N | 31.43 0.08 -20.02 N | 39.37 0.10 -12.07 N | 33.02 0.27 -14.18 N | 36.91 0.33 -6.63 N | 49.37 -0.12 -13.43 N | 46.56 -0.77 -3.35 N | 33.96 -0.11 -14.32 N | 37.68 0.07 -14.86 N | 40.05 0.15 -36.75 N | 38.90 0.68 -15.54 N | 39.42 0.91 -13.33 N | 38.58 0.94 -6.94 N | 33.45 0.72 -4.31 N | 40.65 0.93 -1.28 N | 45.64 0.44 0.00 N | 69.15 0.26 0.00 N | 281.10 4.76 0.00 N | 209.70 4.82 0.00 N | 55.63 0.77 0.00 N | 40.25 0.53 -3.12 N | 38.06 0.30 -4.65 N | 50.20 -0.01 -0.31 N |
| INDECK____CORINTH 23802 | 109.55 4.35 -43.73 N | 116.47 1.90 -86.76 N | 165.04 0.76 -152.94 N | 121.22 1.78 -92.25 N | 128.13 1.27 -108.29 N | 82.72 2.12 -50.66 N | 141.31 2.63 -102.62 N | 70.10 3.31 -22.81 N | 130.57 1.45 -109.38 N | 137.79 1.72 -113.33 N | 283.60 0.24 -280.20 N | 142.71 1.59 -118.43 N | 128.29 1.58 -101.53 N | 85.27 1.61 -52.96 N | 62.72 1.45 -32.83 N | 50.11 1.91 -9.75 N | 47.53 2.33 0.00 N | 72.31 3.43 0.00 N | 290.01 13.66 0.00 N | 217.50 12.61 0.00 N | 58.21 3.36 0.00 N | 63.22 2.77 -23.85 N | 71.26 2.63 -35.51 N | 55.61 3.33 -2.37 N |
| INDECK____ILION 23567 | 63.04 2.43 0.86 N | 27.25 1.15 1.70 N | 8.78 0.44 3.00 N | 26.40 1.01 1.81 N | 17.10 0.66 2.12 N | 30.05 1.10 1.00 N | 35.40 1.36 2.01 N | 45.09 1.56 0.45 N | 18.30 0.67 2.12 N | 21.33 0.78 2.20 N | -2.15 0.12 5.43 N | 21.22 0.83 2.30 N | 24.14 0.93 1.97 N | 30.77 1.12 1.03 N | 28.77 0.99 0.64 N | 39.60 1.35 0.19 N | 46.77 1.58 0.00 N | 71.20 2.31 0.00 N | 284.96 8.61 0.00 N | 211.89 7.00 0.00 N | 56.67 1.81 0.00 N | 37.40 1.28 0.47 N | 33.54 1.12 0.69 N | 51.58 1.72 0.05 N |
| INDECK____OLEAN 23982 | 66.89 -0.36 -5.78 N | 39.46 0.20 -11.47 N | 31.52 -0.03 -20.21 N | 39.32 -0.06 -12.19 N | 33.05 0.17 -14.31 N | 36.40 -0.24 -6.70 N | 47.74 -1.88 -13.56 N | 37.37 -3.80 2.81 N | 32.83 -1.38 -14.47 N | 36.46 -1.29 -15.01 N | 40.36 0.10 -37.10 N | 37.85 -0.54 -15.70 N | 38.34 -0.30 -13.47 N | 37.22 -0.48 -7.01 N | 31.98 -0.79 -4.34 N | 38.61 -1.14 -1.29 N | 42.86 -2.34 0.00 N | 64.21 -4.69 0.00 N | 260.93 -15.42 0.00 N | 196.28 -8.61 0.00 N | 52.17 -2.69 0.00 N | 38.29 -1.46 -3.15 N | 37.76 -0.05 -4.69 N | 49.83 -0.39 -0.31 N |
| INDECK____OSWEGO 23783 | 61.80 -2.10 -2.43 N | 31.75 -0.86 -4.82 N | 19.49 -0.35 -8.50 N | 31.42 -0.90 -5.13 N | 24.03 -0.55 -6.02 N | 31.87 -0.89 -2.82 N | 40.63 -1.13 -5.70 N | 43.78 -1.47 -1.27 N | 25.12 -0.61 -5.98 N | 28.27 -0.68 -6.20 N | 18.39 -0.10 -15.33 N | 28.63 -0.54 -6.48 N | 30.14 -0.59 -5.56 N | 32.87 -0.76 -2.94 N | 29.50 -0.75 -1.82 N | 37.77 -1.22 -0.54 N | 43.44 -1.76 0.00 N | 66.07 -2.82 0.00 N | 265.48 -10.87 0.00 N | 197.20 -7.69 0.00 N | 52.66 -2.20 0.00 N | 36.54 -1.38 -1.32 N | 33.75 -1.34 -1.97 N | 47.81 -2.22 -0.13 N |
| INDECK____YERKES 23781 | 62.95 -3.71 -5.19 N | 36.80 -1.29 -10.29 N | 28.85 -0.64 -18.14 N | 36.48 -1.65 -10.94 N | 30.47 -0.94 -12.85 N | 33.85 -2.11 -6.01 N | 44.14 -4.09 -12.17 N | 33.85 -6.42 3.72 N | 30.04 -2.67 -12.97 N | 33.35 -2.84 -13.45 N | 36.21 -0.20 -33.25 N | 35.00 -1.74 -14.06 N | 35.63 -1.60 -12.06 N | 34.78 -2.21 -6.29 N | 30.11 -2.22 -3.90 N | 36.49 -3.11 -1.16 N | 40.52 -4.68 0.00 N | 60.26 -8.63 0.00 N | 245.51 -30.84 0.00 N | 183.65 -21.24 0.00 N | 48.80 -6.05 0.00 N | 35.77 -3.66 -2.83 N | 34.31 -3.02 -4.21 N | 45.66 -4.52 -0.28 N |
| INDIAN POINT_GT_1 24139 | 99.38 4.90 -33.01 N | 95.58 2.27 -65.50 N | 127.67 0.86 -115.47 N | 98.85 2.02 -69.64 N | 101.68 1.35 -81.75 N | 70.56 2.36 -38.24 N | 116.44 2.91 -77.47 N | 64.72 3.59 -17.15 N | 103.85 1.66 -82.44 N | 110.14 1.98 -85.41 N | 214.63 0.29 -211.18 N | 114.02 2.00 -89.33 N | 104.08 2.25 -76.66 N | 73.56 2.88 -39.99 N | 55.95 2.73 -24.79 N | 49.58 3.77 -7.36 N | 49.36 4.17 0.00 N | 74.76 5.87 0.00 N | 296.96 20.62 0.00 N | 220.30 15.41 0.00 N | 59.06 4.20 0.00 N | 57.72 3.15 -17.98 N | 62.73 2.84 -26.77 N | 55.72 4.02 -1.79 N |
| INDIAN POINT_GT_2 23659 | 99.38 4.90 -33.01 N | 95.58 2.27 -65.50 N | 127.67 0.86 -115.47 N | 98.85 2.02 -69.64 N | 101.68 1.35 -81.75 N | 70.56 2.36 -38.24 N | 116.44 2.91 -77.47 N | 64.72 3.59 -17.15 N | 103.85 1.66 -82.44 N | 110.14 1.98 -85.41 N | 214.63 0.29 -211.18 N | 114.02 2.00 -89.33 N | 104.08 2.25 -76.66 N | 73.56 2.88 -39.99 N | 55.95 2.73 -24.79 N | 49.58 3.77 -7.36 N | 49.36 4.17 0.00 N | 74.76 5.87 0.00 N | 296.96 20.62 0.00 N | 220.30 15.41 0.00 N | 59.06 4.20 0.00 N | 57.72 3.15 -17.98 N | 62.73 2.84 -26.77 N | 55.72 4.02 -1.79 N |
| INDIAN POINT_GT_3 24019 | 99.38 4.90 -33.01 N | 95.58 2.27 -65.50 N | 127.67 0.86 -115.47 N | 98.85 2.02 -69.64 N | 101.68 1.35 -81.75 N | 70.56 2.36 -38.24 N | 116.44 2.91 -77.47 N | 64.72 3.59 -17.15 N | 103.85 1.66 -82.44 N | 110.14 1.98 -85.41 N | 214.63 0.29 -211.18 N | 114.02 2.00 -89.33 N | 104.08 2.25 -76.66 N | 73.56 2.88 -39.99 N | 55.95 2.73 -24.79 N | 49.58 3.77 -7.36 N | 49.36 4.17 0.00 N | 74.76 5.87 0.00 N | 296.96 20.62 0.00 N | 220.30 15.41 0.00 N | 59.06 4.20 0.00 N | 57.72 3.15 -17.98 N | 62.73 2.84 -26.77 N | 55.72 4.02 -1.79 N |
| INDIAN POINT____2 23530 | 98.82 4.69 -32.66 N | 94.78 2.17 -64.81 N | 126.40 0.82 -114.24 N | 98.03 1.93 -68.91 N | 100.75 1.29 -80.89 N | 70.04 2.26 -37.84 N | 115.50 2.78 -76.65 N | 64.38 3.43 -16.96 N | 102.89 1.59 -81.56 N | 109.14 1.89 -84.51 N | 212.38 0.28 -208.94 N | 112.98 1.91 -88.38 N | 103.17 2.15 -75.84 N | 73.01 2.76 -39.56 N | 55.58 2.62 -24.53 N | 49.35 3.62 -7.29 N | 49.19 3.99 0.00 N | 74.48 5.59 0.00 N | 295.71 19.37 0.00 N | 219.41 14.53 0.00 N | 58.83 3.97 0.00 N | 57.38 3.00 -17.79 N | 62.32 2.72 -26.49 N | 55.51 3.84 -1.77 N |
| INDIAN POINT____3 23531 | 99.13 4.63 -33.03 N | 95.48 2.14 -65.54 N | 127.68 0.80 -115.53 N | 98.76 1.89 -69.68 N | 101.64 1.27 -81.80 N | 70.44 2.22 -38.26 N | 116.32 2.74 -77.52 N | 64.51 3.37 -17.16 N | 103.79 1.56 -82.48 N | 110.06 1.86 -85.46 N | 214.73 0.28 -211.30 N | 113.95 1.88 -89.38 N | 103.98 2.11 -76.70 N | 73.42 2.72 -40.01 N | 55.81 2.58 -24.81 N | 49.37 3.55 -7.37 N | 49.13 3.93 0.00 N | 74.40 5.51 0.00 N | 295.44 19.09 0.00 N | 219.20 14.31 0.00 N | 58.77 3.91 0.00 N | 57.53 2.95 -17.98 N | 62.58 2.68 -26.78 N | 55.48 3.78 -1.79 N |

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| IP CORINTH____1 23988 | 109.99 4.79 -43.73 N | 116.68 2.12 -86.76 N | 165.12 0.84 -152.94 N | 121.43 1.99 -92.25 N | 128.26 1.40 -108.29 N | 82.93 2.33 -50.66 N | 141.55 2.87 -102.62 N | 70.38 3.59 -22.81 N | 130.70 1.58 -109.38 N | 137.95 1.88 -113.33 N | 283.63 0.27 -280.20 N | 142.81 1.70 -118.43 N | 128.29 1.59 -101.53 N | 85.23 1.57 -52.96 N | 62.66 1.39 -32.83 N | 50.06 1.86 -9.75 N | 47.60 2.40 0.00 N | 72.44 3.55 0.00 N | 290.59 14.25 0.00 N | 218.16 13.27 0.00 N | 58.60 3.75 0.00 N | 63.55 3.10 -23.85 N | 71.62 2.99 -35.51 N | 56.16 3.89 -2.37 N |
| IP____TICONDEROGA 23804 | 112.26 8.53 -42.26 N | 115.21 3.56 -83.86 N | 160.59 1.43 -147.81 N | 119.71 3.36 -89.16 N | 125.58 2.35 -104.66 N | 82.96 4.06 -48.96 N | 140.02 4.78 -99.18 N | 72.08 6.06 -22.04 N | 128.13 2.70 -105.69 N | 135.45 3.20 -109.51 N | 274.39 0.49 -270.75 N | 140.44 3.30 -114.45 N | 126.93 3.63 -98.12 N | 86.27 4.39 -51.19 N | 64.16 3.99 -31.74 N | 53.30 5.43 -9.43 N | 51.74 6.54 0.00 N | 78.15 9.26 0.00 N | 313.54 37.19 0.00 N | 233.45 28.56 0.00 N | 62.50 7.64 0.00 N | 65.10 5.45 -23.05 N | 72.31 4.88 -34.31 N | 59.16 6.97 -2.29 N |
| ISLIP_RES_REC 323679 | 149.18 8.40 -79.32 N | 221.31 3.90 -189.61 N | 190.87 1.44 -178.09 N | 138.98 3.40 -108.39 N | 108.92 2.38 -87.97 N | 93.07 4.26 -58.86 N | 185.01 5.18 -143.78 N | 490.87 5.94 -440.95 N | 282.42 2.78 -259.90 N | 240.23 3.53 -213.96 N | 331.16 0.47 -327.53 N | 115.65 3.01 -89.96 N | 105.75 3.38 -77.19 N | 85.80 4.78 -50.32 N | 165.32 4.45 -132.44 N | 66.14 6.24 -21.45 N | 51.90 6.70 0.00 N | 78.30 9.41 0.00 N | 310.26 33.91 0.00 N | 230.88 26.00 0.00 N | 77.16 6.69 -15.61 N | 72.92 5.11 -31.22 N | 120.70 4.75 -82.83 N | 151.79 6.86 -95.02 N |
| JARVIS____ 23743 | 61.02 0.41 0.86 N | 26.30 0.19 1.70 N | 8.42 0.08 3.00 N | 25.55 0.16 1.81 N | 16.56 0.11 2.12 N | 29.16 0.21 1.00 N | 34.29 0.24 2.01 N | 43.76 0.22 0.45 N | 17.74 0.11 2.12 N | 20.67 0.12 2.20 N | -2.24 0.03 5.43 N | 20.55 0.16 2.30 N | 23.40 0.19 1.97 N | 29.89 0.24 1.03 N | 28.01 0.23 0.64 N | 38.53 0.27 0.19 N | 45.48 0.28 0.00 N | 69.29 0.40 0.00 N | 277.67 1.32 0.00 N | 206.13 1.24 0.00 N | 55.14 0.28 0.00 N | 36.42 0.29 0.47 N | 32.66 0.23 0.69 N | 50.16 0.31 0.05 N |
| JENNISON____1 23625 | 76.25 3.45 -11.33 N | 52.02 1.73 -22.49 N | 51.68 0.70 -39.64 N | 52.65 1.55 -23.91 N | 47.78 1.14 -28.07 N | 45.00 1.92 -13.13 N | 65.03 2.37 -26.60 N | 52.08 2.64 -5.46 N | 49.38 1.21 -28.42 N | 53.62 1.43 -29.44 N | 76.23 0.28 -72.79 N | 55.05 1.58 -30.78 N | 53.33 1.76 -26.40 N | 46.54 2.12 -13.72 N | 38.85 1.91 -8.51 N | 43.56 2.59 -2.53 N | 48.02 2.82 0.00 N | 73.38 4.49 0.00 N | 295.50 19.16 0.00 N | 219.93 15.04 0.00 N | 58.59 3.74 0.00 N | 45.26 2.49 -6.17 N | 44.42 2.11 -9.19 N | 53.47 2.95 -0.61 N |
| JENNISON____2 23626 | 76.13 3.33 -11.33 N | 51.97 1.68 -22.49 N | 51.66 0.68 -39.64 N | 52.59 1.49 -23.91 N | 47.74 1.10 -28.07 N | 44.94 1.86 -13.13 N | 64.95 2.29 -26.60 N | 51.98 2.54 -5.46 N | 49.33 1.16 -28.42 N | 53.56 1.37 -29.44 N | 76.22 0.27 -72.79 N | 55.00 1.53 -30.78 N | 53.27 1.69 -26.40 N | 46.47 2.06 -13.72 N | 38.79 1.85 -8.51 N | 43.47 2.50 -2.53 N | 47.91 2.72 0.00 N | 73.20 4.31 0.00 N | 294.69 18.34 0.00 N | 219.34 14.46 0.00 N | 58.46 3.61 0.00 N | 45.19 2.42 -6.17 N | 44.35 2.04 -9.19 N | 53.36 2.85 -0.61 N |
| KEDC PORT_JEFF_GT2 24210 | 148.07 7.29 -79.32 N | 220.81 3.40 -189.61 N | 190.67 1.24 -178.09 N | 138.51 2.93 -108.39 N | 108.58 2.05 -87.97 N | 92.50 3.69 -58.86 N | 184.28 4.45 -143.78 N | 490.13 5.20 -440.95 N | 282.00 2.36 -259.90 N | 239.69 2.99 -213.96 N | 331.07 0.39 -327.53 N | 115.12 2.47 -89.96 N | 105.13 2.77 -77.19 N | 85.07 4.05 -50.32 N | 164.64 3.78 -132.44 N | 65.02 5.12 -21.45 N | 50.64 5.45 0.00 N | 76.23 7.34 0.00 N | 301.90 25.55 0.00 N | 225.05 20.16 0.00 N | 75.68 5.22 -15.61 N | 72.13 4.31 -31.22 N | 120.03 4.08 -82.83 N | 150.89 5.96 -95.02 N |
| KEDC PORT_JEFF_GT3 24211 | 148.07 7.29 -79.32 N | 220.81 3.40 -189.61 N | 190.67 1.24 -178.09 N | 138.51 2.93 -108.39 N | 108.58 2.05 -87.97 N | 92.50 3.69 -58.86 N | 184.28 4.45 -143.78 N | 490.13 5.20 -440.95 N | 282.00 2.36 -259.90 N | 239.69 2.99 -213.96 N | 331.07 0.39 -327.53 N | 115.12 2.47 -89.96 N | 105.13 2.77 -77.19 N | 85.07 4.05 -50.32 N | 164.64 3.78 -132.44 N | 65.02 5.12 -21.45 N | 50.64 5.45 0.00 N | 76.23 7.34 0.00 N | 301.90 25.55 0.00 N | 225.05 20.16 0.00 N | 75.68 5.22 -15.61 N | 72.13 4.31 -31.22 N | 120.03 4.08 -82.83 N | 150.89 5.96 -95.02 N |
| KEDC_GLWD_GT4 24219 | 146.75 5.96 -79.32 N | 220.17 2.76 -189.61 N | 190.45 1.01 -178.09 N | 137.98 2.39 -108.39 N | 108.17 1.63 -87.97 N | 91.67 2.86 -58.86 N | 183.36 3.52 -143.78 N | 489.28 4.36 -440.95 N | 281.66 2.02 -259.90 N | 239.11 2.41 -213.96 N | 331.04 0.36 -327.53 N | 114.98 2.34 -89.96 N | 105.00 2.63 -77.19 N | 84.51 3.50 -50.32 N | 164.15 3.29 -132.44 N | 64.30 4.40 -21.45 N | 50.01 4.82 0.00 N | 75.71 6.82 0.00 N | 300.45 24.10 0.00 N | 223.19 18.30 0.00 N | 75.36 4.90 -15.61 N | 71.61 3.80 -31.22 N | 119.41 3.47 -82.83 N | 149.82 4.89 -95.02 N |
| KEDC_GLWD_GT5 24220 | 146.75 5.96 -79.32 N | 220.17 2.76 -189.61 N | 190.45 1.01 -178.09 N | 137.98 2.39 -108.39 N | 108.17 1.63 -87.97 N | 91.67 2.86 -58.86 N | 183.36 3.52 -143.78 N | 489.28 4.36 -440.95 N | 281.66 2.02 -259.90 N | 239.11 2.41 -213.96 N | 331.04 0.36 -327.53 N | 114.98 2.34 -89.96 N | 105.00 2.63 -77.19 N | 84.51 3.50 -50.32 N | 164.15 3.29 -132.44 N | 64.30 4.40 -21.45 N | 50.01 4.82 0.00 N | 75.71 6.82 0.00 N | 300.45 24.10 0.00 N | 223.19 18.30 0.00 N | 75.36 4.90 -15.61 N | 71.61 3.80 -31.22 N | 119.41 3.47 -82.83 N | 149.82 4.89 -95.02 N |
| KENSICO____ 23655 | 99.84 5.17 -33.21 N | 96.08 2.39 -65.88 N | 128.38 0.90 -116.14 N | 99.37 2.12 -70.05 N | 102.22 1.42 -82.23 N | 70.89 2.48 -38.47 N | 117.04 3.05 -77.93 N | 65.02 3.79 -17.25 N | 104.42 1.76 -82.92 N | 110.74 2.08 -85.91 N | 215.88 0.31 -212.42 N | 114.64 2.09 -89.85 N | 104.63 2.35 -77.10 N | 73.93 3.02 -40.22 N | 56.22 2.86 -24.93 N | 49.80 3.94 -7.41 N | 49.56 4.36 0.00 N | 75.04 6.15 0.00 N | 297.93 21.58 0.00 N | 221.06 16.17 0.00 N | 59.27 4.41 0.00 N | 57.95 3.28 -18.08 N | 63.02 2.98 -26.93 N | 55.92 4.21 -1.80 N |
| KIAC_JFK_GT1 23816 | 100.39 5.69 -33.24 N | 96.33 2.57 -65.95 N | 128.53 0.92 -116.26 N | 99.50 2.18 -70.13 N | 102.33 1.44 -82.32 N | 71.03 2.58 -38.51 N | 117.27 3.20 -78.01 N | 65.25 4.00 -17.27 N | 104.56 1.81 -83.01 N | 110.87 2.12 -86.00 N | 216.09 0.30 -212.64 N | 114.67 2.03 -89.95 N | 104.64 2.28 -77.18 N | 73.91 2.95 -40.26 N | 56.26 2.87 -24.96 N | 49.76 3.89 -7.42 N | 49.46 4.27 0.00 N | 75.00 6.11 0.00 N | 296.66 20.31 0.00 N | 219.60 14.71 0.00 N | 58.94 4.08 -18.10 N | 57.79 3.10 -26.95 N | 63.05 2.98 -4.32 N | 56.03 4.32 -1.80 N |
| KIAC_JFK_GT2 23817 | 100.39 5.69 -33.24 N | 96.33 2.57 -65.95 N | 128.53 0.92 -116.26 N | 99.50 2.18 -70.13 N | 102.33 1.44 -82.32 N | 71.03 2.58 -38.51 N | 117.27 3.20 -78.01 N | 65.25 4.00 -17.27 N | 104.56 1.81 -83.01 N | 110.87 2.12 -86.00 N | 216.09 0.30 -212.64 N | 114.67 2.03 -89.95 N | 104.64 2.28 -77.18 N | 73.91 2.95 -40.26 N | 56.26 2.87 -24.96 N | 49.76 3.89 -7.42 N | 49.46 4.27 0.00 N | 75.00 6.11 0.00 N | 296.66 20.31 0.00 N | 219.60 14.71 0.00 N | 58.94 4.08 -18.10 N | 57.79 3.10 -26.95 N | 63.05 2.98 -4.32 N | 56.03 4.32 -1.80 N |
| KINTIGH____ 23543 | 60.85 -5.08 -4.47 N | 34.63 -2.03 -8.86 N | 26.11 -0.85 -15.62 N | 34.45 -2.17 -9.42 N | 28.34 -1.30 -11.06 N | 32.71 -2.41 -5.18 N | 42.48 -4.06 -10.48 N | 33.47 -6.02 4.49 N | 28.45 -2.45 -11.16 N | 31.68 -2.64 -11.57 N | 31.50 -0.26 -28.61 N | 32.82 -1.96 -12.10 N | 33.59 -1.96 -10.38 N | 33.54 -2.56 -5.42 N | 29.44 -2.35 -3.36 N | 36.07 -3.38 -1.00 N | 40.44 -4.76 0.00 N | 60.67 -8.21 0.00 N | 246.07 -30.28 0.00 N | 183.66 -21.23 0.00 N | 48.88 -5.98 0.00 N | 35.28 -3.75 -2.44 N | 33.33 -3.42 -3.63 N | 44.78 -5.37 -0.24 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| LEDERLE____ 23769 | 99.69 5.99 -32.24 N | 94.51 2.75 -63.96 N | 125.15 1.05 -112.75 N | 97.68 2.48 -68.01 N | 100.08 1.68 -79.83 N | 70.19 2.90 -37.34 N | 115.26 3.54 -75.66 N | 65.06 4.34 -16.74 N | 102.24 2.00 -80.50 N | 108.53 2.39 -83.40 N | 209.71 0.35 -206.21 N | 112.36 2.44 -87.23 N | 102.77 2.74 -74.85 N | 73.21 3.48 -39.05 N | 55.92 3.28 -24.21 N | 50.15 4.51 -7.19 N | 50.23 5.04 0.00 N | 76.11 7.22 0.00 N | 302.40 26.05 0.00 N | 224.44 19.55 0.00 N | 60.15 5.29 0.00 N | 58.02 3.87 -17.55 N | 62.74 3.48 -26.14 N | 56.59 4.94 -1.75 N | |
| LINDEN COGEN____ 23786 | 99.75 5.05 -33.24 N | 96.12 2.37 -65.95 N | 128.48 0.88 -116.26 N | 99.42 2.10 -70.13 N | 102.29 1.41 -82.32 N | 70.92 2.46 -38.51 N | 117.20 3.14 -78.01 N | 65.17 3.92 -17.27 N | 104.58 1.83 -83.01 N | 110.93 2.18 -86.00 N | 216.11 0.32 -212.64 N | 114.80 2.16 -89.95 N | 104.77 2.41 -77.18 N | 74.05 3.10 -40.26 N | 56.37 2.98 -24.96 N | 50.01 4.15 -7.42 N | 49.74 4.54 0.00 N | 75.24 6.35 0.00 N | 297.99 21.64 0.00 N | 220.83 15.94 0.00 N | 59.27 4.42 0.00 N | 57.97 3.27 -18.10 N | 63.03 2.96 -26.95 N | 55.88 4.18 -1.80 N | |
| LIPA_MISC_IPP 23656 | 147.37 6.59 -79.32 N | 220.49 3.08 -189.61 N | 190.55 1.12 -178.09 N | 138.22 2.64 -108.39 N | 108.38 1.85 -87.97 N | 92.17 3.36 -58.86 N | 183.82 3.99 -143.78 N | 489.65 4.72 -440.95 N | 281.66 2.02 -259.90 N | 239.35 2.64 -213.96 N | 331.02 0.34 -327.53 N | 114.66 2.01 -89.96 N | 104.62 2.26 -77.19 N | 84.55 3.54 -50.32 N | 164.20 3.34 -132.44 N | 64.77 4.87 -21.45 N | 50.28 5.08 0.00 N | 75.32 6.43 0.00 N | 297.66 21.32 0.00 N | 222.13 17.25 0.00 N | 74.85 4.39 -15.61 N | 71.40 3.58 -31.22 N | 119.46 3.51 -82.83 N | 150.23 5.30 -95.02 N | |
| LISF____SOLAR 323691 | 147.56 6.78 -79.32 N | 220.58 3.16 -189.61 N | 190.58 1.15 -178.09 N | 138.31 2.72 -108.39 N | 108.45 1.91 -87.97 N | 92.28 3.48 -58.86 N | 183.97 4.14 -143.78 N | 489.83 4.90 -440.95 N | 281.71 2.06 -259.90 N | 239.40 2.69 -213.96 N | 331.03 0.34 -327.53 N | 114.67 2.03 -89.96 N | 104.67 2.30 -77.19 N | 84.62 3.61 -50.32 N | 164.27 3.40 -132.44 N | 64.89 4.99 -21.45 N | 50.42 5.22 0.00 N | 75.52 6.63 0.00 N | 298.69 22.35 0.00 N | 223.03 18.15 0.00 N | 75.06 4.60 -15.61 N | 71.52 3.71 -31.22 N | 119.57 3.63 -82.83 N | 150.41 5.48 -95.02 N | |
| LITTLE FALLS____HYD 24013 | 65.45 4.85 0.86 N | 28.42 2.32 1.70 N | 9.23 0.89 3.00 N | 27.40 2.01 1.81 N | 17.73 1.29 2.12 N | 31.07 2.11 1.00 N | 36.63 2.59 2.01 N | 46.52 2.98 0.45 N | 18.91 1.29 2.12 N | 22.05 1.50 2.20 N | -2.04 0.23 5.43 N | 21.95 1.56 2.30 N | 24.94 1.74 1.97 N | 31.69 2.04 1.03 N | 29.55 1.76 0.64 N | 40.71 2.46 0.19 N | 48.09 2.89 0.00 N | 73.05 4.16 0.00 N | 291.49 15.14 0.00 N | 217.74 12.85 0.00 N | 58.23 3.38 0.00 N | 38.47 2.35 0.47 N | 34.48 2.06 0.69 N | 53.19 3.33 0.05 N | |
| LI_NEWBRDGE____DRP 323616 | 146.53 5.75 -79.32 N | 220.12 2.71 -189.61 N | 190.39 0.96 -178.09 N | 137.87 2.29 -108.39 N | 108.12 1.58 -87.97 N | 91.61 2.80 -58.86 N | 183.23 3.40 -143.78 N | 489.08 4.15 -440.95 N | 281.56 1.91 -259.90 N | 238.98 2.28 -213.96 N | 331.02 0.34 -327.53 N | 114.73 2.09 -89.96 N | 104.71 2.34 -77.19 N | 84.28 3.27 -50.32 N | 163.93 3.06 -132.44 N | 64.18 4.28 -21.45 N | 49.79 4.59 0.00 N | 75.25 6.36 0.00 N | 298.28 21.93 0.00 N | 221.91 17.02 0.00 N | 74.92 4.46 -15.61 N | 71.30 3.49 -31.22 N | 119.23 3.29 -82.83 N | 149.62 4.69 -95.02 N | |
| LONG_LAKE_PHOENIX 24014 | 62.44 -1.54 -2.51 N | 32.18 -0.60 -4.99 N | 19.88 -0.25 -8.79 N | 31.83 -0.67 -5.30 N | 24.41 -0.39 -6.22 N | 32.28 -0.58 -2.91 N | 41.20 -0.76 -5.90 N | 44.27 -1.02 -1.31 N | 25.50 -0.42 -6.18 N | 28.70 -0.45 -6.40 N | 18.92 -0.06 -15.82 N | 29.08 -0.30 -6.69 N | 30.60 -0.31 -5.74 N | 33.29 -0.44 -3.04 N | 29.88 -0.69 -1.89 N | 38.32 -0.56 -0.56 N | 44.21 -0.98 0.00 N | 67.30 -1.59 0.00 N | 270.67 -5.68 0.00 N | 201.07 -3.82 0.00 N | 53.62 -1.24 0.00 N | 37.19 -0.78 -1.37 N | 34.34 -0.81 -2.04 N | 48.56 -1.48 -0.14 N | |
| LOVETT____3 23632 | 96.81 3.00 -32.35 N | 93.39 1.41 -64.18 N | 124.99 0.52 -113.13 N | 96.64 1.20 -68.24 N | 99.47 0.79 -80.10 N | 68.87 1.46 -37.47 N | 113.76 1.79 -75.91 N | 62.97 2.19 -16.80 N | 101.52 1.01 -80.77 N | 107.63 1.20 -83.68 N | 210.24 0.18 -206.91 N | 111.41 1.19 -87.53 N | 101.63 1.35 -75.11 N | 71.67 1.80 -39.18 N | 54.46 1.74 -24.29 N | 48.11 2.45 -7.22 N | 47.84 2.64 0.00 N | 72.39 3.50 0.00 N | 286.92 10.58 0.00 N | 212.75 7.86 0.00 N | 57.11 2.25 0.00 N | 56.08 1.88 -17.61 N | 61.08 1.73 -26.23 N | 54.08 2.42 -1.75 N | |
| LOVETT____4 23642 | 98.43 4.58 -32.39 N | 94.17 2.12 -64.26 N | 125.41 0.80 -113.27 N | 97.40 1.88 -68.32 N | 100.03 1.26 -80.20 N | 69.68 2.22 -37.52 N | 114.77 2.71 -76.00 N | 64.13 3.32 -16.82 N | 102.14 1.53 -80.87 N | 108.36 1.82 -83.79 N | 210.59 0.27 -207.16 N | 112.17 1.85 -87.63 N | 102.45 2.08 -75.20 N | 72.59 2.67 -39.23 N | 55.29 2.54 -24.32 N | 49.21 3.54 -7.23 N | 49.10 3.90 0.00 N | 74.34 5.45 0.00 N | 295.04 18.69 0.00 N | 218.89 14.00 0.00 N | 58.70 3.84 0.00 N | 57.15 2.92 -17.63 N | 62.03 2.65 -26.26 N | 55.40 3.74 -1.76 N | |
| LOVETT____5 23593 | 98.43 4.58 -32.39 N | 94.17 2.12 -64.26 N | 125.41 0.80 -113.27 N | 97.40 1.88 -68.32 N | 100.03 1.26 -80.20 N | 69.68 2.22 -37.52 N | 114.77 2.71 -76.00 N | 64.13 3.32 -16.82 N | 102.14 1.53 -80.87 N | 108.36 1.82 -83.79 N | 210.59 0.27 -207.16 N | 112.17 1.85 -87.63 N | 102.45 2.08 -75.20 N | 72.59 2.67 -39.23 N | 55.29 2.54 -24.32 N | 49.21 3.54 -7.23 N | 49.10 3.90 0.00 N | 74.34 5.45 0.00 N | 295.04 18.69 0.00 N | 218.89 14.00 0.00 N | 58.70 3.84 0.00 N | 57.15 2.92 -17.63 N | 62.03 2.65 -26.26 N | 55.40 3.74 -1.76 N | |
| LOWER RAQUET____HYD 24057 | 60.10 -1.36 0.00 N | 27.38 -0.42 0.00 N | 11.15 -0.19 0.00 N | 26.97 -0.22 0.00 N | 18.35 -0.22 0.00 N | 29.03 -0.91 0.00 N | 35.31 -0.75 0.00 N | 42.91 -1.07 0.00 N | 19.29 -0.45 0.00 N | 22.21 -0.54 0.00 N | 3.06 -0.09 0.00 N | 22.03 -0.66 0.00 N | 24.46 -0.72 0.00 N | 29.82 -0.87 0.00 N | 27.57 -0.86 0.00 N | 37.24 -1.21 0.00 N | 43.80 -1.40 0.00 N | 67.23 -1.66 0.00 N | 271.31 -5.04 0.00 N | 197.33 -7.55 0.00 N | 53.18 -1.68 0.00 N | 35.75 -0.84 0.00 N | 32.70 -0.41 0.00 N | 50.10 0.20 0.00 N | |
| LOWER____HUDSON 24059 | 110.08 5.67 -42.94 N | 115.52 2.52 -85.20 N | 162.55 1.02 -150.19 N | 120.15 2.37 -90.59 N | 126.56 1.65 -106.34 N | 82.44 2.75 -49.75 N | 140.06 3.23 -100.77 N | 70.39 4.01 -22.40 N | 128.95 1.78 -107.42 N | 136.11 2.07 -111.30 N | 278.65 0.32 -275.18 N | 141.13 2.14 -116.30 N | 127.22 2.35 -99.70 N | 85.43 2.73 -52.01 N | 63.14 2.47 -32.25 N | 51.33 3.30 -9.58 N | 49.00 3.80 0.00 N | 74.38 5.50 0.00 N | 297.39 21.05 0.00 N | 221.44 16.55 0.00 N | 59.29 4.43 0.00 N | 63.29 3.27 -23.42 N | 70.96 2.98 -34.87 N | 56.53 4.30 -2.33 N | |
| LWR____OSWEGATCHIE_HYD 23850 | 60.80 -0.66 0.00 N | 27.63 -0.17 0.00 N | 11.26 -0.08 0.00 N | 27.12 -0.07 0.00 N | 18.50 -0.06 0.00 N | 29.55 -0.40 0.00 N | 35.74 -0.32 0.00 N | 43.53 -0.45 0.00 N | 19.57 -0.18 0.00 N | 22.56 -0.19 0.00 N | 3.12 -0.03 0.00 N | 22.45 -0.24 0.00 N | 24.92 -0.26 0.00 N | 30.33 -0.36 0.00 N | 28.04 -0.39 0.00 N | 37.87 -0.58 0.00 N | 44.48 -0.72 0.00 N | 68.29 -0.60 0.00 N | 275.62 -0.72 0.00 N | 201.84 -3.05 0.00 N | 54.13 -0.73 0.00 N | 36.27 -0.32 0.00 N | 33.08 -0.04 0.00 N | 50.22 0.31 0.00 N | |
| LYONS_FALL_HYD | 62.12 | 28.14 | 11.47 | 27.51 | 18.82 | 30.35 | 36.70 | 44.74 | 20.09 | 23.17 | 3.21 | 23.15 | 25.69 | 31.28 | 28.94 | 39.10 | 45.91 | 70.24 | 282.72 | 209.07 | 55.85 | 37.28 | 33.69 | 50.70 | |

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| 23570 | 0.65 0.00 N | 0.34 0.00 N | 0.13 0.00 N | 0.32 0.00 N | 0.25 0.00 N | 0.41 0.00 N | 0.64 0.00 N | 0.76 0.00 N | 0.35 0.00 N | 0.42 0.00 N | 0.06 0.00 N | 0.47 0.00 N | 0.52 0.00 N | 0.59 0.00 N | 0.51 0.00 N | 0.66 0.00 N | 0.71 0.00 N | 1.36 0.00 N | 6.37 0.00 N | 4.19 0.00 N | 1.00 0.00 N | 0.68 0.00 N | 0.57 0.00 N | 0.79 0.00 N |
| MADISON___COUNTY_LFGE 323628 | 63.31 0.87 -0.97 N | 30.18 0.45 -1.93 N | 14.93 0.18 -3.41 N | 29.62 0.38 -2.06 N | 21.28 0.30 -2.41 N | 31.62 0.55 -1.13 N | 39.04 0.69 -2.29 N | 45.22 0.72 -0.52 N | 22.63 0.36 -2.53 N | 25.80 0.43 -2.62 N | 9.69 0.06 -6.48 N | 25.99 0.57 -2.74 N | 28.17 0.65 -2.34 N | 32.61 0.74 -1.18 N | 29.84 0.67 -0.73 N | 39.58 0.92 -0.22 N | 46.14 0.95 0.00 N | 70.38 1.49 0.00 N | 283.09 6.75 0.00 N | 210.04 5.15 0.00 N | 56.06 1.20 0.00 N | 37.95 0.82 -0.53 N | 34.57 0.66 -0.79 N | 50.75 0.79 -0.05 N |
| MAPLE_RIDGE_WT_1 323574 | 57.90 -0.97 2.60 N | 22.03 -0.61 5.16 N | 1.99 -0.25 9.10 N | 21.13 -0.58 5.49 N | 11.68 -0.45 6.44 N | 26.42 -0.52 3.01 N | 29.50 -0.46 6.10 N | 41.77 -0.85 1.36 N | 12.74 -0.53 6.47 N | 15.17 -0.87 6.71 N | -13.57 -0.14 16.58 N | 14.77 -0.89 7.02 N | 18.49 -0.77 5.91 N | 27.32 -0.81 2.56 N | 26.30 -0.70 1.43 N | 37.14 -0.89 0.42 N | 44.29 -0.91 0.00 N | 67.68 -1.21 0.00 N | 272.74 -3.61 0.00 N | 201.68 -3.21 0.00 N | 53.80 -1.06 0.00 N | 34.89 -0.67 1.03 N | 31.17 -0.41 1.54 N | 49.51 -0.29 0.10 N |
| MAPLE_RIDGE_WT_2 323611 | 57.90 -0.97 2.60 N | 22.03 -0.61 5.16 N | 1.99 -0.25 9.10 N | 21.13 -0.58 5.49 N | 11.68 -0.45 6.44 N | 26.42 -0.52 3.01 N | 29.50 -0.46 6.10 N | 41.77 -0.85 1.36 N | 12.74 -0.53 6.47 N | 15.17 -0.87 6.71 N | -13.57 -0.14 16.58 N | 14.77 -0.89 7.02 N | 18.49 -0.77 5.91 N | 27.32 -0.81 2.56 N | 26.30 -0.70 1.43 N | 37.14 -0.89 0.42 N | 44.29 -0.91 0.00 N | 67.68 -1.21 0.00 N | 272.74 -3.61 0.00 N | 201.68 -3.21 0.00 N | 53.80 -1.06 0.00 N | 34.89 -0.67 1.03 N | 31.17 -0.41 1.54 N | 49.51 -0.29 0.10 N |
| MARBLE_RIVER_WT_PWR 323696 | 60.54 -0.92 0.00 N | 27.36 -0.44 0.00 N | 11.13 -0.22 0.00 N | 26.60 -0.59 0.00 N | 18.02 -0.55 0.00 N | 28.91 -1.04 0.00 N | 31.42 -1.33 3.31 N | -28.00 -1.52 70.46 N | -28.00 -0.70 47.05 N | -28.00 -0.82 49.93 N | -82.47 -0.17 85.46 N | -90.94 -1.02 112.61 N | -90.10 -1.13 114.15 N | -92.60 -1.37 121.93 N | -90.92 -1.28 118.08 N | -90.92 -1.71 127.66 N | -85.87 -1.73 129.34 N | 42.77 -2.93 23.19 N | 265.92 -10.43 0.00 N | 198.27 -6.62 0.00 N | 53.92 -0.94 0.00 N | 35.92 -0.67 0.00 N | 32.67 -0.45 0.00 N | 49.55 -0.35 0.00 N |
| MG INDUSTRY___DRP 24185 | 106.28 3.13 -41.68 N | 112.14 1.64 -82.70 N | 157.80 0.68 -145.78 N | 116.70 1.57 -87.93 N | 122.86 1.07 -103.22 N | 79.90 1.67 -48.28 N | 135.77 1.90 -97.82 N | 68.00 2.28 -21.74 N | 125.14 1.04 -104.35 N | 132.07 1.21 -108.12 N | 270.68 0.20 -267.32 N | 136.91 1.28 -112.94 N | 123.37 1.42 -96.77 N | 82.87 1.69 -50.48 N | 61.20 1.47 -31.30 N | 49.53 1.78 -9.30 N | 46.95 1.75 0.00 N | 71.25 2.36 0.00 N | 284.14 7.79 0.00 N | 211.38 6.49 0.00 N | 56.66 1.80 0.00 N | 60.80 1.45 -22.76 N | 68.32 1.34 -33.87 N | 54.33 2.16 -2.26 N |
| MID___OSWEGATCHIE_HYD 23849 | 60.80 -0.66 0.00 N | 27.63 -0.17 0.00 N | 11.26 -0.08 0.00 N | 27.12 -0.07 0.00 N | 18.50 -0.06 0.00 N | 29.55 -0.40 0.00 N | 35.74 -0.32 0.00 N | 43.53 -0.45 0.00 N | 19.57 -0.18 0.00 N | 22.56 -0.19 0.00 N | 3.12 -0.03 0.00 N | 22.45 -0.24 0.00 N | 24.92 -0.26 0.00 N | 30.33 -0.36 0.00 N | 28.04 -0.39 0.00 N | 37.87 -0.58 0.00 N | 44.48 -0.72 0.00 N | 68.29 -0.60 0.00 N | 275.62 -0.72 0.00 N | 201.84 -3.05 0.00 N | 54.13 -0.73 0.00 N | 36.27 -0.32 0.00 N | 33.08 -0.04 0.00 N | 50.22 0.31 0.00 N |
| MID___RAQUETTE_HYD 23851 | 60.10 -1.36 0.00 N | 27.38 -0.42 0.00 N | 11.15 -0.19 0.00 N | 26.97 -0.22 0.00 N | 18.35 -0.22 0.00 N | 29.03 -0.91 0.00 N | 35.31 -0.75 0.00 N | 42.91 -1.07 0.00 N | 19.29 -0.45 0.00 N | 22.21 -0.54 0.00 N | 3.06 -0.09 0.00 N | 22.03 -0.66 0.00 N | 24.46 -0.72 0.00 N | 29.82 -0.87 0.00 N | 27.57 -0.86 0.00 N | 37.24 -1.21 0.00 N | 43.80 -1.40 0.00 N | 67.23 -1.66 0.00 N | 271.31 -5.04 0.00 N | 197.33 -7.55 0.00 N | 53.18 -1.68 0.00 N | 35.75 -0.84 0.00 N | 32.70 -0.41 0.00 N | 50.10 0.20 0.00 N |
| MILLIKEN___1 23584 | 64.30 -3.11 -5.95 N | 38.40 -1.21 -11.80 N | 31.83 -0.31 -20.80 N | 38.47 -1.27 -12.55 N | 32.64 -0.66 -14.73 N | 35.99 -0.85 -6.89 N | 48.72 -1.29 -13.96 N | 44.98 -1.97 -2.97 N | 34.14 -0.71 -15.10 N | 37.48 -0.85 -15.59 N | 41.62 -0.07 -38.54 N | 38.24 -0.74 -16.30 N | 38.32 -0.83 -13.97 N | 36.82 -1.05 -7.17 N | 32.24 -0.64 -4.45 N | 38.58 -1.19 -1.32 N | 43.33 -1.87 0.00 N | 66.02 -2.87 0.00 N | 265.77 -10.57 0.00 N | 197.53 -7.36 0.00 N | 52.66 -2.20 0.00 N | 38.43 -1.39 -3.23 N | 36.46 -1.46 -4.81 N | 47.73 -2.50 -0.32 N |
| MILLIKEN___2 23585 | 64.30 -3.11 -5.95 N | 38.40 -1.21 -11.80 N | 31.83 -0.31 -20.80 N | 38.47 -1.27 -12.55 N | 32.64 -0.66 -14.73 N | 35.99 -0.85 -6.89 N | 48.72 -1.29 -13.96 N | 44.98 -1.97 -2.97 N | 34.14 -0.71 -15.10 N | 37.48 -0.85 -15.59 N | 41.62 -0.07 -38.54 N | 38.24 -0.74 -16.30 N | 38.32 -0.83 -13.97 N | 36.82 -1.05 -7.17 N | 32.24 -0.64 -4.45 N | 38.58 -1.19 -1.32 N | 43.33 -1.87 0.00 N | 66.02 -2.87 0.00 N | 265.77 -10.57 0.00 N | 197.53 -7.36 0.00 N | 52.66 -2.20 0.00 N | 38.43 -1.39 -3.23 N | 36.46 -1.46 -4.81 N | 47.73 -2.50 -0.32 N |
| MILLIKEN___DIESEL 23629 | 64.30 -3.11 -5.95 N | 38.40 -1.21 -11.80 N | 31.83 -0.31 -20.80 N | 38.47 -1.27 -12.55 N | 32.64 -0.66 -14.73 N | 35.99 -0.85 -6.89 N | 48.72 -1.29 -13.96 N | 44.98 -1.97 -2.97 N | 34.14 -0.71 -15.10 N | 37.48 -0.85 -15.59 N | 41.62 -0.07 -38.54 N | 38.24 -0.74 -16.30 N | 38.32 -0.83 -13.97 N | 36.82 -1.05 -7.17 N | 32.24 -0.64 -4.45 N | 38.58 -1.19 -1.32 N | 43.33 -1.87 0.00 N | 66.02 -2.87 0.00 N | 265.77 -10.57 0.00 N | 197.53 -7.36 0.00 N | 52.66 -2.20 0.00 N | 38.43 -1.39 -3.23 N | 36.46 -1.46 -4.81 N | 47.73 -2.50 -0.32 N |
| MILLSEAT___LFGE 323607 | 63.09 -3.19 -4.82 N | 36.25 -1.10 -9.56 N | 27.63 -0.56 -16.85 N | 35.90 -1.46 -10.16 N | 29.72 -0.78 -11.93 N | 33.75 -1.78 -5.58 N | 43.82 -3.54 -11.30 N | 42.37 -5.41 -3.80 N | 29.57 -2.19 -12.02 N | 32.90 -2.31 -12.46 N | 33.81 -0.15 -30.81 N | 34.38 -1.34 -13.03 N | 35.16 -1.19 -11.17 N | 34.81 -1.72 -5.83 N | 30.28 -1.77 -3.62 N | 37.02 -2.51 -1.07 N | 41.43 -3.77 0.00 N | 61.85 -7.04 0.00 N | 252.09 -24.26 0.00 N | 188.43 -16.46 0.00 N | 50.06 -4.80 0.00 N | 36.31 -2.91 -2.63 N | 34.38 -2.64 -3.91 N | 46.08 -4.08 -0.26 N |
| MODEL_CITY_ENERGY 24167 | 61.82 -4.70 -5.05 N | 36.10 -1.72 -10.03 N | 28.20 -0.81 -17.67 N | 35.76 -2.10 -10.66 N | 29.88 -1.21 -12.51 N | 33.22 -2.58 -5.85 N | 43.12 -4.80 -11.86 N | 32.97 -7.13 3.88 N | 29.38 -2.96 -12.60 N | 32.62 -3.19 -13.06 N | 35.18 -0.28 -32.30 N | 34.25 -2.09 -13.66 N | 34.91 -1.97 -11.72 N | 34.10 -2.71 -6.11 N | 29.53 -2.69 -3.79 N | 35.82 -3.76 -1.13 N | 39.93 -5.27 0.00 N | 59.19 -9.70 0.00 N | 241.39 -34.96 0.00 N | 180.58 -24.31 0.00 N | 48.02 -6.84 0.00 N | 35.20 -4.16 -2.76 N | 33.53 -3.69 -4.10 N | 44.60 -5.58 -0.27 N |
| MODERN_LFGE___ 323580 | 61.82 -4.70 -5.05 N | 36.10 -1.72 -10.03 N | 28.20 -0.81 -17.67 N | 35.76 -2.10 -10.66 N | 29.88 -1.21 -12.51 N | 33.22 -2.58 -5.85 N | 43.12 -4.80 -11.86 N | 32.97 -7.13 3.88 N | 29.38 -2.96 -12.60 N | 32.62 -3.19 -13.06 N | 35.18 -0.28 -32.30 N | 34.25 -2.09 -13.66 N | 34.91 -1.97 -11.72 N | 34.10 -2.71 -6.11 N | 29.53 -2.69 -3.79 N | 35.82 -3.76 -1.13 N | 39.93 -5.27 0.00 N | 59.19 -9.70 0.00 N | 241.39 -34.96 0.00 N | 180.58 -24.31 0.00 N | 48.02 -6.84 0.00 N | 35.20 -4.16 -2.76 N | 33.53 -3.69 -4.10 N | 44.60 -5.58 -0.27 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| MOHAWK_PAPER___DRP 24187 | 109.04 4.79 -42.78 N | 114.85 2.18 -84.88 N | 161.84 0.88 -149.62 N | 119.49 2.06 -90.25 N | 125.92 1.42 -105.94 N | 81.80 2.30 -49.56 N | 139.08 2.63 -100.39 N | 69.59 3.30 -22.31 N | 128.26 1.49 -107.03 N | 135.37 1.73 -110.89 N | 277.61 0.28 -274.17 N | 140.41 1.85 -115.87 N | 126.52 2.03 -99.32 N | 84.81 2.30 -51.81 N | 62.63 2.08 -32.12 N | 50.74 2.74 -9.54 N | 48.23 3.03 0.00 N | 73.13 4.24 0.00 N | 291.90 15.55 0.00 N | 217.25 12.36 0.00 N | 58.22 3.36 0.00 N | 62.46 2.53 -23.34 N | 70.17 2.31 -34.74 N | 55.69 3.47 -2.32 N |
| MONGAUP___HYD 23641 | 97.04 5.23 -30.34 N | 90.41 2.40 -60.20 N | 118.41 0.94 -106.13 N | 93.43 2.22 -64.01 N | 95.24 1.53 -75.14 N | 67.70 2.60 -35.15 N | 110.49 3.23 -71.21 N | 63.55 3.82 -15.74 N | 97.23 1.73 -75.76 N | 103.15 1.91 -78.49 N | 197.53 0.30 -194.07 N | 106.81 2.02 -82.10 N | 97.92 2.29 -70.46 N | 70.33 2.89 -36.75 N | 53.88 2.67 -22.79 N | 48.56 3.34 -6.77 N | 48.76 3.57 0.00 N | 74.22 5.33 0.00 N | 296.04 19.69 0.00 N | 219.74 14.85 0.00 N | 59.14 4.28 0.00 N | 56.41 3.29 -16.52 N | 60.76 3.04 -24.60 N | 55.83 4.28 -1.65 N |
| MONTAUK___DIESEL 23721 | 153.83 13.05 -79.32 N | 223.32 5.91 -189.61 N | 191.69 2.26 -178.09 N | 140.97 5.38 -108.39 N | 110.32 3.78 -87.97 N | 95.44 6.63 -58.86 N | 188.02 8.19 -143.78 N | 495.90 10.97 -440.95 N | 284.62 4.98 -259.90 N | 242.95 6.24 -213.96 N | 331.54 0.85 -327.53 N | 118.09 5.44 -89.96 N | 108.44 6.07 -77.19 N | 89.22 8.21 -50.32 N | 168.43 7.56 -132.44 N | 70.59 10.69 -21.45 N | 57.13 11.93 0.00 N | 86.74 17.85 0.00 N | 342.20 65.85 0.00 N | 253.71 48.82 0.00 N | 82.88 12.41 -15.61 N | 76.48 8.67 -31.22 N | 123.74 7.80 -82.83 N | 156.15 11.22 -95.02 N |
| MUNSVILLE_WIND_PWR 323609 | 75.77 4.50 -9.81 N | 49.54 2.27 -19.47 N | 46.58 0.92 -34.32 N | 49.84 1.95 -20.70 N | 44.34 1.47 -24.30 N | 43.83 2.52 -11.37 N | 62.19 3.11 -23.02 N | 52.23 3.51 -4.74 N | 45.89 1.46 -24.68 N | 49.96 1.67 -25.55 N | 66.60 0.28 -63.16 N | 51.20 1.81 -26.71 N | 50.01 1.93 -22.91 N | 44.89 2.34 -11.87 N | 37.97 2.18 -7.36 N | 43.52 2.88 -2.19 N | 48.63 3.43 0.00 N | 75.09 6.20 0.00 N | 302.59 26.25 0.00 N | 225.16 20.27 0.00 N | 59.82 4.96 0.00 N | 45.18 3.25 -5.34 N | 43.75 2.68 -7.95 N | 54.39 3.96 -0.53 N |
| N SALMON___HYD 24042 | 61.50 0.03 0.00 N | 27.82 0.02 0.00 N | 11.31 -0.03 0.00 N | 27.14 -0.05 0.00 N | 18.42 -0.15 0.00 N | 29.48 -0.46 0.00 N | 35.55 -0.51 0.00 N | 43.43 -0.55 0.00 N | 19.50 -0.24 0.00 N | 22.47 -0.28 0.00 N | 3.07 -0.09 0.00 N | 22.23 -0.45 0.00 N | 24.66 -0.52 0.00 N | 30.07 -0.62 0.00 N | 27.81 -0.62 0.00 N | 37.63 -0.82 0.00 N | 44.46 -0.73 0.00 N | 67.83 -1.06 0.00 N | 273.99 -2.36 0.00 N | 203.09 -1.80 0.00 N | 55.00 0.14 0.00 N | 36.65 0.05 0.00 N | 33.34 0.23 0.00 N | 50.67 0.76 0.00 N |
| N.E_GEN_SANDY PD 24062 | 53.93 5.48 18.10 N | 108.27 2.23 -78.23 N | 150.14 0.89 -137.91 N | 112.45 2.07 -83.18 N | 117.64 1.43 -97.64 N | 78.04 2.41 -45.68 N | 131.40 2.81 -92.53 N | 67.99 3.47 -20.54 N | 119.87 1.58 -98.56 N | 140.00 1.68 -117.77 N | 140.00 2.24 -111.99 N | 131.37 1.94 -106.75 N | 118.89 2.16 -91.55 N | 81.11 2.66 -47.76 N | 60.50 2.46 -29.61 N | 50.58 3.33 -8.80 N | 84.84 4.22 -30.10 N | 114.42 3.94 -59.15 N | 108.00 7.15 -3.16 N | 105.11 5.28 -33.32 N | 79.03 4.23 -18.41 N | 70.26 3.87 -19.74 N | 67.87 2.76 -32.00 N | 56.06 4.02 -2.14 N |
| NARROWS_GT1_1 24228 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_2 24229 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_3 24230 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_4 24231 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_5 24232 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_6 24233 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_7 24234 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |
| NARROWS_GT1_8 24235 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NARROWS_GT2_1 24236 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_2 24237 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_3 24238 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_4 24239 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_5 24240 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_6 24241 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_7 24242 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NARROWS_GT2_8 24243 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NEG CAPITAL___MECHNVIL 23645 | 111.09 5.80 -43.83 N | 117.35 2.58 -86.96 N | 165.67 1.04 -153.29 N | 122.10 2.45 -92.46 N | 128.82 1.71 -108.54 N | 83.59 2.87 -50.77 N | 142.39 3.47 -102.86 N | 71.17 4.32 -22.86 N | 131.29 1.90 -109.64 N | 138.56 2.21 -113.60 N | 284.36 0.33 -280.87 N | 143.65 2.25 -118.71 N | 129.39 2.46 -101.76 N | 86.60 2.82 -53.09 N | 63.88 2.54 -32.91 N | 51.63 3.40 -9.78 N | 49.19 3.99 0.00 N | 74.87 5.98 0.00 N | 299.91 23.56 0.00 N | 223.49 18.61 0.00 N | 59.82 4.96 0.00 N | 64.11 3.60 -23.91 N | 71.94 3.23 -35.59 N | 56.79 4.51 -2.38 N | |
| NEG CENTRAL_HIGH_ACRES 23767 | 61.87 -3.50 -3.91 N | 34.14 -1.43 -7.76 N | 24.41 -0.61 -13.68 N | 33.88 -1.56 -8.25 N | 27.33 -0.93 -9.69 N | 32.89 -1.59 -4.53 N | 42.85 -2.39 -9.18 N | 43.22 -3.41 -2.65 N | 28.09 -1.41 -9.76 N | 31.35 -1.51 -10.12 N | 28.02 -0.14 -25.01 N | 32.19 -1.07 -10.57 N | 33.16 -1.08 -9.07 N | 34.00 -1.44 -4.74 N | 30.01 -1.36 -2.94 N | 37.38 -1.95 -0.87 N | 42.49 -2.71 0.00 N | 64.39 -4.51 0.00 N | 260.29 -16.06 0.00 N | 193.69 -11.19 0.00 N | 51.58 -3.28 0.00 N | 36.61 -2.12 -2.13 N | 34.23 -2.07 -3.18 N | 46.68 -3.43 -0.21 N | |
| NEG CENTRAL___DRP 24199 | 64.76 -1.02 -4.32 N | 36.07 -0.29 -8.56 N | 26.31 -0.12 -15.09 N | 35.88 -0.41 -9.10 N | 29.09 -0.17 -10.68 N | 34.71 -0.23 -5.00 N | 45.72 -0.47 -10.12 N | 45.51 -0.91 -2.43 N | 30.17 -0.30 -10.72 N | 33.63 -0.24 -11.12 N | 30.69 0.04 -27.49 N | 34.30 -0.01 -11.63 N | 35.20 0.05 -9.97 N | 35.91 -0.02 -5.23 N | 31.60 -0.07 -3.24 N | 39.30 -0.11 -0.96 N | 44.70 -0.50 0.00 N | 67.87 -1.02 0.00 N | 273.81 -2.54 0.00 N | 203.72 -1.17 0.00 N | 54.28 -0.58 0.00 N | 38.60 -0.35 -2.35 N | 36.17 -0.45 -3.50 N | 49.19 -0.95 -0.23 N | |
| NEG CENTRAL___INDECK 23768 | 67.03 -0.16 -5.73 N | 39.30 0.13 -11.37 N | 31.37 -0.02 -20.05 N | 39.16 -0.12 -12.09 N | 32.87 0.10 -14.19 N | 36.64 0.05 -6.64 N | 49.01 -0.50 -13.45 N | 46.04 -1.29 -3.35 N | 33.72 -0.36 -14.34 N | 37.40 -0.23 -14.88 N | 40.07 0.11 -36.80 N | 38.62 0.37 -15.56 N | 39.11 0.59 -13.35 N | 38.22 0.57 -6.95 N | 33.13 0.38 -4.31 N | 40.20 0.47 -1.28 N | 45.12 -0.08 0.00 N | 68.27 -0.62 0.00 N | 277.34 0.99 0.00 N | 206.87 1.98 0.00 N | 54.91 0.05 0.00 N | 39.80 0.08 -3.13 N | 37.68 -0.09 -4.66 N | 49.67 -0.55 -0.31 N | |
| NEG CENTRAL___SENECA 23627 | 65.49 -0.75 -4.77 N | 37.12 -0.15 -9.47 N | 27.95 -0.08 -16.69 N | 36.96 -0.30 -10.07 N | 30.31 -0.08 -11.82 N | 35.37 -0.11 -5.53 N | 46.87 -0.39 -11.20 N | 45.75 -0.95 -2.71 N | 31.37 -0.29 -11.91 N | 34.90 -0.20 -12.36 N | 33.81 0.09 -30.56 N | 35.73 0.12 -12.92 N | 36.50 0.24 -11.09 N | 36.69 0.21 -5.79 N | 32.12 0.10 -3.59 N | 39.64 0.12 -1.07 N | 44.86 -0.34 0.00 N | 67.98 -0.91 0.00 N | 274.73 -1.62 0.00 N | 204.71 -0.17 0.00 N | 54.50 -0.36 0.00 N | 38.98 -0.22 -2.61 N | 36.68 -0.32 -3.88 N | 49.40 -0.77 -0.26 N | |
| NEG CENTRAL___STATE_STREET | 65.39 | 36.35 | 26.41 | 36.15 | 29.28 | 35.23 | 46.36 | 46.37 | 30.52 | 33.99 | 30.58 | 34.62 | 35.55 | 36.36 | 32.09 | 39.94 | 45.50 | 69.17 | 279.38 | 207.61 | 55.31 | 39.25 | 36.64 | 49.87 | |

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| 24147 | -0.36 -4.28 N | 0.05 -8.50 N | 0.08 -14.98 N | -0.08 -9.04 N | 0.10 -10.61 N | 0.32 -4.96 N | 0.25 -10.05 N | 0.00 -2.39 N | 0.11 -10.68 N | 0.19 -11.05 N | 0.09 -27.33 N | 0.37 -11.56 N | 0.46 -9.91 N | 0.48 -5.19 N | 0.44 -3.22 N | 0.54 -0.96 N | 0.30 0.00 N | 0.28 0.00 N | 3.04 0.00 N | 2.73 0.00 N | 0.45 0.00 N | 0.32 -2.33 N | 0.05 -3.47 N | -0.27 -0.23 N |
| NEG MILLWOOD___DRP 24198 | 101.33 5.78 -34.08 N | 98.08 2.66 -67.61 N | 131.55 1.02 -119.98 N | 101.48 2.40 -71.89 N | 104.59 1.63 -84.39 N | 72.23 2.80 -39.48 N | 119.53 3.49 -79.97 N | 66.02 4.33 -17.70 N | 106.79 2.00 -85.04 N | 113.23 2.37 -88.11 N | 221.36 0.35 -217.85 N | 117.26 2.39 -92.18 N | 106.98 2.68 -79.12 N | 75.36 3.39 -41.28 N | 57.22 3.19 -25.59 N | 50.44 4.39 -7.60 N | 50.13 4.93 0.00 N | 76.01 7.12 0.00 N | 302.59 26.24 0.00 N | 224.60 19.72 0.00 N | 60.16 5.30 0.00 N | 58.96 3.82 -18.54 N | 64.14 3.41 -27.62 N | 56.59 4.84 -1.85 N |
| NEG NORTH_FLCN_SEA 23793 | 60.42 -1.05 0.00 N | 27.31 -0.49 0.00 N | 11.10 -0.24 0.00 N | 26.51 -0.68 0.00 N | 17.98 -0.59 0.00 N | 28.87 -1.07 0.00 N | 31.35 -1.40 3.31 N | -28.32 -1.84 70.46 N | -28.16 -0.85 47.05 N | -28.18 -1.00 49.93 N | -82.50 -0.19 85.46 N | -91.15 -1.22 112.61 N | -90.34 -1.36 114.15 N | -92.89 -1.65 121.93 N | -91.20 -1.55 118.08 N | -91.29 -2.08 127.66 N | -86.29 -2.15 129.34 N | 42.62 -3.08 23.19 N | 265.47 -10.88 0.00 N | 198.30 -6.58 0.00 N | 53.95 -0.91 0.00 N | 35.93 -0.67 0.00 N | 32.68 -0.43 0.00 N | 49.51 -0.39 0.00 N |
| NEG NORTH_KES_CHATAGAY 23792 | 60.78 -0.68 0.00 N | 27.45 -0.35 0.00 N | 11.16 -0.18 0.00 N | 26.72 -0.47 0.00 N | 18.12 -0.45 0.00 N | 29.08 -0.87 0.00 N | 31.66 -1.08 3.31 N | -27.72 -1.24 70.46 N | -27.88 -0.58 47.05 N | -27.87 -0.68 49.93 N | -82.46 -0.16 85.46 N | -90.81 -0.89 112.61 N | -89.97 -0.99 114.15 N | -92.43 -1.19 121.93 N | -90.77 -1.13 118.08 N | -90.70 -1.49 127.66 N | -85.63 -1.49 129.34 N | 43.34 -2.36 23.19 N | 268.62 -7.73 0.00 N | 200.01 -4.87 0.00 N | 54.27 -0.59 0.00 N | 36.10 -0.49 0.00 N | 32.82 -0.29 0.00 N | 49.81 -0.09 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 61.15 -0.31 0.00 N | 27.64 -0.16 0.00 N | 11.23 -0.11 0.00 N | 26.84 -0.36 0.00 N | 18.20 -0.37 0.00 N | 29.24 -0.71 0.00 N | 31.81 -0.93 3.31 N | -27.67 -1.20 70.46 N | -27.85 -0.55 47.05 N | -27.84 -0.66 49.93 N | -82.46 -0.15 85.46 N | -90.79 -0.87 112.61 N | -89.89 -0.91 114.15 N | -92.35 -1.12 121.93 N | -90.73 -1.08 118.08 N | -90.67 -1.45 127.66 N | -85.59 -1.45 129.34 N | 43.68 -2.02 23.19 N | 270.10 -6.25 0.00 N | 201.98 -2.91 0.00 N | 54.88 0.02 0.00 N | 36.50 -0.10 0.00 N | 33.16 0.05 0.00 N | 50.27 0.36 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 61.15 -0.31 0.00 N | 27.64 -0.16 0.00 N | 11.23 -0.11 0.00 N | 26.84 -0.36 0.00 N | 18.20 -0.37 0.00 N | 29.24 -0.71 0.00 N | 31.81 -0.93 3.31 N | -27.67 -1.20 70.46 N | -27.85 -0.55 47.05 N | -27.84 -0.66 49.93 N | -82.46 -0.15 85.46 N | -90.79 -0.87 112.61 N | -89.89 -0.91 114.15 N | -92.35 -1.12 121.93 N | -90.73 -1.08 118.08 N | -90.67 -1.45 127.66 N | -85.59 -1.45 129.34 N | 43.68 -2.02 23.19 N | 270.10 -6.25 0.00 N | 201.98 -2.91 0.00 N | 54.88 0.02 0.00 N | 36.50 -0.10 0.00 N | 33.16 0.05 0.00 N | 50.27 0.36 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 61.15 -0.31 0.00 N | 27.64 -0.16 0.00 N | 11.23 -0.11 0.00 N | 26.84 -0.36 0.00 N | 18.20 -0.37 0.00 N | 29.24 -0.71 0.00 N | 31.81 -0.93 3.31 N | -27.67 -1.20 70.46 N | -27.85 -0.55 47.05 N | -27.84 -0.66 49.93 N | -82.46 -0.15 85.46 N | -90.79 -0.87 112.61 N | -89.89 -0.91 114.15 N | -92.35 -1.12 121.93 N | -90.73 -1.08 118.08 N | -90.67 -1.45 127.66 N | -85.59 -1.45 129.34 N | 43.68 -2.02 23.19 N | 270.10 -6.25 0.00 N | 201.98 -2.91 0.00 N | 54.88 0.02 0.00 N | 36.50 -0.10 0.00 N | 33.16 0.05 0.00 N | 50.27 0.36 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 62.12 -4.36 -5.02 N | 36.17 -1.59 -9.95 N | 28.12 -0.76 -17.54 N | 35.83 -1.94 -10.58 N | 29.88 -1.12 -12.42 N | 33.31 -2.45 -5.81 N | 43.24 -4.59 -11.77 N | 33.14 -6.87 3.97 N | 29.41 -2.85 -12.52 N | 32.67 -3.06 -12.98 N | 35.02 -0.24 -32.10 N | 34.26 -2.00 -13.57 N | 34.92 -1.90 -11.64 N | 34.19 -2.58 -6.07 N | 29.62 -2.57 -3.77 N | 35.97 -3.60 -1.12 N | 40.10 -5.10 0.00 N | 59.64 -9.25 0.00 N | 243.02 -33.33 0.00 N | 181.77 -23.11 0.00 N | 48.31 -6.55 0.00 N | 35.32 -4.01 -2.74 N | 33.63 -3.55 -4.07 N | 44.94 -5.24 -0.27 N |
| NEG WEST___LANCASTR 23811 | 63.55 -3.73 -5.81 N | 38.02 -1.30 -11.52 N | 31.04 -0.61 -20.31 N | 37.91 -1.54 -12.25 N | 32.05 -0.90 -14.38 N | 34.95 -1.72 -6.73 N | 46.53 -3.15 -13.63 N | 36.13 -5.09 2.75 N | 32.23 -2.04 -14.52 N | 35.74 -2.07 -15.06 N | 40.39 -0.01 -37.24 N | 37.12 -1.31 -15.75 N | 37.50 -1.19 -13.51 N | 36.15 -1.58 -7.04 N | 31.06 -1.74 -4.37 N | 37.39 -2.36 -1.30 N | 41.50 -3.70 0.00 N | 61.95 -6.94 0.00 N | 251.91 -24.43 0.00 N | 188.62 -16.27 0.00 N | 50.12 -4.74 0.00 N | 36.82 -2.94 -3.17 N | 35.32 -2.51 -4.72 N | 46.29 -3.93 -0.31 N |
| NEG_PENN_ALLEGHNY 23528 | 72.78 0.52 -10.80 N | 49.64 0.41 -21.43 N | 49.27 0.15 -37.78 N | 50.29 0.31 -22.79 N | 45.58 0.26 -26.75 N | 42.90 0.45 -12.51 N | 61.78 0.37 -25.35 N | 48.94 0.03 -4.93 N | 46.91 0.11 -27.06 N | 50.99 0.20 -28.04 N | 72.63 0.14 -69.33 N | 52.42 0.41 -29.32 N | 50.85 0.53 -25.15 N | 44.42 0.64 -13.09 N | 37.07 0.53 -8.11 N | 41.62 0.76 -2.41 N | 45.67 0.48 0.00 N | 69.14 0.25 0.00 N | 278.13 1.78 0.00 N | 207.03 2.15 0.00 N | 55.25 0.39 0.00 N | 42.82 0.34 -5.89 N | 42.19 0.31 -8.77 N | 50.79 0.30 -0.59 N |
| NEG___GEN_MONROE 24207 | 64.04 -1.67 -4.25 N | 35.70 -0.52 -8.43 N | 25.92 -0.28 -14.85 N | 35.38 -0.77 -8.96 N | 28.75 -0.34 -10.52 N | 34.10 -0.76 -4.92 N | 44.32 -1.70 -9.97 N | 44.27 -2.79 -3.08 N | 29.26 -1.07 -10.59 N | 32.64 -1.08 -10.98 N | 30.27 -0.04 -27.16 N | 33.76 -0.41 -11.48 N | 34.75 -0.27 -9.85 N | 35.33 -0.51 -5.14 N | 31.05 -0.58 -3.19 N | 38.48 -0.92 -0.95 N | 43.50 -1.70 0.00 N | 65.64 -3.25 0.00 N | 266.58 -9.76 0.00 N | 198.97 -5.92 0.00 N | 52.87 -1.99 0.00 N | 37.70 -1.21 -2.32 N | 35.31 -1.26 -3.45 N | 47.89 -2.25 -0.23 N |
| NEPA___ENERGY 23901 | 63.47 -4.20 -6.21 N | 38.66 -1.45 -12.31 N | 32.42 -0.63 -21.71 N | 38.76 -1.52 -13.09 N | 32.98 -0.96 -15.37 N | 35.48 -1.66 -7.19 N | 47.77 -2.85 -14.56 N | 37.17 -4.80 2.01 N | 33.37 -1.92 -15.54 N | 36.96 -1.90 -16.12 N | 43.09 0.08 -39.86 N | 38.22 -1.33 -16.86 N | 38.39 -1.25 -14.47 N | 36.65 -1.57 -7.53 N | 31.33 -1.77 -4.67 N | 37.54 -2.29 -1.39 N | 41.46 -3.74 0.00 N | 61.77 -7.12 0.00 N | 250.65 -25.70 0.00 N | 187.67 -17.22 0.00 N | 49.90 -4.96 0.00 N | 36.82 -3.16 -3.39 N | 35.62 -2.54 -5.04 N | 46.42 -3.83 -0.34 N |
| NEVERSink___HYD 23608 | 94.54 4.33 -28.75 N | 86.84 2.00 -57.04 N | 112.65 0.77 -100.54 N | 89.64 1.80 -60.64 N | 91.01 1.25 -71.19 N | 65.41 2.17 -33.30 N | 106.28 2.76 -67.46 N | 62.13 3.26 -14.89 N | 92.41 1.03 -71.65 N | 98.25 1.27 -74.23 N | 186.91 0.22 -183.53 N | 101.76 1.37 -77.71 N | 93.46 1.54 -66.75 N | 67.46 1.94 -34.82 N | 51.82 1.80 -21.59 N | 47.35 2.49 -6.41 N | 48.04 2.84 0.00 N | 73.10 4.21 0.00 N | 292.05 15.71 0.00 N | 216.84 11.95 0.00 N | 58.02 3.17 0.00 N | 54.47 2.25 -15.62 N | 58.33 1.94 -23.27 N | 54.13 2.66 -1.56 N |
| NEWTON___FALLS_HYD 23847 | 60.80 -0.66 0.00 N | 27.63 -0.17 0.00 N | 11.26 -0.08 0.00 N | 27.12 -0.07 0.00 N | 18.50 -0.06 0.00 N | 29.55 -0.40 0.00 N | 35.74 -0.32 0.00 N | 43.53 -0.45 0.00 N | 19.57 -0.18 0.00 N | 22.56 -0.19 0.00 N | 3.12 -0.03 0.00 N | 22.45 -0.24 0.00 N | 24.92 -0.26 0.00 N | 30.33 -0.36 0.00 N | 28.04 -0.39 0.00 N | 37.87 -0.58 0.00 N | 44.48 -0.72 0.00 N | 68.29 -0.60 0.00 N | 275.62 -0.72 0.00 N | 201.84 -3.05 0.00 N | 54.13 -0.73 0.00 N | 36.27 -0.32 0.00 N | 33.08 -0.04 0.00 N | 50.22 0.31 0.00 N |

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| NIAGARA____ 23760 | 61.62 -4.89 -5.04 N | 35.94 -1.85 -10.00 N | 28.09 -0.87 -17.62 N | 35.62 -2.19 -10.63 N | 29.74 -1.30 -12.48 N | 33.21 -2.58 -5.84 N | 43.36 -4.52 -11.82 N | 33.29 -6.84 3.85 N | 29.49 -2.85 -12.60 N | 32.75 -3.06 -13.06 N | 35.21 -0.23 -32.29 N | 34.29 -2.05 -13.65 N | 34.92 -1.97 -11.71 N | 34.17 -2.63 -6.11 N | 29.60 -2.62 -3.79 N | 35.93 -3.64 -1.13 N | 40.08 -5.11 0.00 N | 59.75 -9.14 0.00 N | 243.12 -33.22 0.00 N | 181.70 -23.18 0.00 N | 48.32 -6.54 0.00 N | 35.30 -4.04 -2.75 N | 33.61 -3.59 -4.09 N | 44.63 -5.55 -0.27 N |
| NINE_MILE_1 23575 | 61.03 -2.48 -2.04 N | 30.81 -1.04 -4.06 N | 18.07 -0.42 -7.15 N | 30.44 -1.07 -4.31 N | 22.95 -0.68 -5.06 N | 31.20 -1.11 -2.37 N | 39.40 -1.45 -4.79 N | 43.26 -1.88 -1.16 N | 24.02 -0.81 -5.09 N | 27.11 -0.90 -5.27 N | 16.06 -0.13 -13.02 N | 27.43 -0.76 -5.51 N | 29.07 -0.83 -4.73 N | 32.12 -1.04 -2.48 N | 29.00 -0.96 -1.53 N | 37.55 -1.36 -0.46 N | 43.44 -1.76 0.00 N | 66.06 -2.83 0.00 N | 265.29 -11.05 0.00 N | 197.00 -7.88 0.00 N | 52.66 -2.20 0.00 N | 36.31 -1.40 -1.11 N | 33.45 -1.32 -1.66 N | 47.88 -2.14 -0.11 N |
| NINE_MILE_2 23744 | 61.03 -2.47 -2.03 N | 30.80 -1.03 -4.03 N | 18.02 -0.42 -7.10 N | 30.41 -1.06 -4.28 N | 22.92 -0.68 -5.03 N | 31.19 -1.11 -2.35 N | 39.38 -1.44 -4.76 N | 43.26 -1.87 -1.15 N | 23.99 -0.80 -5.05 N | 27.08 -0.90 -5.23 N | 15.97 -0.12 -12.94 N | 27.40 -0.76 -5.47 N | 29.04 -0.83 -4.69 N | 32.11 -1.04 -2.46 N | 28.99 -0.96 -1.52 N | 37.54 -1.36 -0.45 N | 43.44 -1.76 0.00 N | 66.06 -2.83 0.00 N | 265.29 -11.05 0.00 N | 197.00 -7.88 0.00 N | 52.67 -2.19 0.00 N | 36.30 -1.40 -1.11 N | 33.45 -1.31 -1.65 N | 47.88 -2.13 -0.11 N |
| NM_CAPITAL____DRP 24208 | 108.46 4.58 -42.42 N | 114.09 2.12 -84.17 N | 160.57 0.86 -148.37 N | 118.68 2.00 -89.49 N | 125.00 1.37 -105.05 N | 81.29 2.20 -49.14 N | 138.06 2.45 -99.55 N | 69.18 3.07 -22.12 N | 127.26 1.37 -106.14 N | 134.34 1.62 -109.97 N | 275.31 0.26 -271.90 N | 139.32 1.72 -114.91 N | 125.55 1.89 -98.49 N | 84.16 2.09 -51.38 N | 62.17 1.89 -31.86 N | 50.43 2.52 -9.46 N | 47.95 2.75 0.00 N | 72.61 3.72 0.00 N | 289.49 13.15 0.00 N | 215.43 10.55 0.00 N | 57.78 2.92 0.00 N | 61.99 2.25 -23.15 N | 69.63 2.06 -34.45 N | 55.37 3.16 -2.30 N |
| NM_CENTRAL____DRP 24181 | 62.97 -1.14 -2.64 N | 32.63 -0.42 -5.24 N | 20.40 -0.17 -9.24 N | 32.27 -0.49 -5.57 N | 24.84 -0.27 -6.54 N | 32.60 -0.41 -3.06 N | 41.69 -0.57 -6.20 N | 44.50 -0.85 -1.37 N | 25.84 -0.32 -6.42 N | 29.08 -0.31 -6.65 N | 19.58 -0.02 -16.45 N | 29.51 -0.14 -6.95 N | 31.01 -0.14 -5.97 N | 33.70 -0.18 -3.20 N | 30.22 -0.19 -1.99 N | 38.73 -0.30 -0.59 N | 44.63 -0.58 0.00 N | 67.88 -1.01 0.00 N | 272.84 -3.51 0.00 N | 202.58 -2.31 0.00 N | 54.09 -0.76 0.00 N | 37.56 -0.47 -1.44 N | 34.73 -0.53 -2.14 N | 49.01 -1.04 -0.14 N |
| NM_FRONTIER____DRP 24179 | 61.50 -5.07 -5.11 N | 36.04 -1.91 -10.15 N | 28.33 -0.90 -17.89 N | 35.68 -2.30 -10.79 N | 29.88 -1.36 -12.67 N | 33.09 -0.77 -5.93 N | 43.12 -4.95 -12.00 N | 32.77 -7.43 3.78 N | 29.48 -3.07 -12.81 N | 32.70 -3.32 -13.28 N | 35.70 -0.29 -32.83 N | 34.33 -2.24 -13.88 N | 34.92 -2.16 -11.91 N | 33.99 -2.91 -6.21 N | 29.38 -2.89 -3.85 N | 35.59 -4.00 -1.14 N | 39.61 -5.59 0.00 N | 58.91 -9.98 0.00 N | 239.80 -36.54 0.00 N | 179.21 -25.67 0.00 N | 47.67 -7.19 0.00 N | 34.98 -4.41 -2.79 N | 33.42 -3.85 -4.15 N | 44.34 -5.84 -0.28 N |
| NM_ST_REGIS____HYD 24053 | 60.55 -0.91 0.00 N | 27.53 -0.27 0.00 N | 11.20 -0.14 0.00 N | 27.04 -0.15 0.00 N | 18.38 -0.19 0.00 N | 29.18 -0.77 0.00 N | 35.41 -0.65 0.00 N | 43.10 -0.89 0.00 N | 19.37 -0.37 0.00 N | 22.31 -0.43 0.00 N | 3.07 -0.09 0.00 N | 22.11 -0.57 0.00 N | 24.54 -0.63 0.00 N | 29.92 -0.77 0.00 N | 27.66 -0.77 0.00 N | 37.37 -1.07 0.00 N | 44.03 -1.17 0.00 N | 67.47 -1.41 0.00 N | 272.53 -3.81 0.00 N | 199.20 -5.68 0.00 N | 53.77 -1.09 0.00 N | 36.07 -0.53 0.00 N | 32.93 -0.18 0.00 N | 50.34 0.44 0.00 N |
| NORTHPORT____1 23551 | 146.91 6.13 -79.32 N | 220.39 2.97 -189.61 N | 190.48 1.05 -178.09 N | 138.03 2.44 -108.39 N | 108.23 1.70 -87.97 N | 91.87 3.06 -58.86 N | 183.45 3.62 -143.78 N | 489.39 4.46 -440.95 N | 281.66 2.02 -259.90 N | 239.09 2.39 -213.96 N | 331.01 0.33 -327.53 N | 114.69 2.04 -89.96 N | 104.66 2.29 -77.19 N | 84.36 3.34 -50.32 N | 164.00 3.13 -132.44 N | 64.35 4.45 -21.45 N | 49.84 4.64 0.00 N | 75.16 6.27 0.00 N | 297.75 21.40 0.00 N | 221.70 16.81 0.00 N | 74.80 4.34 -15.61 N | 71.30 3.48 -31.22 N | 119.31 3.36 -82.83 N | 149.83 4.90 -95.02 N |
| NORTHPORT____2 23552 | 146.91 6.13 -79.32 N | 220.39 2.97 -189.61 N | 190.48 1.05 -178.09 N | 138.03 2.44 -108.39 N | 108.23 1.70 -87.97 N | 91.87 3.06 -58.86 N | 183.45 3.62 -143.78 N | 489.39 4.46 -440.95 N | 281.66 2.02 -259.90 N | 239.09 2.39 -213.96 N | 331.01 0.33 -327.53 N | 114.69 2.04 -89.96 N | 104.66 2.29 -77.19 N | 84.36 3.34 -50.32 N | 164.00 3.13 -132.44 N | 64.35 4.45 -21.45 N | 49.84 4.64 0.00 N | 75.16 6.27 0.00 N | 297.75 21.40 0.00 N | 221.70 16.81 0.00 N | 74.80 4.34 -15.61 N | 71.30 3.48 -31.22 N | 119.31 3.36 -82.83 N | 149.83 4.90 -95.02 N |
| NORTHPORT____3 23553 | 146.46 5.68 -79.32 N | 220.15 2.74 -189.61 N | 190.37 0.93 -178.09 N | 137.82 2.24 -108.39 N | 108.11 1.57 -87.97 N | 91.64 2.83 -58.86 N | 183.19 3.36 -143.78 N | 488.97 4.04 -440.95 N | 281.52 1.88 -259.90 N | 238.91 2.21 -213.96 N | 331.01 0.33 -327.53 N | 114.54 1.89 -89.96 N | 104.49 2.13 -77.19 N | 84.16 3.14 -50.32 N | 163.80 2.93 -132.44 N | 64.02 4.13 -21.45 N | 49.50 4.30 0.00 N | 74.73 5.84 0.00 N | 296.34 20.00 0.00 N | 220.48 15.60 0.00 N | 74.49 4.03 -15.61 N | 71.04 3.23 -31.22 N | 119.09 3.15 -82.83 N | 149.54 4.60 -95.02 N |
| NORTHPORT____4 23650 | 146.46 5.68 -79.32 N | 220.15 2.74 -189.61 N | 190.37 0.93 -178.09 N | 137.82 2.24 -108.39 N | 108.11 1.57 -87.97 N | 91.64 2.83 -58.86 N | 183.19 3.36 -143.78 N | 488.97 4.04 -440.95 N | 281.52 1.88 -259.90 N | 238.91 2.21 -213.96 N | 331.01 0.33 -327.53 N | 114.54 1.89 -89.96 N | 104.49 2.13 -77.19 N | 84.16 3.14 -50.32 N | 163.80 2.93 -132.44 N | 64.02 4.13 -21.45 N | 49.50 4.30 0.00 N | 74.73 5.84 0.00 N | 296.34 20.00 0.00 N | 220.48 15.60 0.00 N | 74.49 4.03 -15.61 N | 71.04 3.23 -31.22 N | 119.09 3.15 -82.83 N | 149.54 4.60 -95.02 N |
| NORTHPORT____IC 23718 | 146.91 6.13 -79.32 N | 220.39 2.97 -189.61 N | 190.48 1.05 -178.09 N | 138.03 2.44 -108.39 N | 108.23 1.70 -87.97 N | 91.87 3.06 -58.86 N | 183.45 3.62 -143.78 N | 489.39 4.46 -440.95 N | 281.66 2.02 -259.90 N | 239.09 2.39 -213.96 N | 331.01 0.33 -327.53 N | 114.69 2.04 -89.96 N | 104.66 2.29 -77.19 N | 84.36 3.34 -50.32 N | 164.00 3.13 -132.44 N | 64.35 4.45 -21.45 N | 49.84 4.64 0.00 N | 75.16 6.27 0.00 N | 297.75 21.40 0.00 N | 221.70 16.81 0.00 N | 74.80 4.34 -15.61 N | 71.30 3.48 -31.22 N | 119.31 3.36 -82.83 N | 149.83 4.90 -95.02 N |
| NPX_GEN_1385_PROXY 323591 | 54.31 5.90 18.14 N | 220.39 2.97 -189.61 N | 190.47 1.04 -178.09 N | 137.68 2.10 -108.39 N | 107.91 1.37 -87.97 N | 91.44 2.63 -58.86 N | 182.52 2.69 -143.78 N | 489.39 4.46 -440.95 N | 281.51 1.87 -259.90 N | 125.00 1.63 -102.83 N | 155.93 2.36 -127.79 N | 114.06 1.42 -89.96 N | 103.94 1.58 -77.19 N | 83.50 2.49 -50.32 N | 100.00 2.11 -72.33 N | 63.53 3.63 -21.45 N | 81.85 4.20 -27.13 N | 73.44 4.55 0.00 N | 290.80 14.46 0.00 N | 216.92 12.03 0.00 N | 73.33 2.87 -15.61 N | 101.01 3.24 -51.11 N | 30.00 2.86 13.45 N | 86.00 2.75 -43.57 N |
| NPX_GEN_CSC 323557 | 55.74 7.33 18.14 N | 220.47 3.06 -189.61 N | 190.54 1.11 -178.09 N | 138.20 2.61 -108.39 N | 108.37 1.83 -87.97 N | 92.14 3.34 -58.86 N | 183.74 3.91 -143.78 N | 489.59 4.66 -440.95 N | 281.54 1.89 -259.90 N | 250.00 2.47 -226.98 N | 156.86 3.29 -127.79 N | 114.48 1.84 -89.96 N | 104.39 2.02 -77.19 N | 84.39 3.37 -50.32 N | 164.10 3.23 -132.44 N | 64.72 4.83 -21.45 N | 83.44 5.79 -27.13 N | 74.79 5.90 0.00 N | 294.72 18.37 0.00 N | 220.37 15.48 0.00 N | 74.36 3.89 -15.61 N | 120.00 4.28 -69.06 N | 119.22 3.28 -82.83 N | 150.10 5.17 -95.02 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| NSINS_S_GLNS_FALLS 23858 | 110.53 5.47 -43.59 N | 116.69 2.41 -86.48 N | 164.75 0.96 -152.45 N | 121.44 2.29 -91.95 N | 128.13 1.62 -107.94 N | 83.15 2.71 -50.49 N | 141.66 3.31 -102.29 N | 70.87 4.15 -22.74 N | 130.59 1.82 -109.03 N | 137.86 2.15 -112.96 N | 282.77 0.31 -279.29 N | 142.80 2.06 -118.05 N | 128.51 2.14 -101.20 N | 85.82 2.33 -52.79 N | 63.25 2.09 -32.73 N | 50.95 2.78 -9.72 N | 48.54 3.34 0.00 N | 73.82 4.93 0.00 N | 295.92 19.58 0.00 N | 221.40 16.52 0.00 N | 59.27 4.41 0.00 N | 63.80 3.44 -23.78 N | 71.70 3.19 -35.39 N | 56.47 4.20 -2.36 N | |
| NUCOR_STEEL____DRP 24197 | 64.66 -1.08 -4.27 N | 36.01 -0.26 -8.47 N | 26.24 -0.04 -14.94 N | 35.81 -0.39 -9.01 N | 29.05 -0.10 -10.58 N | 34.89 -0.01 -4.95 N | 45.87 -0.21 -10.02 N | 45.77 -0.58 -2.37 N | 30.24 -0.16 -10.65 N | 33.64 -0.13 -11.03 N | 30.46 0.04 -27.26 N | 34.27 0.05 -11.53 N | 35.17 0.11 -9.89 N | 35.92 0.06 -5.17 N | 31.71 0.08 -3.20 N | 39.40 0.00 -0.95 N | 44.88 -0.31 0.00 N | 68.27 -0.62 0.00 N | 275.50 -0.84 0.00 N | 204.59 -0.29 0.00 N | 54.54 -0.32 0.00 N | 38.74 -0.18 -2.32 N | 36.20 -0.38 -3.46 N | 49.26 -0.88 -0.23 N | |
| NYISO_LBMP_REFERENCE 24008 | 61.47 0.00 0.00 N | 27.80 0.00 0.00 N | 11.34 0.00 0.00 N | 27.19 0.00 0.00 N | 18.57 0.00 0.00 N | 29.95 0.00 0.00 N | 36.06 0.00 0.00 N | 43.98 0.00 0.00 N | 19.74 0.00 0.00 N | 22.75 0.00 0.00 N | 3.16 0.00 0.00 N | 22.69 0.00 0.00 N | 25.17 0.00 0.00 N | 30.69 0.00 0.00 N | 28.43 0.00 0.00 N | 38.45 0.00 0.00 N | 45.20 0.00 0.00 N | 68.89 0.00 0.00 N | 276.34 0.00 0.00 N | 204.89 0.00 0.00 N | 54.86 0.00 0.00 N | 36.60 0.00 0.00 N | 33.12 0.00 0.00 N | 49.91 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 147.55 6.77 -79.32 N | 220.59 3.18 -189.61 N | 190.57 1.14 -178.09 N | 138.28 2.69 -108.39 N | 108.41 1.87 -87.97 N | 92.16 3.35 -58.86 N | 183.87 4.04 -143.78 N | 489.83 4.90 -440.95 N | 281.89 2.24 -259.90 N | 239.43 2.72 -213.96 N | 331.04 0.36 -327.53 N | 114.91 2.26 -89.96 N | 104.91 2.55 -77.19 N | 84.68 3.67 -50.32 N | 164.29 3.42 -132.44 N | 64.75 4.85 -21.45 N | 50.06 4.85 0.00 N | 75.56 6.67 0.00 N | 299.47 23.12 0.00 N | 222.97 18.08 0.00 N | 75.16 4.69 -15.61 N | 71.72 3.90 -31.22 N | 119.75 3.81 -82.83 N | 150.45 5.52 -95.02 N | |
| NYPA_GOWANUS____GT5 24156 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.04 -206.00 N | 211.80 2.41 -186.65 N | 221.33 0.38 -217.80 N | 115.06 2.42 -89.95 N | 105.06 2.70 -77.19 N | 74.42 3.47 -40.26 N | 56.71 3.31 -24.97 N | 54.31 4.49 -11.38 N | 124.25 4.93 -74.12 N | 205.86 6.82 -130.15 N | 353.58 23.38 -53.86 N | 257.74 17.42 -35.44 N | 227.52 4.86 -167.80 N | 227.55 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NYPA_GOWANUS____GT6 24157 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.04 -206.00 N | 211.80 2.41 -186.65 N | 221.33 0.38 -217.80 N | 115.06 2.42 -89.95 N | 105.06 2.70 -77.19 N | 74.42 3.47 -40.26 N | 56.71 3.31 -24.97 N | 54.31 4.49 -11.38 N | 124.25 4.93 -74.12 N | 205.86 6.82 -130.15 N | 353.58 23.38 -53.86 N | 257.74 17.42 -35.44 N | 227.52 4.86 -167.80 N | 227.55 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |
| NYPA_HARLEM_RVR_GT1 24160 | 100.52 5.81 -33.24 N | 96.47 2.71 -65.96 N | 128.64 1.03 -116.27 N | 99.73 2.41 -70.13 N | 102.46 1.57 -82.32 N | 71.22 2.76 -38.51 N | 117.47 3.40 -78.01 N | 65.49 4.23 -17.28 N | 104.78 1.95 -83.08 N | 111.07 2.31 -86.01 N | 216.20 0.40 -212.65 N | 114.87 2.23 -89.95 N | 104.88 2.52 -77.19 N | 74.18 3.23 -40.26 N | 56.48 3.08 -24.97 N | 50.14 4.27 -7.42 N | 49.92 4.72 0.00 N | 75.33 6.44 0.00 N | 297.98 21.64 0.00 N | 221.34 16.46 0.00 N | 59.48 4.62 0.00 N | 58.15 3.46 -18.10 N | 63.36 3.29 -26.95 N | 56.43 4.72 -1.80 N | |
| NYPA_HARLEM_RVR_GT2 24161 | 100.52 5.81 -33.24 N | 96.47 2.71 -65.96 N | 128.64 1.03 -116.27 N | 99.73 2.41 -70.13 N | 102.46 1.57 -82.32 N | 71.22 2.76 -38.51 N | 117.47 3.40 -78.01 N | 65.49 4.23 -17.28 N | 104.78 1.95 -83.08 N | 111.07 2.31 -86.01 N | 216.20 0.40 -212.65 N | 114.87 2.23 -89.95 N | 104.88 2.52 -77.19 N | 74.18 3.23 -40.26 N | 56.48 3.08 -24.97 N | 50.14 4.27 -7.42 N | 49.92 4.72 0.00 N | 75.33 6.44 0.00 N | 297.98 21.64 0.00 N | 221.34 16.46 0.00 N | 59.48 4.62 0.00 N | 58.15 3.46 -18.10 N | 63.36 3.29 -26.95 N | 56.43 4.72 -1.80 N | |
| NYPA_KENT____GT 24152 | 115.67 5.86 -48.34 N | 102.71 2.74 -72.17 N | 164.03 1.03 -151.66 N | 103.11 2.42 -73.50 N | 102.49 1.60 -82.32 N | 71.25 2.79 -38.51 N | 188.60 3.48 -149.06 N | 163.68 4.34 -115.36 N | 186.54 2.02 -164.77 N | 178.03 2.40 -152.89 N | 219.59 0.37 -216.07 N | 115.04 2.40 -89.95 N | 105.04 2.68 -77.19 N | 74.39 3.43 -40.26 N | 56.68 3.28 -24.97 N | 54.31 4.48 -11.38 N | 111.84 4.92 -61.72 N | 178.36 6.82 -102.65 N | 338.75 23.38 -39.02 N | 249.42 17.42 -27.12 N | 185.04 4.85 -125.33 N | 173.23 3.61 -133.02 N | 172.45 3.29 -136.04 N | 165.16 4.68 -110.58 N | |
| NYPA_POUCH1____GT 24155 | 123.29 5.85 -55.97 N | 105.86 2.75 -75.31 N | 181.91 1.03 -169.53 N | 104.83 2.43 -75.20 N | 102.51 1.61 -82.32 N | 71.26 2.80 -38.51 N | 224.42 3.44 -184.92 N | 213.13 4.28 -164.87 N | 227.75 2.01 -206.00 N | 211.75 2.36 -186.65 N | 221.31 0.36 -217.80 N | 114.99 2.35 -89.95 N | 104.98 2.62 -77.19 N | 74.31 3.36 -40.26 N | 56.61 3.21 -24.97 N | 50.16 4.29 -7.42 N | 86.87 4.69 -36.98 N | 157.31 6.44 -81.98 N | 342.33 21.76 -44.23 N | 245.88 16.19 -24.80 N | 186.07 4.62 -126.59 N | 220.03 3.47 -179.96 N | 227.45 3.22 -191.12 N | 219.90 4.50 -165.49 N | |
| NYPA_VERNON____GT2 24162 | 107.95 5.76 -40.72 N | 99.52 2.69 -69.03 N | 146.15 1.01 -133.79 N | 101.36 2.37 -71.80 N | 102.46 1.56 -82.32 N | 71.21 2.75 -38.51 N | 152.68 3.43 -113.19 N | 114.12 4.30 -65.84 N | 145.29 2.00 -123.54 N | 144.25 2.38 -119.13 N | 217.86 0.37 -214.34 N | 115.00 2.36 -89.95 N | 105.01 2.65 -77.19 N | 74.35 3.39 -40.26 N | 56.65 3.25 -24.97 N | 54.29 4.47 -11.38 N | 99.43 4.91 -49.32 N | 150.84 6.81 -75.14 N | 323.90 23.37 -24.19 N | 240.99 17.31 -18.79 N | 142.54 4.82 -82.86 N | 118.90 3.59 -78.72 N | 117.34 3.26 -80.97 N | 110.23 4.66 -55.66 N | |
| NYPA_VERNON____GT3 24163 | 107.95 5.76 -40.72 N | 99.52 2.69 -69.03 N | 146.15 1.01 -133.79 N | 101.36 2.37 -71.80 N | 102.46 1.56 -82.32 N | 71.21 2.75 -38.51 N | 152.68 3.43 -113.19 N | 114.12 4.30 -65.84 N | 145.29 2.00 -123.54 N | 144.25 2.38 -119.13 N | 217.86 0.37 -214.34 N | 115.00 2.36 -89.95 N | 105.01 2.65 -77.19 N | 74.35 3.39 -40.26 N | 56.65 3.25 -24.97 N | 54.29 4.47 -11.38 N | 99.43 4.91 -49.32 N | 150.84 6.81 -75.14 N | 323.90 23.37 -24.19 N | 240.99 17.31 -18.79 N | 142.54 4.82 -82.86 N | 118.90 3.59 -78.72 N | 117.34 3.26 -80.97 N | 110.23 4.66 -55.66 N | |
| NYPA__ASTORIA_CC1 323568 | 100.39 5.68 -33.24 N | 96.41 2.65 -65.96 N | 128.61 1.00 -116.27 N | 99.66 2.34 -70.13 N | 102.44 1.55 -82.32 N | 71.19 2.73 -38.51 N | 117.48 3.41 -78.01 N | 65.53 4.27 -17.28 N | 104.81 1.99 -83.08 N | 111.11 2.36 -86.01 N | 216.17 0.37 -212.65 N | 114.98 2.34 -89.95 N | 104.98 2.62 -77.19 N | 74.31 3.36 -40.26 N | 56.62 3.22 -24.97 N | 50.29 4.43 -7.42 N | 50.07 4.87 0.00 N | 75.61 6.72 0.00 N | 299.19 22.85 0.00 N | 221.91 17.03 0.00 N | 59.60 4.74 0.00 N | 58.24 3.54 -18.10 N | 63.29 3.23 -26.95 N | 56.32 4.62 -1.80 N | |
| NYPA__ASTORIA_CC2 | 100.39 | 96.41 | 128.61 | 99.66 | 102.44 | 71.19 | 117.48 | 65.53 | 104.81 | 111.11 | 216.17 | 114.98 | 104.98 | 74.31 | 56.62 | 50.29 | 50.07 | 75.61 | 299.19 | 221.91 | 59.60 | 58.24 | 63.29 | 56.32 | |

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| 323569 | 5.68 -33.24 N | 2.65 -65.96 N | 1.00 -116.27 N | 2.34 -70.13 N | 1.55 -82.32 N | 2.73 -38.51 N | 3.41 -78.01 N | 4.27 -17.28 N | 1.99 -83.08 N | 2.36 -86.01 N | 0.37 -212.65 N | 2.34 -89.95 N | 2.62 -77.19 N | 3.36 -40.26 N | 3.22 -24.97 N | 4.43 -7.42 N | 4.87 0.00 N | 6.72 0.00 N | 22.85 0.00 N | 17.03 0.00 N | 4.74 0.00 N | 3.54 -18.10 N | 3.23 -26.95 N | 4.62 -1.80 N |
| NYPA___HOLTSVILL 23794 | 146.98 6.20 -79.32 N | 220.31 2.90 -189.61 N | 190.47 1.04 -178.09 N | 138.05 2.46 -108.39 N | 108.25 1.71 -87.97 N | 91.93 3.13 -58.86 N | 183.56 3.72 -143.78 N | 489.31 4.38 -440.95 N | 281.59 1.95 -259.90 N | 239.18 2.48 -213.96 N | 331.01 0.32 -327.53 N | 114.62 1.97 -89.96 N | 104.60 2.23 -77.19 N | 84.40 3.38 -50.32 N | 164.04 3.17 -132.44 N | 64.47 4.57 -21.45 N | 49.96 4.76 0.00 N | 75.10 6.21 0.00 N | 297.18 20.84 0.00 N | 221.50 16.61 0.00 N | 74.71 4.25 -15.61 N | 71.28 3.47 -31.22 N | 119.32 3.38 -82.83 N | 149.93 5.00 -95.02 N |
| NYPA___HELLGATE_GT1 24158 | 100.52 5.81 -33.24 N | 96.47 2.71 -65.96 N | 128.64 1.03 -116.27 N | 99.73 2.41 -70.13 N | 102.46 1.57 -82.32 N | 71.22 2.76 -38.51 N | 117.47 3.40 -78.01 N | 65.49 4.23 -17.28 N | 104.78 1.95 -83.08 N | 111.07 2.31 -86.01 N | 216.20 0.40 -212.65 N | 114.87 2.23 -89.95 N | 104.88 2.52 -77.19 N | 74.18 3.23 -40.26 N | 56.48 3.08 -24.97 N | 50.14 4.27 -7.42 N | 49.92 4.72 0.00 N | 75.33 6.44 0.00 N | 297.98 21.64 0.00 N | 221.34 16.46 0.00 N | 59.48 4.62 0.00 N | 58.15 3.46 -18.10 N | 63.36 3.29 -26.95 N | 56.43 4.72 -1.80 N |
| NYPA___HELLGATE_GT2 24159 | 100.52 5.81 -33.24 N | 96.47 2.71 -65.96 N | 128.64 1.03 -116.27 N | 99.73 2.41 -70.13 N | 102.46 1.57 -82.32 N | 71.22 2.76 -38.51 N | 117.47 3.40 -78.01 N | 65.49 4.23 -17.28 N | 104.78 1.95 -83.08 N | 111.07 2.31 -86.01 N | 216.20 0.40 -212.65 N | 114.87 2.23 -89.95 N | 104.88 2.52 -77.19 N | 74.18 3.23 -40.26 N | 56.48 3.08 -24.97 N | 50.14 4.27 -7.42 N | 49.92 4.72 0.00 N | 75.33 6.44 0.00 N | 297.98 21.64 0.00 N | 221.34 16.46 0.00 N | 59.48 4.62 0.00 N | 58.15 3.46 -18.10 N | 63.36 3.29 -26.95 N | 56.43 4.72 -1.80 N |
| NYS_BARGE___HYD 23848 | 62.19 -4.24 -4.97 N | 36.14 -1.53 -9.86 N | 27.99 -0.73 -17.39 N | 35.79 -1.89 -10.48 N | 29.80 -1.07 -12.31 N | 33.34 -2.37 -5.76 N | 43.24 -4.48 -11.66 N | 33.25 -6.73 4.00 N | 29.37 -2.78 -12.86 N | 32.63 -2.98 -31.80 N | 34.72 -0.24 -31.80 N | 34.22 -1.91 -13.45 N | 34.92 -1.79 -11.53 N | 34.25 -2.47 -6.02 N | 29.70 -2.47 -3.73 N | 36.10 -3.45 -1.11 N | 40.27 -4.93 0.00 N | 59.84 -9.05 0.00 N | 243.91 -32.44 0.00 N | 182.39 -22.49 0.00 N | 48.49 -6.37 0.00 N | 35.42 -3.89 -2.71 N | 33.73 -3.43 -4.04 N | 45.03 -5.14 -0.27 N |
| O.H._GEN_BRUCE 24063 | 31.72 -6.23 28.61 N | 37.02 -1.73 -10.95 N | 29.84 -0.80 -19.30 N | 36.82 -2.01 -11.64 N | 31.02 -1.21 -13.66 N | 34.03 -2.31 -6.39 N | 45.02 -3.98 -12.95 N | 34.86 -6.12 3.00 N | 31.01 -2.53 -13.80 N | 36.17 -2.36 -17.98 N | 41.11 -1.95 -17.29 N | 35.83 -1.82 -14.96 N | 36.25 -1.76 -12.83 N | 35.07 -2.32 -6.69 N | 30.24 -2.33 -4.15 N | 36.48 -3.21 -1.23 N | 72.04 -5.61 -27.13 N | 60.56 -8.33 0.00 N | 246.19 -30.16 0.00 N | 184.03 -20.85 0.00 N | 48.94 -5.92 0.00 N | 39.35 -4.29 3.02 N | 34.35 -3.24 -4.48 N | 45.19 -5.01 -0.30 N |
| OAK ORCHARD___HYD 24046 | 63.09 -2.46 -4.09 N | 34.99 -0.92 -8.11 N | 25.21 -0.43 -14.29 N | 34.70 -1.12 -8.62 N | 28.09 -0.60 -10.12 N | 33.56 -1.12 -4.73 N | 43.66 -1.99 -9.59 N | 43.81 -3.05 -2.88 N | 28.72 -1.21 -10.19 N | 32.05 -1.26 -10.57 N | 29.19 -0.08 -26.12 N | 33.02 -0.71 -11.05 N | 34.01 -0.64 -9.48 N | 34.72 -0.92 -4.95 N | 30.59 -0.91 -3.07 N | 38.01 -1.35 -0.91 N | 43.10 -2.10 0.00 N | 65.16 -3.73 0.00 N | 263.82 -12.53 0.00 N | 196.66 -8.23 0.00 N | 52.30 -2.56 0.00 N | 37.22 -1.60 -2.23 N | 34.83 -1.60 -3.32 N | 47.37 -2.76 -0.22 N |
| OCC_CHEM___DRP 24175 | 61.71 -4.88 -5.12 N | 36.15 -1.81 -10.17 N | 28.40 -0.86 -17.92 N | 35.81 -2.19 -10.81 N | 29.98 -1.29 -12.69 N | 33.22 -2.67 -5.94 N | 43.26 -4.83 -12.02 N | 32.96 -7.25 3.77 N | 29.59 -2.99 -12.83 N | 32.83 -3.22 -13.31 N | 35.78 -0.27 -32.90 N | 34.45 -2.14 -13.91 N | 35.05 -2.06 -11.93 N | 34.14 -2.78 -6.23 N | 29.52 -2.77 -3.85 N | 35.76 -3.83 -1.15 N | 39.82 -5.37 0.00 N | 59.19 -9.70 0.00 N | 240.89 -35.45 0.00 N | 180.03 -24.85 0.00 N | 47.89 -6.97 0.00 N | 35.12 -4.26 -2.79 N | 33.53 -3.75 -4.16 N | 44.48 -5.70 -0.28 N |
| OLIN_CORP_DRP 24177 | 61.71 -4.88 -5.12 N | 36.15 -1.81 -10.17 N | 28.40 -0.86 -17.92 N | 35.81 -2.19 -10.81 N | 29.98 -1.29 -12.69 N | 33.22 -2.67 -5.94 N | 43.26 -4.83 -12.02 N | 32.96 -7.25 3.77 N | 29.59 -2.99 -12.83 N | 32.83 -3.22 -13.31 N | 35.78 -0.27 -32.90 N | 34.45 -2.14 -13.91 N | 35.05 -2.06 -11.93 N | 34.14 -2.78 -6.23 N | 29.52 -2.77 -3.85 N | 35.76 -3.83 -1.15 N | 39.82 -5.37 0.00 N | 59.19 -9.70 0.00 N | 240.89 -35.45 0.00 N | 180.03 -24.85 0.00 N | 47.89 -6.97 0.00 N | 35.12 -4.26 -2.79 N | 33.53 -3.75 -4.16 N | 44.48 -5.70 -0.28 N |
| ONEIDA_HERK_LFGE 323681 | 62.60 1.14 0.00 N | 28.36 0.55 0.00 N | 11.56 0.22 0.00 N | 27.70 0.51 0.00 N | 18.95 0.38 0.00 N | 30.58 0.63 0.00 N | 36.96 0.90 0.00 N | 45.04 1.06 0.00 N | 20.23 0.49 0.00 N | 23.32 0.57 0.00 N | 3.24 0.08 0.00 N | 23.32 0.63 0.00 N | 25.88 0.70 0.00 N | 31.52 0.83 0.00 N | 29.17 0.74 0.00 N | 39.42 0.96 0.00 N | 46.28 1.08 0.00 N | 70.70 1.81 0.00 N | 284.45 8.10 0.00 N | 210.58 5.70 0.00 N | 56.27 1.41 0.00 N | 37.54 0.95 0.00 N | 33.92 0.81 0.00 N | 51.00 1.10 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 63.86 -0.81 -3.21 N | 33.90 -0.27 -6.37 N | 22.46 -0.11 -11.23 N | 33.62 -0.34 -6.77 N | 26.35 -0.17 -7.95 N | 33.44 -0.23 -3.72 N | 43.27 -0.32 -7.53 N | 45.10 -0.52 -1.64 N | 26.91 -0.19 -7.35 N | 30.19 -0.18 -7.62 N | 21.98 -0.01 -18.84 N | 30.62 -0.04 -7.96 N | 31.98 -0.05 -6.85 N | 34.54 -0.04 -3.89 N | 30.81 -0.03 -2.41 N | 39.08 -0.09 -0.72 N | 44.88 -0.31 0.00 N | 68.33 -0.56 0.00 N | 274.64 -1.71 0.00 N | 203.99 -0.90 0.00 N | 54.47 -0.39 0.00 N | 38.13 -0.22 -1.75 N | 35.42 -0.30 -2.60 N | 49.38 -0.70 -0.17 N |
| ONONDAGA___COGEN 23986 | 63.79 -1.02 -3.34 N | 34.12 -0.30 -6.62 N | 22.89 -0.12 -11.67 N | 33.87 -0.37 -7.04 N | 26.66 -0.17 -8.27 N | 33.58 -0.24 -3.87 N | 43.55 -0.34 -7.83 N | 45.24 -0.57 -1.83 N | 27.65 -0.21 -8.12 N | 30.95 -0.20 -8.41 N | 23.93 -0.02 -20.79 N | 31.42 -0.06 -8.79 N | 32.66 -0.06 -7.55 N | 34.62 -0.11 -4.04 N | 30.82 -0.12 -2.51 N | 38.97 -0.22 -0.74 N | 44.76 -0.44 0.00 N | 68.13 -0.76 0.00 N | 273.95 -2.39 0.00 N | 203.46 -1.43 0.00 N | 54.32 -0.54 0.00 N | 38.09 -0.32 -1.82 N | 35.43 -0.40 -2.71 N | 49.25 -0.84 -0.18 N |
| ONTARIO___LFGE 23819 | 65.49 -0.75 -4.77 N | 37.12 -0.15 -9.47 N | 27.95 -0.08 -16.69 N | 36.96 -0.30 -10.07 N | 30.31 -0.08 -11.82 N | 35.37 -0.11 -5.53 N | 46.87 -0.39 -11.20 N | 45.75 -0.95 -2.71 N | 31.37 -0.29 -11.91 N | 34.90 -0.20 -12.36 N | 33.81 0.09 -30.56 N | 35.73 0.12 -12.92 N | 36.50 0.24 -11.09 N | 36.69 0.21 -5.79 N | 32.12 0.10 -3.59 N | 39.64 0.12 -1.07 N | 44.86 -0.34 0.00 N | 67.98 -0.91 0.00 N | 274.73 -1.62 0.00 N | 204.71 -0.17 0.00 N | 54.50 -0.36 0.00 N | 38.98 -0.22 -2.61 N | 36.68 -0.32 -3.88 N | 49.40 -0.77 -0.26 N |
| OSWEGATCHIE___HYD 24044 | 60.80 -0.66 0.00 N | 27.63 -0.17 0.00 N | 11.26 -0.08 0.00 N | 27.12 -0.07 0.00 N | 18.50 -0.06 0.00 N | 29.55 -0.40 0.00 N | 35.74 -0.32 0.00 N | 43.53 -0.45 0.00 N | 19.57 -0.18 0.00 N | 22.56 -0.19 0.00 N | 3.12 -0.03 0.00 N | 22.45 -0.24 0.00 N | 24.92 -0.26 0.00 N | 30.33 -0.36 0.00 N | 28.04 -0.39 0.00 N | 37.87 -0.58 0.00 N | 44.48 -0.72 0.00 N | 68.29 -0.60 0.00 N | 275.62 -0.72 0.00 N | 201.84 -3.05 0.00 N | 54.13 -0.73 0.00 N | 36.27 -0.32 0.00 N | 33.08 -0.04 0.00 N | 50.22 0.31 0.00 N |

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| OSWEGO___5 23606 | 61.85 -1.97 -2.35 N | 31.67 -0.80 -4.67 N | 19.24 -0.33 -8.22 N | 31.30 -0.85 -4.96 N | 23.87 -0.52 -5.82 N | 31.82 -0.86 -2.72 N | 40.44 -1.14 -5.52 N | 43.69 -1.52 -1.23 N | 24.95 -0.64 -5.85 N | 28.10 -0.70 -6.06 N | 18.05 -0.09 -14.98 N | 28.46 -0.56 -6.34 N | 30.01 -0.60 -5.43 N | 32.77 -0.77 -2.85 N | 29.48 -0.72 -1.76 N | 37.94 -1.03 -0.52 N | 43.82 -1.38 0.00 N | 66.64 -2.25 0.00 N | 267.67 -8.67 0.00 N | 198.77 -6.12 0.00 N | 53.11 -1.74 0.00 N | 36.78 -1.10 -1.28 N | 33.98 -1.05 -1.91 N | 48.30 -1.74 -0.13 N |
| OSWEGO___6 23613 | 61.85 -1.97 -2.35 N | 31.67 -0.80 -4.67 N | 19.24 -0.33 -8.22 N | 31.30 -0.85 -4.96 N | 23.87 -0.52 -5.82 N | 31.82 -0.86 -2.72 N | 40.44 -1.14 -5.52 N | 43.69 -1.52 -1.23 N | 24.95 -0.64 -5.85 N | 28.10 -0.70 -6.06 N | 18.05 -0.09 -14.98 N | 28.46 -0.56 -6.34 N | 30.01 -0.60 -5.43 N | 32.77 -0.77 -2.85 N | 29.48 -0.72 -1.76 N | 37.94 -1.03 -0.52 N | 43.82 -1.38 0.00 N | 66.64 -2.25 0.00 N | 267.67 -8.67 0.00 N | 198.77 -6.12 0.00 N | 53.11 -1.74 0.00 N | 36.78 -1.10 -1.28 N | 33.98 -1.05 -1.91 N | 48.30 -1.74 -0.13 N |
| OUTOKUMPU-AB___DRP 24206 | 62.95 -3.71 -5.19 N | 36.80 -1.29 -10.29 N | 28.85 -0.64 -18.14 N | 36.48 -1.65 -10.94 N | 30.47 -0.94 -12.85 N | 33.85 -2.11 -6.01 N | 44.14 -4.09 -12.17 N | 33.85 -6.42 3.72 N | 30.04 -2.67 -12.97 N | 33.35 -2.84 -13.45 N | 36.21 -0.20 -33.25 N | 35.00 -1.74 -14.06 N | 35.63 -1.60 -12.06 N | 34.78 -2.21 -6.29 N | 30.11 -2.22 -3.90 N | 36.49 -3.11 -1.16 N | 40.52 -4.68 0.00 N | 60.26 -8.63 0.00 N | 245.51 -30.84 0.00 N | 183.65 -21.24 0.00 N | 48.80 -6.05 0.00 N | 35.77 -3.66 -2.83 N | 34.31 -3.02 -4.21 N | 45.66 -4.52 -0.28 N |
| OXBOW___ 24026 | 62.48 -4.14 -5.16 N | 36.54 -1.49 -10.23 N | 28.65 -0.73 -18.04 N | 36.18 -1.89 -10.88 N | 30.21 -1.13 -12.77 N | 33.45 -2.47 -5.97 N | 43.64 -4.52 -12.10 N | 33.33 -6.91 3.74 N | 29.79 -2.86 -12.90 N | 33.06 -3.07 -13.38 N | 36.00 -0.24 -33.08 N | 34.69 -1.98 -13.99 N | 35.30 -1.87 -12.00 N | 34.41 -2.54 -6.26 N | 29.76 -2.55 -3.88 N | 36.06 -3.54 -1.15 N | 40.09 -5.11 0.00 N | 59.64 -9.25 0.00 N | 242.85 -33.50 0.00 N | 181.58 -23.31 0.00 N | 48.27 -6.59 0.00 N | 35.41 -4.00 -2.81 N | 34.01 -3.29 -4.19 N | 45.23 -4.96 -0.28 N |
| OXY_CHEM_DSASP 323612 | 61.71 -4.88 -5.12 N | 36.15 -1.81 -10.17 N | 28.40 -0.86 -17.92 N | 35.81 -2.19 -10.81 N | 29.98 -1.29 -12.69 N | 33.22 -2.67 -5.94 N | 43.26 -4.83 -12.02 N | 32.96 -7.25 3.77 N | 29.59 -2.99 -12.83 N | 32.83 -3.22 -13.31 N | 35.78 -0.27 -32.90 N | 34.45 -2.14 -13.91 N | 35.05 -2.06 -11.93 N | 34.14 -2.78 -6.23 N | 29.52 -2.77 -3.85 N | 35.76 -3.83 -1.15 N | 39.82 -5.37 0.00 N | 59.19 -9.70 0.00 N | 240.89 -35.45 0.00 N | 180.03 -24.85 0.00 N | 47.89 -6.97 0.00 N | 35.12 -4.26 -2.79 N | 33.53 -3.75 -4.16 N | 44.48 -5.70 -0.28 N |
| PEEKSKILL___ 23653 | 99.38 4.90 -33.01 N | 95.58 2.27 -65.50 N | 127.67 0.86 -115.47 N | 98.85 2.02 -69.64 N | 101.68 1.35 -81.75 N | 70.56 2.36 -38.24 N | 116.44 2.91 -77.47 N | 64.72 3.59 -17.15 N | 103.85 1.66 -82.44 N | 110.14 1.98 -85.41 N | 214.63 0.29 -211.18 N | 114.02 2.00 -89.33 N | 104.08 2.25 -76.66 N | 73.56 2.88 -39.99 N | 55.95 2.73 -24.79 N | 49.58 3.77 -7.36 N | 49.36 4.17 0.00 N | 74.76 5.87 0.00 N | 296.96 20.62 0.00 N | 220.30 15.41 0.00 N | 59.06 4.20 0.00 N | 57.72 3.15 -17.98 N | 62.73 2.84 -26.77 N | 55.72 4.02 -1.79 N |
| PGE MADISON___WINDPWR 24146 | 75.77 4.50 -9.81 N | 49.54 2.27 -19.47 N | 46.58 0.92 -34.32 N | 49.84 1.95 -20.70 N | 44.34 1.47 -24.30 N | 43.83 2.52 -11.37 N | 62.19 3.11 -23.02 N | 52.23 3.51 -4.74 N | 45.89 1.46 -24.68 N | 49.96 1.67 -25.55 N | 66.60 0.28 -63.16 N | 51.20 1.81 -26.71 N | 50.01 1.93 -22.91 N | 44.89 2.34 -11.87 N | 37.97 2.18 -7.36 N | 43.52 2.88 -2.19 N | 48.63 3.43 0.00 N | 75.09 6.20 0.00 N | 302.59 26.25 0.00 N | 225.16 20.27 0.00 N | 59.82 4.96 0.00 N | 45.18 3.25 -5.34 N | 43.75 2.68 -7.95 N | 54.39 3.96 -0.53 N |
| PIERCEFIELD___HYD 23852 | 60.10 -1.36 0.00 N | 27.38 -0.42 0.00 N | 11.15 -0.19 0.00 N | 26.97 -0.22 0.00 N | 18.35 -0.22 0.00 N | 29.03 -0.91 0.00 N | 35.31 -0.75 0.00 N | 42.91 -1.07 0.00 N | 19.29 -0.45 0.00 N | 22.21 -0.54 0.00 N | 3.06 -0.09 0.00 N | 22.03 -0.66 0.00 N | 24.46 -0.72 0.00 N | 29.82 -0.87 0.00 N | 27.57 -0.86 0.00 N | 37.24 -1.21 0.00 N | 43.80 -1.40 0.00 N | 67.23 -1.66 0.00 N | 271.31 -5.04 0.00 N | 197.33 -7.55 0.00 N | 53.18 -1.68 0.00 N | 35.75 -0.84 0.00 N | 32.70 -0.41 0.00 N | 50.10 0.20 0.00 N |
| PINELAWN_CC_1 323563 | 147.14 6.36 -79.32 N | 220.39 2.97 -189.61 N | 190.49 1.06 -178.09 N | 138.09 2.50 -108.39 N | 108.26 1.72 -87.97 N | 91.81 3.00 -58.86 N | 183.26 3.43 -143.78 N | 489.05 4.12 -440.95 N | 281.53 1.89 -259.90 N | 238.98 2.28 -213.96 N | 331.01 0.33 -327.53 N | 114.66 2.01 -89.96 N | 104.61 2.25 -77.19 N | 84.23 3.21 -50.32 N | 163.88 3.01 -132.44 N | 64.13 4.24 -21.45 N | 49.68 4.48 0.00 N | 75.13 6.24 0.00 N | 297.86 21.52 0.00 N | 221.68 16.80 0.00 N | 74.78 4.31 -15.61 N | 71.22 3.40 -31.22 N | 119.27 3.32 -82.83 N | 150.11 5.18 -95.02 N |
| PJM_GEN_KEystone 24065 | 44.35 -3.09 17.81 N | 50.71 -0.71 -23.62 N | 52.64 -0.34 -41.64 N | 51.44 -0.87 -25.12 N | 47.54 -0.52 -29.48 N | 42.84 -0.90 -13.79 N | 62.26 -1.74 -27.94 N | 43.59 -3.08 -2.69 N | 48.31 -1.20 -29.77 N | 52.44 -1.16 -30.85 N | 79.51 0.07 -76.29 N | 54.26 -0.70 -32.27 N | 52.26 -0.60 -27.68 N | 44.35 -0.77 -14.43 N | 36.48 -0.90 -8.94 N | 37.01 -1.20 1.89 N | 43.39 -2.01 0.00 N | 41.25 -3.31 7.51 N | 50.00 -4.92 34.37 N | 194.44 -10.44 0.00 N | 53.95 -3.08 -3.13 N | 39.40 -1.78 -2.71 N | 41.30 -1.47 -9.66 N | 48.23 -2.32 -0.65 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 113.44 6.23 -41.97 N | 220.10 2.69 -189.61 N | 190.39 0.96 -178.09 N | 137.86 2.28 -108.39 N | 108.11 1.57 -87.97 N | 91.59 2.78 -58.86 N | 183.21 3.38 -143.78 N | 489.05 4.12 -440.95 N | 281.55 1.91 -259.90 N | 183.41 1.89 -162.72 N | 339.61 0.15 -338.31 N | 114.72 2.07 -89.96 N | 104.70 2.33 -77.19 N | 84.26 3.24 -50.32 N | 163.91 3.04 -132.44 N | 61.48 4.48 -16.90 N | 49.95 4.55 0.00 N | 75.24 6.35 0.00 N | 298.21 21.86 0.00 N | 221.85 16.96 0.00 N | 61.35 4.32 -3.13 N | 107.62 3.62 -65.61 N | 119.21 3.26 -82.83 N | 149.60 4.66 -95.02 N |
| PJM_GEN_VFT_PROXY 323633 | 67.61 5.32 1.25 N | 96.12 2.37 -65.95 N | 128.48 0.88 -116.26 N | 99.42 2.10 -70.13 N | 102.29 1.41 -82.32 N | 70.92 2.46 -38.51 N | 117.20 3.14 -78.01 N | 65.17 3.92 -17.27 N | 104.58 1.83 -83.01 N | 115.05 1.80 -94.43 N | 221.22 0.19 -219.23 N | 114.80 2.16 -89.95 N | 104.77 2.41 -77.18 N | 74.05 3.10 -40.26 N | 56.37 2.98 -24.96 N | 47.31 4.34 -2.87 N | 49.93 4.53 0.00 N | 75.24 6.35 0.00 N | 297.99 21.64 0.00 N | 220.83 15.94 0.00 N | 61.43 4.40 -3.13 N | 55.17 3.40 -13.38 N | 63.03 2.96 -26.95 N | 55.88 4.18 -1.80 N |
| PLEASANTVLY___LBMP 24000 | 100.74 4.76 -34.51 N | 98.46 2.18 -68.47 N | 132.89 0.84 -120.71 N | 101.96 1.96 -72.81 N | 105.36 1.32 -85.46 N | 72.20 2.28 -39.98 N | 119.82 2.77 -80.99 N | 65.33 3.42 -17.94 N | 107.51 1.58 -86.19 N | 113.92 1.88 -89.30 N | 224.23 0.29 -220.78 N | 117.99 1.92 -93.39 N | 107.46 2.15 -80.13 N | 75.23 2.73 -41.80 N | 56.92 2.58 -25.91 N | 49.69 3.54 -7.70 N | 49.13 3.93 0.00 N | 74.39 5.50 0.00 N | 296.00 19.66 0.00 N | 219.78 14.90 0.00 N | 58.91 4.05 0.00 N | 58.40 3.01 -18.79 N | 63.82 2.72 -27.99 N | 55.67 3.89 -1.87 N |
| POLETTI___ 23519 | 100.14 5.43 -33.24 N | 96.31 2.56 -65.95 N | 128.56 0.96 -116.26 N | 99.56 2.24 -70.13 N | 102.37 1.49 -82.32 N | 71.05 2.59 -38.51 N | 117.32 3.24 -78.01 N | 65.31 4.06 -17.27 N | 104.65 1.89 -83.01 N | 111.00 2.25 -86.00 N | 216.13 0.33 -212.64 N | 114.89 2.25 -89.95 N | 104.87 2.52 -77.18 N | 74.19 3.23 -40.26 N | 56.48 3.09 -24.96 N | 50.10 4.24 -7.42 N | 49.84 4.64 0.00 N | 75.39 6.50 0.00 N | 298.49 22.14 0.00 N | 221.23 16.34 0.00 N | 59.40 4.54 0.00 N | 58.09 3.40 -18.10 N | 63.14 3.08 -26.95 N | 56.07 4.36 -1.80 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 24245 | 5.47 -33.24 N | 2.56 -65.96 N | 0.96 -116.27 N | 2.24 -70.13 N | 1.49 -82.32 N | 2.60 -38.51 N | 3.25 -78.01 N | 4.06 -17.27 N | 1.89 -83.01 N | 2.25 -86.01 N | 0.33 -212.65 N | 2.25 -89.95 N | 2.52 -77.18 N | 3.24 -40.26 N | 3.09 -24.96 N | 4.25 -7.42 N | 4.69 0.00 N | 6.59 0.00 N | 22.72 0.00 N | 16.79 0.00 N | 4.64 0.00 N | 3.45 -18.10 N | 3.13 -26.95 N | 4.44 -1.80 N |
| RAVENSWOOD_GT2_3 24246 | 100.24 5.53 -33.24 N | 96.33 2.57 -65.96 N | 128.58 0.97 -116.27 N | 99.58 2.27 -70.13 N | 102.40 1.50 -82.32 N | 71.08 2.63 -38.51 N | 117.35 3.28 -78.01 N | 65.35 4.10 -17.27 N | 104.67 1.91 -83.01 N | 111.02 2.27 -86.01 N | 216.14 0.34 -212.65 N | 114.91 2.27 -89.95 N | 104.90 2.54 -77.18 N | 74.22 3.27 -40.26 N | 56.51 3.11 -24.96 N | 50.15 4.29 -7.42 N | 49.93 4.73 0.00 N | 75.55 6.66 0.00 N | 299.30 22.96 0.00 N | 221.88 16.99 0.00 N | 59.55 4.70 0.00 N | 58.18 3.48 -18.10 N | 63.23 3.16 -26.95 N | 56.18 4.48 -1.80 N |
| RAVENSWOOD_GT2_4 24247 | 100.24 5.53 -33.24 N | 96.33 2.57 -65.96 N | 128.58 0.97 -116.27 N | 99.58 2.27 -70.13 N | 102.40 1.50 -82.32 N | 71.08 2.63 -38.51 N | 117.35 3.28 -78.01 N | 65.35 4.10 -17.27 N | 104.67 1.91 -83.01 N | 111.02 2.27 -86.01 N | 216.14 0.34 -212.65 N | 114.91 2.27 -89.95 N | 104.90 2.54 -77.18 N | 74.22 3.27 -40.26 N | 56.51 3.11 -24.96 N | 50.15 4.29 -7.42 N | 49.93 4.73 0.00 N | 75.55 6.66 0.00 N | 299.30 22.96 0.00 N | 221.88 16.99 0.00 N | 59.55 4.70 0.00 N | 58.18 3.48 -18.10 N | 63.23 3.16 -26.95 N | 56.18 4.48 -1.80 N |
| RAVENSWOOD_GT3_1 24248 | 100.19 5.48 -33.24 N | 96.32 2.56 -65.96 N | 128.57 0.96 -116.27 N | 99.57 2.25 -70.13 N | 102.38 1.49 -82.32 N | 71.07 2.61 -38.51 N | 117.33 3.26 -78.01 N | 65.32 4.07 -17.27 N | 104.65 1.89 -83.01 N | 111.01 2.25 -86.01 N | 216.13 0.33 -212.65 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.49 3.09 -24.96 N | 50.13 4.26 -7.42 N | 49.89 4.69 0.00 N | 75.49 6.61 0.00 N | 299.11 22.76 0.00 N | 221.72 16.83 0.00 N | 59.51 4.65 0.00 N | 58.15 3.46 -18.10 N | 63.21 3.14 -26.95 N | 56.14 4.44 -1.80 N |
| RAVENSWOOD_GT3_2 24249 | 100.19 5.48 -33.24 N | 96.32 2.56 -65.96 N | 128.57 0.96 -116.27 N | 99.57 2.25 -70.13 N | 102.38 1.49 -82.32 N | 71.07 2.61 -38.51 N | 117.33 3.26 -78.01 N | 65.32 4.07 -17.27 N | 104.65 1.89 -83.01 N | 111.01 2.25 -86.01 N | 216.13 0.33 -212.65 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.49 3.09 -24.96 N | 50.13 4.26 -7.42 N | 49.89 4.69 0.00 N | 75.49 6.61 0.00 N | 299.11 22.76 0.00 N | 221.72 16.83 0.00 N | 59.51 4.65 0.00 N | 58.15 3.46 -18.10 N | 63.21 3.14 -26.95 N | 56.14 4.44 -1.80 N |
| RAVENSWOOD_GT3_3 24250 | 100.26 5.55 -33.24 N | 96.35 2.59 -65.96 N | 128.58 0.97 -116.27 N | 99.59 2.28 -70.13 N | 102.40 1.51 -82.32 N | 71.10 2.64 -38.51 N | 117.37 3.30 -78.01 N | 65.38 4.13 -17.27 N | 104.68 1.92 -83.01 N | 111.04 2.29 -86.01 N | 216.14 0.34 -212.65 N | 114.93 2.29 -89.95 N | 104.92 2.56 -77.18 N | 74.24 3.29 -40.26 N | 56.53 3.13 -24.96 N | 50.18 4.32 -7.42 N | 49.96 4.76 0.00 N | 75.58 6.69 0.00 N | 299.46 23.11 0.00 N | 222.04 17.15 0.00 N | 59.59 4.73 0.00 N | 58.21 3.52 -18.10 N | 63.25 3.18 -26.95 N | 56.22 4.51 -1.80 N |
| RAVENSWOOD_GT3_4 24251 | 100.26 5.55 -33.24 N | 96.35 2.59 -65.96 N | 128.58 0.97 -116.27 N | 99.59 2.28 -70.13 N | 102.40 1.51 -82.32 N | 71.10 2.64 -38.51 N | 117.37 3.30 -78.01 N | 65.38 4.13 -17.27 N | 104.68 1.92 -83.01 N | 111.04 2.29 -86.01 N | 216.14 0.34 -212.65 N | 114.93 2.29 -89.95 N | 104.92 2.56 -77.18 N | 74.24 3.29 -40.26 N | 56.53 3.13 -24.96 N | 50.18 4.32 -7.42 N | 49.96 4.76 0.00 N | 75.58 6.69 0.00 N | 299.46 23.11 0.00 N | 222.04 17.15 0.00 N | 59.59 4.73 0.00 N | 58.21 3.52 -18.10 N | 63.25 3.18 -26.95 N | 56.22 4.51 -1.80 N |
| RAVENSWOOD_GT_1 23729 | 107.95 5.76 -40.72 N | 99.52 2.69 -69.03 N | 146.15 1.01 -133.79 N | 101.36 2.37 -71.80 N | 102.46 1.56 -82.32 N | 71.21 2.75 -38.51 N | 152.68 3.43 -113.19 N | 114.12 4.30 -65.84 N | 145.29 2.00 -123.54 N | 144.25 2.38 -119.13 N | 217.86 0.37 -214.34 N | 115.00 2.36 -89.95 N | 105.01 2.65 -77.19 N | 74.35 3.39 -40.26 N | 56.65 3.25 -24.97 N | 54.29 4.47 -11.38 N | 99.43 4.91 -49.32 N | 150.84 6.81 -75.14 N | 323.90 23.37 -24.19 N | 240.99 17.31 -18.79 N | 142.54 4.82 -82.86 N | 118.90 3.59 -78.72 N | 117.34 3.26 -80.97 N | 110.23 4.66 -55.66 N |
| RAVENSWOOD_GT_10 24258 | 101.04 5.47 -34.11 N | 96.67 2.56 -66.31 N | 130.59 0.96 -118.29 N | 99.76 2.24 -70.32 N | 102.38 1.49 -82.32 N | 71.06 2.60 -38.51 N | 121.38 3.25 -82.07 N | 70.91 4.06 -22.87 N | 109.31 1.89 -87.67 N | 114.82 2.25 -89.83 N | 216.33 0.33 -212.84 N | 114.89 2.23 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.48 3.09 -24.96 N | 50.11 4.25 -7.42 N | 51.29 4.69 -1.40 N | 78.59 6.57 -3.11 N | 300.79 22.76 -1.68 N | 222.66 16.83 -0.94 N | 64.31 4.65 -4.81 N | 64.29 3.45 -24.24 N | 69.43 3.13 -33.19 N | 62.36 4.44 -8.02 N |
| RAVENSWOOD_GT_11 24259 | 101.04 5.47 -34.11 N | 96.67 2.56 -66.31 N | 130.59 0.96 -118.29 N | 99.76 2.24 -70.32 N | 102.38 1.49 -82.32 N | 71.06 2.60 -38.51 N | 121.38 3.25 -82.07 N | 70.91 4.06 -22.87 N | 109.31 1.89 -87.67 N | 114.82 2.25 -89.83 N | 216.33 0.33 -212.84 N | 114.89 2.23 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.48 3.09 -24.96 N | 50.11 4.25 -7.42 N | 51.29 4.69 -1.40 N | 78.59 6.57 -3.11 N | 300.79 22.76 -1.68 N | 222.66 16.83 -0.94 N | 64.31 4.65 -4.81 N | 64.29 3.45 -24.24 N | 69.43 3.13 -33.19 N | 62.36 4.44 -8.02 N |
| RAVENSWOOD_GT_4 24252 | 105.85 5.45 -38.94 N | 98.64 2.53 -68.30 N | 141.91 0.96 -129.61 N | 100.82 2.23 -71.40 N | 102.37 1.48 -82.32 N | 71.04 2.58 -38.51 N | 144.08 3.23 -104.80 N | 102.26 4.03 -54.25 N | 135.39 1.88 -113.77 N | 136.19 2.23 -111.22 N | 217.42 0.33 -213.94 N | 114.87 2.23 -89.95 N | 104.85 2.50 -77.18 N | 74.17 3.21 -40.26 N | 56.45 3.06 -24.96 N | 50.08 4.22 -7.42 N | 59.11 4.65 -9.26 N | 96.00 6.57 -20.54 N | 310.11 22.68 -11.08 N | 227.87 16.77 -6.21 N | 91.21 4.63 -31.72 N | 98.68 3.43 -58.65 N | 104.32 3.11 -68.09 N | 97.13 4.41 -42.82 N |
| RAVENSWOOD_GT_5 24254 | 105.85 5.45 -38.94 N | 98.64 2.53 -68.30 N | 141.91 0.96 -129.61 N | 100.82 2.23 -71.40 N | 102.37 1.48 -82.32 N | 71.04 2.58 -38.51 N | 144.08 3.23 -104.80 N | 102.26 4.03 -54.25 N | 135.39 1.88 -113.77 N | 136.19 2.23 -111.22 N | 217.42 0.33 -213.94 N | 114.87 2.23 -89.95 N | 104.85 2.50 -77.18 N | 74.17 3.21 -40.26 N | 56.45 3.06 -24.96 N | 50.08 4.22 -7.42 N | 59.11 4.65 -9.26 N | 96.00 6.57 -20.54 N | 310.11 22.68 -11.08 N | 227.87 16.77 -6.21 N | 91.21 4.63 -31.72 N | 98.68 3.43 -58.65 N | 104.32 3.11 -68.09 N | 97.13 4.41 -42.82 N |
| RAVENSWOOD_GT_6 24253 | 105.85 5.45 -38.94 N | 98.64 2.53 -68.30 N | 141.91 0.96 -129.61 N | 100.82 2.23 -71.40 N | 102.37 1.48 -82.32 N | 71.04 2.58 -38.51 N | 144.08 3.23 -104.80 N | 102.26 4.03 -54.25 N | 135.39 1.88 -113.77 N | 136.19 2.23 -111.22 N | 217.42 0.33 -213.94 N | 114.87 2.23 -89.95 N | 104.85 2.50 -77.18 N | 74.17 3.21 -40.26 N | 56.45 3.06 -24.96 N | 50.08 4.22 -7.42 N | 59.11 4.65 -9.26 N | 96.00 6.57 -20.54 N | 310.11 22.68 -11.08 N | 227.87 16.77 -6.21 N | 91.21 4.63 -31.72 N | 98.68 3.43 -58.65 N | 104.32 3.11 -68.09 N | 97.13 4.41 -42.82 N |
| RAVENSWOOD_GT_7 24255 | 105.85 5.45 -38.94 N | 98.64 2.53 -68.30 N | 141.91 0.96 -129.61 N | 100.82 2.23 -71.40 N | 102.37 1.48 -82.32 N | 71.04 2.58 -38.51 N | 144.08 3.23 -104.80 N | 102.26 4.03 -54.25 N | 135.39 1.88 -113.77 N | 136.19 2.23 -111.22 N | 217.42 0.33 -213.94 N | 114.87 2.23 -89.95 N | 104.85 2.50 -77.18 N | 74.17 3.21 -40.26 N | 56.45 3.06 -24.96 N | 50.08 4.22 -7.42 N | 59.11 4.65 -9.26 N | 96.00 6.57 -20.54 N | 310.11 22.68 -11.08 N | 227.87 16.77 -6.21 N | 91.21 4.63 -31.72 N | 98.68 3.43 -58.65 N | 104.32 3.11 -68.09 N | 97.13 4.41 -42.82 N |

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|---|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 101.04 5.47 -34.11 N | 96.67 2.56 -66.31 N | 130.59 0.96 -118.29 N | 99.76 2.24 -70.32 N | 102.38 1.49 -82.32 N | 71.06 2.60 -38.51 N | 121.38 3.25 -82.07 N | 70.91 4.06 -22.87 N | 109.31 1.89 -87.67 N | 114.82 2.25 -89.83 N | 216.33 0.33 -212.84 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.48 3.09 -24.96 N | 50.11 4.25 -7.42 N | 51.29 4.69 -1.40 N | 78.59 6.59 -3.11 N | 300.79 22.76 -1.68 N | 222.66 16.83 -0.94 N | 64.31 4.65 -4.81 N | 64.29 3.45 -24.24 N | 69.43 3.13 -33.19 N | 62.36 4.44 -8.02 N |
| RAVENSWOOD_GT_9 24257 | 101.04 5.47 -34.11 N | 96.67 2.56 -66.31 N | 130.59 0.96 -118.29 N | 99.76 2.24 -70.32 N | 102.38 1.49 -82.32 N | 71.06 2.60 -38.51 N | 121.38 3.25 -82.07 N | 70.91 4.06 -22.87 N | 109.31 1.89 -87.67 N | 114.82 2.25 -89.83 N | 216.33 0.33 -212.84 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.48 3.09 -24.96 N | 50.11 4.25 -7.42 N | 51.29 4.69 -1.40 N | 78.59 6.59 -3.11 N | 300.79 22.76 -1.68 N | 222.66 16.83 -0.94 N | 64.31 4.65 -4.81 N | 64.29 3.45 -24.24 N | 69.43 3.13 -33.19 N | 62.36 4.44 -8.02 N |
| RAVENSWOOD___1 23533 | 93.01 5.67 -25.88 N | 93.38 2.65 -62.92 N | 111.34 0.99 -99.01 N | 98.00 2.33 -68.48 N | 102.43 1.54 -82.32 N | 71.18 2.72 -38.51 N | 82.83 3.40 -43.37 N | 17.69 4.26 30.55 N | 64.95 1.98 -43.23 N | 78.50 2.35 -53.40 N | 214.49 0.36 -210.98 N | 114.98 2.34 -89.95 N | 104.98 2.62 -77.19 N | 74.32 3.36 -40.26 N | 56.62 3.22 -24.97 N | 54.25 4.43 -11.38 N | 75.24 4.87 -25.17 N | 97.24 6.75 -21.61 N | 294.74 23.09 4.70 N | 224.57 17.08 -2.60 N | 59.83 4.78 -0.19 N | 13.17 3.56 26.98 N | 10.10 3.23 26.24 N | 3.27 4.60 51.24 N |
| RAVENSWOOD___2 23534 | 93.01 5.67 -25.88 N | 93.38 2.65 -62.92 N | 111.34 0.99 -99.01 N | 98.00 2.33 -68.48 N | 102.43 1.54 -82.32 N | 71.18 2.72 -38.51 N | 82.83 3.40 -43.37 N | 17.69 4.26 30.55 N | 64.95 1.98 -43.23 N | 78.50 2.35 -53.40 N | 214.49 0.36 -210.98 N | 114.98 2.34 -89.95 N | 104.98 2.62 -77.19 N | 74.32 3.36 -40.26 N | 56.62 3.22 -24.97 N | 54.25 4.43 -11.38 N | 75.24 4.87 -25.17 N | 97.24 6.75 -21.61 N | 294.74 23.09 4.70 N | 224.57 17.08 -2.60 N | 59.83 4.78 -0.19 N | 13.17 3.56 26.98 N | 10.10 3.23 26.24 N | 3.27 4.60 51.24 N |
| RAVENSWOOD___3 23535 | 100.20 5.49 -33.24 N | 96.32 2.56 -65.96 N | 128.57 0.96 -116.27 N | 99.57 2.25 -70.13 N | 102.38 1.49 -82.32 N | 71.07 2.61 -38.51 N | 117.33 3.26 -78.01 N | 65.32 4.07 -17.27 N | 104.65 1.89 -83.01 N | 111.01 2.25 -86.01 N | 216.13 0.33 -212.65 N | 114.89 2.25 -89.95 N | 104.88 2.52 -77.18 N | 74.19 3.24 -40.26 N | 56.49 3.10 -24.96 N | 50.13 4.27 -7.42 N | 49.89 4.69 0.00 N | 75.50 6.61 0.00 N | 299.11 22.76 0.00 N | 221.72 16.83 0.00 N | 59.51 4.66 0.00 N | 58.15 3.46 -18.10 N | 63.21 3.14 -26.95 N | 56.14 4.44 -1.80 N |
| RAVENSWOOD___4 23820 | 93.01 5.67 -25.88 N | 93.38 2.65 -62.92 N | 111.34 0.99 -99.01 N | 98.00 2.33 -68.48 N | 102.43 1.54 -82.32 N | 71.18 2.72 -38.51 N | 82.83 3.40 -43.37 N | 17.69 4.26 30.55 N | 64.95 1.98 -43.23 N | 78.50 2.35 -53.40 N | 214.49 0.36 -210.98 N | 114.98 2.34 -89.95 N | 104.98 2.62 -77.19 N | 74.32 3.36 -40.26 N | 56.62 3.22 -24.97 N | 54.25 4.43 -11.38 N | 75.24 4.87 -25.17 N | 97.24 6.75 -21.61 N | 294.74 23.09 4.70 N | 224.57 17.08 -2.60 N | 59.83 4.78 -0.19 N | 13.17 3.56 26.98 N | 10.10 3.23 26.24 N | 3.27 4.60 51.24 N |
| RCPL_TRUST___DRP 24196 | 100.22 5.52 -33.24 N | 96.31 2.56 -65.95 N | 128.56 0.97 -116.26 N | 99.57 2.26 -70.12 N | 102.39 1.50 -82.31 N | 71.08 2.63 -38.51 N | 117.34 3.28 -78.01 N | 65.34 4.09 -17.27 N | 104.65 1.91 -83.00 N | 111.01 2.27 -86.00 N | 216.12 0.33 -212.63 N | 114.91 2.28 -89.94 N | 104.90 2.55 -77.18 N | 74.23 3.28 -40.26 N | 56.51 3.12 -24.96 N | 50.16 4.29 -7.42 N | 49.94 4.74 0.00 N | 75.60 6.71 0.00 N | 299.65 23.30 0.00 N | 222.09 17.20 0.00 N | 59.58 4.73 0.00 N | 58.19 3.50 -18.10 N | 63.24 3.17 -26.95 N | 56.18 4.48 -1.80 N |
| RENSSELAER___COGEN 23796 | 108.06 4.51 -42.09 N | 113.39 2.08 -83.50 N | 159.38 0.84 -147.20 N | 117.94 1.96 -88.79 N | 124.14 1.35 -104.22 N | 80.86 2.16 -48.75 N | 137.22 2.39 -98.77 N | 68.91 2.99 -21.95 N | 126.38 1.34 -105.30 N | 133.42 1.57 -109.10 N | 273.16 0.26 -269.74 N | 138.35 1.67 -114.00 N | 124.71 1.82 -97.71 N | 83.66 2.00 -50.97 N | 61.81 1.78 -31.60 N | 50.22 2.38 -9.39 N | 47.81 2.61 0.00 N | 72.39 3.51 0.00 N | 288.48 12.13 0.00 N | 214.79 9.90 0.00 N | 57.60 2.74 0.00 N | 61.68 2.12 -22.96 N | 69.24 1.95 -34.18 N | 55.25 3.06 -2.28 N |
| REVERE_CPPR_DRP 24186 | 63.77 1.61 -0.69 N | 29.95 0.77 -1.38 N | 14.08 0.31 -2.43 N | 29.35 0.69 -1.46 N | 20.81 0.52 -1.72 N | 31.66 0.91 -0.80 N | 38.89 1.21 -1.63 N | 45.73 1.38 -0.37 N | 22.20 0.65 -1.81 N | 25.39 0.77 -1.87 N | 7.89 0.10 -4.63 N | 25.53 0.88 -1.96 N | 27.84 0.99 -1.67 N | 32.70 1.17 -0.84 N | 30.02 1.07 -0.52 N | 40.03 1.43 -0.15 N | 46.78 1.58 0.00 N | 71.43 2.54 0.00 N | 287.45 11.11 0.00 N | 213.03 8.14 0.00 N | 56.85 1.99 0.00 N | 38.29 1.32 -0.38 N | 34.77 1.09 -0.56 N | 51.40 1.46 -0.04 N |
| RIVERBAY___ 323610 | 100.71 6.00 -33.24 N | 96.52 2.77 -65.96 N | 128.66 1.05 -116.27 N | 99.76 2.44 -70.13 N | 102.48 1.59 -82.32 N | 71.27 2.81 -38.51 N | 117.58 3.51 -78.01 N | 65.71 4.45 -17.28 N | 104.88 2.06 -83.08 N | 111.20 2.45 -86.01 N | 216.21 0.41 -212.65 N | 115.04 2.40 -89.95 N | 105.04 2.68 -77.19 N | 74.39 3.43 -40.26 N | 56.68 3.28 -24.97 N | 50.38 4.51 -7.42 N | 50.18 4.98 0.00 N | 75.75 6.86 0.00 N | 299.81 23.47 0.00 N | 222.61 17.72 0.00 N | 59.82 4.96 0.00 N | 58.38 3.68 -18.10 N | 63.48 3.41 -26.95 N | 56.59 4.88 -1.80 N |
| ROCHESTER_9_IC 23652 | 63.63 -1.89 -4.05 N | 35.35 -0.49 -8.04 N | 25.26 -0.26 -14.17 N | 35.01 -0.73 -8.55 N | 28.27 -0.33 -10.04 N | 33.99 -0.65 -4.70 N | 44.21 -1.36 -9.51 N | 44.63 -2.21 -2.86 N | 29.03 -0.82 -10.11 N | 32.40 -0.82 -10.48 N | 29.03 -0.03 -25.91 N | 33.43 -0.21 -10.96 N | 34.43 -0.14 -9.40 N | 35.25 -0.36 -4.91 N | 31.06 -0.41 -3.05 N | 38.66 -0.69 -0.90 N | 43.86 -1.34 0.00 N | 66.31 -2.58 0.00 N | 267.67 -8.68 0.00 N | 200.27 -4.62 0.00 N | 52.99 -1.86 0.00 N | 37.76 -1.05 -2.21 N | 35.24 -1.17 -3.29 N | 48.00 -2.13 -0.22 N |
| ROSETON___1 23587 | 99.22 4.55 -33.20 N | 95.78 2.11 -65.87 N | 128.27 0.81 -116.12 N | 99.13 1.89 -70.04 N | 102.07 1.28 -82.21 N | 70.60 2.19 -38.46 N | 116.64 2.66 -77.91 N | 64.50 3.27 -17.25 N | 104.16 1.52 -82.90 N | 110.44 1.80 -85.89 N | 215.79 0.28 -212.36 N | 114.36 1.84 -89.83 N | 104.33 2.07 -77.09 N | 73.54 2.64 -40.21 N | 55.84 2.48 -24.93 N | 49.26 3.41 -7.41 N | 48.96 3.76 0.00 N | 74.15 5.26 0.00 N | 295.18 18.83 0.00 N | 219.16 14.27 0.00 N | 58.74 3.88 -18.08 N | 57.56 2.89 -26.92 N | 62.65 2.61 -26.92 N | 55.42 3.71 -1.80 N |
| ROSETON___2 23588 | 99.22 4.55 -33.20 N | 95.78 2.11 -65.87 N | 128.27 0.81 -116.12 N | 99.13 1.89 -70.04 N | 102.07 1.28 -82.21 N | 70.60 2.19 -38.46 N | 116.64 2.66 -77.91 N | 64.50 3.27 -17.25 N | 104.16 1.52 -82.90 N | 110.44 1.80 -85.89 N | 215.79 0.28 -212.36 N | 114.36 1.84 -89.83 N | 104.33 2.07 -77.09 N | 73.54 2.64 -40.21 N | 55.84 2.48 -24.93 N | 49.26 3.41 -7.41 N | 48.96 3.76 0.00 N | 74.15 5.26 0.00 N | 295.18 18.83 0.00 N | 219.16 14.27 0.00 N | 58.74 3.88 -18.08 N | 57.56 2.89 -26.92 N | 62.65 2.61 -26.92 N | 55.42 3.71 -1.80 N |
| RUSSELL___1 23602 | 65.50 -0.02 -4.05 N | 36.00 0.16 -8.04 N | 25.51 0.00 -14.17 N | 35.65 -0.09 -8.55 N | 28.72 0.11 -10.04 N | 34.72 0.08 -4.70 N | 45.11 -0.46 -9.51 N | 45.65 -1.19 -2.86 N | 29.50 -0.35 -10.11 N | 33.02 -0.20 -10.48 N | 29.14 0.07 -25.91 N | 33.97 0.33 -10.96 N | 35.06 0.49 -9.40 N | 36.10 0.50 -4.91 N | 31.89 0.41 -3.05 N | 39.82 0.47 -0.90 N | 45.20 0.00 0.00 N | 68.41 -0.47 0.00 N | 277.56 1.21 0.00 N | 207.23 2.35 0.00 N | 55.01 0.15 0.00 N | 38.98 0.18 -2.21 N | 36.30 -0.11 -3.29 N | 49.44 -0.68 -0.22 N |

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| 24169 | -2.54 -2.06 N | -1.06 -4.09 N | -0.43 -7.20 N | -1.09 -4.34 N | -0.69 -5.10 N | -1.14 -2.39 N | -1.49 -4.83 N | -1.92 -1.17 N | -0.82 -5.13 N | -0.92 -5.31 N | -0.13 -13.13 N | -0.77 -5.55 N | -0.85 -4.76 N | -1.07 -2.50 N | -0.98 -1.55 N | -1.38 -0.46 N | -1.80 0.00 N | -2.89 0.00 N | -11.33 0.00 N | -8.09 0.00 N | -2.26 0.00 N | -1.44 -1.12 N | -1.35 -1.67 N | -2.19 -0.11 N |
| SITHE_IND_GS2 24170 | 60.99 -2.54 -2.06 N | 30.83 -1.06 -4.09 N | 18.11 -0.43 -7.20 N | 30.45 -1.09 -4.34 N | 22.98 -0.69 -5.10 N | 31.19 -1.14 -2.39 N | 39.41 -1.49 -4.83 N | 43.23 -1.92 -1.17 N | 24.05 -0.82 -5.13 N | 27.13 -0.92 -5.31 N | 16.15 -0.13 -13.13 N | 27.47 -0.77 -5.55 N | 29.08 -0.85 -4.76 N | 32.11 -1.07 -2.50 N | 28.99 -0.98 -1.55 N | 37.53 -1.38 -0.46 N | 43.39 -1.80 0.00 N | 66.00 -2.89 0.00 N | 265.01 -11.33 0.00 N | 196.79 -8.09 0.00 N | 52.60 -2.26 0.00 N | 36.28 -1.44 -1.12 N | 33.44 -1.35 -1.67 N | 47.83 -2.19 -0.11 N |
| SITHE_IND_GS3 24171 | 60.99 -2.54 -2.06 N | 30.83 -1.06 -4.09 N | 18.11 -0.43 -7.20 N | 30.45 -1.09 -4.34 N | 22.98 -0.69 -5.10 N | 31.19 -1.14 -2.39 N | 39.41 -1.49 -4.83 N | 43.23 -1.92 -1.17 N | 24.05 -0.82 -5.13 N | 27.13 -0.92 -5.31 N | 16.15 -0.13 -13.13 N | 27.47 -0.77 -5.55 N | 29.08 -0.85 -4.76 N | 32.11 -1.07 -2.50 N | 28.99 -0.98 -1.55 N | 37.53 -1.38 -0.46 N | 43.39 -1.80 0.00 N | 66.00 -2.89 0.00 N | 265.01 -11.33 0.00 N | 196.79 -8.09 0.00 N | 52.60 -2.26 0.00 N | 36.28 -1.44 -1.12 N | 33.44 -1.35 -1.67 N | 47.83 -2.19 -0.11 N |
| SITHE_IND_GS4 24172 | 60.99 -2.54 -2.06 N | 30.83 -1.06 -4.09 N | 18.11 -0.43 -7.20 N | 30.45 -1.09 -4.34 N | 22.98 -0.69 -5.10 N | 31.19 -1.14 -2.39 N | 39.41 -1.49 -4.83 N | 43.23 -1.92 -1.17 N | 24.05 -0.82 -5.13 N | 27.13 -0.92 -5.31 N | 16.15 -0.13 -13.13 N | 27.47 -0.77 -5.55 N | 29.08 -0.85 -4.76 N | 32.11 -1.07 -2.50 N | 28.99 -0.98 -1.55 N | 37.53 -1.38 -0.46 N | 43.39 -1.80 0.00 N | 66.00 -2.89 0.00 N | 265.01 -11.33 0.00 N | 196.79 -8.09 0.00 N | 52.60 -2.26 0.00 N | 36.28 -1.44 -1.12 N | 33.44 -1.35 -1.67 N | 47.83 -2.19 -0.11 N |
| SITHE___BATAVIA 24024 | 63.44 -2.72 -4.70 N | 36.20 -0.91 -9.31 N | 27.28 -0.47 -16.41 N | 35.86 -1.24 -9.90 N | 29.56 -0.64 -11.62 N | 33.90 -1.48 -5.44 N | 44.02 -3.05 -11.01 N | 42.90 -4.73 -3.65 N | 29.56 -1.89 -11.71 N | 32.91 -1.98 -12.14 N | 33.06 -0.12 -30.02 N | 34.33 -1.06 -12.69 N | 35.15 -0.91 -10.89 N | 35.02 -1.35 -5.68 N | 30.54 -1.42 -3.52 N | 37.45 -2.05 -1.05 N | 42.01 -3.19 0.00 N | 62.88 -6.01 0.00 N | 256.10 -20.24 0.00 N | 191.36 -13.53 0.00 N | 50.84 -4.02 0.00 N | 36.72 -2.43 -2.56 N | 34.67 -2.25 -3.81 N | 46.60 -3.56 -0.25 N |
| SITHE___INDEPEND 23800 | 60.99 -2.54 -2.06 N | 30.83 -1.06 -4.09 N | 18.11 -0.43 -7.20 N | 30.45 -1.09 -4.34 N | 22.98 -0.69 -5.10 N | 31.19 -1.14 -2.39 N | 39.41 -1.49 -4.83 N | 43.23 -1.92 -1.17 N | 24.05 -0.82 -5.13 N | 27.13 -0.92 -5.31 N | 16.15 -0.13 -13.13 N | 27.47 -0.77 -5.55 N | 29.08 -0.85 -4.76 N | 32.11 -1.07 -2.50 N | 28.99 -0.98 -1.55 N | 37.53 -1.38 -0.46 N | 43.39 -1.80 0.00 N | 66.00 -2.89 0.00 N | 265.01 -11.33 0.00 N | 196.79 -8.09 0.00 N | 52.60 -2.26 0.00 N | 36.28 -1.44 -1.12 N | 33.44 -1.35 -1.67 N | 47.83 -2.19 -0.11 N |
| SITHE___MASSENA 23902 | 60.39 -1.08 0.00 N | 27.42 -0.38 0.00 N | 11.17 -0.17 0.00 N | 26.97 -0.22 0.00 N | 18.35 -0.22 0.00 N | 29.20 -0.75 0.00 N | 35.43 -0.63 0.00 N | 43.35 -0.63 0.00 N | 19.49 -0.26 0.00 N | 22.45 -0.29 0.00 N | 3.05 -0.11 0.00 N | 22.04 -0.65 0.00 N | 24.47 -0.71 0.00 N | 29.86 -0.84 0.00 N | 27.62 -0.81 0.00 N | 37.38 -1.07 0.00 N | 44.30 -0.90 0.00 N | 67.85 -1.04 0.00 N | 273.45 -2.89 0.00 N | 200.17 -4.71 0.00 N | 53.83 -1.03 0.00 N | 35.88 -0.72 0.00 N | 32.65 -0.46 0.00 N | 49.90 -0.01 0.00 N |
| SITHE___OGDNSBRG 24021 | 61.11 -0.36 0.00 N | 27.77 -0.03 0.00 N | 11.31 -0.03 0.00 N | 27.35 0.16 0.00 N | 18.61 0.04 0.00 N | 29.55 -0.40 0.00 N | 36.01 -0.05 0.00 N | 44.06 0.08 0.00 N | 19.82 0.07 0.00 N | 22.82 0.07 0.00 N | 3.10 -0.06 0.00 N | 22.41 -0.28 0.00 N | 24.88 -0.29 0.00 N | 30.36 -0.33 0.00 N | 28.06 -0.37 0.00 N | 37.96 -0.49 0.00 N | 44.98 -0.22 0.00 N | 69.07 0.18 0.00 N | 278.89 2.55 0.00 N | 203.36 -1.52 0.00 N | 54.69 -0.16 0.00 N | 36.49 -0.10 0.00 N | 33.22 0.11 0.00 N | 50.81 0.91 0.00 N |
| SITHE___STERLING 23777 | 63.31 0.87 -0.97 N | 30.18 0.45 -1.93 N | 14.93 0.18 -3.41 N | 29.62 0.38 -2.06 N | 21.28 0.30 -2.41 N | 31.62 0.55 -1.13 N | 39.04 0.69 -2.29 N | 45.22 0.72 -0.52 N | 22.63 0.36 -2.53 N | 25.80 0.43 -2.62 N | 9.69 0.06 -6.48 N | 25.99 0.57 -2.74 N | 28.17 0.65 -2.34 N | 32.61 0.74 -1.18 N | 29.84 0.67 -0.73 N | 39.58 0.92 -0.22 N | 46.14 0.95 0.00 N | 70.38 1.49 0.00 N | 283.09 6.75 0.00 N | 210.04 5.15 0.00 N | 56.06 1.20 0.00 N | 37.95 0.82 -0.53 N | 34.57 0.66 -0.79 N | 50.75 0.79 -0.05 N |
| SOUTH CAIRO___GT 23612 | 103.39 4.71 -37.21 N | 103.85 2.20 -73.85 N | 142.39 0.87 -130.17 N | 107.75 2.04 -78.52 N | 112.12 1.37 -92.17 N | 75.31 2.25 -43.12 N | 126.12 2.71 -87.34 N | 66.53 3.41 -19.13 N | 112.41 1.60 -91.07 N | 118.98 1.88 -94.36 N | 236.74 0.30 -233.29 N | 124.29 1.96 -99.63 N | 113.81 2.22 -86.42 N | 78.47 2.70 -45.08 N | 58.86 2.48 -27.95 N | 50.10 3.35 -8.30 N | 48.94 3.74 0.00 N | 74.21 5.32 0.00 N | 296.94 20.60 0.00 N | 221.18 16.30 0.00 N | 59.21 4.36 0.00 N | 59.57 3.11 -19.86 N | 65.56 2.74 -29.70 N | 55.84 3.92 -2.02 N |
| SOUTH HAMPTN___IC 23720 | 151.28 10.50 -79.32 N | 222.22 4.80 -189.61 N | 191.24 1.81 -178.09 N | 139.90 4.32 -108.39 N | 109.56 3.02 -87.97 N | 94.19 5.38 -58.86 N | 186.44 6.60 -143.78 N | 493.48 8.55 -440.95 N | 283.43 3.79 -259.90 N | 241.48 4.77 -213.96 N | 331.33 0.65 -327.53 N | 116.64 3.99 -89.96 N | 106.83 4.46 -77.19 N | 87.26 6.25 -50.32 N | 166.65 5.78 -132.44 N | 68.13 8.23 -21.45 N | 54.23 9.03 0.00 N | 81.64 12.75 0.00 N | 322.27 45.92 0.00 N | 239.95 35.06 0.00 N | 79.44 8.97 -15.61 N | 74.34 6.52 -31.22 N | 121.96 6.02 -82.83 N | 153.73 8.80 -95.02 N |
| SOUTHOLD___IC 23719 | 153.65 12.87 -79.32 N | 223.25 5.83 -189.61 N | 191.66 2.23 -178.09 N | 140.89 5.30 -108.39 N | 110.26 3.72 -87.97 N | 95.36 6.55 -58.86 N | 187.92 8.08 -143.78 N | 495.74 10.81 -440.95 N | 284.52 4.88 -259.90 N | 242.81 6.11 -213.96 N | 331.52 0.84 -327.53 N | 117.94 5.29 -89.96 N | 108.27 5.90 -77.19 N | 89.01 7.99 -50.32 N | 168.26 7.39 -132.44 N | 70.36 10.46 -21.45 N | 56.91 11.71 0.00 N | 86.39 17.50 0.00 N | 340.62 64.27 0.00 N | 252.54 47.65 0.00 N | 82.57 12.10 -15.61 N | 76.28 8.47 -31.22 N | 123.59 7.65 -82.83 N | 155.97 11.04 -95.02 N |
| ST LAWRENCE___ 23600 | 60.21 -1.26 0.00 N | 27.22 -0.58 0.00 N | 11.09 -0.25 0.00 N | 26.72 -0.47 0.00 N | 18.18 -0.39 0.00 N | 29.11 -0.84 0.00 N | 35.11 -0.95 0.00 N | 42.94 -1.05 0.00 N | 19.25 -0.50 0.00 N | 22.16 -0.59 0.00 N | 3.03 -0.13 0.00 N | 21.88 -0.81 0.00 N | 24.29 -0.88 0.00 N | 29.64 -1.05 0.00 N | 27.43 -0.99 0.00 N | 37.13 -1.32 0.00 N | 43.90 -1.30 0.00 N | 67.20 -1.69 0.00 N | 270.77 -5.58 0.00 N | 199.52 -5.37 0.00 N | 53.65 -1.21 0.00 N | 35.71 -0.88 0.00 N | 32.48 -0.64 0.00 N | 49.40 -0.51 0.00 N |
| STATION 5_MISC_HYD 23604 | 63.63 -1.89 -4.05 N | 35.35 -0.49 -8.04 N | 25.26 -0.26 -14.17 N | 35.01 -0.73 -8.55 N | 28.27 -0.33 -10.04 N | 33.99 -0.65 -4.70 N | 44.21 -1.36 -9.51 N | 44.63 -2.21 -2.86 N | 29.03 -0.82 -10.11 N | 32.40 -0.82 -10.48 N | 29.03 -0.03 -25.91 N | 33.43 -0.21 -10.96 N | 34.43 -0.14 -9.40 N | 35.25 -0.36 -4.91 N | 31.06 -0.41 -3.05 N | 38.66 -0.69 0.00 N | 43.86 -1.34 0.00 N | 66.31 -2.58 0.00 N | 267.67 -8.68 0.00 N | 200.27 -4.62 0.00 N | 52.99 -1.86 0.00 N | 37.76 -1.05 -2.21 N | 35.24 -1.17 -3.29 N | 48.00 -2.13 -0.22 N |

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| STEEL___WIND 323596 | 63.32 -3.65 -5.50 N | 37.42 -1.29 -10.90 N | 29.94 -0.63 -19.22 N | 37.20 -1.59 -11.59 N | 31.28 -0.90 -13.61 N | 34.45 -1.86 -6.37 N | 45.42 -3.54 -12.90 N | 35.08 -5.56 3.34 N | 31.23 -2.26 -13.74 N | 34.65 -2.34 -14.25 N | 38.29 -0.09 -35.22 N | 36.19 -1.39 -14.89 N | 36.72 -1.23 -12.77 N | 35.67 -1.69 -6.66 N | 30.78 -1.78 -4.13 N | 37.15 -2.52 -1.23 N | 41.33 -3.87 0.00 N | 61.70 -7.19 0.00 N | 251.13 -25.21 0.00 N | 187.85 -17.04 0.00 N | 49.91 -4.95 0.00 N | 36.57 -3.02 -3.00 N | 34.98 -2.60 -4.46 N | 46.10 -4.10 -0.30 N |
| STEBUBEN_REC_LFGE 323667 | 68.52 -0.10 -7.15 N | 42.21 0.21 -14.19 N | 36.38 0.02 -25.02 N | 42.21 -0.07 -15.09 N | 36.43 0.15 -17.71 N | 38.41 0.17 -8.29 N | 52.56 -0.29 -16.79 N | 46.20 -1.25 -3.47 N | 37.20 -0.50 -17.96 N | 41.05 -0.36 -18.66 N | 49.42 0.13 -46.13 N | 42.36 0.16 -19.51 N | 42.37 0.46 -16.73 N | 39.90 0.52 -8.69 N | 34.17 0.35 -5.39 N | 40.58 0.53 -1.60 N | 45.14 -0.06 0.00 N | 68.15 -0.74 0.00 N | 276.90 0.56 0.00 N | 206.60 1.72 0.00 N | 54.92 0.06 0.00 N | 40.66 0.16 -3.91 N | 39.09 0.15 -5.83 N | 50.25 -0.05 -0.39 N |
| STONY___BROOK 24151 | 148.07 7.29 -79.32 N | 220.81 3.40 -189.61 N | 190.67 1.24 -178.09 N | 138.51 2.93 -108.39 N | 108.58 2.05 -87.97 N | 92.50 3.69 -58.86 N | 184.28 4.45 -143.78 N | 490.13 5.20 -440.95 N | 282.00 2.36 -259.90 N | 239.69 2.99 -213.96 N | 331.07 0.39 -327.53 N | 115.12 2.47 -89.96 N | 105.13 2.77 -77.19 N | 85.07 4.05 -50.32 N | 164.64 3.78 -132.44 N | 65.02 5.12 -21.45 N | 50.64 5.45 0.00 N | 76.23 7.34 0.00 N | 301.90 25.55 0.00 N | 225.05 20.16 0.00 N | 75.68 5.22 -15.61 N | 72.13 4.31 -31.22 N | 120.03 4.08 -82.83 N | 150.89 5.96 -95.02 N |
| STURGEON_POOL_HYD 23609 | 102.45 6.79 -34.20 N | 98.78 3.12 -67.85 N | 132.16 1.21 -119.61 N | 102.20 2.86 -72.14 N | 105.22 1.96 -84.69 N | 72.93 3.36 -39.62 N | 120.53 4.22 -80.26 N | 66.75 5.06 -17.71 N | 106.91 2.27 -84.90 N | 113.40 2.70 -87.96 N | 221.06 0.43 -217.48 N | 117.73 2.79 -92.25 N | 107.74 3.16 -79.41 N | 76.12 4.01 -41.42 N | 57.83 3.72 -25.68 N | 51.11 5.04 -7.63 N | 50.91 5.71 0.00 N | 77.22 8.34 0.00 N | 308.01 31.66 0.00 N | 228.38 23.49 0.00 N | 61.11 6.25 0.00 N | 59.46 4.35 -18.51 N | 64.61 3.89 -27.60 N | 57.51 5.75 -1.86 N |
| SYNERGY___BIOGAS 323694 | 63.44 -2.72 -4.70 N | 36.20 -0.91 -9.31 N | 27.28 -0.47 -16.41 N | 35.86 -1.24 -9.90 N | 29.56 -0.64 -11.62 N | 33.90 -1.48 -5.44 N | 44.02 -3.05 -11.01 N | 42.90 -4.73 -3.65 N | 29.56 -1.89 -11.71 N | 32.91 -1.98 -12.14 N | 33.06 -0.12 -30.02 N | 34.33 -1.06 -12.69 N | 35.15 -0.91 -10.89 N | 35.02 -1.35 -5.68 N | 30.54 -1.42 -3.52 N | 37.45 -2.05 -1.05 N | 42.01 -3.19 0.00 N | 62.88 -6.01 0.00 N | 256.10 -20.24 0.00 N | 191.36 -13.53 0.00 N | 50.84 -4.02 0.00 N | 36.72 -2.43 -2.56 N | 34.67 -2.25 -3.81 N | 46.60 -3.56 -0.25 N |
| SYRACUSE___ENERGY_ST1 323597 | 63.79 -1.02 -3.34 N | 34.12 -0.30 -6.62 N | 22.89 -0.12 -11.67 N | 33.87 -0.37 -7.04 N | 26.66 -0.17 -8.27 N | 33.58 -0.24 -3.87 N | 43.55 -0.34 -7.83 N | 45.24 -0.57 -1.83 N | 27.65 -0.21 -8.12 N | 30.95 -0.20 -8.41 N | 23.93 -0.02 -20.79 N | 31.42 -0.06 -8.79 N | 32.66 -0.06 -7.55 N | 34.62 -0.11 -4.04 N | 30.82 -0.12 -2.51 N | 38.97 -0.22 -0.74 N | 44.76 -0.44 0.00 N | 68.13 -0.76 0.00 N | 273.95 -2.39 0.00 N | 203.46 -1.43 0.00 N | 54.32 -0.54 0.00 N | 38.09 -0.32 -1.82 N | 35.43 -0.40 -2.71 N | 49.25 -0.84 -0.18 N |
| SYRACUSE___ENERGY_ST2 323598 | 63.79 -1.02 -3.34 N | 34.12 -0.30 -6.62 N | 22.89 -0.12 -11.67 N | 33.87 -0.37 -7.04 N | 26.66 -0.17 -8.27 N | 33.58 -0.24 -3.87 N | 43.55 -0.34 -7.83 N | 45.24 -0.57 -1.83 N | 27.65 -0.21 -8.12 N | 30.95 -0.20 -8.41 N | 23.93 -0.02 -20.79 N | 31.42 -0.06 -8.79 N | 32.66 -0.06 -7.55 N | 34.62 -0.11 -4.04 N | 30.82 -0.12 -2.51 N | 38.97 -0.22 -0.74 N | 44.76 -0.44 0.00 N | 68.13 -0.76 0.00 N | 273.95 -2.39 0.00 N | 203.46 -1.43 0.00 N | 54.32 -0.54 0.00 N | 38.09 -0.32 -1.82 N | 35.43 -0.40 -2.71 N | 49.25 -0.84 -0.18 N |
| SYRACUSE___POWER 24017 | 63.86 -0.81 -3.21 N | 33.90 -0.27 -6.37 N | 22.46 -0.11 -11.23 N | 33.62 -0.34 -6.77 N | 26.35 -0.17 -7.95 N | 33.44 -0.23 -3.72 N | 43.27 -0.32 -7.53 N | 45.10 -0.52 -1.64 N | 26.91 -0.19 -7.35 N | 30.19 -0.18 -7.62 N | 21.98 -0.01 -18.84 N | 30.62 -0.04 -7.96 N | 31.98 -0.05 -6.85 N | 34.54 -0.04 -3.89 N | 30.81 -0.03 -2.41 N | 39.08 -0.09 -0.72 N | 44.88 -0.31 0.00 N | 68.33 -0.56 0.00 N | 274.64 -1.71 0.00 N | 203.99 -0.90 0.00 N | 54.47 -0.39 0.00 N | 38.13 -0.22 -1.75 N | 35.42 -0.30 -2.60 N | 49.38 -0.70 -0.17 N |
| TRIGEN___CC 323695 | 146.38 5.60 -79.32 N | 220.04 2.63 -189.61 N | 190.37 0.94 -178.09 N | 137.81 2.23 -108.39 N | 108.08 1.54 -87.97 N | 91.52 2.71 -58.86 N | 183.15 3.31 -143.78 N | 488.97 4.04 -440.95 N | 281.51 1.87 -259.90 N | 238.93 2.23 -213.96 N | 331.02 0.34 -327.53 N | 114.74 2.09 -89.96 N | 104.71 2.34 -77.19 N | 84.23 3.22 -50.32 N | 163.89 3.02 -132.44 N | 64.13 4.23 -21.45 N | 49.77 4.57 0.00 N | 75.22 6.33 0.00 N | 298.28 21.93 0.00 N | 221.82 16.94 0.00 N | 74.92 4.46 -15.61 N | 71.26 3.44 -31.22 N | 119.15 3.21 -82.83 N | 149.50 4.56 -95.02 N |
| UNION___PROCESSING_DRP 323587 | 63.09 -2.46 -4.09 N | 34.99 -0.92 -8.11 N | 25.21 -0.43 -14.29 N | 34.70 -1.12 -8.62 N | 28.09 -0.60 -10.12 N | 33.56 -1.12 -4.73 N | 43.66 -1.99 -9.59 N | 43.81 -3.05 -2.88 N | 28.72 -1.21 -10.19 N | 32.05 -1.26 -10.57 N | 29.19 -0.08 -26.12 N | 33.02 -0.71 -11.05 N | 34.01 -0.64 -9.48 N | 34.72 -0.92 -4.95 N | 30.59 -0.91 -3.07 N | 38.01 -1.35 -0.91 N | 43.10 -2.10 0.00 N | 65.16 -3.73 0.00 N | 263.82 -12.53 0.00 N | 196.66 -8.23 0.00 N | 52.30 -2.56 0.00 N | 37.22 -1.60 -2.23 N | 34.83 -1.60 -3.32 N | 47.37 -2.76 -0.22 N |
| UPPER HUDSON___HYD 24058 | 110.02 4.82 -43.73 N | 116.67 2.11 -86.76 N | 165.12 0.84 -152.94 N | 121.43 1.98 -92.25 N | 128.27 1.41 -108.29 N | 82.95 2.35 -50.66 N | 141.56 2.89 -102.62 N | 70.41 3.62 -22.81 N | 130.72 1.59 -109.38 N | 137.96 1.88 -113.33 N | 283.63 0.27 -280.20 N | 142.88 1.76 -118.43 N | 128.48 1.77 -101.53 N | 85.49 1.84 -52.96 N | 62.93 1.66 -32.83 N | 50.40 2.20 -9.75 N | 47.86 2.67 0.00 N | 72.80 3.91 0.00 N | 291.99 15.64 0.00 N | 218.94 14.05 0.00 N | 58.62 3.76 0.00 N | 63.48 3.04 -23.85 N | 71.50 2.88 -35.51 N | 55.97 3.69 -2.37 N |
| UPPER RAQUET___HYD 24056 | 60.10 -1.36 0.00 N | 27.38 -0.42 0.00 N | 11.15 -0.19 0.00 N | 26.97 -0.22 0.00 N | 18.35 -0.22 0.00 N | 29.03 -0.91 0.00 N | 35.31 -0.75 0.00 N | 42.91 -1.07 0.00 N | 19.29 -0.45 0.00 N | 22.21 -0.54 0.00 N | 3.06 -0.09 0.00 N | 22.03 -0.66 0.00 N | 24.46 -0.72 0.00 N | 29.82 -0.87 0.00 N | 27.57 -0.86 0.00 N | 37.24 -1.21 0.00 N | 43.80 -1.40 0.00 N | 67.23 -1.66 0.00 N | 271.31 -5.04 0.00 N | 197.33 -7.55 0.00 N | 53.18 -1.68 0.00 N | 35.75 -0.84 0.00 N | 32.70 -0.41 0.00 N | 50.10 0.20 0.00 N |
| VISCHER___FERRY HYD 24020 | 110.08 5.67 -42.94 N | 115.52 2.52 -85.20 N | 162.55 1.02 -150.19 N | 120.15 2.37 -90.59 N | 126.56 1.65 -106.34 N | 82.44 2.75 -49.75 N | 140.06 3.23 -100.77 N | 70.39 4.01 -22.40 N | 128.95 1.78 -107.42 N | 136.11 2.07 -111.30 N | 278.65 0.32 -275.18 N | 141.13 2.14 -116.30 N | 127.22 2.35 -99.70 N | 85.43 2.73 -52.01 N | 63.14 2.47 -32.25 N | 51.33 3.30 -9.58 N | 49.00 3.80 0.00 N | 74.38 5.50 0.00 N | 297.39 21.05 0.00 N | 221.44 16.55 0.00 N | 59.29 4.43 0.00 N | 63.29 3.27 -23.42 N | 70.96 2.98 -34.87 N | 56.53 4.30 -2.33 N |
| WADING RIVER_IC_1 23522 | 147.34 6.55 -79.32 N | 220.48 3.06 -189.61 N | 190.54 1.11 -178.09 N | 138.20 2.62 -108.39 N | 108.37 1.84 -87.97 N | 92.15 3.34 -58.86 N | 183.74 3.91 -143.78 N | 489.59 4.66 -440.95 N | 281.53 1.89 -259.90 N | 239.30 2.59 -213.96 N | 331.01 0.33 -327.53 N | 114.48 1.83 -89.96 N | 104.37 2.01 -77.19 N | 84.38 3.37 -50.32 N | 164.10 3.23 -132.44 N | 64.72 4.83 -21.45 N | 50.25 5.05 0.00 N | 74.77 5.88 0.00 N | 294.66 18.31 0.00 N | 220.31 15.43 0.00 N | 74.33 3.87 -15.61 N | 71.10 3.28 -31.22 N | 119.20 3.26 -82.83 N | 150.11 5.18 -95.02 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| WADING RIVER_IC_2 23547 | 147.34 6.55 -79.32 N | 220.48 3.06 -189.61 N | 190.54 1.11 -178.09 N | 138.20 2.62 -108.39 N | 108.37 1.84 -87.97 N | 92.15 3.34 -58.86 N | 183.74 3.91 -143.78 N | 489.59 4.66 -440.95 N | 281.53 1.89 -259.90 N | 239.30 2.59 -213.96 N | 331.01 0.33 -327.53 N | 114.48 1.83 -89.96 N | 104.37 2.01 -77.19 N | 84.38 3.37 -50.32 N | 164.10 3.23 -132.44 N | 64.72 4.83 -21.45 N | 50.25 5.05 0.00 N | 74.77 5.88 0.00 N | 294.66 18.31 0.00 N | 220.31 15.43 0.00 N | 74.33 3.87 -15.61 N | 71.10 3.28 -31.22 N | 119.20 3.26 -82.83 N | 150.11 5.18 -95.02 N | |
| WADING RIVER_IC_3 23601 | 147.34 6.55 -79.32 N | 220.48 3.06 -189.61 N | 190.54 1.11 -178.09 N | 138.20 2.62 -108.39 N | 108.37 1.84 -87.97 N | 92.15 3.34 -58.86 N | 183.74 3.91 -143.78 N | 489.59 4.66 -440.95 N | 281.53 1.89 -259.90 N | 239.30 2.59 -213.96 N | 331.01 0.33 -327.53 N | 114.48 1.83 -89.96 N | 104.37 2.01 -77.19 N | 84.38 3.37 -50.32 N | 164.10 3.23 -132.44 N | 64.72 4.83 -21.45 N | 50.25 5.05 0.00 N | 74.77 5.88 0.00 N | 294.66 18.31 0.00 N | 220.31 15.43 0.00 N | 74.33 3.87 -15.61 N | 71.10 3.28 -31.22 N | 119.20 3.26 -82.83 N | 150.11 5.18 -95.02 N | |
| WALDEN___HYDRO 24148 | 98.61 4.62 -32.52 N | 94.47 2.14 -64.53 N | 125.92 0.83 -113.75 N | 97.73 1.93 -68.61 N | 100.41 1.30 -80.54 N | 69.86 2.24 -37.68 N | 115.16 2.77 -76.32 N | 64.25 3.38 -16.88 N | 102.44 1.57 -81.13 N | 108.66 1.85 -84.06 N | 211.27 0.28 -207.83 N | 112.55 1.90 -87.96 N | 102.84 2.15 -75.51 N | 72.82 2.73 -39.39 N | 55.42 2.57 -24.42 N | 49.24 3.53 -7.26 N | 49.11 3.91 0.00 N | 74.39 5.50 0.00 N | 296.28 19.93 0.00 N | 219.95 15.07 0.00 N | 58.95 4.09 0.00 N | 57.28 3.00 -17.69 N | 62.16 2.70 -26.35 N | 55.51 3.84 -1.76 N | |
| WARRENSBURG___ 23737 | 109.99 4.79 -43.73 N | 116.68 2.12 -86.76 N | 165.12 0.84 -152.94 N | 121.43 1.99 -92.25 N | 128.26 1.40 -108.29 N | 82.93 2.33 -50.66 N | 141.55 2.87 -102.62 N | 70.38 3.59 -22.81 N | 130.70 1.58 -109.38 N | 137.95 1.88 -113.33 N | 283.63 0.27 -280.20 N | 142.81 1.70 -118.43 N | 128.29 1.59 -101.53 N | 85.23 1.57 -52.96 N | 62.66 1.39 -32.83 N | 50.06 1.86 -9.75 N | 47.60 2.40 0.00 N | 72.44 3.55 0.00 N | 290.59 14.25 0.00 N | 218.16 13.27 0.00 N | 58.60 3.75 -23.85 N | 63.55 3.10 -35.51 N | 71.62 2.99 -82.83 N | 56.16 3.89 -2.37 N | |
| WATERSIDE___6 8 9 23538 | 93.01 5.67 -25.88 N | 93.38 2.65 -62.92 N | 111.34 0.99 -99.01 N | 98.00 2.33 -68.48 N | 102.43 1.54 -82.32 N | 71.18 2.72 -38.51 N | 82.83 3.40 -43.37 N | 17.69 4.26 30.55 N | 64.95 1.98 -43.23 N | 78.50 2.35 -53.40 N | 214.49 0.36 -210.98 N | 114.98 2.34 -89.95 N | 104.98 2.62 -77.19 N | 74.32 3.36 -40.26 N | 56.62 3.22 -24.97 N | 54.25 4.43 -11.38 N | 75.24 4.87 -25.17 N | 97.24 6.75 -21.61 N | 294.74 23.09 4.70 N | 224.57 17.08 -2.60 N | 59.83 4.78 -0.19 N | 13.17 3.56 26.98 N | 10.10 3.23 26.24 N | 3.27 4.60 51.24 N | |
| WDELAWARE___HYD 323627 | 94.48 4.20 -28.82 N | 86.92 1.94 -57.18 N | 112.88 0.74 -100.79 N | 89.73 1.74 -60.79 N | 91.14 1.21 -71.36 N | 65.43 2.10 -33.38 N | 106.37 2.68 -67.63 N | 62.08 3.17 -14.93 N | 92.49 0.93 -71.82 N | 98.33 1.17 -74.41 N | 187.35 0.21 -183.98 N | 101.87 1.28 -77.90 N | 93.53 1.44 -66.91 N | 67.42 1.82 -34.90 N | 51.75 1.68 -21.64 N | 47.21 2.34 -6.43 N | 47.87 2.67 0.00 N | 72.84 3.95 0.00 N | 290.99 14.65 0.00 N | 216.04 11.15 0.00 N | 57.81 2.95 0.00 N | 54.37 2.11 -15.66 N | 58.25 1.81 -23.33 N | 53.93 2.46 -1.56 N | |
| WEST BABYLON___IC 23714 | 147.69 6.90 -79.32 N | 220.62 3.21 -189.61 N | 190.59 1.15 -178.09 N | 138.30 2.72 -108.39 N | 108.42 1.88 -87.97 N | 92.13 3.32 -58.86 N | 183.83 3.99 -143.78 N | 489.80 4.87 -440.95 N | 281.87 2.23 -259.90 N | 239.39 2.69 -213.96 N | 331.07 0.39 -327.53 N | 115.03 2.38 -89.96 N | 105.03 2.66 -77.19 N | 84.75 3.74 -50.32 N | 164.36 3.49 -132.44 N | 64.80 4.91 -21.45 N | 50.41 5.22 0.00 N | 76.25 7.36 0.00 N | 302.45 26.10 0.00 N | 225.10 20.21 0.00 N | 75.68 5.22 -15.61 N | 71.85 4.03 -31.22 N | 119.78 3.83 -82.83 N | 150.56 5.63 -95.02 N | |
| WEST CANADA___HYD 24049 | 61.02 0.41 0.86 N | 26.30 0.19 1.70 N | 8.42 0.08 3.00 N | 25.55 0.16 1.81 N | 16.56 0.11 2.12 N | 29.16 0.21 1.00 N | 34.29 0.24 2.01 N | 43.76 0.22 0.45 N | 17.74 0.11 2.12 N | 20.67 0.12 2.20 N | -2.24 0.03 5.43 N | 20.55 0.16 2.30 N | 23.40 0.19 1.97 N | 29.89 0.24 1.03 N | 28.01 0.23 0.64 N | 38.53 0.27 0.19 N | 45.48 0.28 0.00 N | 69.29 0.40 0.00 N | 277.67 1.32 0.00 N | 206.13 1.24 0.00 N | 55.14 0.28 0.00 N | 36.42 0.29 0.47 N | 32.66 0.23 0.69 N | 50.16 0.31 0.05 N | |
| WESTERN_NY_WIND 24143 | 63.44 -2.78 -4.75 N | 36.29 -0.94 -9.43 N | 27.49 -0.48 -16.62 N | 35.95 -1.27 -10.03 N | 29.68 -0.66 -11.77 N | 33.92 -1.53 -5.50 N | 44.08 -3.13 -11.15 N | 42.85 -4.85 -3.72 N | 29.66 -1.94 -11.86 N | 33.01 -2.04 -12.30 N | 33.44 -0.12 -30.41 N | 34.44 -1.10 -12.85 N | 35.25 -0.95 -11.03 N | 35.04 -1.41 -5.76 N | 30.53 -1.48 -3.57 N | 37.39 -2.11 -1.06 N | 41.92 -3.27 0.00 N | 62.72 -6.16 0.00 N | 255.44 -20.91 0.00 N | 190.90 -13.98 0.00 N | 50.71 -4.15 0.00 N | 36.68 -2.51 -2.59 N | 34.66 -2.32 -3.86 N | 46.52 -3.65 -0.26 N | |
| WESTOVER___LESR 323668 | 72.43 0.23 -10.73 N | 49.34 0.25 -21.29 N | 48.95 0.08 -37.53 N | 49.98 0.15 -22.64 N | 45.30 0.15 -26.58 N | 42.62 0.24 -12.43 N | 61.32 0.08 -25.18 N | 48.50 -0.35 -4.87 N | 46.57 -0.05 -26.88 N | 50.64 0.03 -27.86 N | 72.16 0.12 -68.88 N | 52.07 0.25 -29.13 N | 50.52 0.36 -24.99 N | 44.13 0.44 -13.00 N | 36.86 0.37 -8.06 N | 41.41 0.56 -2.40 N | 45.43 0.23 0.00 N | 68.72 -0.17 0.00 N | 276.33 -0.01 0.00 N | 205.80 0.92 0.00 N | 54.93 0.07 0.00 N | 42.59 0.14 -5.85 N | 41.97 0.15 -8.71 N | 50.56 0.08 -0.58 N | |
| WETHRSFD_WT_PWR 323626 | 64.54 -3.07 -6.15 N | 38.90 -1.09 -12.19 N | 32.32 -0.51 -21.49 N | 38.89 -1.26 -12.96 N | 33.13 -0.66 -15.22 N | 35.67 -1.39 -7.12 N | 47.78 -2.70 -14.42 N | 43.71 -4.41 -4.13 N | 33.34 -1.78 -15.38 N | 36.85 -1.85 -15.95 N | 42.56 -0.04 -39.45 N | 38.28 -1.10 -16.68 N | 38.56 -0.91 -14.31 N | 36.91 -1.24 -7.45 N | 31.72 -1.33 -4.62 N | 38.02 -1.80 -1.37 N | 42.29 -2.91 0.00 N | 63.38 -5.51 0.00 N | 257.32 -19.03 0.00 N | 192.45 -12.43 0.00 N | 51.14 -3.72 0.00 N | 37.69 -2.26 -3.35 N | 36.18 -1.92 -4.99 N | 47.22 -3.03 -0.33 N | |
| YORK___WARBASSE 23770 | 123.41 5.98 -55.97 N | 105.90 2.79 -75.31 N | 181.93 1.05 -169.53 N | 104.86 2.47 -75.20 N | 102.53 1.63 -82.32 N | 71.31 2.86 -38.51 N | 224.51 3.53 -184.92 N | 213.23 4.38 -164.87 N | 227.79 2.05 -206.00 N | 211.81 2.42 -186.65 N | 221.32 0.37 -217.80 N | 115.07 2.43 -89.95 N | 105.07 2.71 -77.19 N | 74.43 3.48 -40.26 N | 56.72 3.32 -24.97 N | 54.32 4.49 -11.38 N | 124.28 4.96 -74.12 N | 205.86 6.82 -130.15 N | 353.64 23.43 -53.86 N | 257.74 17.42 -35.44 N | 227.55 4.89 -167.80 N | 227.56 3.64 -187.32 N | 227.55 3.32 -191.12 N | 220.12 4.72 -165.49 N | |