

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

02/02/2013

| 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 | 63.84 3.58 -22.19 N | 39.43 3.45 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.60 -76.81 N | 49.83 4.16 0.00 N | 49.84 4.12 0.00 N | 104.40 4.42 -50.88 N | 89.36 2.78 -54.89 N | 68.15 5.48 0.00 N | 88.26 6.98 -6.08 N | 127.07 8.10 -28.31 N | 105.07 4.68 -51.64 N | 107.43 3.47 -67.91 N | 101.72 3.11 -66.56 N | 156.40 1.72 -136.11 N | 97.99 3.56 -58.83 N | 75.32 6.34 -7.56 N | 97.16 8.27 0.09 N | 74.72 6.36 0.00 N | 87.14 7.82 0.00 N | 84.85 7.52 0.00 N | 79.82 5.99 -13.80 N | 53.11 4.25 -3.73 N | 45.54 3.69 0.00 N |
| 74TH STREET_GT_1 24260 | 63.88 3.61 -22.19 N | 39.47 3.49 0.00 N | 86.02 5.42 -21.44 N | 108.37 2.62 -76.82 N | 49.87 4.20 0.00 N | 49.87 4.15 0.00 N | 104.43 4.45 -50.89 N | 89.38 2.79 -54.89 N | 68.20 5.52 0.00 N | 88.32 7.05 -6.08 N | 127.10 8.13 -28.31 N | 105.11 4.72 -51.64 N | 107.47 3.51 -67.92 N | 101.75 3.14 -66.57 N | 156.42 1.73 -136.12 N | 98.03 3.60 -58.83 N | 75.39 6.41 -7.56 N | 97.24 8.35 0.09 N | 74.79 6.42 0.00 N | 87.22 7.90 0.00 N | 84.92 7.59 0.00 N | 79.85 6.02 -13.80 N | 53.15 4.29 -3.73 N | 45.57 3.72 0.00 N |
| 74TH STREET_GT_2 24261 | 63.88 3.61 -22.19 N | 39.47 3.49 0.00 N | 86.02 5.42 -21.44 N | 108.37 2.62 -76.82 N | 49.87 4.20 0.00 N | 49.87 4.15 0.00 N | 104.43 4.45 -50.89 N | 89.38 2.79 -54.89 N | 68.20 5.52 0.00 N | 88.32 7.05 -6.08 N | 127.10 8.13 -28.31 N | 105.11 4.72 -51.64 N | 107.47 3.51 -67.92 N | 101.75 3.14 -66.57 N | 156.42 1.73 -136.12 N | 98.03 3.60 -58.83 N | 75.39 6.41 -7.56 N | 97.24 8.35 0.09 N | 74.79 6.42 0.00 N | 87.22 7.90 0.00 N | 84.92 7.59 0.00 N | 79.85 6.02 -13.80 N | 53.15 4.29 -3.73 N | 45.57 3.72 0.00 N |
| ADK HUDSON___FALLS 24011 | 70.39 3.29 -29.03 N | 38.94 2.96 0.00 N | 91.75 4.55 -28.05 N | 131.94 2.53 -100.47 N | 49.56 3.89 0.00 N | 49.51 3.80 0.00 N | 119.88 4.23 -66.56 N | 106.35 2.86 -71.79 N | 68.59 5.92 0.00 N | 90.85 7.69 -7.97 N | 137.13 9.44 -37.03 N | 121.27 4.98 -67.54 N | 128.61 3.74 -88.83 N | 122.47 3.37 -87.06 N | 198.54 1.93 -178.03 N | 116.11 3.56 -76.95 N | 77.35 6.04 -9.89 N | 97.19 8.28 0.07 N | 74.73 6.37 0.00 N | 86.99 7.67 0.00 N | 84.93 7.61 0.00 N | 84.09 5.98 -18.08 N | 54.23 4.21 -4.89 N | 45.71 3.86 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 70.66 4.16 -28.43 N | 39.71 3.73 0.00 N | 92.86 6.23 -27.47 N | 130.63 3.28 -98.41 N | 50.65 4.98 0.00 N | 50.66 4.94 0.00 N | 119.72 5.44 -65.19 N | 105.81 3.78 -70.32 N | 70.05 7.38 0.00 N | 92.11 9.12 -7.80 N | 138.31 11.37 -36.28 N | 120.87 5.97 -66.16 N | 127.49 4.44 -87.01 N | 121.34 4.02 -85.28 N | 195.32 2.36 -174.39 N | 115.37 4.40 -75.37 N | 78.81 7.71 -9.69 N | 99.53 10.62 0.07 N | 76.53 8.17 0.00 N | 89.15 9.82 0.00 N | 86.97 9.65 0.00 N | 85.32 7.58 -17.71 N | 55.26 5.35 -4.79 N | 46.63 4.78 0.00 N |
| ADK S GLENS___FALLS 24028 | 70.39 3.29 -29.03 N | 38.94 2.96 0.00 N | 91.75 4.55 -28.05 N | 131.94 2.53 -100.47 N | 49.56 3.89 0.00 N | 49.51 3.80 0.00 N | 119.88 4.23 -66.56 N | 106.35 2.86 -71.79 N | 68.59 5.92 0.00 N | 90.85 7.69 -7.97 N | 137.13 9.44 -37.03 N | 121.27 4.98 -67.54 N | 128.61 3.74 -88.83 N | 122.47 3.37 -87.06 N | 198.54 1.93 -178.03 N | 116.11 3.56 -76.95 N | 77.35 6.04 -9.89 N | 97.19 8.28 0.07 N | 74.73 6.37 0.00 N | 86.99 7.67 0.00 N | 84.93 7.61 0.00 N | 84.09 5.98 -18.08 N | 54.23 4.21 -4.89 N | 45.71 3.86 0.00 N |
| ADK_NYS___DAM 23527 | 69.92 3.49 -28.36 N | 39.19 3.22 0.00 N | 92.03 5.47 -27.41 N | 129.88 2.76 -98.17 N | 49.83 4.16 0.00 N | 49.86 4.14 0.00 N | 118.68 4.55 -65.03 N | 104.89 3.03 -70.15 N | 68.53 5.86 0.00 N | 90.21 7.23 -7.78 N | 135.93 9.08 -36.19 N | 119.56 4.82 -66.00 N | 126.34 3.50 -86.80 N | 120.26 3.15 -85.07 N | 194.39 1.85 -173.97 N | 114.24 3.45 -75.19 N | 76.99 5.91 -9.66 N | 96.83 7.93 0.07 N | 74.55 6.19 0.00 N | 86.74 7.41 0.00 N | 84.63 7.31 0.00 N | 83.48 5.78 -17.67 N | 54.24 4.33 -4.78 N | 45.72 3.87 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N |
| ALBANY___1 23571 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N |
| ALBANY___2 23572 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N |
| ALBANY___3 | 68.71 | 38.32 | 90.25 | 128.30 | 48.61 | 48.51 | 116.47 | 103.13 | 66.20 | 87.31 | 131.79 | 117.18 | 124.32 | 118.41 | 192.35 | 112.28 | 74.39 | 93.27 | 71.85 | 83.57 | 81.49 | 80.97 | 52.64 | 44.35 |

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| 23573 | 2.48 -28.15 N | 2.34 0.00 N | 3.89 -27.20 N | 1.92 -97.45 N | 2.94 0.00 N | 2.79 0.00 N | 2.83 -64.55 N | 1.80 -69.63 N | 3.53 0.00 N | 4.39 -7.72 N | 5.21 -35.92 N | 2.92 -65.51 N | 2.13 -86.15 N | 1.92 -84.44 N | 1.11 -172.68 N | 2.05 -74.63 N | 3.38 -9.59 N | 4.37 0.07 N | 3.50 0.00 N | 4.24 0.00 N | 4.16 0.00 N | 3.39 -17.55 N | 2.76 -4.75 N | 2.50 0.00 N |
| ALBANY____4 23574 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N |
| ALBANY____LFGE 323615 | 69.49 2.76 -28.66 N | 38.57 2.59 0.00 N | 91.15 4.30 -27.69 N | 130.27 2.13 -99.20 N | 48.93 3.25 0.00 N | 48.88 3.16 0.00 N | 118.10 3.29 -65.71 N | 104.71 2.12 -70.89 N | 66.85 4.18 0.00 N | 88.25 5.19 -7.86 N | 133.43 6.21 -36.57 N | 118.90 3.46 -66.69 N | 126.29 2.54 -87.71 N | 120.28 2.28 -85.96 N | 195.67 1.32 -175.79 N | 114.01 2.43 -75.98 N | 75.23 4.05 -9.76 N | 94.30 5.40 0.07 N | 72.63 4.27 0.00 N | 84.46 5.14 0.00 N | 82.34 5.02 0.00 N | 81.91 4.01 -17.86 N | 53.16 3.20 -4.83 N | 44.71 2.87 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 36.93 -1.14 0.00 N | 34.82 -1.16 0.00 N | 57.62 -1.53 0.00 N | 28.25 -0.69 0.00 N | 44.59 -1.08 0.00 N | 44.76 -0.96 0.00 N | 47.78 -1.31 0.00 N | 31.28 -0.42 0.00 N | 61.79 -0.88 0.00 N | 74.08 -1.11 0.00 N | 89.19 -1.46 0.00 N | 47.43 -1.32 0.00 N | 35.37 -0.67 0.00 N | 31.52 -0.52 0.00 N | 18.28 -0.29 0.00 N | 34.97 -0.63 0.00 N | 60.82 -0.60 0.00 N | 88.39 -0.59 0.00 N | 67.56 -0.79 0.00 N | 77.90 -1.42 0.00 N | 75.18 -2.15 0.00 N | 58.86 -1.17 0.00 N | 44.31 -0.81 0.00 N | 41.55 -0.30 0.00 N |
| ALLEGHENY____COGEN 23514 | 42.11 0.25 -3.80 N | 36.18 0.20 0.00 N | 62.65 -0.17 -3.67 N | 41.99 -0.09 -13.14 N | 45.50 -0.17 0.00 N | 45.62 -0.10 0.00 N | 58.07 0.27 -8.71 N | 40.87 -0.22 -9.39 N | 62.67 -0.27 -0.27 N | 103.81 0.19 -28.42 N | 146.65 0.06 -55.93 N | 66.37 0.44 -17.18 N | 48.12 0.10 -11.98 N | 43.70 0.27 -11.39 N | 42.06 0.20 -23.29 N | 46.17 0.50 -10.07 N | 62.73 0.02 -1.29 N | 89.34 0.11 -0.25 N | 69.23 0.87 0.00 N | 81.39 2.07 0.00 N | 79.24 1.91 0.00 N | 62.88 0.49 -2.36 N | 45.94 0.17 -0.64 N | 42.02 0.17 0.00 N |
| ALTONA_WT_PWR 323606 | 36.60 -1.46 0.00 N | 34.59 -1.39 0.00 N | 57.60 -1.55 0.00 N | 28.46 -0.48 0.00 N | 44.94 -0.73 0.00 N | 45.19 -0.53 0.00 N | 48.50 -0.59 0.00 N | 31.55 -0.15 0.00 N | 62.26 -0.41 0.00 N | 74.60 -0.59 0.00 N | 89.93 -0.73 0.00 N | 47.84 -0.91 0.00 N | 35.67 -0.37 0.00 N | 31.79 -0.25 0.00 N | 18.45 -0.12 0.00 N | 35.37 -0.23 0.00 N | 61.33 -0.08 0.00 N | 88.99 0.02 0.00 N | 68.05 -0.31 0.00 N | 78.71 -0.61 0.00 N | 76.44 -0.89 0.00 N | 59.38 -0.65 0.00 N | 44.52 -0.60 0.00 N | 41.60 -0.25 0.00 N |
| AMERICAN_REF_FUEL 24010 | 38.01 -3.45 -3.39 N | 32.81 -3.17 0.00 N | 56.10 -6.33 -3.28 N | 37.59 -3.09 -11.74 N | 40.70 -4.97 0.00 N | 40.85 -4.87 0.00 N | 51.11 -5.76 -7.77 N | 35.58 -4.51 -8.39 N | 52.71 -9.72 0.24 N | 39.01 -11.83 24.35 N | 34.76 -14.34 41.55 N | 41.68 -7.58 -0.52 N | 40.43 -5.66 -10.05 N | 37.57 -4.64 -10.17 N | 36.77 -2.60 -20.80 N | 39.78 -4.81 -8.99 N | 53.11 -9.46 -1.15 N | 70.29 -13.83 4.85 N | 58.50 -9.86 0.00 N | 69.33 -9.99 0.00 N | 68.22 -9.11 0.00 N | 54.03 -8.11 -2.11 N | 39.96 -5.74 -0.57 N | 37.12 -4.72 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 103.00 3.39 -61.54 N | 44.87 3.31 -5.58 N | 91.39 5.24 -27.00 N | 136.75 2.62 -105.18 N | 49.97 4.30 0.00 N | 50.07 4.34 -0.01 N | 104.62 4.63 -50.89 N | 89.51 2.91 -54.89 N | 68.46 5.78 -0.01 N | 101.63 7.36 -19.08 N | 215.38 8.51 -116.22 N | 241.41 4.99 -187.67 N | 265.50 3.73 -225.73 N | 268.36 3.34 -232.98 N | 408.81 1.84 -388.40 N | 210.66 3.83 -171.23 N | 241.53 6.77 -173.33 N | 150.17 8.90 -52.30 N | 208.59 6.93 -133.30 N | 159.77 8.50 -71.94 N | 108.68 8.12 -23.23 N | 80.25 6.41 -13.81 N | 53.47 4.61 -3.73 N | 45.87 4.02 0.00 N |
| ARTHUR_KILL_2 23512 | 103.00 3.39 -61.54 N | 44.87 3.31 -5.58 N | 91.39 5.24 -27.00 N | 136.75 2.62 -105.18 N | 49.97 4.30 0.00 N | 50.07 4.34 -0.01 N | 104.62 4.63 -50.89 N | 89.51 2.91 -54.89 N | 68.46 5.78 -0.01 N | 101.64 7.37 -19.08 N | 215.41 8.54 -116.22 N | 241.41 4.99 -187.67 N | 265.50 3.73 -225.73 N | 268.36 3.34 -232.98 N | 408.81 1.84 -388.40 N | 210.66 3.82 -171.23 N | 241.52 6.77 -173.33 N | 150.17 8.89 -52.30 N | 208.59 6.93 -133.30 N | 159.77 8.50 -71.94 N | 108.68 8.12 -23.23 N | 80.25 6.41 -13.81 N | 53.47 4.61 -3.73 N | 45.87 4.02 0.00 N |
| ARTHUR_KILL_3 23513 | 102.94 3.52 -61.35 N | 41.86 3.40 -2.47 N | 91.40 5.25 -26.99 N | 136.64 2.53 -105.17 N | 49.72 4.05 0.00 N | 49.70 3.98 0.00 N | 104.24 4.26 -50.89 N | 89.26 2.67 -54.89 N | 67.94 5.27 0.00 N | 101.02 6.75 -19.08 N | 214.59 7.73 -116.20 N | 240.86 4.48 -187.63 N | 218.32 3.33 -178.95 N | 193.39 2.99 -158.36 N | 296.95 1.64 -276.74 N | 160.05 3.44 -121.01 N | 201.34 6.17 -133.75 N | 113.23 7.88 -16.38 N | 74.39 6.03 0.00 N | 86.78 7.45 0.00 N | 84.48 7.16 0.00 N | 79.53 5.70 -13.80 N | 52.90 4.04 -3.73 N | 45.33 3.48 0.00 N |
| ASHOKAN____ 23654 | 65.83 3.72 -24.05 N | 39.21 3.23 0.00 N | 87.43 5.04 -23.24 N | 114.54 2.36 -83.24 N | 49.38 3.71 0.00 N | 49.41 3.69 0.00 N | 108.26 4.03 -55.14 N | 93.74 2.57 -59.48 N | 67.85 5.18 0.00 N | 88.55 6.76 -6.59 N | 129.56 8.22 -30.68 N | 109.40 4.70 -55.96 N | 113.00 3.37 -73.60 N | 107.15 2.98 -72.13 N | 167.76 1.70 -147.50 N | 102.72 3.37 -63.75 N | 75.41 5.80 -8.19 N | 96.58 7.69 0.09 N | 74.42 6.06 0.00 N | 86.81 7.48 0.00 N | 84.47 7.14 0.00 N | 80.33 5.54 -14.75 N | 53.21 4.09 -3.99 N | 45.32 3.47 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 64.06 3.47 -22.52 N | 45.02 3.46 -5.58 N | 85.95 5.35 -21.44 N | 108.36 2.60 -76.82 N | 49.83 4.16 0.00 N | 49.83 4.10 -0.01 N | 104.30 4.30 -50.89 N | 89.30 2.70 -54.89 N | 68.15 5.48 -0.01 N | 88.23 6.96 -6.08 N | 126.81 7.84 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.38 3.06 -68.29 N | 156.36 1.66 -136.13 N | 98.80 3.51 -59.69 N | 75.35 6.37 -7.57 N | 97.23 8.34 0.09 N | 74.72 6.36 -0.01 N | 87.19 7.86 0.00 N | 84.92 7.59 0.00 N | 79.84 6.01 -13.80 N | 53.16 4.30 -3.73 N | 45.49 3.64 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT2_1 24094 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |

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| ASTORIA_GT2_2 24095 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT2_3 24096 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT2_4 24097 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT3_1 24098 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT3_2 24099 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT3_3 24100 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N |
| ASTORIA_GT3_4 24101 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 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 | N |
| ASTORIA_GT_12 24226 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.20 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.61 -50.89 N | 89.49 2.89 -54.89 N | 68.39 5.71 -0.01 N | 88.51 7.23 -6.08 N | 127.27 8.30 -28.31 N | 105.23 4.83 -51.65 N | 107.57 3.61 -67.92 N | 103.56 3.23 -68.29 N | 156.48 1.78 -136.13 N | 98.99 3.70 -59.69 N | 75.57 6.59 -7.57 N | 97.47 8.58 0.09 N | 74.99 6.63 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.04 6.21 -13.80 N | 53.30 4.44 -3.73 N | 45.68 3.84 0.00 N | | |
| ASTORIA_GT_13 24227 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.20 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.61 -50.89 N | 89.49 2.89 -54.89 N | 68.39 5.71 -0.01 N | 88.51 7.23 -6.08 N | 127.27 8.30 -28.31 N | 105.23 4.83 -51.65 N | 107.57 3.61 -67.92 N | 103.56 3.23 -68.29 N | 156.48 1.78 -136.13 N | 98.99 3.70 -59.69 N | 75.57 6.59 -7.57 N | 97.47 8.58 0.09 N | 74.99 6.63 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.04 6.21 -13.80 N | 53.30 4.44 -3.73 N | 45.68 3.84 0.00 N | | |
| ASTORIA_GT_5 24106 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N | | |
| ASTORIA_GT_7 24107 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N | | |
| ASTORIA_GT_8 24108 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N | | |
| ASTORIA___2 24149 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.74 6.37 -0.01 N | 87.21 7.88 0.00 N | 84.93 7.60 0.00 N | 79.86 6.03 -13.80 N | 53.18 4.32 -3.73 N | 45.50 3.66 0.00 N | | |
| ASTORIA___3 23516 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.20 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.61 -50.89 N | 89.49 2.89 -54.89 N | 68.38 5.70 -0.01 N | 88.51 7.23 -6.08 N | 127.27 8.30 -28.31 N | 105.23 4.83 -51.65 N | 107.57 3.61 -67.92 N | 103.56 3.23 -68.29 N | 156.48 1.78 -136.13 N | 98.99 3.70 -59.69 N | 75.57 6.59 -7.57 N | 97.47 8.58 0.09 N | 74.99 6.63 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.03 6.20 -13.80 N | 53.29 4.43 -3.73 N | 45.68 3.83 0.00 N | | |
| ASTORIA___4 23517 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.20 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.61 -50.89 N | 89.49 2.89 -54.89 N | 68.39 5.71 -0.01 N | 88.51 7.23 -6.08 N | 127.27 8.30 -28.31 N | 105.23 4.83 -51.65 N | 107.57 3.61 -67.92 N | 103.56 3.23 -68.29 N | 156.48 1.78 -136.13 N | 98.99 3.70 -59.69 N | 75.57 6.59 -7.57 N | 97.47 8.58 0.09 N | 74.99 6.63 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.04 6.21 -13.80 N | 53.30 4.44 -3.73 N | 45.68 3.84 0.00 N | | |
| ASTORIA___5 23518 | 64.07 3.49 -22.52 N | 45.03 3.47 -5.58 N | 85.98 5.38 -21.44 N | 108.37 2.61 -76.82 N | 49.86 4.18 0.00 N | 49.84 4.12 -0.01 N | 104.30 4.31 -50.89 N | 89.30 2.71 -54.89 N | 68.17 5.49 -0.01 N | 88.27 6.99 -6.08 N | 126.85 7.88 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.81 3.52 -59.69 N | 75.36 6.38 -7.57 N | 97.27 8.38 0.09 N | 74.85 6.48 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.03 6.20 -13.80 N | 53.29 4.43 -3.73 N | 45.68 3.83 0.00 N | | |
| AST_ENERGY_2_CC3 323677 | 63.79 3.53 -22.19 N | 39.42 3.44 0.00 N | 85.92 5.32 -21.44 N | 108.33 2.57 -76.82 N | 49.81 4.14 0.00 N | 49.80 4.08 0.00 N | 104.33 4.35 -50.89 N | 89.29 2.70 -54.89 N | 68.00 5.33 0.00 N | 88.11 6.83 -6.08 N | 126.75 7.78 -28.31 N | 104.94 4.55 -51.64 N | 107.36 3.41 -67.92 N | 101.66 3.05 -66.57 N | 156.35 1.66 -136.12 N | 97.94 3.51 -58.83 N | 75.26 6.28 -7.56 N | 96.98 8.10 0.09 N | 74.56 6.20 0.00 N | 86.92 7.60 0.00 N | 84.61 7.29 0.00 N | 79.64 5.81 -13.80 N | 52.98 4.12 -3.73 N | 45.43 3.59 0.00 N | | |
| AST_ENERGY_2_CC4 323678 | 63.79 3.53 -22.19 N | 39.42 3.44 0.00 N | 85.92 5.32 -21.44 N | 108.33 2.57 -76.82 N | 49.81 4.14 0.00 N | 49.80 4.08 0.00 N | 104.33 4.35 -50.89 N | 89.29 2.70 -54.89 N | 68.00 5.33 0.00 N | 88.11 6.83 -6.08 N | 126.75 7.78 -28.31 N | 104.94 4.55 -51.64 N | 107.36 3.41 -67.92 N | 101.66 3.05 -66.57 N | 156.35 1.66 -136.12 N | 97.94 3.51 -58.83 N | 75.26 6.28 -7.56 N | 96.98 8.10 0.09 N | 74.56 6.20 0.00 N | 86.92 7.60 0.00 N | 84.61 7.29 0.00 N | 79.64 5.81 -13.80 N | 52.98 4.12 -3.73 N | 45.43 3.59 0.00 N | | |
| ATHENS_STG_1 23668 | 65.02 2.39 -24.56 N | 38.25 2.27 0.00 N | 86.56 3.68 -23.73 N | 115.74 1.79 -85.01 N | 48.46 2.79 0.00 N | 48.47 2.75 0.00 N | 108.37 2.96 -56.31 N | 94.31 1.86 -60.75 N | 66.32 3.65 0.00 N | 86.51 4.58 -6.73 N | 127.40 5.41 -31.33 N | 109.03 3.12 -57.15 N | 113.48 2.27 -75.17 N | 107.74 2.03 -73.67 N | 170.38 1.16 -150.65 N | 103.01 2.30 -65.11 N | 73.70 3.91 -8.37 N | 93.91 5.02 0.09 N | 72.31 3.95 0.00 N | 84.20 4.88 0.00 N | 82.08 4.75 0.00 N | 79.17 3.86 -15.28 N | 52.12 2.86 -4.13 N | 44.39 2.54 0.00 N | | |
| ATHENS_STG_2 23670 | 65.02 2.39 -24.56 N | 38.25 2.27 0.00 N | 86.56 3.68 -23.73 N | 115.74 1.79 -85.01 N | 48.46 2.79 0.00 N | 48.47 2.75 0.00 N | 108.37 2.96 -56.31 N | 94.31 1.86 -60.75 N | 66.32 3.65 0.00 N | 86.51 4.58 -6.73 N | 127.40 5.41 -31.33 N | 109.03 3.12 -57.15 N | 113.48 2.27 -75.17 N | 107.74 2.03 -73.67 N | 170.38 1.16 -150.65 N | 103.01 2.30 -65.11 N | 73.70 3.91 -8.37 N | 93.91 5.02 0.09 N | 72.31 3.95 0.00 N | 84.20 4.88 0.00 N | 82.08 4.75 0.00 N | 79.17 3.86 -15.28 N | 52.12 2.86 -4.13 N | 44.39 2.54 0.00 N | | |
| ATHENS_STG_3 | 65.02 | 38.25 | 86.56 | 115.74 | 48.46 | 48.47 | 108.37 | 94.31 | 66.32 | 86.51 | 127.40 | 109.03 | 113.48 | 107.74 | 170.38 | 103.01 | 73.70 | 93.91 | 72.31 | 84.20 | 82.08 | 79.17 | 52.12 | 44.39 | | |

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| 23677 | 2.39 -24.56 N | 2.27 0.00 N | 2.68 -23.73 N | 1.79 -85.01 N | 2.79 0.00 N | 2.75 0.00 N | 2.96 -56.31 N | 1.86 -60.75 N | 3.65 0.00 N | 4.58 -6.73 N | 5.41 -31.33 N | 3.12 -57.15 N | 2.27 -75.17 N | 2.03 -73.67 N | 1.16 -150.65 N | 2.30 -65.11 N | 3.91 -8.37 N | 5.02 0.09 N | 3.95 0.00 N | 4.88 0.00 N | 4.75 0.00 N | 3.86 -15.28 N | 2.86 -4.13 N | 2.54 0.00 N |
| BARRETT_IC_1 23704 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BARRETT_IC_10 23701 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BARRETT_IC_11 23702 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BARRETT_IC_12 23703 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BARRETT_IC_2 23705 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BARRETT_IC_3 23706 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 | | | | | | | | | | | | | |

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| BARRETT___2 23546 | 63.67 3.40 -22.20 N | 39.82 3.85 0.00 N | 86.03 5.43 -21.45 N | 108.46 2.69 -76.82 N | 50.36 4.69 0.00 N | 50.20 4.48 0.00 N | 104.44 4.45 -50.89 N | 89.37 2.76 -54.90 N | 67.90 5.23 0.00 N | 87.53 6.25 -6.08 N | 126.04 7.07 -28.31 N | 104.62 4.22 -51.65 N | 107.46 3.49 -67.93 N | 101.75 3.13 -66.57 N | 156.44 1.73 -136.14 N | 98.15 3.71 -58.84 N | 75.61 6.63 -7.56 N | 116.52 8.65 -18.89 N | 75.02 6.66 0.00 N | 93.56 8.19 -6.04 N | 90.68 8.06 -5.29 N | 93.89 6.39 -27.47 N | 53.48 4.62 -3.73 N | 45.76 3.92 0.00 N |
| BAYONEEC___CTG1 323682 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG2 323683 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG3 323684 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG4 323685 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG5 323686 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG6 323687 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG7 323688 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BAYONEEC___CTG8 323689 | 63.80 3.54 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.31 -21.44 N | 108.32 2.56 -76.82 N | 49.78 4.11 0.00 N | 49.78 4.06 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.37 0.00 N | 88.14 6.87 -6.08 N | 126.83 7.86 -28.31 N | 104.96 4.57 -51.64 N | 107.36 3.40 -67.92 N | 101.65 3.04 -66.57 N | 156.36 1.67 -136.12 N | 97.94 3.50 -58.83 N | 75.26 6.28 -7.56 N | 97.00 8.12 0.09 N | 74.58 6.22 0.00 N | 87.00 7.68 0.00 N | 84.70 7.38 0.00 N | 97.71 5.88 -13.80 N | 53.02 4.16 -3.73 N | 45.45 3.61 0.00 N |
| BEACON___LESR 323632 | 69.05 2.92 -28.06 N | 38.70 2.72 0.00 N | 90.94 4.68 -27.11 N | 128.27 2.22 -97.12 N | 49.04 3.37 0.00 N | 49.00 3.29 0.00 N | 116.90 3.47 -64.33 N | 103.34 2.25 -69.40 N | 67.20 4.53 0.00 N | 88.43 5.53 -7.70 N | 133.09 6.63 -35.80 N | 117.66 3.62 -65.29 N | 124.55 2.65 -85.87 N | 118.52 2.32 -84.16 N | 192.02 1.36 -172.10 N | 112.52 2.54 -74.38 N | 75.43 4.45 -9.56 N | 94.70 5.80 0.07 N | 72.89 4.53 0.00 N | 84.92 5.60 0.00 N | 82.65 5.33 0.00 N | 81.70 4.18 -17.49 N | 53.25 3.39 -4.73 N | 44.86 3.01 0.00 N |
| BEAVER RIVER___HYD 24048 | 37.89 -0.18 0.00 N | 35.73 -0.24 0.00 N | 58.63 -0.53 0.00 N | 28.79 -0.15 0.00 N | 45.37 -0.30 0.00 N | 45.46 -0.26 0.00 N | 48.72 -0.37 0.00 N | 31.64 -0.06 0.00 N | 62.82 0.15 0.00 N | 75.55 0.36 0.00 N | 91.46 0.80 0.00 N | 49.31 0.56 0.00 N | 36.45 0.41 0.00 N | 32.47 0.43 0.00 N | 18.81 0.24 0.00 N | 35.91 0.31 0.00 N | 62.33 0.91 0.00 N | 90.41 1.43 0.00 N | 69.50 1.14 0.00 N | 80.50 1.17 0.00 N | 77.96 0.64 0.00 N | 60.93 0.90 0.00 N | 45.64 0.51 0.00 N | 42.32 0.47 0.00 N |
| BEEBEE_GT_13 23619 | 39.59 -1.16 -2.68 N | 34.75 -1.23 0.00 N | 59.05 -2.69 -2.59 N | 36.88 -1.33 -9.27 N | 43.49 -2.18 0.00 N | 43.70 -2.02 0.00 N | 53.06 -2.18 -6.14 N | 36.54 -1.79 -6.63 N | 58.86 -3.75 0.06 N | 65.24 -4.50 5.45 N | 76.45 -5.91 8.30 N | 50.38 -2.67 -4.30 N | 42.09 -2.06 -8.11 N | 38.42 -1.65 -8.03 N | 34.08 -0.92 -16.43 N | 41.03 -1.67 -7.10 N | 58.86 -3.46 -0.91 N | 84.05 -5.47 -0.54 N | 64.86 -3.50 0.00 N | 76.54 -2.79 0.00 N | 74.63 -2.69 0.00 N | 58.83 -2.87 -1.67 N | 43.37 -2.21 -0.45 N | 39.93 -1.91 0.00 N |
| BETHLEHEM___GRP 23843 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N |
| BETHLEHEM___GS1 323560 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 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 |
| BETHLEHEM___GS2 323561 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N | |
| BETHLEHEM___GS3 323562 | 68.71 2.48 -28.15 N | 38.32 2.34 0.00 N | 90.25 3.89 -27.20 N | 128.30 1.92 -97.45 N | 48.61 2.94 0.00 N | 48.51 2.79 0.00 N | 116.47 2.83 -64.55 N | 103.13 1.80 -69.63 N | 66.20 3.53 0.00 N | 87.31 4.39 -7.72 N | 131.79 5.21 -35.92 N | 117.18 2.92 -65.51 N | 124.32 2.13 -86.15 N | 118.41 1.92 -84.44 N | 192.35 1.11 -172.68 N | 112.28 2.05 -74.63 N | 74.39 3.38 -9.59 N | 93.27 4.37 0.07 N | 71.85 3.50 0.00 N | 83.57 4.24 0.00 N | 81.49 4.16 0.00 N | 80.97 3.39 -17.55 N | 52.64 2.76 -4.75 N | 44.35 2.50 0.00 N | |
| BETHLEHEM___STEEL 23779 | 39.15 -2.55 -3.63 N | 33.73 -2.24 0.00 N | 58.13 -4.53 -3.51 N | 39.26 -2.24 -12.56 N | 42.03 -3.65 0.00 N | 42.12 -3.60 0.00 N | 53.55 -3.86 -8.32 N | 37.42 -3.25 -8.97 N | 55.52 -6.87 0.28 N | 38.74 -8.13 28.32 N | 31.97 -9.86 48.83 N | 43.85 -4.86 0.04 N | 42.98 -3.79 -10.73 N | 39.86 -3.06 -10.88 N | 39.12 -1.70 -22.25 N | 42.13 -3.09 -9.62 N | 56.29 -6.36 -1.23 N | 74.90 -9.39 4.69 N | 61.93 -6.43 0.00 N | 73.37 -5.96 0.00 N | 71.85 -5.47 0.00 N | 57.10 -5.19 -2.26 N | 41.97 -3.76 -0.61 N | 38.69 -3.15 0.00 N | |
| BETHPAGE_CC_5 323564 | 63.71 3.45 -22.20 N | 39.89 3.91 0.00 N | 86.16 5.56 -21.45 N | 108.53 2.77 -76.82 N | 50.42 4.75 0.00 N | 50.28 4.56 0.00 N | 104.56 4.57 -50.89 N | 89.35 2.75 -54.90 N | 67.71 5.04 0.00 N | 87.31 6.03 -28.31 N | 125.83 6.86 -51.65 N | 104.52 4.12 -67.93 N | 107.45 3.49 -66.57 N | 101.72 3.10 -136.14 N | 156.42 1.72 -58.84 N | 98.03 3.59 -7.56 N | 75.29 6.31 -18.89 N | 116.16 8.29 0.00 N | 74.75 6.39 0.00 N | 93.39 8.02 -6.04 N | 90.60 7.98 -5.29 N | 93.90 6.40 -27.47 N | 53.60 4.74 -3.73 N | 45.87 4.02 0.00 N | |
| BINGHAMTON___COGEN 23790 | 45.54 0.25 -7.21 N | 36.36 0.38 0.00 N | 66.62 0.50 -6.97 N | 54.14 0.23 -24.96 N | 45.97 0.30 0.00 N | 45.93 0.21 0.00 N | 66.19 0.56 -16.54 N | 49.63 0.09 -17.84 N | 63.03 0.31 -0.05 N | 83.04 0.69 -7.16 N | 110.38 0.70 -19.02 N | 67.97 0.81 -18.41 N | 58.60 0.41 -22.14 N | 54.08 0.41 -21.63 N | 63.05 0.24 -44.23 N | 55.24 0.52 -19.12 N | 64.44 0.56 -2.46 N | 88.97 0.52 0.53 N | 69.02 0.66 0.00 N | 80.76 1.44 0.00 N | 78.65 1.32 0.00 N | 65.33 0.81 -4.49 N | 46.80 0.46 -1.21 N | 42.25 0.40 0.00 N | |
| BLACK RIVER___HYD 24047 | 39.13 0.24 -0.82 N | 36.13 0.15 0.00 N | 60.02 0.07 -0.79 N | 31.90 0.11 -2.85 N | 45.77 0.10 0.00 N | 45.83 0.11 0.00 N | 51.18 0.20 -1.89 N | 33.99 0.26 -2.03 N | 63.48 0.81 0.00 N | 76.64 1.22 -0.23 N | 93.63 1.92 -1.05 N | 51.93 1.27 -1.91 N | 39.42 0.87 -2.52 N | 35.25 0.74 -2.47 N | 24.04 0.43 -5.04 N | 38.44 0.65 -2.18 N | 63.16 1.46 -0.28 N | 91.41 2.44 0.00 N | 70.38 2.02 0.00 N | 81.62 2.30 0.00 N | 79.12 1.79 0.00 N | 62.07 1.53 -0.51 N | 46.21 0.94 -0.14 N | 42.60 0.75 0.00 N | |
| BLISS_WT_PWR 323608 | 39.89 -1.85 -3.66 N | 34.88 -1.10 0.00 N | 60.34 -2.36 -3.54 N | 40.29 -1.33 -12.68 N | 43.48 -2.19 0.00 N | 43.92 -1.80 0.00 N | 56.10 -1.40 -8.40 N | 38.72 -2.04 -9.06 N | 58.17 -4.22 0.28 N | 42.57 -4.73 27.90 N | 37.21 -5.42 48.03 N | 46.98 -1.94 -0.17 N | 45.28 -1.60 -10.84 N | 41.88 -1.15 -10.99 N | 40.46 -0.58 -22.47 N | 44.55 -0.77 -9.71 N | 60.93 -1.74 -1.25 N | 82.04 -2.30 4.64 N | 67.58 -0.78 0.00 N | 79.92 0.60 0.00 N | 77.99 0.66 0.00 N | 61.37 -0.94 -2.28 N | 44.75 -0.99 -0.62 N | 41.04 -0.81 0.00 N | |
| BLUE_CIRC_CHEM_DRP 24182 | 67.94 2.04 -27.83 N | 38.08 2.10 0.00 N | 89.52 3.47 -26.90 N | 126.99 1.71 -96.34 N | 48.30 2.63 0.00 N | 48.29 2.56 0.00 N | 115.64 2.73 -63.82 N | 102.26 1.71 -68.85 N | 66.00 3.33 0.00 N | 87.00 4.17 -7.64 N | 131.09 4.91 -35.51 N | 116.31 2.79 -64.77 N | 123.26 2.04 -85.19 N | 117.36 1.83 -83.49 N | 190.36 1.06 -170.72 N | 111.41 2.02 -73.79 N | 74.26 3.36 -9.48 N | 93.26 4.36 0.07 N | 71.82 3.45 0.00 N | 83.57 4.25 0.00 N | 81.49 4.16 0.00 N | 80.75 3.37 -17.35 N | 52.42 2.60 -4.69 N | 44.18 2.33 0.00 N | |
| BOC_GAS_DRP 24189 | 68.10 1.92 -28.11 N | 37.81 1.83 0.00 N | 89.36 3.04 -27.16 N | 127.73 1.49 -97.30 N | 47.95 2.28 0.00 N | 47.93 2.22 0.00 N | 115.88 2.33 -64.46 N | 102.71 1.48 -69.53 N | 65.54 2.87 0.00 N | 86.49 3.58 -7.71 N | 130.78 4.26 -35.87 N | 116.59 2.42 -65.41 N | 123.84 1.77 -86.03 N | 117.95 1.59 -84.32 N | 191.91 0.91 -172.43 N | 111.86 1.73 -74.52 N | 73.82 2.83 -9.58 N | 92.49 3.59 0.07 N | 71.25 2.89 0.00 N | 82.90 3.57 0.00 N | 80.83 3.50 0.00 N | 80.44 2.88 -17.53 N | 52.14 2.28 -4.74 N | 43.88 2.03 0.00 N | |
| BORALEX_4TH_BRANCH 23824 | 69.92 3.49 -28.36 N | 39.19 3.22 0.00 N | 92.03 5.47 -27.41 N | 129.88 2.76 -98.17 N | 49.83 4.16 0.00 N | 49.86 4.14 0.00 N | 118.68 4.55 -65.03 N | 104.89 3.03 -70.15 N | 68.53 5.86 0.00 N | 90.21 7.23 -7.78 N | 135.93 9.08 -36.19 N | 119.56 4.82 -66.00 N | 126.34 3.50 -86.80 N | 120.26 3.15 -85.07 N | 194.39 1.85 -173.97 N | 114.24 3.45 -75.19 N | 76.99 5.91 -9.66 N | 96.83 7.93 0.07 N | 74.55 6.19 0.00 N | 86.74 7.41 0.00 N | 84.63 7.31 0.00 N | 83.48 5.78 -17.67 N | 54.24 4.33 -4.78 N | 45.72 3.87 0.00 N | |
| BOWLINE___1 23526 | 62.91 3.13 -21.70 N | 38.97 2.99 0.00 N | 84.76 4.63 -20.97 N | 106.29 2.23 -75.12 N | 49.26 3.60 0.00 N | 49.25 3.54 0.00 N | 102.61 3.76 -49.76 N | 87.72 2.34 -53.68 N | 67.23 4.56 0.00 N | 86.94 5.79 -5.95 N | 125.11 6.76 -27.68 N | 103.21 3.97 -50.50 N | 105.35 2.90 -66.42 N | 99.70 2.57 -65.09 N | 153.11 1.43 -133.11 N | 96.08 2.95 -57.53 N | 74.03 5.21 -7.39 N | 95.56 6.68 0.09 N | 73.51 5.15 0.00 N | 85.75 6.43 0.00 N | 83.54 6.21 0.00 N | 78.57 5.04 -13.50 N | 52.36 3.58 -3.65 N | 45.00 3.16 0.00 N | |
| BOWLINE___2 23595 | 62.94 3.17 -21.70 N | 39.00 3.02 0.00 N | 84.82 4.69 -20.97 N | 106.35 2.28 -75.13 N | 49.31 3.65 0.00 N | 49.28 3.56 0.00 N | 102.67 3.81 -49.77 N | 87.77 2.38 -53.69 N | 67.31 4.64 0.00 N | 87.06 5.92 -5.95 N | 125.23 6.88 -27.69 N | 103.30 4.04 -50.51 N | 105.42 2.96 -66.43 N | 99.76 2.62 -65.10 N | 153.16 1.46 -133.13 N | 96.15 3.01 -57.54 N | 74.13 5.31 -7.39 N | 95.71 6.83 0.09 N | 73.61 5.25 0.00 N | 85.87 6.54 0.00 N | 83.67 6.35 0.00 N | 78.65 5.13 -13.50 N | 52.40 3.63 -3.65 N | 45.02 3.17 0.00 N | |
| BROOKHAVEN___DRP 24191 | 63.58 3.31 -22.20 N | 40.25 4.27 0.00 N | 86.52 5.92 -21.45 N | 108.77 3.00 -76.82 N | 51.01 5.34 0.00 N | 50.95 5.23 0.00 N | 104.99 5.00 -50.89 N | 89.63 3.03 -54.90 N | 67.79 5.11 0.00 N | 87.26 5.98 -6.08 N | 125.68 6.70 -28.31 N | 104.34 3.95 -51.65 N | 107.35 3.38 -67.93 N | 101.62 3.01 -66.57 N | 156.38 1.67 -136.14 N | 98.04 3.61 -58.84 N | 75.46 6.48 -7.56 N | 116.40 8.53 -18.89 N | 74.91 6.55 0.00 N | 93.64 8.28 -6.04 N | 90.82 8.19 -5.29 N | 93.88 6.38 -27.47 N | 53.43 4.57 -3.73 N | 45.85 4.00 0.00 N | |
| BROOKLYN_NAVY_YARD | 63.76 | 39.35 | 85.78 | 108.25 | 49.68 | 49.67 | 104.23 | 89.23 | 67.89 | 88.04 | 126.73 | 104.90 | 107.31 | 101.62 | 156.33 | 97.90 | 75.16 | 96.89 | 74.52 | 86.92 | 84.60 | 79.60 | 52.97 | 45.39 | |

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| 23515 | 3.50 -22.19 N | 3.37 0.00 N | 5.18 -21.44 N | 2.49 -76.82 N | 4.01 0.00 N | 3.95 0.00 N | 4.25 -50.89 N | 2.64 -54.89 N | 5.22 0.00 N | 6.76 -6.08 N | 7.76 -28.31 N | 4.51 -51.64 N | 3.35 -67.92 N | 3.01 -66.57 N | 1.64 -136.12 N | 3.47 -58.83 N | 6.18 -7.56 N | 8.01 0.09 N | 6.16 0.00 N | 7.60 0.00 N | 7.27 0.00 N | 5.77 -13.80 N | 4.11 -3.73 N | 3.54 0.00 N |
| BROOKLYN___ARMY_DRP 323595 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| BROOME_2_LFGE 323671 | 45.54 0.25 -7.21 N | 36.36 0.38 0.00 N | 66.62 0.50 -6.97 N | 54.14 0.23 -24.96 N | 45.97 0.30 0.00 N | 45.93 0.21 0.00 N | 66.19 0.56 -16.54 N | 49.63 0.09 -17.84 N | 63.03 0.31 -0.05 N | 83.04 0.69 -7.16 N | 110.38 0.70 -19.02 N | 67.97 0.81 -18.41 N | 58.60 0.41 -22.14 N | 54.08 0.41 -21.63 N | 63.05 0.24 -44.23 N | 55.24 0.52 -19.12 N | 64.44 0.56 -2.46 N | 88.97 0.52 0.53 N | 69.02 0.66 0.00 N | 80.76 1.44 0.00 N | 78.65 1.32 0.00 N | 65.33 0.81 -4.49 N | 46.80 0.46 -1.21 N | 42.25 0.40 0.00 N |
| BROOME___LFGE 323600 | 45.54 0.25 -7.21 N | 36.36 0.38 0.00 N | 66.62 0.50 -6.97 N | 54.14 0.23 -24.96 N | 45.97 0.30 0.00 N | 45.93 0.21 0.00 N | 66.19 0.56 -16.54 N | 49.63 0.09 -17.84 N | 63.03 0.31 -0.05 N | 83.04 0.69 -7.16 N | 110.38 0.70 -19.02 N | 67.97 0.81 -18.41 N | 58.60 0.41 -22.14 N | 54.08 0.41 -21.63 N | 63.05 0.24 -44.23 N | 55.24 0.52 -19.12 N | 64.44 0.56 -2.46 N | 88.97 0.52 0.53 N | 69.02 0.66 0.00 N | 80.76 1.44 0.00 N | 78.65 1.32 0.00 N | 65.33 0.81 -4.49 N | 46.80 0.46 -1.21 N | 42.25 0.40 0.00 N |
| BURROWS___LYONSDAL 23803 | 38.36 0.29 0.00 N | 36.22 0.24 0.00 N | 59.45 0.29 0.00 N | 29.14 0.20 0.00 N | 45.94 0.27 0.00 N | 46.01 0.29 0.00 N | 49.42 0.33 0.00 N | 31.99 0.29 0.00 N | 63.44 0.76 0.00 N | 76.27 1.07 0.00 N | 92.16 1.50 0.00 N | 49.68 0.93 0.00 N | 36.70 0.66 0.00 N | 32.65 0.60 0.00 N | 18.92 0.34 0.00 N | 36.18 0.58 0.00 N | 62.57 1.15 0.00 N | 90.74 1.76 0.00 N | 69.74 1.39 0.00 N | 80.92 1.59 0.00 N | 78.58 1.25 0.00 N | 61.12 1.09 0.00 N | 45.82 0.69 0.00 N | 42.45 0.60 0.00 N |
| CAITHNESS_CC_1 323624 | 63.61 3.34 -22.20 N | 40.20 4.22 0.00 N | 86.45 5.85 -21.45 N | 108.72 2.95 -76.82 N | 50.92 5.24 0.00 N | 50.84 5.12 0.00 N | 104.90 4.91 -50.89 N | 89.59 2.99 -54.90 N | 67.82 5.15 0.00 N | 87.33 6.05 -6.08 N | 125.73 6.76 -28.31 N | 104.39 4.00 -51.65 N | 107.38 3.42 -67.93 N | 101.66 3.04 -66.57 N | 156.40 1.69 -136.14 N | 98.08 3.64 -58.84 N | 75.49 6.51 -7.56 N | 116.40 8.53 -18.89 N | 74.91 6.55 0.00 N | 93.66 8.29 -6.04 N | 90.84 8.21 -5.29 N | 93.92 6.42 -27.47 N | 53.46 4.60 -3.73 N | 45.86 4.01 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 63.70 3.44 -22.20 N | 39.85 3.87 0.00 N | 86.11 5.51 -21.45 N | 108.50 2.74 -76.82 N | 50.36 4.70 0.00 N | 50.23 4.52 0.00 N | 104.52 4.53 -50.89 N | 89.29 2.69 -54.90 N | 67.68 5.01 0.00 N | 87.32 6.04 -6.08 N | 126.02 7.05 -28.31 N | 104.61 4.22 -51.65 N | 107.48 3.52 -67.93 N | 101.74 3.12 -66.57 N | 156.44 1.73 -136.14 N | 98.02 3.58 -58.84 N | 75.27 6.29 -7.56 N | 116.18 8.31 -18.89 N | 74.74 6.38 0.00 N | 93.36 8.00 -6.04 N | 90.73 8.11 -5.29 N | 93.97 6.47 -27.47 N | 53.58 4.72 -3.73 N | 45.84 4.00 0.00 N |
| CALPINE_BETH_PAGE_GT_4 323586 | 63.70 3.44 -22.20 N | 39.85 3.87 0.00 N | 86.11 5.51 -21.45 N | 108.50 2.74 -76.82 N | 50.36 4.70 0.00 N | 50.23 4.52 0.00 N | 104.52 4.53 -50.89 N | 89.29 2.69 -54.90 N | 67.68 5.01 0.00 N | 87.32 6.04 -6.08 N | 126.02 7.05 -28.31 N | 104.61 4.22 -51.65 N | 107.48 3.52 -67.93 N | 101.74 3.12 -66.57 N | 156.44 1.73 -136.14 N | 98.02 3.58 -58.84 N | 75.27 6.29 -7.56 N | 116.18 8.31 -18.89 N | 74.74 6.38 0.00 N | 93.36 8.00 -6.04 N | 90.73 8.11 -5.29 N | 93.97 6.47 -27.47 N | 53.58 4.72 -3.73 N | 45.84 4.00 0.00 N |
| CALPINE_BP_GT1 23823 | 63.70 3.44 -22.20 N | 39.85 3.87 0.00 N | 86.11 5.51 -21.45 N | 108.50 2.74 -76.82 N | 50.36 4.70 0.00 N | 50.23 4.52 0.00 N | 104.52 4.53 -50.89 N | 89.29 2.69 -54.90 N | 67.68 5.01 0.00 N | 87.32 6.04 -6.08 N | 126.02 7.05 -28.31 N | 104.61 4.22 -51.65 N | 107.48 3.52 -67.93 N | 101.74 3.12 -66.57 N | 156.44 1.73 -136.14 N | 98.02 3.58 -58.84 N | 75.27 6.29 -7.56 N | 116.18 8.31 -18.89 N | 74.74 6.38 0.00 N | 93.36 8.00 -6.04 N | 90.73 8.11 -5.29 N | 93.97 6.47 -27.47 N | 53.58 4.72 -3.73 N | 45.84 4.00 0.00 N |
| CALSPAN___DRP 24200 | 39.15 -2.55 -3.63 N | 33.73 -2.24 0.00 N | 58.13 -4.53 -3.51 N | 39.26 -2.24 -12.56 N | 42.03 -3.65 0.00 N | 42.12 -3.60 0.00 N | 53.55 -3.86 -8.32 N | 37.42 -3.25 -8.97 N | 55.52 -6.87 0.28 N | 38.74 -8.13 28.32 N | 31.97 -9.86 48.83 N | 43.85 -4.86 0.04 N | 42.98 -3.79 -10.73 N | 39.86 -3.06 -10.88 N | 39.12 -1.70 -22.25 N | 42.13 -3.09 -9.62 N | 56.29 -6.36 -1.23 N | 74.90 -9.39 4.69 N | 61.93 -6.43 0.00 N | 73.37 -5.96 0.00 N | 71.85 -5.47 0.00 N | 57.10 -5.19 -2.26 N | 41.97 -3.76 -0.61 N | 38.69 -3.15 0.00 N |
| CANDIGU_WT_PWR 323617 | 42.06 -0.86 -4.86 N | 35.39 -0.59 0.00 N | 62.42 -1.43 -4.69 N | 45.00 -0.75 -16.82 N | 44.34 -1.33 0.00 N | 44.27 -1.45 0.00 N | 59.18 -1.06 -11.14 N | 42.50 -1.21 -12.02 N | 60.90 -2.28 -0.51 N | 125.31 -2.30 -52.42 N | 189.33 -2.97 -101.65 N | 74.73 -0.94 -26.92 N | 50.65 -0.94 -15.55 N | 45.95 -0.66 -14.57 N | 48.04 -0.34 -29.80 N | 48.01 -0.47 -12.88 N | 61.60 -1.48 -1.66 N | 86.64 -2.33 0.00 N | 67.13 -1.23 0.00 N | 79.14 -0.19 0.00 N | 77.12 -0.21 0.00 N | 62.22 -0.84 -3.02 N | 45.17 -0.77 -0.82 N | 41.20 -0.64 0.00 N |
| CARR STREET_E_SYR 24060 | 39.49 -0.45 -1.88 N | 35.59 -0.39 0.00 N | 60.05 -0.92 -1.82 N | 35.01 -0.43 -6.50 N | 44.91 -0.76 0.00 N | 44.93 -0.78 0.00 N | 52.67 -0.73 -4.31 N | 35.76 -0.59 -4.64 N | 61.56 -1.11 0.00 N | 74.55 -1.16 -0.52 N | 91.57 -1.49 -2.40 N | 52.47 -0.64 -4.37 N | 41.23 -0.55 -5.75 N | 37.23 -0.45 -5.63 N | 29.83 -0.25 -11.52 N | 40.07 -0.50 -4.98 N | 61.02 -1.04 -0.64 N | 87.45 -1.53 0.00 N | 67.40 -0.96 0.00 N | 78.47 -0.86 0.00 N | 76.42 -0.91 0.00 N | 60.28 -0.92 -1.17 N | 44.67 -0.78 -0.31 N | 41.13 -0.72 0.00 N |
| CARTHAGE___PAPER 23857 | 38.87 0.10 -0.70 N | 36.00 0.02 0.00 N | 59.70 -0.13 -0.67 N | 31.38 0.03 -2.41 N | 45.65 -0.02 0.00 N | 45.73 0.01 0.00 N | 50.71 0.02 -1.60 N | 33.59 0.17 -1.72 N | 63.29 0.62 0.00 N | 76.36 0.97 -0.19 N | 93.14 1.59 -0.89 N | 51.41 1.04 -1.62 N | 38.90 0.73 -2.13 N | 34.78 0.65 -2.09 N | 23.22 0.38 -4.27 N | 38.01 0.56 -1.85 N | 62.97 1.32 -0.24 N | 91.14 2.16 0.00 N | 70.11 1.75 0.00 N | 81.26 1.93 0.00 N | 78.73 1.40 0.00 N | 61.81 1.35 -0.43 N | 46.06 0.82 -0.12 N | 42.54 0.69 0.00 N |
| CE_DUNWOOD___DRP 24194 | 63.61 3.37 -22.17 N | 39.22 3.24 0.00 N | 85.63 5.05 -21.42 N | 108.12 2.45 -76.73 N | 49.59 3.92 0.00 N | 49.58 3.86 0.00 N | 104.08 4.15 -50.83 N | 89.15 2.61 -54.83 N | 67.81 5.14 0.00 N | 87.78 6.51 -6.08 N | 126.55 7.62 -28.28 N | 104.75 4.42 -51.59 N | 107.14 3.26 -67.85 N | 101.44 2.90 -66.50 N | 156.16 1.61 -135.98 N | 97.70 3.33 -58.77 N | 74.85 5.88 -7.55 N | 96.56 7.68 0.09 N | 74.28 5.92 0.00 N | 86.64 7.32 0.00 N | 84.39 7.07 0.00 N | 79.46 5.64 -13.79 N | 52.87 4.01 -3.73 N | 45.33 3.48 0.00 N |

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| CE_MILLWOOD___DRP 24193 | 63.46 3.27 -22.12 N | 39.11 3.13 0.00 N | 85.41 4.89 -21.37 N | 107.86 2.37 -76.55 N | 49.46 3.79 0.00 N | 49.46 3.74 0.00 N | 103.82 4.02 -50.71 N | 88.93 2.53 -54.70 N | 67.63 4.96 0.00 N | 87.57 6.31 -6.06 N | 126.25 7.38 -28.21 N | 104.50 4.29 -51.46 N | 106.87 3.15 -67.68 N | 101.18 2.80 -66.33 N | 155.78 1.56 -135.65 N | 97.43 3.20 -58.63 N | 74.63 5.68 -7.53 N | 96.28 7.39 0.09 N | 74.07 5.71 0.00 N | 86.36 7.04 0.00 N | 84.15 6.82 0.00 N | 79.24 5.45 -13.75 N | 52.72 3.88 -3.72 N | 45.21 3.37 0.00 N |
| CE_NYC2_DRP 24202 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.21 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.62 -50.89 N | 89.49 2.89 -54.89 N | 68.41 5.73 -0.01 N | 88.54 7.26 -6.08 N | 127.32 8.35 -28.31 N | 105.25 4.86 -51.65 N | 107.58 3.62 -67.92 N | 103.57 3.24 -68.29 N | 156.49 1.79 -136.13 N | 99.01 3.72 -59.69 N | 75.60 6.61 -7.57 N | 97.52 8.63 0.09 N | 75.01 6.65 -0.01 N | 87.47 8.15 0.00 N | 85.15 7.82 0.00 N | 80.06 6.23 -13.80 N | 53.31 4.45 -3.73 N | 45.69 3.84 0.00 N |
| CE_NYC_DRP 24195 | 63.85 3.58 -22.19 N | 39.45 3.47 0.00 N | 85.97 5.37 -21.44 N | 108.35 2.59 -76.82 N | 49.83 4.16 0.00 N | 49.83 4.11 0.00 N | 104.39 4.40 -50.89 N | 89.35 2.75 -54.89 N | 68.13 5.46 0.00 N | 88.25 6.97 -6.08 N | 127.01 8.04 -28.31 N | 105.06 4.67 -51.64 N | 107.43 3.47 -67.92 N | 101.73 3.12 -66.57 N | 156.40 1.71 -136.12 N | 98.01 3.58 -58.83 N | 75.36 6.38 -7.56 N | 97.17 8.28 0.09 N | 74.72 6.36 0.00 N | 87.14 7.82 0.00 N | 84.84 7.51 0.00 N | 79.78 5.96 -13.80 N | 53.09 4.23 -3.73 N | 45.51 3.66 0.00 N |
| CHAFFEE___LFGE 323603 | 40.28 -1.43 -3.65 N | 34.77 -1.21 0.00 N | 59.86 -2.82 -3.52 N | 40.16 -1.40 -12.61 N | 43.35 -2.32 0.00 N | 43.50 -2.22 0.00 N | 55.22 -2.24 -8.36 N | 38.53 -2.18 -9.01 N | 57.83 -4.56 0.28 N | 41.89 -5.19 28.12 N | 36.02 -6.20 48.44 N | 45.99 -2.82 -0.06 N | 44.49 -2.32 -10.78 N | 41.18 -1.80 -10.93 N | 39.94 -0.99 -22.36 N | 43.52 -1.74 -9.66 N | 58.72 -3.94 -1.24 N | 78.64 -5.67 4.66 N | 64.96 -3.40 0.00 N | 76.88 -2.44 0.00 N | 75.18 -2.15 0.00 N | 59.54 -2.76 -2.27 N | 43.67 -2.08 -0.61 N | 40.08 -1.77 0.00 N |
| CHATEAUG_WT_PWR 323614 | 36.60 -1.47 0.00 N | 34.58 -1.40 0.00 N | 57.58 -1.58 0.00 N | 28.42 -0.52 0.00 N | 44.87 -0.80 0.00 N | 45.11 -0.60 0.00 N | 48.38 -0.71 0.00 N | 31.48 -0.22 0.00 N | 62.14 -0.53 0.00 N | 74.42 -0.77 0.00 N | 89.69 -0.97 0.00 N | 47.70 -1.05 0.00 N | 35.60 -0.44 0.00 N | 31.72 -0.32 0.00 N | 18.40 -0.17 0.00 N | 35.28 -0.32 0.00 N | 61.16 -0.26 0.00 N | 88.78 -0.20 0.00 N | 67.91 -0.45 0.00 N | 78.48 -0.84 0.00 N | 76.21 -1.11 0.00 N | 59.21 -0.82 0.00 N | 44.46 -0.66 0.00 N | 41.53 -0.32 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 36.80 -1.27 0.00 N | 34.76 -1.22 0.00 N | 57.80 -1.35 0.00 N | 28.49 -0.45 0.00 N | 44.99 -0.68 0.00 N | 45.24 -0.48 0.00 N | 48.50 -0.60 0.00 N | 31.58 -0.12 0.00 N | 62.37 -0.30 0.00 N | 74.67 -0.52 0.00 N | 89.98 -0.68 0.00 N | 47.91 -0.83 0.00 N | 35.74 -0.29 0.00 N | 31.84 -0.20 0.00 N | 18.47 -0.10 0.00 N | 35.40 -0.21 0.00 N | 61.37 -0.05 0.00 N | 89.12 0.14 0.00 N | 68.15 -0.21 0.00 N | 78.74 -0.58 0.00 N | 76.47 -0.86 0.00 N | 59.47 -0.56 0.00 N | 44.65 -0.47 0.00 N | 41.67 -0.18 0.00 N |
| CHAUTAUQUA___LFGE 323629 | 39.76 -2.07 -3.77 N | 34.40 -1.58 0.00 N | 59.73 -3.06 -3.64 N | 40.47 -1.52 -13.04 N | 43.14 -2.53 0.00 N | 42.95 -2.76 0.00 N | 55.44 -2.30 -8.64 N | 38.78 -2.24 -9.32 N | 57.80 -4.61 0.27 N | 43.59 -4.96 26.65 N | 39.06 -5.94 45.66 N | 47.20 -2.32 -0.78 N | 45.00 -2.22 -11.18 N | 41.57 -1.78 -11.30 N | 40.69 -1.00 -23.12 N | 43.78 -1.81 -9.99 N | 58.42 -4.28 -1.28 N | 77.80 -6.68 4.49 N | 63.97 -4.39 0.00 N | 75.95 -3.37 0.00 N | 74.10 -3.23 0.00 N | 59.09 -3.28 -2.34 N | 43.26 -2.50 -0.63 N | 39.65 -2.20 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 64.97 3.35 -23.55 N | 39.15 3.17 0.00 N | 86.96 5.04 -22.76 N | 112.92 2.46 -81.52 N | 49.55 3.88 0.00 N | 49.57 3.86 0.00 N | 107.28 4.18 -54.00 N | 92.61 2.66 -58.25 N | 67.92 5.25 0.00 N | 88.26 6.61 -6.46 N | 128.52 7.82 -30.04 N | 108.00 4.45 -54.80 N | 111.38 3.27 -72.08 N | 105.59 2.91 -70.64 N | 164.67 1.64 -144.45 N | 101.35 3.31 -62.43 N | 75.25 5.81 -8.02 N | 96.59 7.70 0.09 N | 74.34 5.98 0.00 N | 86.67 7.35 0.00 N | 84.42 7.09 0.00 N | 80.28 5.62 -14.62 N | 53.13 4.05 -3.95 N | 45.38 3.53 0.00 N |
| CH_MISC_IPPS 23765 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N |
| CH_RES_BVR_FALLS 23983 | 36.19 -0.71 1.18 N | 35.52 -0.46 0.00 N | 57.50 -0.52 1.14 N | 24.64 -0.23 4.07 N | 45.20 -0.47 0.00 N | 45.17 -0.55 0.00 N | 45.48 -0.91 2.70 N | 28.15 -0.64 2.91 N | 61.43 -1.24 0.00 N | 73.49 -1.39 0.32 N | 87.59 -1.57 1.50 N | 45.12 -0.89 2.74 N | 31.93 -0.51 3.60 N | 28.07 -0.44 3.53 N | 11.10 -0.26 7.22 N | 32.04 -0.44 3.12 N | 60.34 -0.68 0.40 N | 87.89 -1.09 0.00 N | 67.28 -1.07 0.00 N | 77.92 -1.40 0.00 N | 75.91 -1.42 0.00 N | 58.36 -0.94 0.73 N | 44.35 -0.58 0.20 N | 41.46 -0.39 0.00 N |
| CH_RES_NIAGARA 23895 | 38.01 -3.45 -3.39 N | 32.81 -3.17 0.00 N | 56.10 -6.33 -3.28 N | 37.59 -3.09 -11.74 N | 40.70 -4.97 0.00 N | 40.85 -4.87 0.00 N | 51.11 -5.76 -7.77 N | 35.58 -4.51 -8.39 N | 52.71 -9.72 0.24 N | 39.01 -11.83 24.35 N | 34.76 -14.34 41.55 N | 41.68 -7.58 -0.52 N | 40.43 -5.66 -10.05 N | 37.57 -4.64 -10.17 N | 36.77 -2.60 -20.80 N | 39.78 -4.81 -8.99 N | 53.11 -9.46 -1.15 N | 70.29 -13.83 4.85 N | 58.50 -9.86 0.00 N | 69.33 -9.99 0.00 N | 68.22 -9.11 0.00 N | 54.03 -8.11 -2.11 N | 39.96 -5.74 -0.57 N | 37.12 -4.72 0.00 N |
| CH_RES_SYRACUSE 23985 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N |
| CLINTON_WT_PWR 323605 | 36.60 -1.47 0.00 N | 34.58 -1.40 0.00 N | 57.58 -1.58 0.00 N | 28.42 -0.52 0.00 N | 44.87 -0.80 0.00 N | 45.11 -0.60 0.00 N | 48.38 -0.71 0.00 N | 31.48 -0.22 0.00 N | 62.14 -0.53 0.00 N | 74.42 -0.77 0.00 N | 89.69 -0.97 0.00 N | 47.70 -1.05 0.00 N | 35.60 -0.44 0.00 N | 31.72 -0.32 0.00 N | 18.40 -0.17 0.00 N | 35.28 -0.32 0.00 N | 61.16 -0.26 0.00 N | 88.78 -0.20 0.00 N | 67.91 -0.45 0.00 N | 78.48 -0.84 0.00 N | 76.21 -1.11 0.00 N | 59.21 -0.82 0.00 N | 44.46 -0.66 0.00 N | 41.53 -0.32 0.00 N |
| CLINTON___LFGE 323618 | 36.96 -1.11 0.00 N | 34.92 -1.06 0.00 N | 58.09 -1.07 0.00 N | 28.69 -0.25 0.00 N | 45.28 -0.39 0.00 N | 45.56 -0.16 0.00 N | 48.94 -0.16 0.00 N | 31.85 0.15 0.00 N | 62.87 0.20 0.00 N | 75.36 0.16 0.00 N | 90.88 0.22 0.00 N | 48.35 -0.39 0.00 N | 36.05 0.01 0.00 N | 32.12 0.07 0.00 N | 18.63 0.06 0.00 N | 35.72 0.12 0.00 N | 61.94 0.52 0.00 N | 89.89 0.91 0.00 N | 68.80 0.44 0.00 N | 79.60 0.28 0.00 N | 77.29 -0.04 0.00 N | 60.00 -0.03 0.00 N | 44.97 -0.16 0.00 N | 41.98 0.14 0.00 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 |
| COLONIE_LFGE__323577 | 70.02 3.30 -28.65 N | 39.01 3.03 0.00 N | 91.84 5.00 -27.68 N | 130.69 2.59 -99.15 N | 49.57 3.90 0.00 N | 49.59 3.87 0.00 N | 119.08 4.31 -65.68 N | 105.34 2.79 -70.85 N | 68.21 5.54 0.00 N | 90.05 7.00 -7.86 N | 135.64 8.43 -36.55 N | 119.93 4.52 -66.66 N | 127.06 3.36 -87.67 N | 120.95 2.99 -85.92 N | 196.01 1.74 -175.70 N | 114.79 3.25 -75.94 N | 76.61 5.43 -9.76 N | 96.35 7.44 0.07 N | 74.15 5.79 0.00 N | 86.23 6.90 0.00 N | 84.09 6.76 0.00 N | 83.23 5.34 -17.85 N | 54.01 4.06 -4.83 N | 45.49 3.64 0.00 N | |
| CORNELL__23752 | 41.87 -0.51 -4.32 N | 35.62 -0.36 0.00 N | 62.32 -1.01 -4.17 N | 43.41 -0.49 -14.96 N | 44.82 -0.85 0.00 N | 44.88 -0.83 0.00 N | 58.30 -0.71 -9.91 N | 41.79 -0.60 -10.69 N | 61.74 -1.00 -0.06 N | 81.57 -0.85 -7.22 N | 106.43 -1.07 -16.85 N | 60.20 -0.47 -11.92 N | 48.88 -0.46 -13.31 N | 44.64 -0.36 -12.96 N | 44.87 -0.20 -26.50 N | 46.66 -0.39 -11.45 N | 62.06 -0.83 -1.47 N | 87.64 -1.14 0.20 N | 67.73 -0.63 0.00 N | 78.95 -0.37 0.00 N | 76.81 -0.52 0.00 N | 61.99 -0.72 -2.69 N | 45.13 -0.72 -0.73 N | 41.26 -0.59 0.00 N | |
| COXSACKIE__GT23611 | 66.19 3.26 -24.87 N | 38.98 3.00 0.00 N | 87.99 4.81 -24.03 N | 117.36 2.36 -86.07 N | 49.34 3.67 0.00 N | 49.37 3.64 0.00 N | 110.06 3.95 -57.01 N | 95.77 2.57 -61.50 N | 67.82 5.15 0.00 N | 88.54 6.52 -6.82 N | 130.20 7.82 -31.72 N | 111.01 4.41 -57.86 N | 115.31 3.18 -76.10 N | 109.44 2.82 -74.58 N | 172.69 1.60 -152.51 N | 104.66 3.14 -65.92 N | 75.30 5.42 -8.47 N | 96.16 7.27 0.08 N | 74.09 5.73 0.00 N | 86.31 6.99 0.00 N | 84.06 6.73 0.00 N | 80.42 5.25 -15.15 N | 53.11 3.89 -4.09 N | 45.25 3.41 0.00 N | |
| CRESCENT__HYD24018 | 70.02 3.30 -28.65 N | 39.01 3.03 0.00 N | 91.84 5.00 -27.68 N | 130.69 2.59 -99.15 N | 49.57 3.90 0.00 N | 49.59 3.87 0.00 N | 119.08 4.31 -65.68 N | 105.34 2.79 -70.85 N | 68.21 5.54 0.00 N | 90.05 7.00 -7.86 N | 135.64 8.43 -36.55 N | 119.93 4.52 -66.66 N | 127.06 3.36 -87.67 N | 120.95 2.99 -85.92 N | 196.01 1.74 -175.70 N | 114.79 3.25 -75.94 N | 76.61 5.43 -9.76 N | 96.35 7.44 0.07 N | 74.15 5.79 0.00 N | 86.23 6.90 0.00 N | 84.09 6.76 0.00 N | 83.23 5.34 -17.85 N | 54.01 4.06 -4.83 N | 45.49 3.64 0.00 N | |
| CRUCIBLE_METL_DRP24180 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N | |
| DANC__LFGE323619 | 39.13 0.24 -0.82 N | 36.13 0.15 0.00 N | 60.02 0.07 -0.79 N | 31.90 0.11 -2.85 N | 45.77 0.10 0.00 N | 45.83 0.11 0.00 N | 51.18 0.20 -1.89 N | 33.99 0.26 -2.03 N | 63.48 0.81 0.00 N | 76.64 1.22 -1.05 N | 93.63 1.92 -1.91 N | 51.93 1.27 -2.52 N | 39.42 0.87 -2.47 N | 35.25 0.74 -5.04 N | 24.04 0.43 -2.18 N | 38.44 0.65 -0.28 N | 63.16 1.46 -0.28 N | 91.41 2.44 0.00 N | 70.38 2.02 0.00 N | 81.62 2.30 0.00 N | 79.12 1.79 0.00 N | 62.07 1.53 -0.51 N | 46.21 0.94 -0.14 N | 42.60 0.75 0.00 N | |
| DANSKAMMER__123586 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N | |
| DANSKAMMER__223589 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N | |
| DANSKAMMER__323590 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N | |
| DANSKAMMER__423591 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N | |
| DANSKAMMER__DIESEL23592 | 64.27 3.51 -22.69 N | 39.31 3.34 0.00 N | 86.35 5.27 -21.92 N | 110.03 2.56 -78.53 N | 49.72 4.05 0.00 N | 49.76 4.04 0.00 N | 105.50 4.38 -52.02 N | 90.61 2.79 -56.12 N | 68.19 5.52 0.00 N | 88.37 6.96 -6.22 N | 127.82 8.22 -28.94 N | 106.24 4.70 -52.80 N | 108.91 3.43 -69.44 N | 103.16 3.06 -68.05 N | 159.46 1.72 -139.16 N | 99.23 3.49 -60.15 N | 75.27 6.12 -7.73 N | 97.08 8.19 0.09 N | 74.72 6.36 0.00 N | 87.09 7.77 0.00 N | 84.84 7.51 0.00 N | 80.05 5.93 -14.09 N | 53.19 4.25 -3.81 N | 45.54 3.70 0.00 N | |
| DASHVILLE__HYD23610 | 64.17 3.19 -22.91 N | 38.97 2.99 0.00 N | 85.95 4.65 -22.14 N | 110.49 2.24 -79.31 N | 49.24 3.56 0.00 N | 49.26 3.54 0.00 N | 105.45 3.82 -52.53 N | 90.80 2.43 -56.67 N | 67.50 4.83 0.00 N | 87.63 6.15 -6.28 N | 127.09 7.20 -29.23 N | 106.14 4.08 -53.31 N | 109.15 3.00 -70.12 N | 103.45 2.68 -68.72 N | 160.60 1.50 -140.53 N | 99.41 3.07 -60.74 N | 74.64 5.41 -7.80 N | 95.90 7.01 0.09 N | 73.77 5.41 0.00 N | 85.98 6.66 0.00 N | 83.76 6.43 0.00 N | 79.33 5.13 -14.17 N | 52.70 3.74 -3.83 N | 45.13 3.29 0.00 N | |
| DELAWARE__LFGE323621 | 49.08 1.58 -9.43 N | 37.52 1.54 0.00 N | 70.75 2.48 -9.11 N | 62.79 1.20 -32.65 N | 47.52 1.84 0.00 N | 47.56 1.84 0.00 N | 72.81 2.09 -21.63 N | 56.27 1.24 -23.33 N | 65.21 2.51 -0.03 N | 83.54 3.21 -5.13 N | 111.26 3.75 -16.85 N | 73.75 2.25 -22.75 N | 66.52 1.58 -28.90 N | 61.74 1.41 -57.86 N | 77.24 0.81 -25.01 N | 62.23 1.63 -3.21 N | 67.26 2.63 0.25 N | 92.24 3.51 0.00 N | 71.22 2.86 0.00 N | 82.97 3.64 0.00 N | 80.82 3.49 0.00 N | 68.63 2.73 -5.87 N | 48.67 1.95 -1.59 N | 43.62 1.77 0.00 N | |
| DOGLEVILLE__HYD | 39.86 | 38.23 | 62.75 | 29.20 | 48.97 | 48.95 | 51.46 | 32.59 | 67.28 | 80.90 | 96.96 | 51.47 | 37.22 | 32.92 | 16.69 | 37.01 | 66.28 | 95.76 | 73.51 | 85.55 | 83.39 | 64.50 | 48.61 | 44.97 | |

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| 23807 | 2.34 0.54 N | 2.25 0.00 N | 4.12 0.52 N | 2.13 1.87 N | 3.30 0.00 N | 3.23 0.00 N | 3.61 1.24 N | 2.22 1.34 N | 4.61 0.00 N | 5.85 0.15 N | 6.99 0.69 N | 3.98 1.26 N | 2.84 1.66 N | 2.50 1.62 N | 1.44 3.32 N | 2.84 1.43 N | 5.05 0.18 N | 6.78 0.00 N | 5.15 0.00 N | 6.23 0.00 N | 6.06 0.00 N | 4.80 0.34 N | 3.58 0.09 N | 3.12 0.00 N |
| DUNKIRK___1 23563 | 39.51 -2.33 -3.77 N | 34.16 -1.82 0.00 N | 59.36 -3.44 -3.65 N | 40.30 -1.70 -13.06 N | 42.84 -2.83 0.00 N | 42.65 -3.07 0.00 N | 55.11 -2.64 -8.65 N | 38.56 -2.47 -9.33 N | 57.34 -5.07 0.26 N | 43.05 -5.55 26.59 N | 38.47 -6.64 45.54 N | 46.85 -2.70 -0.81 N | 44.74 -2.50 -11.19 N | 41.33 -2.03 -11.32 N | 40.58 -1.14 -23.15 N | 43.53 -2.07 -10.00 N | 57.96 -4.74 -1.29 N | 77.14 -7.35 4.48 N | 63.41 -4.95 0.00 N | 75.32 -4.01 0.00 N | 73.48 -3.85 0.00 N | 58.65 -3.73 -2.35 N | 42.95 -2.81 -0.63 N | 39.38 -2.47 0.00 N |
| DUNKIRK___2 23564 | 39.51 -2.33 -3.77 N | 34.16 -1.82 0.00 N | 59.36 -3.44 -3.65 N | 40.30 -1.70 -13.06 N | 42.84 -2.83 0.00 N | 42.65 -3.07 0.00 N | 55.11 -2.64 -8.65 N | 38.56 -2.47 -9.33 N | 57.34 -5.07 0.26 N | 43.05 -5.55 26.59 N | 38.47 -6.64 45.54 N | 46.85 -2.70 -0.81 N | 44.74 -2.50 -11.19 N | 41.33 -2.03 -11.32 N | 40.58 -1.14 -23.15 N | 43.53 -2.07 -10.00 N | 57.96 -4.74 -1.29 N | 77.14 -7.35 4.48 N | 63.41 -4.95 0.00 N | 75.32 -4.01 0.00 N | 73.48 -3.85 0.00 N | 58.65 -3.73 -2.35 N | 42.95 -2.81 -0.63 N | 39.38 -2.47 0.00 N |
| DUNKIRK___3 23565 | 39.46 -2.43 -3.82 N | 33.99 -1.99 0.00 N | 59.03 -3.82 -3.70 N | 40.29 -1.89 -13.23 N | 42.57 -3.10 0.00 N | 42.47 -3.25 0.00 N | 54.82 -3.04 -8.77 N | 38.44 -2.72 -9.46 N | 56.82 -5.60 0.26 N | 42.88 -6.31 26.01 N | 38.58 -7.64 44.43 N | 46.49 -3.36 -1.09 N | 44.50 -2.89 -11.35 N | 41.16 -2.35 -11.47 N | 40.71 -1.32 -23.45 N | 43.35 -2.39 -10.14 N | 57.51 -5.21 -1.30 N | 76.60 -7.96 4.41 N | 62.95 -5.41 0.00 N | 74.68 -4.65 0.00 N | 72.95 -4.37 0.00 N | 58.23 -4.18 -2.38 N | 42.65 -3.12 -0.64 N | 39.14 -2.71 0.00 N |
| DUNKIRK___4 23566 | 39.46 -2.43 -3.82 N | 33.99 -1.99 0.00 N | 59.03 -3.82 -3.70 N | 40.29 -1.89 -13.23 N | 42.57 -3.10 0.00 N | 42.47 -3.25 0.00 N | 54.82 -3.04 -8.77 N | 38.44 -2.72 -9.46 N | 56.82 -5.60 0.26 N | 42.88 -6.31 26.01 N | 38.58 -7.64 44.43 N | 46.49 -3.36 -1.09 N | 44.50 -2.89 -11.35 N | 41.16 -2.35 -11.47 N | 40.71 -1.32 -23.45 N | 43.35 -2.39 -10.14 N | 57.51 -5.21 -1.30 N | 76.60 -7.96 4.41 N | 62.95 -5.41 0.00 N | 74.68 -4.65 0.00 N | 72.95 -4.37 0.00 N | 58.23 -4.18 -2.38 N | 42.65 -3.12 -0.64 N | 39.14 -2.71 0.00 N |
| EAST HAMPTON___GT 23717 | 68.54 8.27 -22.20 N | 44.74 8.76 0.00 N | 93.44 12.84 -21.45 N | 112.14 6.37 -76.82 N | 56.31 10.64 0.00 N | 56.49 10.77 0.00 N | 111.26 11.28 -50.89 N | 93.81 7.21 -54.90 N | 76.57 13.89 0.00 N | 98.67 17.39 -6.08 N | 139.31 20.34 -28.31 N | 111.61 11.21 -51.65 N | 112.49 8.52 -67.93 N | 106.12 7.51 -66.57 N | 159.00 4.29 -136.14 N | 103.14 8.70 -58.84 N | 84.69 15.71 -7.56 N | 131.35 23.48 -18.89 N | 86.50 18.13 0.00 N | 106.92 21.55 -6.04 N | 103.31 20.69 -5.29 N | 103.31 15.81 -27.47 N | 59.97 11.10 -3.73 N | 51.44 9.60 0.00 N |
| EAST RIVER___6 23660 | 63.83 3.57 -22.19 N | 39.40 3.42 0.00 N | 85.89 5.30 -21.44 N | 108.31 2.55 -76.82 N | 49.77 4.10 0.00 N | 49.77 4.05 0.00 N | 104.33 4.35 -50.89 N | 89.30 2.71 -54.89 N | 68.04 5.37 0.00 N | 88.17 6.89 -6.08 N | 126.90 7.93 -28.31 N | 104.98 4.59 -51.64 N | 107.40 3.44 -67.92 N | 101.68 3.07 -66.57 N | 156.38 1.68 -136.12 N | 97.97 3.54 -58.83 N | 75.28 6.30 -7.56 N | 97.06 8.17 0.09 N | 74.64 6.28 0.00 N | 87.03 7.71 0.00 N | 84.74 7.41 0.00 N | 79.71 5.88 -13.80 N | 53.03 4.17 -3.73 N | 45.46 3.61 0.00 N |
| EAST RIVER___7 23524 | 63.83 3.57 -22.19 N | 39.40 3.42 0.00 N | 85.89 5.30 -21.44 N | 108.31 2.55 -76.82 N | 49.77 4.10 0.00 N | 49.77 4.05 0.00 N | 104.33 4.35 -50.89 N | 89.30 2.71 -54.89 N | 68.04 5.37 0.00 N | 88.17 6.89 -6.08 N | 126.90 7.93 -28.31 N | 104.98 4.59 -51.64 N | 107.40 3.44 -67.92 N | 101.68 3.07 -66.57 N | 156.38 1.68 -136.12 N | 97.97 3.54 -58.83 N | 75.28 6.30 -7.56 N | 97.06 8.17 0.09 N | 74.64 6.28 0.00 N | 87.03 7.71 0.00 N | 84.74 7.41 0.00 N | 79.71 5.88 -13.80 N | 53.03 4.17 -3.73 N | 45.46 3.61 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 68.54 8.27 -22.20 N | 44.74 8.76 0.00 N | 93.44 12.84 -21.45 N | 112.14 6.37 -76.82 N | 56.31 10.64 0.00 N | 56.49 10.77 0.00 N | 111.26 11.28 -50.89 N | 93.81 7.21 -54.90 N | 76.57 13.89 0.00 N | 98.67 17.39 -6.08 N | 139.31 20.34 -28.31 N | 111.61 11.21 -51.65 N | 112.49 8.52 -67.93 N | 106.12 7.51 -66.57 N | 159.00 4.29 -136.14 N | 103.14 8.70 -58.84 N | 84.69 15.71 -7.56 N | 131.35 23.48 -18.89 N | 86.50 18.13 0.00 N | 106.92 21.55 -6.04 N | 103.31 20.69 -5.29 N | 103.31 15.81 -27.47 N | 59.97 11.10 -3.73 N | 51.44 9.60 0.00 N |
| EAST_RIVER___1 323558 | 63.85 3.58 -22.19 N | 39.45 3.47 0.00 N | 85.97 5.37 -21.44 N | 108.35 2.59 -76.82 N | 49.83 4.16 0.00 N | 49.83 4.11 0.00 N | 104.39 4.40 -50.89 N | 89.35 2.75 -54.89 N | 68.13 5.46 0.00 N | 88.25 6.97 -6.08 N | 127.01 8.04 -28.31 N | 105.06 4.67 -51.64 N | 107.43 3.47 -67.92 N | 101.73 3.12 -66.57 N | 156.40 1.71 -136.12 N | 98.01 3.58 -58.83 N | 75.36 6.38 -7.56 N | 97.17 8.28 0.09 N | 74.72 6.36 0.00 N | 87.14 7.82 0.00 N | 84.84 7.51 0.00 N | 79.78 5.96 -13.80 N | 53.09 4.23 -3.73 N | 45.51 3.66 0.00 N |
| EAST_RIVER___2 323559 | 63.83 3.57 -22.19 N | 39.40 3.42 0.00 N | 85.89 5.30 -21.44 N | 108.31 2.55 -76.82 N | 49.77 4.10 0.00 N | 49.77 4.05 0.00 N | 104.33 4.35 -50.89 N | 89.30 2.71 -54.89 N | 68.04 5.37 0.00 N | 88.17 6.89 -6.08 N | 126.90 7.93 -28.31 N | 104.98 4.59 -51.64 N | 107.40 3.44 -67.92 N | 101.68 3.07 -66.57 N | 156.38 1.68 -136.12 N | 97.97 3.54 -58.83 N | 75.28 6.30 -7.56 N | 97.06 8.17 0.09 N | 74.64 6.28 0.00 N | 87.03 7.71 0.00 N | 84.74 7.41 0.00 N | 79.71 5.88 -13.80 N | 53.03 4.17 -3.73 N | 45.46 3.61 0.00 N |
| EAST___DELAWARE_HYD 23607 | 60.86 3.54 -19.25 N | 39.38 3.40 0.00 N | 83.18 5.43 -18.60 N | 98.22 2.65 -66.63 N | 49.86 4.19 0.00 N | 49.92 4.21 0.00 N | 97.90 4.67 -44.14 N | 82.27 2.95 -47.61 N | 68.66 5.99 0.00 N | 88.02 7.55 -5.27 N | 124.15 8.94 -24.55 N | 98.60 5.06 -44.79 N | 98.57 3.62 -58.91 N | 92.98 3.20 -57.74 N | 138.46 1.82 -118.07 N | 90.25 3.62 -51.03 N | 74.34 6.36 -6.56 N | 97.78 8.90 0.10 N | 75.28 6.92 0.00 N | 87.66 8.34 0.00 N | 85.30 7.98 0.00 N | 78.11 6.14 -11.95 N | 52.76 4.40 -3.23 N | 45.72 3.87 0.00 N |
| ELEC_TRO_TEK 24086 | 63.46 3.19 -22.20 N | 39.56 3.58 0.00 N | 85.67 5.07 -21.45 N | 108.29 2.52 -76.82 N | 50.00 4.33 0.00 N | 49.87 4.15 0.00 N | 104.16 4.18 -50.89 N | 89.20 2.60 -54.90 N | 67.57 4.90 0.00 N | 87.22 5.94 -6.08 N | 125.74 6.77 -28.31 N | 104.46 4.06 -51.65 N | 107.30 3.34 -67.93 N | 101.61 3.00 -66.57 N | 156.38 1.67 -136.14 N | 97.98 3.54 -58.84 N | 75.25 6.27 -7.56 N | 116.07 8.20 -18.89 N | 74.69 6.33 0.00 N | 93.19 7.82 -6.04 N | 90.28 7.66 -5.29 N | 93.59 6.10 -27.47 N | 53.22 4.36 -3.73 N | 45.54 3.69 0.00 N |
| ELLENBURG_WT_PWR 323604 | 36.60 -1.47 0.00 N | 34.58 -1.40 0.00 N | 57.58 -1.58 0.00 N | 28.42 -0.52 0.00 N | 44.87 -0.80 0.00 N | 45.11 -0.60 0.00 N | 48.38 -0.71 0.00 N | 31.48 -0.22 0.00 N | 62.14 -0.53 0.00 N | 74.42 -0.77 0.00 N | 89.69 -0.97 0.00 N | 47.70 -1.05 0.00 N | 35.60 -0.44 0.00 N | 31.72 -0.32 0.00 N | 18.40 -0.17 0.00 N | 35.28 -0.32 0.00 N | 61.16 -0.26 0.00 N | 88.78 -0.20 0.00 N | 67.91 -0.45 0.00 N | 78.48 -0.84 0.00 N | 76.21 -1.11 0.00 N | 59.21 -0.82 0.00 N | 44.46 -0.66 0.00 N | 41.53 -0.32 0.00 N |

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|----------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| EMPIRE_CC_1 323656 | 68.01 2.61 -27.33 N | 38.41 2.43 0.00 N | 89.66 4.09 -26.41 N | 125.60 2.04 -94.61 N | 48.79 3.12 0.00 N | 48.78 3.06 0.00 N | 115.03 3.27 -62.67 N | 101.45 2.14 -67.61 N | 66.80 4.13 0.00 N | 87.79 5.10 -7.50 N | 131.72 6.19 -34.87 N | 115.75 3.40 -63.61 N | 122.19 2.49 -83.65 N | 116.27 2.24 -81.99 N | 187.53 1.30 -167.66 N | 110.28 2.21 -72.46 N | 74.15 3.42 -9.31 N | 93.12 4.22 0.07 N | 71.81 3.45 0.00 N | 83.45 4.13 0.00 N | 81.49 4.16 0.00 N | 80.51 3.45 -17.02 N | 52.88 3.15 -4.60 N | 44.65 2.81 0.00 N |
| EMPIRE_CC_2 323658 | 68.01 2.61 -27.33 N | 38.41 2.43 0.00 N | 89.66 4.09 -26.41 N | 125.60 2.04 -94.61 N | 48.79 3.12 0.00 N | 48.78 3.06 0.00 N | 115.03 3.27 -62.67 N | 101.45 2.14 -67.61 N | 66.80 4.13 0.00 N | 87.79 5.10 -7.50 N | 131.72 6.19 -34.87 N | 115.75 3.40 -63.61 N | 122.19 2.49 -83.65 N | 116.27 2.24 -81.99 N | 187.53 1.30 -167.66 N | 110.28 2.21 -72.46 N | 74.15 3.42 -9.31 N | 93.12 4.22 0.07 N | 71.81 3.45 0.00 N | 83.45 4.13 0.00 N | 81.49 4.16 0.00 N | 80.51 3.45 -17.02 N | 52.88 3.15 -4.60 N | 44.65 2.81 0.00 N |
| ERIE_WT_PWR 323693 | 39.11 -2.59 -3.63 N | 33.70 -2.28 0.00 N | 58.06 -4.60 -3.51 N | 39.22 -2.28 -12.56 N | 41.98 -3.70 0.00 N | 42.08 -3.64 0.00 N | 53.52 -3.89 -8.32 N | 37.40 -3.28 -8.97 N | 55.48 -6.91 0.28 N | 38.68 -8.19 28.32 N | 31.91 -9.92 48.83 N | 43.83 -4.88 0.04 N | 42.96 -3.80 -10.73 N | 39.85 -3.08 -10.88 N | 39.12 -1.70 -22.25 N | 42.14 -3.08 -9.62 N | 56.31 -6.35 -1.23 N | 74.92 -9.36 4.69 N | 61.94 -6.42 0.00 N | 73.38 -5.95 0.00 N | 71.85 -5.47 0.00 N | 57.11 -5.17 -2.26 N | 41.99 -3.74 -0.61 N | 38.72 -3.13 0.00 N |
| E_CANADA_CAP_HY 24051 | 74.39 0.66 -35.66 N | 36.71 0.74 0.00 N | 94.74 1.13 -34.46 N | 152.93 0.56 -123.44 N | 46.57 0.91 0.00 N | 46.85 1.13 0.00 N | 132.25 1.38 -81.77 N | 120.79 0.89 -88.20 N | 64.41 1.74 0.00 N | 87.52 2.55 -9.78 N | 139.39 3.23 -45.50 N | 133.49 1.76 -82.98 N | 146.45 1.28 -109.13 N | 140.09 1.08 -106.96 N | 237.92 0.62 -218.73 N | 131.33 1.20 -94.54 N | 75.47 1.90 -12.15 N | 92.29 3.43 0.11 N | 71.29 2.94 0.00 N | 82.88 3.55 0.00 N | 80.56 3.23 0.00 N | 84.17 1.93 -22.21 N | 52.39 1.25 -6.01 N | 43.06 1.21 0.00 N |
| E_CANADA_MHWK_HY 24050 | 39.86 2.34 0.54 N | 38.23 2.25 0.00 N | 62.75 4.12 0.52 N | 29.20 2.13 1.87 N | 48.97 3.30 0.00 N | 48.95 3.23 0.00 N | 51.46 3.61 1.24 N | 32.59 2.22 1.34 N | 67.28 4.61 0.00 N | 80.90 5.85 0.15 N | 96.96 6.99 0.69 N | 51.47 3.98 1.26 N | 37.22 2.84 1.66 N | 32.92 2.50 1.62 N | 16.69 1.44 3.32 N | 37.01 2.84 1.43 N | 66.28 5.05 0.18 N | 95.76 6.78 0.00 N | 73.51 5.15 0.00 N | 85.55 6.23 0.00 N | 83.39 6.06 0.00 N | 64.50 4.80 0.34 N | 48.61 3.58 0.09 N | 44.97 3.12 0.00 N |
| E_FISHKILL___LBMP 23776 | 63.79 3.07 -22.64 N | 38.90 2.92 0.00 N | 85.67 4.63 -21.88 N | 109.57 2.26 -78.37 N | 49.25 3.58 0.00 N | 49.25 3.53 0.00 N | 104.81 3.80 -51.91 N | 90.11 2.41 -56.00 N | 67.39 4.73 0.00 N | 87.36 5.96 -6.20 N | 126.58 7.04 -28.88 N | 105.48 4.05 -52.68 N | 108.31 2.97 -69.29 N | 102.60 2.65 -67.91 N | 158.93 1.49 -138.87 N | 98.65 3.03 -60.02 N | 74.46 5.33 -7.71 N | 95.84 6.95 0.09 N | 73.74 5.39 0.00 N | 85.96 6.64 0.00 N | 83.76 6.43 0.00 N | 79.25 5.14 -14.08 N | 52.61 3.68 -3.81 N | 45.06 3.22 0.00 N |
| FAR ROCKAWAY___4 23548 | 64.41 4.15 -22.20 N | 40.46 4.48 0.00 N | 87.08 6.48 -21.45 N | 108.97 3.21 -76.82 N | 51.14 5.47 0.00 N | 51.02 5.30 0.00 N | 105.43 5.45 -50.89 N | 90.02 3.42 -54.90 N | 69.23 6.56 0.00 N | 89.19 7.91 -6.08 N | 128.03 9.06 -28.31 N | 105.69 5.30 -51.65 N | 108.23 4.26 -67.93 N | 102.43 3.81 -66.57 N | 156.85 2.15 -136.14 N | 98.92 4.48 -58.84 N | 76.95 7.97 -7.56 N | 118.64 10.76 -18.89 N | 76.65 8.29 0.00 N | 95.46 10.09 -6.04 N | 92.46 9.84 -5.29 N | 95.21 7.71 -27.47 N | 54.37 5.51 -3.73 N | 46.56 4.71 0.00 N |
| FARRAGUT___LBMP 323566 | 63.81 3.55 -22.19 N | 39.41 3.43 0.00 N | 85.91 5.32 -21.44 N | 108.33 2.57 -76.82 N | 49.80 4.13 0.00 N | 49.80 4.08 0.00 N | 104.33 4.35 -50.89 N | 89.32 2.73 -54.89 N | 68.07 5.40 0.00 N | 88.17 6.89 -6.08 N | 126.91 7.94 -28.31 N | 104.99 4.60 -51.64 N | 107.39 3.44 -67.92 N | 101.68 3.07 -66.57 N | 156.38 1.68 -136.12 N | 97.96 3.53 -58.83 N | 75.27 6.30 -7.56 N | 97.04 8.15 0.09 N | 74.63 6.27 0.00 N | 87.04 7.71 0.00 N | 84.74 7.42 0.00 N | 79.71 5.88 -13.80 N | 53.04 4.18 -3.73 N | 45.47 3.62 0.00 N |
| FENNER___WINDPWR 24204 | 39.82 0.45 -1.30 N | 36.44 0.46 0.00 N | 60.95 0.54 -1.26 N | 33.71 0.27 -4.50 N | 45.99 0.32 0.00 N | 46.01 0.29 0.00 N | 52.47 0.40 -2.98 N | 35.09 0.17 -3.22 N | 63.14 0.46 0.00 N | 76.41 0.86 -0.36 N | 93.41 1.09 -1.66 N | 52.55 0.78 -3.03 N | 40.52 0.50 -3.90 N | 36.40 0.46 -0.27 N | 26.82 0.27 -7.98 N | 39.56 0.51 -3.45 N | 62.63 0.77 -0.44 N | 90.09 1.11 0.00 N | 69.35 0.99 0.00 N | 80.64 1.31 0.00 N | 78.47 1.14 0.00 N | 61.63 0.80 -0.81 N | 45.82 0.48 -0.22 N | 42.23 0.38 0.00 N |
| FIBERTEK___ENERGY 23856 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N |
| FITZPATRICK____ 23598 | 38.10 -1.29 -1.32 N | 34.80 -1.18 0.00 N | 58.27 -2.16 -1.27 N | 32.48 -1.03 -4.56 N | 43.99 -1.68 0.00 N | 43.98 -1.74 0.00 N | 50.26 -1.86 -3.02 N | 33.66 -1.30 -3.26 N | 60.10 -2.58 0.00 N | 72.55 -3.02 -0.38 N | 88.63 -3.72 -1.69 N | 49.89 -1.93 -3.07 N | 38.62 -1.46 -4.03 N | 34.75 -1.24 -3.95 N | 25.94 -0.71 -8.08 N | 37.69 -1.40 -3.49 N | 59.29 -2.57 -0.45 N | 85.23 -3.81 -0.06 N | 65.56 -2.80 0.00 N | 76.26 -3.06 0.00 N | 74.35 -2.98 0.00 N | 58.43 -2.42 -0.82 N | 43.52 -1.84 -0.22 N | 40.19 -1.65 0.00 N |
| FORT ORANGE____ 23900 | 68.44 2.69 -27.68 N | 38.50 2.52 0.00 N | 90.09 4.18 -26.75 N | 126.81 2.06 -95.81 N | 48.81 3.14 0.00 N | 48.78 3.07 0.00 N | 115.76 3.19 -63.47 N | 102.22 2.06 -68.46 N | 66.74 4.06 0.00 N | 87.84 5.05 -7.59 N | 131.99 6.02 -35.32 N | 116.52 3.36 -64.41 N | 123.21 2.45 -84.71 N | 117.26 2.19 -83.02 N | 189.62 1.27 -169.78 N | 111.34 2.36 -73.38 N | 74.79 3.94 -9.43 N | 94.07 5.16 0.07 N | 72.48 4.12 0.00 N | 84.31 4.99 0.00 N | 82.20 4.87 0.00 N | 81.20 3.92 -17.25 N | 52.91 3.12 -4.66 N | 44.62 2.78 0.00 N |
| FORT_DRUM_COGEN 23780 | 39.09 0.23 -0.79 N | 36.12 0.14 0.00 N | 59.97 0.05 -0.76 N | 31.78 0.11 -2.73 N | 45.77 0.10 0.00 N | 45.83 0.11 0.00 N | 51.08 0.18 -1.81 N | 33.92 0.26 -1.95 N | 63.47 0.79 0.00 N | 76.63 1.22 -0.22 N | 93.56 1.90 -1.84 N | 51.83 1.25 -2.42 N | 39.32 0.86 -0.74 N | 35.15 0.43 -2.37 N | 23.84 0.43 -4.84 N | 38.34 0.65 -2.10 N | 63.14 1.45 -0.27 N | 91.39 2.42 0.00 N | 70.36 2.01 0.00 N | 81.60 2.27 0.00 N | 79.08 1.75 0.00 N | 62.05 1.52 -0.49 N | 46.20 0.94 -0.13 N | 42.60 0.75 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 64.41 4.15 -22.20 N | 40.46 4.48 0.00 N | 87.08 6.48 -21.45 N | 108.97 3.21 -76.82 N | 51.14 5.47 0.00 N | 51.02 5.30 0.00 N | 105.43 5.45 -50.89 N | 90.02 3.42 -54.90 N | 69.23 6.56 0.00 N | 89.19 7.91 -6.08 N | 128.03 9.06 -28.31 N | 105.69 5.30 -51.65 N | 108.23 4.26 -67.93 N | 102.43 3.81 -66.57 N | 156.85 2.15 -136.14 N | 98.92 4.48 -58.84 N | 76.95 7.97 -7.56 N | 118.64 10.76 -18.89 N | 76.65 8.29 0.00 N | 95.46 10.09 -6.04 N | 92.46 9.84 -5.29 N | 95.21 7.71 -27.47 N | 54.37 5.51 -3.73 N | 46.56 4.71 0.00 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 |
| FPL FAR_ROCK_GT2 23815 | 64.41 4.15 -22.20 N | 40.46 4.48 0.00 N | 87.08 6.48 -21.45 N | 108.97 3.21 -76.82 N | 51.14 5.47 0.00 N | 51.02 5.30 0.00 N | 105.43 5.45 -50.89 N | 90.02 3.42 -54.90 N | 69.23 6.56 0.00 N | 89.19 7.91 -6.08 N | 128.03 9.06 -28.31 N | 105.69 5.30 -51.65 N | 108.23 4.26 -67.93 N | 102.43 3.81 -66.57 N | 156.85 2.15 -136.14 N | 98.92 4.48 -58.84 N | 76.95 7.97 -7.56 N | 118.64 10.76 -18.89 N | 76.65 8.29 0.00 N | 95.46 10.09 -6.04 N | 92.46 9.84 -5.29 N | 95.21 7.71 -27.47 N | 54.37 5.51 -3.73 N | 46.56 4.71 0.00 N | |
| FRANKLIN_FALL_HYD 24054 | 37.34 -0.73 0.00 N | 35.25 -0.73 0.00 N | 58.53 -0.62 0.00 N | 28.82 -0.12 0.00 N | 45.50 -0.17 0.00 N | 45.74 0.02 0.00 N | 48.92 -0.17 0.00 N | 31.93 0.24 0.00 N | 63.17 0.49 0.00 N | 75.82 0.62 0.00 N | 91.31 0.65 0.00 N | 48.71 -0.03 0.00 N | 36.28 0.24 0.00 N | 32.34 0.30 0.00 N | 18.76 0.19 0.00 N | 35.91 0.31 0.00 N | 62.21 0.79 0.00 N | 90.41 1.43 0.00 N | 69.19 0.83 0.00 N | 79.90 0.57 0.00 N | 77.37 0.04 0.00 N | 60.37 0.34 0.00 N | 45.30 0.17 0.00 N | 42.28 0.43 0.00 N | |
| FREEPORT_EQUS_GT1 23764 | 63.84 3.57 -22.20 N | 39.94 3.96 0.00 N | 86.26 5.66 -21.45 N | 108.57 2.80 -76.82 N | 50.46 4.79 0.00 N | 50.34 4.62 0.00 N | 104.65 4.66 -50.89 N | 89.46 2.86 -54.90 N | 68.05 5.38 0.00 N | 87.73 6.45 -6.08 N | 125.98 7.00 -28.31 N | 104.57 4.18 -51.65 N | 107.49 3.52 -67.93 N | 101.80 3.19 -66.57 N | 156.48 1.77 -136.14 N | 98.17 3.73 -58.84 N | 75.56 6.58 -7.56 N | 116.59 8.72 -18.89 N | 75.09 6.73 0.00 N | 93.75 8.38 -6.04 N | 90.90 8.28 -5.29 N | 94.08 6.58 -27.47 N | 53.76 4.90 -3.73 N | 46.00 4.15 0.00 N | |
| FREEPORT___CT2 23818 | 63.84 3.57 -22.20 N | 39.94 3.96 0.00 N | 86.26 5.66 -21.45 N | 108.57 2.80 -76.82 N | 50.46 4.79 0.00 N | 50.34 4.62 0.00 N | 104.65 4.66 -50.89 N | 89.46 2.86 -54.90 N | 68.05 5.38 0.00 N | 87.73 6.45 -6.08 N | 125.98 7.00 -28.31 N | 104.57 4.18 -51.65 N | 107.49 3.52 -67.93 N | 101.80 3.19 -66.57 N | 156.48 1.77 -136.14 N | 98.17 3.73 -58.84 N | 75.56 6.58 -7.56 N | 116.59 8.72 -18.89 N | 75.09 6.73 0.00 N | 93.75 8.38 -6.04 N | 90.90 8.28 -5.29 N | 94.08 6.58 -27.47 N | 53.76 4.90 -3.73 N | 46.00 4.15 0.00 N | |
| FULTON COGEN____ 23766 | 40.16 0.27 -1.83 N | 36.24 0.26 0.00 N | 60.91 -0.02 -1.77 N | 35.37 0.09 -6.33 N | 45.77 0.10 0.00 N | 45.86 0.14 0.00 N | 53.60 0.31 -4.20 N | 36.34 0.11 -4.53 N | 62.97 0.30 0.00 N | 76.38 0.66 -0.52 N | 93.60 0.59 -2.35 N | 53.46 0.45 -4.26 N | 41.93 0.29 -5.60 N | 37.80 0.27 -5.49 N | 29.96 0.16 -11.22 N | 40.74 0.29 -4.85 N | 62.44 0.40 -0.62 N | 89.74 0.70 -0.06 N | 69.28 0.92 0.00 N | 79.66 0.34 0.00 N | 75.82 -1.51 0.00 N | 59.77 -1.33 -1.06 N | 44.37 -1.04 -0.29 N | 40.88 -0.97 0.00 N | |
| FULTON___LFGE 323630 | 76.15 4.27 -33.82 N | 40.14 4.16 0.00 N | 98.60 6.76 -32.68 N | 149.21 3.21 -117.06 N | 50.69 5.02 0.00 N | 51.11 5.39 0.00 N | 132.88 6.23 -77.55 N | 119.40 4.05 -83.65 N | 70.99 8.31 0.00 N | 95.10 10.62 -9.28 N | 146.55 12.74 -43.15 N | 134.29 6.84 -78.70 N | 144.46 4.92 -103.50 N | 137.80 4.32 -101.44 N | 228.49 2.48 -207.44 N | 130.09 4.83 -89.66 N | 81.27 8.33 -11.52 N | 101.95 13.07 0.09 N | 78.51 10.15 0.00 N | 91.18 11.85 0.00 N | 88.52 11.19 0.00 N | 89.05 7.95 -21.07 N | 56.38 5.55 -5.70 N | 46.84 4.99 0.00 N | |
| G.F.CEMENT___DRP 24184 | 70.39 3.29 -29.03 N | 38.94 2.96 0.00 N | 91.75 4.55 -28.05 N | 131.94 2.53 -100.47 N | 49.56 3.89 0.00 N | 49.51 3.80 0.00 N | 119.88 4.23 -66.56 N | 106.35 2.86 -71.79 N | 68.59 5.92 0.00 N | 90.85 7.69 -7.97 N | 137.13 9.44 -37.03 N | 121.27 4.98 -67.54 N | 128.61 3.74 -88.83 N | 122.47 3.37 -87.06 N | 198.54 1.93 -178.03 N | 116.11 3.56 -76.95 N | 77.35 6.04 -9.89 N | 97.19 8.28 0.07 N | 74.73 6.37 0.00 N | 86.99 7.67 0.00 N | 84.93 7.61 0.00 N | 84.09 5.98 -18.08 N | 54.23 4.21 -4.89 N | 45.71 3.86 0.00 N | |
| GARDENVILLE___LBMP 24039 | 39.05 -2.65 -3.63 N | 33.65 -2.33 0.00 N | 58.00 -4.66 -3.50 N | 39.19 -2.30 -12.55 N | 41.92 -3.76 0.00 N | 42.00 -3.72 0.00 N | 53.42 -3.99 -8.32 N | 37.33 -3.34 -8.97 N | 55.33 -7.04 0.30 N | 36.08 -8.34 30.77 N | 27.15 -10.11 53.40 N | 43.02 -4.98 0.75 N | 42.84 -3.89 -10.69 N | 39.76 -3.16 -10.88 N | 39.06 -1.76 -22.24 N | 42.01 -3.20 -9.61 N | 56.09 -6.57 -1.23 N | 74.52 -9.71 4.75 N | 61.67 -6.69 0.00 N | 73.06 -6.26 0.00 N | 71.56 -5.77 0.00 N | 56.88 -5.41 -2.26 N | 41.82 -3.92 -0.61 N | 38.56 -3.28 0.00 N | |
| GENERAL___MILLS 23808 | 39.15 -2.55 -3.63 N | 33.73 -2.24 0.00 N | 58.13 -4.53 -3.51 N | 39.26 -2.24 -12.56 N | 42.03 -3.65 0.00 N | 42.12 -3.60 0.00 N | 53.55 -3.86 -8.32 N | 37.42 -3.25 -8.97 N | 55.52 -6.87 0.28 N | 38.74 -8.13 28.32 N | 31.97 -9.86 48.83 N | 43.85 -4.86 0.04 N | 42.98 -3.79 -10.73 N | 39.86 -3.06 -10.88 N | 39.12 -1.70 -22.25 N | 42.13 -3.09 -9.62 N | 56.29 -6.36 -1.23 N | 74.90 -9.39 4.69 N | 61.93 -6.43 0.00 N | 73.37 -5.96 0.00 N | 71.85 -5.47 0.00 N | 57.10 -5.19 -2.26 N | 41.97 -3.76 -0.61 N | 38.69 -3.15 0.00 N | |
| GE_PLASTICS___DRP 24183 | 67.86 1.86 -27.92 N | 37.74 1.76 0.00 N | 89.08 2.94 -26.98 N | 127.04 1.45 -96.66 N | 47.87 2.20 0.00 N | 47.85 2.13 0.00 N | 115.35 2.23 -64.03 N | 102.19 1.42 -69.07 N | 65.43 2.76 0.00 N | 86.32 3.46 -7.66 N | 130.38 4.10 -35.63 N | 116.05 2.32 -64.98 N | 123.19 1.70 -85.46 N | 117.33 1.53 -83.76 N | 190.73 0.88 -171.28 N | 111.27 1.65 -74.03 N | 73.62 2.70 -9.51 N | 92.33 3.43 0.07 N | 71.14 2.78 0.00 N | 82.75 3.42 0.00 N | 80.68 3.36 0.00 N | 80.25 2.78 -17.44 N | 52.04 2.20 -4.72 N | 43.79 1.94 0.00 N | |
| GILBOA___1 23756 | 61.63 1.89 -21.67 N | 37.77 1.79 0.00 N | 83.11 3.02 -20.94 N | 105.40 1.45 -75.01 N | 47.87 2.20 0.00 N | 47.89 2.17 0.00 N | 101.12 2.34 -49.69 N | 86.72 1.42 -53.60 N | 65.46 2.78 0.00 N | 84.63 3.50 -5.93 N | 122.35 4.04 -27.64 N | 101.58 2.41 -50.43 N | 104.11 1.76 -66.32 N | 98.61 1.57 -65.00 N | 152.42 0.93 -132.92 N | 94.86 1.81 -57.45 N | 71.63 2.83 -7.38 N | 92.31 3.44 0.11 N | 71.14 2.78 0.00 N | 82.82 3.50 0.00 N | 80.75 3.42 0.00 N | 76.44 2.92 -13.49 N | 51.02 2.25 -3.65 N | 43.94 2.10 0.00 N | |
| GILBOA___2 23757 | 61.63 1.89 -21.67 N | 37.77 1.79 0.00 N | 83.11 3.02 -20.94 N | 105.40 1.45 -75.01 N | 47.87 2.20 0.00 N | 47.89 2.17 0.00 N | 101.12 2.34 -49.69 N | 86.72 1.42 -53.60 N | 65.46 2.78 0.00 N | 84.63 3.50 -5.93 N | 122.35 4.04 -27.64 N | 101.58 2.41 -50.43 N | 104.11 1.76 -66.32 N | 98.61 1.57 -65.00 N | 152.42 0.93 -132.92 N | 94.86 1.81 -57.45 N | 71.63 2.83 -7.38 N | 92.31 3.44 0.11 N | 71.14 2.78 0.00 N | 82.82 3.50 0.00 N | 80.75 3.42 0.00 N | 76.44 2.92 -13.49 N | 51.02 2.25 -3.65 N | 43.94 2.10 0.00 N | |
| GILBOA___3 23758 | 61.63 1.89 -21.67 N | 37.77 1.79 0.00 N | 83.11 3.02 -20.94 N | 105.40 1.45 -75.01 N | 47.87 2.20 0.00 N | 47.89 2.17 0.00 N | 101.12 2.34 -49.69 N | 86.72 1.42 -53.60 N | 65.46 2.78 0.00 N | 84.63 3.50 -5.93 N | 122.35 4.04 -27.64 N | 101.58 2.41 -50.43 N | 104.11 1.76 -66.32 N | 98.61 1.57 -65.00 N | 152.42 0.93 -132.92 N | 94.86 1.81 -57.45 N | 71.63 2.83 -7.38 N | 92.31 3.44 0.11 N | 71.14 2.78 0.00 N | 82.82 3.50 0.00 N | 80.75 3.42 0.00 N | 76.44 2.92 -13.49 N | 51.02 2.25 -3.65 N | 43.94 2.10 0.00 N | |
| GILBOA___4 | 61.63 | 37.77 | 83.11 | 105.40 | 47.87 | 47.89 | 101.12 | 86.72 | 65.46 | 84.63 | 122.35 | 101.58 | 104.11 | 98.61 | 152.42 | 94.86 | 71.63 | 92.31 | 71.14 | 82.82 | 80.75 | 76.44 | 51.02 | 43.94 | |

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|--------------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|
| 23759 | 1.89 -21.67 N | 1.79 0.00 N | 3.02 -20.94 N | 1.45 -75.01 N | 2.20 0.00 N | 2.17 0.00 N | 2.34 -49.69 N | 1.42 -53.60 N | 2.78 0.00 N | 3.50 -5.93 N | 4.04 -27.64 N | 2.41 -50.43 N | 1.76 -66.32 N | 1.57 -65.00 N | 0.93 -132.92 N | 1.81 -57.45 N | 2.83 -7.38 N | 3.44 0.11 N | 2.78 0.00 N | 3.50 0.00 N | 3.42 0.00 N | 2.92 -13.49 N | 2.25 -3.65 N | 2.10 0.00 N |
| GILBOA____ 23599 | 61.63 1.89 -21.67 N | 37.77 1.79 0.00 N | 83.11 3.02 -20.94 N | 105.40 1.45 -75.01 N | 47.87 2.20 0.00 N | 47.89 2.17 0.00 N | 101.12 2.34 -49.69 N | 86.72 1.42 -53.60 N | 65.46 2.78 0.00 N | 84.63 3.50 -5.93 N | 122.35 4.04 -27.64 N | 101.58 2.41 -50.43 N | 104.11 1.76 -66.32 N | 98.61 1.57 -65.00 N | 152.42 0.93 -132.92 N | 94.86 1.81 -57.45 N | 71.63 2.83 -7.38 N | 92.31 3.44 0.11 N | 71.14 2.78 0.00 N | 82.82 3.50 0.00 N | 80.75 3.42 0.00 N | 76.44 2.92 -13.49 N | 51.02 2.25 -3.65 N | 43.94 2.10 0.00 N |
| GINNA____ 23603 | 37.75 -2.92 -2.59 N | 33.24 -2.74 0.00 N | 56.66 -5.00 -2.51 N | 35.46 -2.45 -8.97 N | 41.74 -3.93 0.00 N | 41.92 -3.80 0.00 N | 50.95 -4.09 -5.94 N | 35.18 -2.93 -6.41 N | 56.72 -5.91 0.04 N | 64.52 -7.02 3.66 N | 77.08 -8.60 4.98 N | 48.91 -4.50 -4.66 N | 40.53 -3.39 -7.87 N | 36.96 -2.86 -7.78 N | 32.85 -1.62 -15.90 N | 39.42 -3.05 -6.87 N | 56.62 -5.68 -0.88 N | 81.28 -8.14 -0.45 N | 62.54 -5.82 0.00 N | 73.16 -6.16 0.00 N | 71.39 -5.93 0.00 N | 56.45 -5.19 -1.61 N | 41.61 -3.96 -0.44 N | 38.27 -3.58 0.00 N |
| GLEN PARK____ 23778 | 39.21 0.30 -0.85 N | 36.18 0.20 0.00 N | 60.10 0.13 -0.82 N | 32.01 0.14 -2.93 N | 45.82 0.15 0.00 N | 45.87 0.14 0.00 N | 51.29 0.26 -1.94 N | 34.09 0.30 -2.09 N | 63.58 0.91 0.00 N | 76.81 1.38 -0.23 N | 93.87 2.14 -1.08 N | 52.16 1.45 -1.97 N | 39.61 0.98 -2.59 N | 35.38 0.80 -2.53 N | 24.22 0.47 -5.18 N | 38.56 0.72 -2.24 N | 63.28 1.58 -0.29 N | 91.64 2.66 0.00 N | 70.59 2.23 0.00 N | 81.86 2.54 0.00 N | 79.35 2.02 0.00 N | 62.23 1.67 -0.53 N | 46.32 1.05 -0.14 N | 42.67 0.82 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 63.97 3.71 -22.20 N | 39.71 3.73 0.00 N | 86.22 5.62 -21.45 N | 108.51 2.75 -76.82 N | 50.18 4.51 0.00 N | 50.14 4.42 0.00 N | 104.65 4.66 -50.89 N | 89.54 2.94 -54.90 N | 68.41 5.74 0.00 N | 88.49 7.21 -6.08 N | 127.37 8.40 -28.31 N | 105.25 4.85 -51.65 N | 107.67 3.70 -67.93 N | 101.89 3.27 -66.57 N | 156.52 1.81 -136.14 N | 98.21 3.77 -58.84 N | 75.63 6.66 -7.56 N | 116.72 8.85 -18.89 N | 74.94 6.58 0.00 N | 93.46 8.10 -6.04 N | 90.54 7.92 -5.29 N | 93.97 6.47 -27.47 N | 53.48 4.62 -3.73 N | 45.80 3.96 0.00 N |
| GLENWOOD_IC_2_G1 23688 | 63.90 3.63 -22.20 N | 39.56 3.58 0.00 N | 86.09 5.49 -21.45 N | 108.44 2.67 -76.82 N | 50.00 4.33 0.00 N | 49.98 4.26 0.00 N | 104.54 4.55 -50.89 N | 89.46 2.86 -54.90 N | 68.29 5.62 0.00 N | 88.38 7.10 -6.08 N | 127.28 8.31 -28.31 N | 105.15 4.75 -51.65 N | 107.50 3.54 -67.93 N | 101.76 3.14 -66.57 N | 156.44 1.74 -136.14 N | 98.05 3.62 -58.84 N | 75.38 6.40 -7.56 N | 116.28 8.41 -18.89 N | 74.83 6.47 0.00 N | 93.34 7.98 -6.04 N | 90.37 7.75 -5.29 N | 93.68 6.18 -27.47 N | 53.25 4.39 -3.73 N | 45.64 3.79 0.00 N |
| GLENWOOD_IC_3_G1 23689 | 63.90 3.63 -22.20 N | 39.56 3.58 0.00 N | 86.09 5.49 -21.45 N | 108.44 2.67 -76.82 N | 50.00 4.33 0.00 N | 49.98 4.26 0.00 N | 104.54 4.55 -50.89 N | 89.46 2.86 -54.90 N | 68.29 5.62 0.00 N | 88.38 7.10 -6.08 N | 127.28 8.31 -28.31 N | 105.15 4.75 -51.65 N | 107.50 3.54 -67.93 N | 101.76 3.14 -66.57 N | 156.44 1.74 -136.14 N | 98.05 3.62 -58.84 N | 75.38 6.40 -7.56 N | 116.28 8.41 -18.89 N | 74.83 6.47 0.00 N | 93.34 7.98 -6.04 N | 90.37 7.75 -5.29 N | 93.68 6.18 -27.47 N | 53.25 4.39 -3.73 N | 45.64 3.79 0.00 N |
| GLENWOOD____4 23550 | 63.97 3.71 -22.20 N | 39.71 3.73 0.00 N | 86.22 5.62 -21.45 N | 108.51 2.75 -76.82 N | 50.18 4.51 0.00 N | 50.14 4.42 0.00 N | 104.65 4.66 -50.89 N | 89.54 2.94 -54.90 N | 68.41 5.74 0.00 N | 88.49 7.21 -6.08 N | 127.37 8.40 -28.31 N | 105.25 4.85 -51.65 N | 107.67 3.70 -67.93 N | 101.89 3.27 -66.57 N | 156.52 1.81 -136.14 N | 98.21 3.77 -58.84 N | 75.64 6.66 -7.56 N | 116.72 8.85 -18.89 N | 75.01 6.65 0.00 N | 93.57 8.20 -6.04 N | 90.62 8.00 -5.29 N | 93.97 6.47 -27.47 N | 53.48 4.62 -3.73 N | 45.80 3.96 0.00 N |
| GLENWOOD____5 23614 | 63.97 3.71 -22.20 N | 39.71 3.73 0.00 N | 86.22 5.62 -21.45 N | 108.51 2.75 -76.82 N | 50.18 4.51 0.00 N | 50.14 4.42 0.00 N | 104.65 4.66 -50.89 N | 89.54 2.94 -54.90 N | 68.41 5.74 0.00 N | 88.49 7.21 -6.08 N | 127.37 8.40 -28.31 N | 105.25 4.85 -51.65 N | 107.67 3.70 -67.93 N | 101.89 3.27 -66.57 N | 156.52 1.81 -136.14 N | 98.21 3.77 -58.84 N | 75.64 6.66 -7.56 N | 116.72 8.85 -18.89 N | 75.01 6.65 0.00 N | 93.57 8.20 -6.04 N | 90.62 8.00 -5.29 N | 93.97 6.47 -27.47 N | 53.48 4.62 -3.73 N | 45.80 3.96 0.00 N |
| GLOBAL GREEN_PORT_GT1 23814 | 68.42 8.16 -22.20 N | 44.80 8.82 0.00 N | 93.61 13.01 -21.45 N | 112.23 6.46 -76.82 N | 56.47 10.80 0.00 N | 56.65 10.93 0.00 N | 111.44 11.45 -50.89 N | 93.90 7.30 -54.90 N | 76.73 14.06 0.00 N | 98.79 17.51 -6.08 N | 139.43 20.45 -28.31 N | 111.66 11.26 -51.65 N | 112.54 8.58 -67.93 N | 106.18 7.56 -66.57 N | 159.04 4.33 -136.14 N | 103.24 8.80 -58.84 N | 84.87 15.89 -7.56 N | 131.55 23.68 -18.89 N | 86.57 18.21 0.00 N | 106.99 21.62 -6.04 N | 103.45 20.83 -5.29 N | 103.46 15.96 -27.47 N | 60.04 11.18 -3.73 N | 51.50 9.65 0.00 N |
| GLOBE____DSASP 323697 | 37.90 -3.55 -3.38 N | 32.69 -3.29 0.00 N | 55.92 -6.50 -3.27 N | 37.49 -3.17 -11.72 N | 40.59 -5.08 0.00 N | 40.73 -4.99 0.00 N | 50.97 -5.89 -7.76 N | 35.48 -4.59 -8.37 N | 52.51 -9.92 0.24 N | 38.77 -12.11 24.31 N | 34.49 -14.69 41.48 N | 41.48 -7.78 -0.51 N | 40.28 -5.80 -10.04 N | 37.43 -4.76 -10.15 N | 36.66 -2.67 -20.76 N | 39.63 -4.94 -8.97 N | 52.88 -9.69 -1.15 N | 69.94 -14.19 4.85 N | 58.25 -10.11 0.00 N | 69.05 -10.27 0.00 N | 67.90 -9.42 0.00 N | 53.80 -8.34 -2.11 N | 39.78 -5.92 -0.57 N | 36.99 -4.85 0.00 N |
| GOETHSLN____LBMP 323567 | 63.79 3.53 -22.19 N | 39.39 3.40 0.00 N | 85.86 5.26 -21.44 N | 108.29 2.53 -76.82 N | 49.73 4.05 0.00 N | 49.71 4.00 0.00 N | 104.26 4.28 -50.89 N | 89.26 2.67 -54.89 N | 67.94 5.27 0.00 N | 88.04 6.76 -6.08 N | 126.71 7.74 -28.31 N | 104.88 4.49 -51.64 N | 107.30 3.35 -67.92 N | 101.60 3.00 -66.57 N | 156.33 1.64 -136.12 N | 97.89 3.45 -58.83 N | 75.17 6.19 -7.56 N | 96.82 7.94 0.09 N | 74.43 6.07 0.00 N | 86.80 7.47 0.00 N | 84.50 7.18 0.00 N | 79.54 5.71 -13.80 N | 52.91 4.06 -3.73 N | 45.34 3.49 0.00 N |
| GOODYEAR_LAKE_HYD 323669 | 46.00 1.58 -6.35 N | 37.54 1.56 0.00 N | 67.78 2.49 -6.14 N | 52.12 1.19 -21.98 N | 47.52 1.85 0.00 N | 47.62 1.90 0.00 N | 65.87 2.21 -14.56 N | 48.74 1.33 -15.71 N | 65.40 2.71 -0.02 N | 82.64 3.54 -3.90 N | 107.05 4.19 -12.20 N | 66.68 2.47 -15.46 N | 57.23 1.73 -19.47 N | 52.61 1.52 -19.05 N | 58.41 0.88 -38.96 N | 54.19 1.75 -16.84 N | 66.44 2.86 -2.16 N | 92.85 4.09 0.22 N | 71.73 3.37 0.00 N | 83.58 4.26 0.00 N | 81.35 4.03 0.00 N | 66.98 3.00 -3.96 N | 48.29 2.09 -1.07 N | 43.70 1.85 0.00 N |
| GOUDEY____7 23579 | 45.48 0.25 -7.16 N | 36.37 0.39 0.00 N | 66.59 0.52 -6.92 N | 53.96 0.24 -24.78 N | 45.98 0.31 0.00 N | 45.93 0.21 0.00 N | 66.12 0.61 -16.42 N | 49.50 0.09 -17.71 N | 63.07 0.34 -0.05 N | 83.17 0.74 -7.24 N | 110.56 0.76 -19.14 N | 67.95 0.88 -18.32 N | 58.46 0.44 -21.98 N | 53.95 0.43 -21.48 N | 62.74 0.25 -43.92 N | 55.13 0.54 -18.98 N | 64.44 0.58 -2.44 N | 88.95 0.53 0.56 N | 69.04 0.67 0.00 N | 80.84 1.51 0.00 N | 78.71 1.38 0.00 N | 65.33 0.85 -4.46 N | 46.81 0.48 -1.20 N | 42.26 0.42 0.00 N |

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| GOWDEY___8 23580 | 45.45 0.22 -7.16 N | 36.35 0.37 0.00 N | 66.55 0.47 -6.92 N | 53.94 0.22 -24.78 N | 45.95 0.28 0.00 N | 45.91 0.19 0.00 N | 66.08 0.57 -16.42 N | 49.47 0.07 -17.71 N | 63.02 0.29 -0.05 N | 83.12 0.69 -7.24 N | 110.47 0.68 -19.14 N | 67.90 0.83 -18.32 N | 58.44 0.41 -21.98 N | 53.92 0.40 -21.48 N | 62.72 0.23 -43.92 N | 55.09 0.51 -18.98 N | 64.38 0.52 -2.44 N | 88.86 0.44 0.56 N | 68.97 0.61 0.00 N | 80.76 1.43 0.00 N | 78.63 1.30 0.00 N | 65.27 0.79 -4.46 N | 46.77 0.44 -1.20 N | 42.23 0.38 0.00 N |
| GOWANUS_GT1_1 24077 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT1_2 24078 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT1_3 24079 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT1_4 24080 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT1_5 24084 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |

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| 24132 | 3.82 -61.54 N | 3.70 -5.58 N | 5.77 -27.00 N | 2.83 -105.18 N | 4.55 0.00 N | 4.54 -0.01 N | 4.83 -50.89 N | 3.03 -54.89 N | 6.02 -0.01 N | 7.64 -19.08 N | 8.85 -116.22 N | 5.15 -187.67 N | 3.83 -225.73 N | 3.44 -232.98 N | 1.90 -388.40 N | 3.92 -171.23 N | 6.94 -173.33 N | 9.12 -76.59 N | 7.04 -190.23 N | 8.60 -183.16 N | 8.28 -165.47 N | 6.54 -93.98 N | 4.72 -5.21 N | 4.14 0.00 N |
| GOWANUS_GT4_4 24133 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT4_5 24134 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT4_6 24135 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT4_7 24136 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GOWANUS_GT4_8 24137 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| GREENIDGE___3 23582 | 41.99 -0.32 -4.24 N | 35.83 -0.15 0.00 N | 62.61 -0.65 -4.10 N | 43.29 -0.33 -14.69 N | 45.06 -0.61 0.00 N | 45.10 -0.62 0.00 N | 58.55 -0.27 -9.73 N | 41.68 -0.51 -10.49 N | 62.01 -0.83 -0.16 N | 92.03 -0.58 -17.42 N | 125.60 -0.87 -35.82 N | 63.55 -0.05 -14.85 N | 48.98 -0.26 -13.20 N | 44.64 -0.13 -12.73 N | 44.54 -0.06 -26.02 N | 46.81 -0.04 -11.25 N | 62.34 -0.53 -1.45 N | 88.08 -0.77 0.13 N | 68.28 -0.08 0.00 N | 80.13 0.80 0.00 N | 77.97 0.65 0.00 N | 62.57 -0.10 -2.64 N | 45.54 -0.30 -0.71 N | 41.56 -0.29 0.00 N |
| GREENIDGE___4 23583 | 41.99 -0.32 -4.24 N | 35.83 -0.15 0.00 N | 62.61 -0.65 -4.10 N | 43.29 -0.33 -14.69 N | 45.06 -0.61 0.00 N | 45.10 -0.62 0.00 N | 58.55 -0.27 -9.73 N | 41.68 -0.51 -10.49 N | 62.01 -0.83 -0.16 N | 92.03 -0.58 -17.42 N | 125.60 -0.87 -35.82 N | 63.55 -0.05 -14.85 N | 48.98 -0.26 -13.20 N | 44.64 -0.13 -12.73 N | 44.54 -0.06 -26.02 N | 46.81 -0.04 -11.25 N | 62.34 -0.53 -1.45 N | 88.08 -0.77 0.13 N | 68.28 -0.08 0.00 N | 80.13 0.80 0.00 N | 77.97 0.65 0.00 N | 62.57 -0.10 -2.64 N | 45.54 -0.30 -0.71 N | 41.56 -0.29 0.00 N |
| GROVEVILLE___HYD 323602 | 64.41 3.60 -22.75 N | 39.39 3.42 0.00 N | 86.54 5.41 -21.98 N | 110.31 2.64 -78.73 N | 49.84 4.17 0.00 N | 49.87 4.15 0.00 N | 105.76 4.51 -52.15 N | 90.83 2.86 -56.26 N | 68.36 5.69 0.00 N | 88.59 7.16 -6.23 N | 128.14 8.46 -29.02 N | 106.51 4.83 -52.93 N | 109.19 3.53 -69.61 N | 103.41 3.14 -68.23 N | 159.86 1.77 -139.52 N | 99.48 3.58 -60.30 N | 75.47 6.30 -7.75 N | 97.33 8.44 0.09 N | 74.91 6.55 0.00 N | 87.33 8.00 0.00 N | 85.07 7.74 0.00 N | 80.26 6.11 -14.13 N | 53.32 4.37 -3.82 N | 45.65 3.80 0.00 N |
| HAMPSHIRE___PAPER_HYD 323593 | 37.25 -0.82 0.00 N | 35.12 -0.86 0.00 N | 57.83 -1.32 0.00 N | 28.40 -0.54 0.00 N | 44.78 -0.89 0.00 N | 44.88 -0.84 0.00 N | 47.80 -1.29 0.00 N | 31.16 -0.54 0.00 N | 61.77 -0.90 0.00 N | 74.36 -0.83 0.00 N | 89.78 -0.88 0.00 N | 48.28 -0.47 0.00 N | 35.86 -0.18 0.00 N | 32.03 -0.01 0.00 N | 18.56 -0.01 0.00 N | 35.41 -0.19 0.00 N | 61.30 -0.12 0.00 N | 88.78 -0.20 0.00 N | 68.11 -0.25 0.00 N | 78.70 -0.62 0.00 N | 75.94 -1.39 0.00 N | 59.85 -0.18 0.00 N | 44.87 -0.26 0.00 N | 41.79 -0.06 0.00 N |
| HARDSCRABBLE_WT_PWR 323673 | 39.10 1.57 0.54 N | 37.54 1.57 0.00 N | 61.75 3.12 0.52 N | 28.76 1.70 1.87 N | 48.32 2.65 0.00 N | 48.35 2.62 0.00 N | 50.77 2.92 1.24 N | 32.10 1.74 1.34 N | 66.23 3.56 0.00 N | 79.66 4.62 0.15 N | 95.54 5.57 0.69 N | 50.69 3.20 1.26 N | 36.70 2.31 1.66 N | 32.43 2.01 1.62 N | 16.40 1.15 3.32 N | 36.47 2.30 1.43 N | 65.33 4.10 0.18 N | 94.45 5.47 0.00 N | 72.53 4.17 0.00 N | 84.37 5.04 0.00 N | 82.20 4.87 0.00 N | 63.55 3.85 0.34 N | 47.93 2.90 0.09 N | 44.38 2.53 0.00 N |
| HARZA MOOSE___RIVER 24016 | 38.36 0.29 0.00 N | 36.22 0.24 0.00 N | 59.45 0.29 0.00 N | 29.14 0.20 0.00 N | 45.94 0.27 0.00 N | 46.01 0.29 0.00 N | 49.42 0.33 0.00 N | 31.99 0.29 0.00 N | 63.44 0.76 0.00 N | 76.27 1.07 0.00 N | 92.16 1.50 0.00 N | 49.68 0.93 0.00 N | 36.70 0.66 0.00 N | 32.65 0.60 0.00 N | 18.92 0.34 0.00 N | 36.18 0.58 0.00 N | 62.57 1.15 0.00 N | 90.74 1.76 0.00 N | 69.74 1.39 0.00 N | 80.92 1.59 0.00 N | 78.58 1.25 0.00 N | 61.12 1.09 0.00 N | 45.82 0.69 0.00 N | 42.45 0.60 0.00 N |
| HEMPSTEAD___ 23647 | 63.70 3.43 -22.20 N | 39.70 3.72 0.00 N | 85.97 5.37 -21.45 N | 108.41 2.65 -76.82 N | 50.16 4.49 0.00 N | 50.07 4.35 0.00 N | 104.42 4.43 -50.89 N | 89.35 2.75 -54.90 N | 67.91 5.24 0.00 N | 87.71 6.43 -6.08 N | 126.33 7.36 -28.31 N | 104.74 4.34 -51.65 N | 107.49 3.52 -67.93 N | 101.74 3.13 -66.57 N | 156.43 1.73 -136.14 N | 98.07 3.63 -58.84 N | 75.40 6.42 -7.56 N | 116.35 8.49 -18.89 N | 74.83 6.46 0.00 N | 93.40 8.03 -6.04 N | 90.53 7.91 -5.29 N | 93.82 6.32 -27.47 N | 53.45 4.59 -3.73 N | 45.75 3.90 0.00 N |
| HICKLING___1 23621 | 43.53 -0.02 -5.48 N | 36.23 0.25 0.00 N | 64.63 0.18 -5.29 N | 47.94 0.03 -18.97 N | 45.63 -0.04 0.00 N | 45.56 -0.16 0.00 N | 62.15 0.49 -12.57 N | 45.07 -0.19 -13.56 N | 62.78 -0.08 -0.19 N | 96.17 0.39 -20.59 N | 133.75 0.28 -42.81 N | 68.30 0.92 -18.63 N | 53.40 0.33 -17.03 N | 48.86 0.38 -16.44 N | 52.42 0.24 -33.62 N | 50.70 0.57 -14.53 N | 63.68 0.40 -1.87 N | 88.71 0.30 0.56 N | 69.08 0.72 0.00 N | 81.39 2.06 0.00 N | 79.18 1.85 0.00 N | 64.35 0.91 -3.41 N | 46.47 0.42 -0.92 N | 42.20 0.35 0.00 N |

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| HICKLING___2 23622 | 43.53 -0.02 -5.48 N | 36.23 0.25 0.00 N | 64.63 0.18 -5.29 N | 47.94 0.03 -18.97 N | 45.63 -0.04 0.00 N | 45.56 -0.16 0.00 N | 62.15 0.49 -12.57 N | 45.07 -0.19 -13.56 N | 62.78 -0.08 -0.19 N | 96.17 0.39 -20.59 N | 133.75 0.28 -42.81 N | 68.30 0.92 -18.63 N | 53.40 0.33 -17.03 N | 48.86 0.38 -16.44 N | 52.42 0.24 -33.62 N | 50.70 0.57 -14.53 N | 63.68 0.40 -1.87 N | 88.71 0.30 0.56 N | 69.08 0.72 0.00 N | 81.39 2.06 0.00 N | 79.18 1.85 0.00 N | 64.35 0.91 -3.41 N | 46.47 0.42 -0.92 N | 42.20 0.35 0.00 N |
| HIGH FALLS___HY 23754 | 64.38 3.92 -22.40 N | 40.10 4.12 0.00 N | 87.45 6.66 -21.64 N | 109.67 3.21 -77.52 N | 50.78 5.10 0.00 N | 50.86 5.14 0.00 N | 106.12 5.67 -51.35 N | 90.72 3.62 -55.39 N | 70.10 7.43 0.00 N | 90.85 9.52 -6.14 N | 130.77 11.54 -28.57 N | 107.39 6.53 -52.11 N | 109.30 4.72 -68.54 N | 103.33 4.12 -67.17 N | 158.27 2.33 -137.37 N | 99.63 4.65 -59.37 N | 77.18 8.14 -7.63 N | 100.31 11.42 0.09 N | 77.26 8.90 0.00 N | 90.00 10.67 0.00 N | 87.57 10.25 0.00 N | 81.73 7.85 -13.85 N | 54.56 5.69 -3.75 N | 46.82 4.98 0.00 N |
| HILLBURN___GT 23639 | 62.90 3.48 -21.35 N | 39.29 3.31 0.00 N | 84.91 5.13 -20.63 N | 105.33 2.49 -73.90 N | 49.67 4.00 0.00 N | 49.72 4.00 0.00 N | 102.34 4.30 -48.95 N | 87.21 2.71 -52.80 N | 67.97 5.30 0.00 N | 87.78 6.73 -5.85 N | 125.77 7.88 -27.23 N | 103.03 4.61 -49.67 N | 104.72 3.36 -65.33 N | 99.04 2.97 -64.03 N | 151.16 1.66 -130.93 N | 95.59 3.40 -56.59 N | 74.69 6.00 -7.27 N | 96.70 7.81 0.09 N | 74.40 6.04 0.00 N | 86.80 7.48 0.00 N | 84.60 7.28 0.00 N | 79.14 5.84 -13.27 N | 52.85 4.13 -3.59 N | 45.45 3.60 0.00 N |
| HISHELDN_WT_PWR 323625 | 39.58 -2.40 -3.91 N | 33.84 -2.13 0.00 N | 58.62 -4.31 -3.78 N | 40.31 -2.16 -13.53 N | 42.14 -3.53 0.00 N | 42.22 -3.50 0.00 N | 54.38 -3.68 -8.97 N | 38.30 -3.07 -9.67 N | 55.76 -6.33 0.58 N | 10.94 -7.45 56.80 N | -21.84 -9.12 103.38 N | 35.86 -4.39 8.49 N | 43.81 -3.42 -11.19 N | 41.01 -2.76 -11.73 N | 41.05 -1.50 -23.98 N | 43.30 -2.66 -10.36 N | 57.28 -5.47 -1.33 N | 81.73 -8.08 -0.84 N | 62.89 -5.47 0.00 N | 74.39 -4.93 0.00 N | 72.72 -4.60 0.00 N | 57.99 -4.47 -2.43 N | 42.51 -3.27 -0.66 N | 39.12 -2.72 0.00 N |
| HOLTSVILLE_IC_1 23690 | 63.58 3.31 -22.20 N | 40.06 4.08 0.00 N | 86.26 5.66 -21.45 N | 108.63 2.86 -76.82 N | 50.72 5.04 0.00 N | 50.59 4.87 0.00 N | 104.69 4.71 -50.89 N | 89.48 2.88 -54.90 N | 67.75 5.08 0.00 N | 87.21 5.94 -6.08 N | 125.62 6.65 -28.31 N | 104.35 3.96 -51.65 N | 107.37 3.41 -67.93 N | 101.63 3.02 -66.57 N | 156.38 1.68 -136.14 N | 98.04 3.60 -58.84 N | 75.39 6.41 -7.56 N | 116.22 8.35 -18.89 N | 74.76 6.40 0.00 N | 93.49 8.13 -6.04 N | 90.66 8.04 -5.29 N | 93.81 6.31 -27.47 N | 53.38 4.52 -3.73 N | 45.76 3.91 0.00 N |
| HOLTSVILLE_IC_10 23699 | 64.29 4.02 -22.20 N | 40.71 4.73 0.00 N | 87.30 6.70 -21.45 N | 109.13 3.36 -76.82 N | 51.52 5.85 0.00 N | 51.43 5.71 0.00 N | 105.64 5.66 -50.89 N | 90.10 3.50 -54.90 N | 69.02 6.34 0.00 N | 88.82 7.55 -6.08 N | 127.57 8.59 -28.31 N | 105.41 5.01 -51.65 N | 108.13 4.16 -67.93 N | 102.30 3.68 -66.57 N | 156.77 2.07 -136.14 N | 98.79 4.35 -58.84 N | 76.72 7.74 -7.56 N | 118.11 10.24 -18.89 N | 76.26 7.90 0.00 N | 95.24 9.87 -6.04 N | 92.46 9.84 -5.29 N | 95.15 7.65 -27.47 N | 54.34 5.48 -3.73 N | 46.60 4.75 0.00 N |
| HOLTSVILLE_IC_2 23691 | 63.58 3.31 -22.20 N | 40.06 4.08 0.00 N | 86.26 5.66 -21.45 N | 108.63 2.86 -76.82 N | 50.72 5.04 0.00 N | 50.59 4.87 0.00 N | 104.69 4.71 -50.89 N | 89.48 2.88 -54.90 N | 67.75 5.08 0.00 N | 87.21 5.94 -6.08 N | 125.62 6.65 -28.31 N | 104.35 3.96 -51.65 N | 107.37 3.41 -67.93 N | 101.63 3.02 -66.57 N | 156.38 1.68 -136.14 N | 98.04 3.60 -58.84 N | 75.39 6.41 -7.56 N | 116.22 8.35 -18.89 N | 74.76 6.40 0.00 N | 93.49 8.13 -6.04 N | 90.66 8.04 -5.29 N | 93.81 6.31 -27.47 N | 53.38 4.52 -3.73 N | 45.76 3.91 0.00 N |
| HOLTSVILLE_IC_3 23692 | 63.58 3.31 -22.20 N | 40.06 4.08 0.00 N | 86.26 5.66 -21.45 N | 108.63 2.86 -76.82 N | 50.72 5.04 0.00 N | 50.59 4.87 0.00 N | 104.69 4.71 -50.89 N | 89.48 2.88 -54.90 N | 67.75 5.08 0.00 N | 87.21 5.94 -6.08 N | 125.62 6.65 -28.31 N | 104.35 3.96 -51.65 N | 107.37 3.41 -67.93 N | 101.63 3.02 -66.57 N | 156.38 1.68 -136.14 N | 98.04 3.60 -58.84 N | 75.39 6.41 -7.56 N | 116.22 8.35 -18.89 N | 74.76 6.40 0.00 N | 93.49 8.13 -6.04 N | 90.66 8.04 -5.29 N | 93.81 6.31 -27.47 N | 53.38 4.52 -3.73 N | 45.76 3.91 0.00 N |
| HOLTSVILLE_IC_4 23693 | 63.58 3.31 -22.20 N | 40.06 4.08 0.00 N | 86.26 5.66 -21.45 N | 108.63 2.86 -76.82 N | 50.72 5.04 0.00 N | 50.59 4.87 0.00 N | 104.69 4.71 -50.89 N | 89.48 2.88 -54.90 N | 67.75 5.08 0.00 N | 87.21 5.94 -6.08 N | 125.62 6.65 -28.31 N | 104.35 3.96 -51.65 N | 107.37 3.41 -67.93 N | 101.63 3.02 -66.57 N | 156.38 1.68 -136.14 N | 98.04 3.60 -58.84 N | 75.39 6.41 -7.56 N | 116.22 8.35 -18.89 N | 74.76 6.40 0.00 N | 93.49 8.13 -6.04 N | 90.66 8.04 -5.29 N | 93.81 6.31 -27.47 N | 53.38 4.52 -3.73 N | 45.76 3.91 0.00 N |
| HOLTSVILLE_IC_5 23694 | 63.58 3.31 -22.20 N | 40.06 4.08 0.00 N | 86.26 5.66 -21.45 N | 108.63 2.86 -76.82 N | 50.72 5.04 0.00 N | 50.59 4.87 0.00 N | 104.69 4.71 -50.89 N | 89.48 2.88 -54.90 N | 67.75 5.08 0.00 N | 87.21 5.94 -6.08 N | 125.62 6.65 -28.31 N | 104.35 3.96 -51.65 N | 107.37 3.41 -67.93 N | 101.63 3.02 -66.57 N | 156.38 1.68 -136.14 N | 98.04 3.60 -58.84 N | 75.39 6.41 -7.56 N | 116.22 8.35 -18.89 N | 74.76 6.40 0.00 N | 93.49 8.13 -6.04 N | 90.66 8.04 -5.29 N | 93.81 6.31 -27.47 N | 53.38 4.52 -3.73 N | 45.76 3.91 0.00 N |
| HOLTSVILLE_IC_6 23695 | 64.29 4.02 -22.20 N | 40.71 4.73 0.00 N | 87.30 6.70 -21.45 N | 109.13 3.36 -76.82 N | 51.52 5.85 0.00 N | 51.43 5.71 0.00 N | 105.64 5.66 -50.89 N | 90.10 3.50 -54.90 N | 69.02 6.34 0.00 N | 88.82 7.55 -6.08 N | 127.57 8.59 -28.31 N | 105.41 5.01 -51.65 N | 108.13 4.16 -67.93 N | 102.30 3.68 -66.57 N | 156.77 2.07 -136.14 N | 98.79 4.35 -58.84 N | 76.72 7.74 -7.56 N | 118.11 10.24 -18.89 N | 76.26 7.90 0.00 N | 95.24 9.87 -6.04 N | 92.46 9.84 -5.29 N | 95.15 7.65 -27.47 N | 54.34 5.48 -3.73 N | 46.60 4.75 0.00 N |
| HOLTSVILLE_IC_7 23696 | 64.29 4.02 -22.20 N | 40.71 4.73 0.00 N | 87.30 6.70 -21.45 N | 109.13 3.36 -76.82 N | 51.52 5.85 0.00 N | 51.43 5.71 0.00 N | 105.64 5.66 -50.89 N | 90.10 3.50 -54.90 N | 69.02 6.34 0.00 N | 88.82 7.55 -6.08 N | 127.57 8.59 -28.31 N | 105.41 5.01 -51.65 N | 108.13 4.16 -67.93 N | 102.30 3.68 -66.57 N | 156.77 2.07 -136.14 N | 98.79 4.35 -58.84 N | 76.72 7.74 -7.56 N | 118.11 10.24 -18.89 N | 76.26 7.90 0.00 N | 95.24 9.87 -6.04 N | 92.46 9.84 -5.29 N | 95.15 7.65 -27.47 N | 54.34 5.48 -3.73 N | 46.60 4.75 0.00 N |
| HOLTSVILLE_IC_8 23697 | 64.29 4.02 -22.20 N | 40.71 4.73 0.00 N | 87.30 6.70 -21.45 N | 109.13 3.36 -76.82 N | 51.52 5.85 0.00 N | 51.43 5.71 0.00 N | 105.64 5.66 -50.89 N | 90.10 3.50 -54.90 N | 69.02 6.34 0.00 N | 88.82 7.55 -6.08 N | 127.57 8.59 -28.31 N | 105.41 5.01 -51.65 N | 108.13 4.16 -67.93 N | 102.30 3.68 -66.57 N | 156.77 2.07 -136.14 N | 98.79 4.35 -58.84 N | 76.72 7.74 -7.56 N | 118.11 10.24 -18.89 N | 76.26 7.90 0.00 N | 95.24 9.87 -6.04 N | 92.46 9.84 -5.29 N | 95.15 7.65 -27.47 N | 54.34 5.48 -3.73 N | 46.60 4.75 0.00 N |
| HOLTSVILLE_IC_9 23698 | 64.29 4.02 -22.20 N | 40.71 4.73 0.00 N | 87.30 6.70 -21.45 N | 109.13 3.36 -76.82 N | 51.52 5.85 0.00 N | 51.43 5.71 0.00 N | 105.64 5.66 -50.89 N | 90.10 3.50 -54.90 N | 69.02 6.34 0.00 N | 88.82 7.55 -6.08 N | 127.57 8.59 -28.31 N | 105.41 5.01 -51.65 N | 108.13 4.16 -67.93 N | 102.30 3.68 -66.57 N | 156.77 2.07 -136.14 N | 98.79 4.35 -58.84 N | 76.72 7.74 -7.56 N | 118.11 10.24 -18.89 N | 76.26 7.90 0.00 N | 95.24 9.87 -6.04 N | 92.46 9.84 -5.29 N | 95.15 7.65 -27.47 N | 54.34 5.48 -3.73 N | 46.60 4.75 0.00 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 | N |
| HOWARD_WT_PWR 323690 | 42.36 -0.33 -4.62 N | 35.85 -0.13 0.00 N | 62.50 -1.12 -4.47 N | 44.42 -0.51 -16.00 N | 44.69 -0.98 0.00 N | 44.58 -1.15 0.00 N | 59.04 -0.66 -10.60 N | 42.24 -0.90 -11.43 N | 61.31 -1.71 -0.34 N | 109.79 -1.39 -35.99 N | 159.51 -1.94 -70.80 N | 69.67 -0.45 -21.37 N | 50.13 -0.52 -14.61 N | 45.68 -0.22 -13.86 N | 46.86 -0.06 -28.35 N | 47.90 0.05 -12.25 N | 62.45 -0.55 -1.57 N | 88.14 -0.75 0.09 N | 68.47 0.11 0.00 N | 80.73 1.40 0.00 N | 78.61 1.29 0.00 N | 63.08 0.17 -2.88 N | 45.87 -0.04 -0.78 N | 41.86 0.01 0.00 N | | |
| HQ_GEN_CEDARS 23644 | 36.55 -1.52 0.00 N | 34.46 -1.53 0.00 N | 57.02 -2.14 0.00 N | 27.99 -0.95 0.00 N | 44.13 -1.54 0.00 N | 44.29 -1.43 0.00 N | 47.21 -1.88 0.00 N | 31.14 -0.56 0.00 N | 61.54 -1.13 0.00 N | 74.02 -1.17 0.00 N | 89.10 -1.56 0.00 N | 47.03 -1.72 0.00 N | 35.05 -0.98 0.00 N | 31.27 -0.77 0.00 N | 18.13 -0.44 0.00 N | 34.69 -0.91 0.00 N | 60.77 -0.65 0.00 N | 88.30 -0.67 0.00 N | 67.52 -0.84 0.00 N | 77.82 -1.50 0.00 N | 74.36 -2.97 0.00 N | 58.37 -1.66 0.00 N | 43.91 -1.22 0.00 N | 41.52 -0.33 0.00 N | | |
| HQ_GEN_CEDARS_PROXY 323590 | 37.63 -1.60 10.90 N | 34.46 -1.53 0.00 N | 42.02 -1.74 -1.78 N | 27.99 -0.95 0.00 N | 44.13 -1.54 0.00 N | 44.29 -1.43 0.00 N | 47.21 -1.88 0.00 N | 39.99 -0.52 -4.39 N | 61.54 -1.13 0.00 N | 74.02 -1.17 0.00 N | 89.10 -1.56 0.00 N | 47.03 -1.72 0.00 N | 35.05 -0.98 0.00 N | 31.27 -0.77 0.00 N | 18.13 -0.44 0.00 N | 34.69 -0.91 0.00 N | 60.77 -0.65 0.00 N | 108.30 0.09 -1.63 N | 67.52 -0.84 0.00 N | 77.82 -1.50 0.00 N | 74.36 -2.97 0.00 N | 69.05 -2.11 -4.20 N | 41.31 -1.39 2.97 N | 41.52 -0.33 0.00 N | | |
| HQ_GEN_IMPORT 323601 | 28.21 -0.69 9.73 N | 32.86 -0.74 1.78 N | 55.22 -0.95 -1.78 N | 28.42 -0.51 0.00 N | 44.94 -0.73 0.00 N | 45.07 -0.65 0.00 N | 46.63 -0.79 4.39 N | 32.09 -0.33 -0.88 N | 62.02 -0.66 0.00 N | 74.20 -1.00 0.00 N | 89.52 -1.14 0.00 N | 47.90 -0.85 0.00 N | 35.50 -0.54 0.00 N | 31.55 -0.49 0.00 N | 18.28 -0.28 0.00 N | 35.03 -0.57 0.00 N | 60.62 -0.80 0.00 N | 88.22 -0.75 0.00 N | 67.60 -0.76 0.00 N | 78.08 -1.24 0.00 N | 76.09 -1.24 0.00 N | 59.11 -0.91 0.00 N | 41.81 -0.68 2.97 N | 37.10 -0.48 -3.32 N | | |
| HQ_GEN_WHEEL 23651 | 28.21 -0.69 9.73 N | 32.86 -0.74 1.78 N | 55.22 -0.95 -1.78 N | 28.42 -0.51 0.00 N | 44.94 -0.73 0.00 N | 45.07 -0.65 0.00 N | 46.63 -0.79 4.39 N | 32.09 -0.33 -0.88 N | 62.02 -0.66 0.00 N | 74.20 -1.00 0.00 N | 89.52 -1.14 0.00 N | 47.90 -0.85 0.00 N | 35.50 -0.54 0.00 N | 31.55 -0.49 0.00 N | 18.28 -0.28 0.00 N | 35.03 -0.57 0.00 N | 60.62 -0.80 0.00 N | 88.22 -0.75 0.00 N | 67.60 -0.76 0.00 N | 78.08 -1.24 0.00 N | 76.09 -1.24 0.00 N | 59.11 -0.91 0.00 N | 41.81 -0.68 2.97 N | 37.10 -0.48 -3.32 N | | |
| HUDSON_AVE_GT_3 23810 | 63.91 3.65 -22.19 N | 39.51 3.53 0.00 N | 86.07 5.47 -21.44 N | 108.40 2.64 -76.82 N | 49.91 4.24 0.00 N | 49.91 4.19 0.00 N | 104.47 4.48 -50.89 N | 89.40 2.81 -54.89 N | 68.23 5.56 0.00 N | 88.39 7.11 -28.31 N | 127.18 8.21 -51.64 N | 105.14 4.75 -67.92 N | 107.51 3.55 -66.57 N | 101.78 3.17 -136.12 N | 156.44 1.75 -58.83 N | 98.08 3.65 -7.56 N | 75.48 6.50 -0.09 N | 97.33 8.44 0.09 N | 74.85 6.49 0.00 N | 87.30 7.97 0.00 N | 85.00 7.67 0.00 N | 79.91 6.08 -13.80 N | 53.18 4.32 -3.73 N | 45.59 3.74 0.00 N | | |
| HUDSON_AVE_GT_4 23540 | 63.91 3.65 -22.19 N | 39.51 3.53 0.00 N | 86.07 5.47 -21.44 N | 108.40 2.64 -76.82 N | 49.91 4.24 0.00 N | 49.91 4.19 0.00 N | 104.47 4.48 -50.89 N | 89.40 2.81 -54.89 N | 68.23 5.56 0.00 N | 88.39 7.11 -28.31 N | 127.18 8.21 -51.64 N | 105.14 4.75 -67.92 N | 107.51 3.55 -66.57 N | 101.78 3.17 -136.12 N | 156.44 1.75 -58.83 N | 98.08 3.65 -7.56 N | 75.48 6.50 -0.09 N | 97.33 8.44 0.09 N | 74.85 6.49 0.00 N | 87.30 7.97 0.00 N | 85.00 7.67 0.00 N | 79.91 6.08 -13.80 N | 53.18 4.32 -3.73 N | 45.59 3.74 0.00 N | | |
| HUDSON_AVE_GT_5 23657 | 63.91 3.65 -22.19 N | 39.51 3.53 0.00 N | 86.07 5.47 -21.44 N | 108.40 2.64 -76.82 N | 49.91 4.24 0.00 N | 49.91 4.19 0.00 N | 104.47 4.48 -50.89 N | 89.40 2.81 -54.89 N | 68.23 5.56 0.00 N | 88.39 7.11 -28.31 N | 127.18 8.21 -51.64 N | 105.14 4.75 -67.92 N | 107.51 3.55 -66.57 N | 101.78 3.17 -136.12 N | 156.44 1.75 -58.83 N | 98.08 3.65 -7.56 N | 75.48 6.50 -0.09 N | 97.33 8.44 0.09 N | 74.85 6.49 0.00 N | 87.30 7.97 0.00 N | 85.00 7.67 0.00 N | 79.91 6.08 -13.80 N | 53.18 4.32 -3.73 N | 45.59 3.74 0.00 N | | |
| HUDSON_AVE_10 24168 | 63.76 3.50 -22.19 N | 39.35 3.37 0.00 N | 85.78 5.18 -21.44 N | 108.25 2.49 -76.82 N | 49.68 4.01 0.00 N | 49.67 3.95 0.00 N | 104.23 4.25 -50.89 N | 89.23 2.64 -54.89 N | 67.89 5.22 0.00 N | 88.04 6.76 -28.31 N | 126.73 7.76 -51.64 N | 104.90 4.51 -67.92 N | 107.31 3.35 -66.57 N | 101.62 3.01 -136.12 N | 156.33 1.64 -58.83 N | 97.90 3.47 -7.56 N | 75.16 6.18 0.09 N | 96.89 8.01 0.00 N | 74.52 6.16 0.00 N | 86.92 7.60 0.00 N | 84.60 7.27 0.00 N | 79.60 5.77 -13.80 N | 52.97 4.11 -3.73 N | 45.39 3.54 0.00 N | | |
| HUNTER_MOUNT___DRP 323613 | 66.19 3.26 -24.87 N | 38.98 3.00 0.00 N | 87.99 4.81 -24.03 N | 117.36 2.36 -86.07 N | 49.34 3.67 0.00 N | 49.37 3.64 0.00 N | 110.06 3.95 -57.01 N | 95.77 2.57 -61.50 N | 67.82 5.15 0.00 N | 88.54 6.52 -8.82 N | 130.20 7.82 -31.72 N | 111.01 4.41 -57.86 N | 115.31 3.18 -76.10 N | 109.44 2.82 -74.58 N | 172.69 1.60 -152.51 N | 104.66 3.14 -65.92 N | 75.30 5.42 -8.47 N | 96.16 7.27 0.08 N | 74.09 5.73 0.00 N | 86.31 6.99 0.00 N | 84.06 6.73 0.00 N | 80.42 5.25 -15.15 N | 53.11 3.89 -4.09 N | 45.25 3.41 0.00 N | | |
| HUNTLEY___63 23557 | 38.74 -2.76 -3.43 N | 33.47 -2.51 0.00 N | 57.30 -5.17 -3.31 N | 38.28 -2.53 -11.87 N | 41.57 -4.10 0.00 N | 41.68 -4.04 0.00 N | 52.18 -4.78 -7.86 N | 36.17 -4.01 -8.48 N | 53.77 -8.65 0.25 N | 39.89 -10.40 24.91 N | 35.47 -12.61 42.57 N | 42.68 -6.55 -0.48 N | 41.26 -4.94 -10.17 N | 38.33 -4.00 -10.29 N | 37.41 -2.20 -21.04 N | 40.63 -4.06 -9.09 N | 54.35 -8.24 -1.17 N | 72.04 -12.10 4.84 N | 59.87 -8.49 0.00 N | 70.94 -8.38 0.00 N | 69.66 -7.67 0.00 N | 55.23 -6.93 -2.13 N | 40.93 -4.78 -0.58 N | 38.09 -3.76 0.00 N | | |
| HUNTLEY___64 23558 | 38.74 -2.76 -3.43 N | 33.47 -2.51 0.00 N | 57.30 -5.17 -3.31 N | 38.28 -2.53 -11.87 N | 41.57 -4.10 0.00 N | 41.68 -4.04 0.00 N | 52.18 -4.78 -7.86 N | 36.17 -4.01 -8.48 N | 53.77 -8.65 0.25 N | 39.89 -10.40 24.91 N | 35.47 -12.61 42.57 N | 42.68 -6.55 -0.48 N | 41.26 -4.94 -10.17 N | 38.33 -4.00 -10.29 N | 37.41 -2.20 -21.04 N | 40.63 -4.06 -9.09 N | 54.35 -8.24 -1.17 N | 72.04 -12.10 4.84 N | 59.87 -8.49 0.00 N | 70.94 -8.38 0.00 N | 69.66 -7.67 0.00 N | 55.23 -6.93 -2.13 N | 40.93 -4.78 -0.58 N | 38.09 -3.76 0.00 N | | |
| HUNTLEY___65 23559 | 38.74 -2.76 -3.43 N | 33.47 -2.51 0.00 N | 57.30 -5.17 -3.31 N | 38.28 -2.53 -11.87 N | 41.57 -4.10 0.00 N | 41.68 -4.04 0.00 N | 52.18 -4.78 -7.86 N | 36.17 -4.01 -8.48 N | 53.77 -8.65 0.25 N | 39.89 -10.40 24.91 N | 35.47 -12.61 42.57 N | 42.68 -6.55 -0.48 N | 41.26 -4.94 -10.17 N | 38.33 -4.00 -10.29 N | 37.41 -2.20 -21.04 N | 40.63 -4.06 -9.09 N | 54.35 -8.24 -1.17 N | 72.04 -12.10 4.84 N | 59.87 -8.49 0.00 N | 70.94 -8.38 0.00 N | 69.66 -7.67 0.00 N | 55.23 -6.93 -2.13 N | 40.93 -4.78 -0.58 N | 38.09 -3.76 0.00 N | | |
| HUNTLEY___66 | 38.74 | 33.47 | 57.30 | 38.28 | 41.57 | 41.68 | 52.18 | 36.17 | 53.77 | 39.89 | 35.47 | 42.68 | 41.26 | 38.33 | 37.41 | 40.63 | 54.35 | 72.04 | 59.87 | 70.94 | 69.66 | 55.23 | 40.93 | 38.09 | | |

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| 23560 | -2.76 -3.43 N | -2.51 0.00 N | -5.17 -3.31 N | -2.53 -11.87 N | -4.10 0.00 N | -4.04 0.00 N | -4.78 -7.86 N | -4.01 -8.48 N | -8.65 0.25 N | -10.40 24.91 N | -12.61 42.57 N | -6.55 -0.48 N | -4.94 -10.17 N | -4.00 -10.29 N | -2.20 -21.04 N | -4.06 -9.09 N | -8.24 -1.17 N | -12.10 4.84 N | -8.49 0.00 N | -8.38 0.00 N | -7.67 0.00 N | -6.93 -2.13 N | -4.78 -0.58 N | -3.76 0.00 N |
| HUNTLEY____67 23561 | 38.40 -3.13 -3.46 N | 33.17 -2.81 0.00 N | 56.94 -5.57 -3.35 N | 38.19 -2.74 -11.99 N | 41.24 -4.43 0.00 N | 41.37 -4.35 0.00 N | 52.17 -4.86 -7.94 N | 36.38 -3.88 -8.57 N | 54.11 -8.30 0.26 N | 38.55 -9.97 26.68 N | 32.71 -12.09 45.86 N | 42.79 -6.21 -0.25 N | 41.55 -4.73 -10.25 N | 38.57 -3.87 -10.39 N | 37.66 -2.16 -21.25 N | 40.79 -3.99 -9.18 N | 54.63 -7.97 -1.18 N | 72.50 -11.66 4.81 N | 60.14 -8.22 0.00 N | 71.20 -8.12 0.00 N | 69.87 -7.46 0.00 N | 55.46 -6.73 -2.16 N | 40.88 -4.83 -0.58 N | 37.80 -4.04 0.00 N |
| HUNTLEY____68 23562 | 38.40 -3.13 -3.46 N | 33.17 -2.81 0.00 N | 56.94 -5.57 -3.35 N | 38.19 -2.74 -11.99 N | 41.24 -4.43 0.00 N | 41.37 -4.35 0.00 N | 52.17 -4.86 -7.94 N | 36.38 -3.88 -8.57 N | 54.11 -8.30 0.26 N | 38.55 -9.97 26.68 N | 32.71 -12.09 45.86 N | 42.79 -6.21 -0.25 N | 41.55 -4.73 -10.25 N | 38.57 -3.87 -10.39 N | 37.66 -2.16 -21.25 N | 40.79 -3.99 -9.18 N | 54.63 -7.97 -1.18 N | 72.50 -11.66 4.81 N | 60.14 -8.22 0.00 N | 71.20 -8.12 0.00 N | 69.87 -7.46 0.00 N | 55.46 -6.73 -2.16 N | 40.88 -4.83 -0.58 N | 37.80 -4.04 0.00 N |
| HYLAND____LFGE 323620 | 42.11 0.25 -3.80 N | 36.18 0.20 0.00 N | 62.65 -0.17 -3.67 N | 41.99 -0.09 -13.14 N | 45.50 -0.17 0.00 N | 45.62 -0.10 0.00 N | 58.07 0.27 -8.71 N | 40.87 -0.22 -9.39 N | 62.67 -0.27 -0.27 N | 103.81 0.19 -28.42 N | 146.65 0.06 -55.93 N | 66.37 0.44 -17.18 N | 48.12 0.10 -11.98 N | 43.70 0.27 -11.39 N | 42.06 0.20 -23.29 N | 46.17 0.50 -10.07 N | 62.73 0.02 -1.29 N | 89.34 0.11 -0.25 N | 69.23 0.87 0.00 N | 81.39 2.07 0.00 N | 79.24 1.91 0.00 N | 62.88 0.49 -2.36 N | 45.94 0.17 -0.64 N | 42.02 0.17 0.00 N |
| INDECK____CORINTH 23802 | 69.78 2.53 -29.18 N | 38.19 2.21 0.00 N | 90.53 3.18 -28.20 N | 131.88 1.94 -101.00 N | 48.62 2.95 0.00 N | 48.52 2.80 0.00 N | 119.17 3.17 -66.91 N | 106.04 2.17 -72.18 N | 67.35 4.67 0.00 N | 89.48 6.28 -8.01 N | 135.70 7.81 -37.23 N | 120.71 4.06 -67.90 N | 128.41 3.06 -89.30 N | 122.33 2.76 -87.53 N | 199.13 1.58 -178.98 N | 115.81 2.85 -77.36 N | 76.09 4.73 -9.94 N | 95.18 6.28 0.07 N | 73.28 4.92 0.00 N | 85.26 5.94 0.00 N | 83.38 6.05 0.00 N | 83.01 4.80 -18.18 N | 53.35 3.31 -4.92 N | 44.94 3.09 0.00 N |
| INDECK____ILION 23567 | 38.76 1.23 0.54 N | 37.16 1.18 0.00 N | 60.73 2.10 0.52 N | 28.14 1.08 1.87 N | 47.32 1.65 0.00 N | 47.33 1.61 0.00 N | 49.64 1.79 1.24 N | 31.45 1.09 1.34 N | 64.94 2.27 0.00 N | 77.95 2.90 0.15 N | 93.44 3.47 0.69 N | 49.50 2.02 1.26 N | 35.83 1.44 1.66 N | 31.68 1.26 1.62 N | 15.98 0.73 3.32 N | 35.59 1.43 1.43 N | 63.73 2.50 0.18 N | 92.36 3.38 0.00 N | 70.93 2.57 0.00 N | 82.46 3.13 0.00 N | 80.38 3.05 0.00 N | 62.11 2.42 0.34 N | 46.82 1.78 0.09 N | 43.41 1.56 0.00 N |
| INDECK____OLEAN 23982 | 41.77 0.01 -3.70 N | 36.34 0.36 0.00 N | 62.59 -0.14 -3.57 N | 41.59 -0.15 -12.80 N | 45.33 -0.34 0.00 N | 45.49 -0.22 0.00 N | 57.90 0.32 -8.48 N | 40.27 -0.57 -9.15 N | 61.28 -1.12 0.27 N | 46.98 -0.72 27.49 N | 42.75 -0.65 47.26 N | 49.54 0.43 -0.37 N | 46.95 -0.04 -10.95 N | 43.28 0.15 -11.09 N | 41.36 0.11 -22.68 N | 45.77 0.37 -9.80 N | 62.49 -0.19 -1.26 N | 84.22 -0.17 4.59 N | 69.34 0.98 0.00 N | 82.08 2.76 0.00 N | 80.05 2.72 0.00 N | 63.16 0.83 -2.30 N | 46.12 0.37 -0.62 N | 42.11 0.26 0.00 N |
| INDECK____OSWEGO 23783 | 38.61 -1.07 -1.61 N | 34.98 -0.99 0.00 N | 58.83 -1.88 -1.56 N | 33.63 -0.89 -5.59 N | 44.20 -1.47 0.00 N | 44.14 -1.58 0.00 N | 51.03 -1.77 -3.70 N | 34.31 -1.38 -3.99 N | 59.94 -2.74 0.00 N | 72.43 -3.20 -0.44 N | 88.85 -3.87 -2.06 N | 50.57 -1.94 -3.76 N | 39.49 -1.49 -4.94 N | 35.59 -1.30 -4.84 N | 27.72 -0.74 -9.90 N | 38.40 -1.48 -4.28 N | 59.32 -2.65 -0.55 N | 85.00 -3.98 0.00 N | 65.49 -2.87 0.00 N | 76.21 -3.12 0.00 N | 74.41 -2.91 0.00 N | 58.92 -2.12 -1.02 N | 43.92 -1.48 -0.27 N | 40.50 -1.35 0.00 N |
| INDECK____YERKES 23781 | 38.74 -2.76 -3.43 N | 33.47 -2.51 0.00 N | 57.30 -5.17 -3.31 N | 38.28 -2.53 -11.87 N | 41.57 -4.10 0.00 N | 41.68 -4.04 0.00 N | 52.18 -4.78 -7.86 N | 36.17 -4.01 -8.48 N | 53.77 -8.65 0.25 N | 39.89 -10.40 24.91 N | 35.47 -12.61 42.57 N | 42.68 -6.55 -0.48 N | 41.26 -4.94 -10.17 N | 38.33 -4.00 -10.29 N | 37.41 -2.20 -21.04 N | 40.63 -4.06 -9.09 N | 54.35 -8.24 -1.17 N | 72.04 -12.10 4.84 N | 59.87 -8.49 0.00 N | 70.94 -8.38 0.00 N | 69.66 -7.67 0.00 N | 55.23 -6.93 -2.13 N | 40.93 -4.78 -0.58 N | 38.09 -3.76 0.00 N |
| INDIAN POINT_GT_1 24139 | 63.35 3.24 -22.04 N | 39.07 3.09 0.00 N | 85.28 4.82 -21.30 N | 107.58 2.35 -76.29 N | 49.42 3.75 0.00 N | 49.42 3.70 0.00 N | 103.60 3.97 -50.54 N | 88.71 2.49 -54.51 N | 67.56 4.89 0.00 N | 87.45 6.21 -6.04 N | 126.04 7.26 -28.12 N | 104.28 4.24 -51.29 N | 106.60 3.11 -67.45 N | 100.91 2.76 -66.11 N | 155.29 1.54 -135.19 N | 97.19 3.16 -58.43 N | 74.53 5.61 -7.51 N | 96.16 7.27 0.09 N | 73.96 5.60 0.00 N | 86.26 6.94 0.00 N | 84.05 6.72 0.00 N | 79.11 5.38 -13.71 N | 52.65 3.82 -3.71 N | 45.17 3.32 0.00 N |
| INDIAN POINT_GT_2 23659 | 63.35 3.24 -22.04 N | 39.07 3.09 0.00 N | 85.28 4.82 -21.30 N | 107.58 2.35 -76.29 N | 49.42 3.75 0.00 N | 49.42 3.70 0.00 N | 103.60 3.97 -50.54 N | 88.71 2.49 -54.51 N | 67.56 4.89 0.00 N | 87.45 6.21 -6.04 N | 126.04 7.26 -28.12 N | 104.28 4.24 -51.29 N | 106.60 3.11 -67.45 N | 100.91 2.76 -66.11 N | 155.29 1.54 -135.19 N | 97.19 3.16 -58.43 N | 74.53 5.61 -7.51 N | 96.16 7.27 0.09 N | 73.96 5.60 0.00 N | 86.26 6.94 0.00 N | 84.05 6.72 0.00 N | 79.11 5.38 -13.71 N | 52.65 3.82 -3.71 N | 45.17 3.32 0.00 N |
| INDIAN POINT_GT_3 24019 | 63.35 3.24 -22.04 N | 39.07 3.09 0.00 N | 85.28 4.82 -21.30 N | 107.58 2.35 -76.29 N | 49.42 3.75 0.00 N | 49.42 3.70 0.00 N | 103.60 3.97 -50.54 N | 88.71 2.49 -54.51 N | 67.56 4.89 0.00 N | 87.45 6.21 -6.04 N | 126.04 7.26 -28.12 N | 104.28 4.24 -51.29 N | 106.60 3.11 -67.45 N | 100.91 2.76 -66.11 N | 155.29 1.54 -135.19 N | 97.19 3.16 -58.43 N | 74.53 5.61 -7.51 N | 96.16 7.27 0.09 N | 73.96 5.60 0.00 N | 86.26 6.94 0.00 N | 84.05 6.72 0.00 N | 79.11 5.38 -13.71 N | 52.65 3.82 -3.71 N | 45.17 3.32 0.00 N |
| INDIAN POINT____2 23530 | 63.00 3.13 -21.81 N | 38.97 2.99 0.00 N | 84.87 4.64 -21.07 N | 106.67 2.25 -75.48 N | 49.28 3.61 0.00 N | 49.26 3.55 0.00 N | 102.89 3.79 -50.00 N | 88.03 2.39 -53.94 N | 67.32 4.65 0.00 N | 87.11 5.94 -5.97 N | 125.41 6.93 -27.82 N | 103.54 4.05 -50.74 N | 105.75 2.97 -66.74 N | 100.10 2.65 -65.41 N | 153.79 1.46 -133.75 N | 96.44 3.03 -57.81 N | 74.21 5.37 -7.43 N | 95.79 6.91 0.09 N | 73.67 5.31 0.00 N | 85.94 6.62 0.00 N | 83.75 6.42 0.00 N | 78.74 5.15 -13.56 N | 52.44 3.65 -3.67 N | 45.02 3.17 0.00 N |
| INDIAN POINT____3 23531 | 63.19 3.07 -22.05 N | 38.92 2.94 0.00 N | 85.03 4.57 -21.31 N | 107.49 2.22 -76.33 N | 49.22 3.54 0.00 N | 49.20 3.48 0.00 N | 103.38 3.72 -50.56 N | 88.59 2.34 -54.55 N | 67.25 4.58 0.00 N | 87.08 5.84 -6.04 N | 125.59 6.80 -28.13 N | 104.04 3.98 -51.32 N | 106.45 2.93 -67.49 N | 100.78 2.59 -66.15 N | 155.27 1.44 -135.26 N | 97.04 2.98 -58.46 N | 74.22 5.28 -7.51 N | 95.68 6.79 0.09 N | 73.60 5.24 0.00 N | 85.85 6.52 0.00 N | 83.62 6.30 0.00 N | 78.81 5.07 -13.71 N | 52.43 3.60 -3.71 N | 44.97 3.12 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| LEDERLE____ 23769 | 63.20 3.59 -21.53 N | 39.39 3.41 0.00 N | 85.26 5.30 -20.81 N | 106.06 2.58 -74.54 N | 49.82 4.15 0.00 N | 50.19 4.47 0.00 N | 103.25 4.80 -49.35 N | 87.98 3.05 -53.23 N | 68.66 5.99 0.00 N | 88.63 7.54 -5.90 N | 126.99 8.88 -27.45 N | 103.98 5.15 -50.08 N | 105.66 3.76 -65.87 N | 99.92 3.33 -64.56 N | 152.44 1.87 -132.01 N | 96.46 3.80 -57.05 N | 75.42 6.67 -7.33 N | 97.68 8.80 0.09 N | 75.18 6.82 0.00 N | 87.77 8.44 0.00 N | 85.53 8.20 0.00 N | 79.94 6.53 -13.38 N | 53.40 4.66 -3.62 N | 45.92 4.08 0.00 N | |
| LINDEN COGEN____ 23786 | 63.73 3.46 -22.19 N | 39.33 3.35 0.00 N | 85.77 5.17 -21.44 N | 108.25 2.49 -76.82 N | 49.65 3.99 0.00 N | 49.65 3.93 0.00 N | 104.19 4.21 -50.89 N | 89.22 2.63 -54.99 N | 67.86 5.19 0.00 N | 87.93 6.65 -6.08 N | 126.57 7.60 -28.31 N | 104.81 4.42 -51.64 N | 107.25 3.29 -67.92 N | 101.55 2.94 -66.57 N | 156.30 1.61 -136.14 N | 97.83 3.39 -58.84 N | 75.08 6.10 -7.56 N | 96.67 7.79 0.09 N | 74.32 5.96 0.00 N | 86.68 7.36 0.00 N | 84.41 7.08 0.00 N | 79.47 5.64 -13.80 N | 52.85 3.99 -3.73 N | 45.29 3.44 0.00 N | |
| LIPA_MISC_IPP 23656 | 63.58 3.31 -22.20 N | 40.25 4.27 0.00 N | 86.52 5.92 -21.45 N | 108.77 3.00 -76.82 N | 51.01 5.34 0.00 N | 50.95 5.23 0.00 N | 104.99 5.00 -50.89 N | 89.63 3.03 -54.90 N | 67.79 5.11 0.00 N | 87.26 5.98 -6.08 N | 125.68 6.70 -28.31 N | 104.34 3.95 -51.65 N | 107.35 3.38 -67.93 N | 101.62 3.01 -66.57 N | 156.38 1.67 -136.14 N | 98.04 3.61 -58.84 N | 75.46 6.48 -7.56 N | 116.40 8.53 -18.89 N | 74.91 6.55 0.00 N | 93.64 8.28 -6.04 N | 90.82 8.19 -5.29 N | 93.88 6.38 -27.47 N | 53.43 4.57 -3.73 N | 45.85 4.00 0.00 N | |
| LISF____SOLAR 323691 | 63.66 3.40 -22.20 N | 40.39 4.41 0.00 N | 86.72 6.12 -21.45 N | 108.87 3.10 -76.82 N | 51.18 5.50 0.00 N | 51.13 5.41 0.00 N | 105.17 5.18 -50.89 N | 89.74 3.14 -54.90 N | 67.96 5.29 0.00 N | 87.48 6.21 -6.08 N | 125.93 6.96 -28.31 N | 104.48 4.08 -51.65 N | 107.44 3.48 -67.93 N | 101.70 3.09 -66.57 N | 156.43 1.73 -136.14 N | 98.16 3.73 -58.84 N | 75.70 6.72 -7.56 N | 116.81 8.94 -18.89 N | 75.23 6.87 0.00 N | 93.98 8.61 -6.04 N | 91.11 8.49 -5.29 N | 94.10 6.60 -27.47 N | 53.58 4.72 -3.73 N | 46.01 4.16 0.00 N | |
| LITTLE FALLS____HYD 24013 | 39.86 2.34 0.54 N | 38.23 2.25 0.00 N | 62.75 4.12 0.52 N | 29.20 2.13 1.87 N | 48.97 3.30 0.00 N | 48.95 3.23 0.00 N | 51.46 3.61 1.24 N | 32.59 2.22 1.34 N | 67.28 4.61 0.00 N | 80.90 5.85 0.15 N | 96.96 6.99 0.69 N | 51.47 3.98 1.26 N | 37.22 2.84 1.66 N | 32.92 2.50 1.62 N | 16.69 1.44 3.32 N | 37.01 2.84 1.43 N | 66.28 5.05 0.18 N | 95.76 6.78 0.00 N | 73.51 5.15 0.00 N | 85.55 6.23 0.00 N | 83.39 6.06 0.00 N | 64.50 4.80 0.34 N | 48.61 3.58 0.09 N | 44.97 3.12 0.00 N | |
| LI_NEWBRDGE____DRP 323616 | 63.50 3.24 -22.20 N | 39.68 3.70 0.00 N | 85.80 5.20 -21.45 N | 108.37 2.60 -76.82 N | 50.17 4.50 0.00 N | 50.02 4.30 0.00 N | 104.26 4.28 -50.89 N | 89.26 2.66 -54.90 N | 67.62 4.95 0.00 N | 87.23 5.95 -6.08 N | 125.70 6.73 -28.31 N | 104.45 4.05 -51.65 N | 107.38 3.41 -67.93 N | 101.65 3.04 -66.57 N | 156.39 1.68 -136.14 N | 98.01 3.57 -58.84 N | 75.28 6.30 -7.56 N | 116.09 8.22 -18.89 N | 74.67 6.31 0.00 N | 93.24 7.88 -6.04 N | 90.35 7.73 -5.29 N | 93.64 6.14 -27.47 N | 53.29 4.43 -3.73 N | 45.60 3.76 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 40.16 0.27 -1.83 N | 36.24 0.26 0.00 N | 60.91 -0.02 -1.77 N | 35.37 0.09 -6.33 N | 45.77 0.10 0.00 N | 45.86 0.14 0.00 N | 53.60 0.31 -4.20 N | 36.34 0.11 -4.53 N | 62.97 0.30 0.00 N | 76.38 0.66 -0.52 N | 93.60 0.59 -2.35 N | 53.46 0.45 -4.26 N | 41.93 0.29 -5.60 N | 37.80 0.27 -5.49 N | 29.96 0.16 -11.22 N | 40.74 0.29 -4.85 N | 62.44 0.40 -0.62 N | 89.74 0.70 -0.06 N | 69.28 0.92 0.00 N | 79.66 0.34 0.00 N | 75.82 -1.51 0.00 N | 59.77 -1.33 -1.06 N | 44.37 -1.04 -0.29 N | 40.88 -0.97 0.00 N | |
| LOVETT____3 23632 | 62.32 2.65 -21.61 N | 38.52 2.54 0.00 N | 83.93 3.90 -20.88 N | 105.62 1.88 -74.80 N | 48.68 3.00 0.00 N | 48.18 2.47 0.00 N | 101.18 2.58 -49.51 N | 86.65 1.54 -53.41 N | 65.62 2.95 0.00 N | 84.92 3.81 -5.92 N | 122.51 4.31 -27.55 N | 101.62 2.62 -50.25 N | 104.05 1.92 -66.09 N | 98.50 1.69 -64.77 N | 151.95 0.92 -132.46 N | 94.83 1.98 -57.25 N | 72.35 3.57 -7.36 N | 93.08 4.20 0.09 N | 71.55 3.19 0.00 N | 83.40 4.08 0.00 N | 81.28 3.95 0.00 N | 76.79 3.33 -13.43 N | 51.07 2.31 -3.63 N | 43.86 2.01 0.00 N | |
| LOVETT____4 23642 | 62.85 3.16 -21.62 N | 38.99 3.01 0.00 N | 84.71 4.67 -20.89 N | 106.04 2.26 -74.84 N | 49.30 3.63 0.00 N | 49.23 3.51 0.00 N | 102.39 3.72 -49.58 N | 87.50 2.32 -53.48 N | 67.19 4.52 0.00 N | 86.89 5.77 -5.92 N | 124.94 6.70 -27.58 N | 103.00 3.94 -50.31 N | 105.09 2.89 -66.17 N | 99.45 2.56 -64.85 N | 152.61 1.42 -132.62 N | 95.86 2.94 -57.32 N | 73.97 5.19 -7.36 N | 95.53 6.64 0.09 N | 73.46 5.10 0.00 N | 85.69 6.37 0.00 N | 83.52 6.19 0.00 N | 78.48 5.01 -13.45 N | 52.30 3.54 -3.64 N | 44.95 3.10 0.00 N | |
| LOVETT____5 23593 | 62.85 3.16 -21.62 N | 38.99 3.01 0.00 N | 84.71 4.67 -20.89 N | 106.04 2.26 -74.84 N | 49.30 3.63 0.00 N | 49.23 3.51 0.00 N | 102.39 3.72 -49.58 N | 87.50 2.32 -53.48 N | 67.19 4.52 0.00 N | 86.89 5.77 -5.92 N | 124.94 6.70 -27.58 N | 103.00 3.94 -50.31 N | 105.09 2.89 -66.17 N | 99.45 2.56 -64.85 N | 152.61 1.42 -132.62 N | 95.86 2.94 -57.32 N | 73.97 5.19 -7.36 N | 95.53 6.64 0.09 N | 73.46 5.10 0.00 N | 85.69 6.37 0.00 N | 83.52 6.19 0.00 N | 78.48 5.01 -13.45 N | 52.30 3.54 -3.64 N | 44.95 3.10 0.00 N | |
| LOWER RAQUET____HYD 24057 | 36.67 -1.40 0.00 N | 34.56 -1.42 0.00 N | 57.17 -1.99 0.00 N | 28.08 -0.86 0.00 N | 44.30 -1.37 0.00 N | 44.41 -1.31 0.00 N | 46.93 -2.16 0.00 N | 30.91 -0.79 0.00 N | 61.16 -1.51 0.00 N | 73.69 -1.50 0.00 N | 88.73 -1.93 0.00 N | 47.53 -1.22 0.00 N | 35.36 -0.68 0.00 N | 31.66 -0.38 0.00 N | 18.36 -0.21 0.00 N | 34.99 -0.61 0.00 N | 60.49 -0.93 0.00 N | 87.89 -1.09 0.00 N | 67.24 -1.12 0.00 N | 77.47 -1.85 0.00 N | 74.34 -2.99 0.00 N | 58.87 -1.16 0.00 N | 44.19 -0.93 0.00 N | 41.38 -0.47 0.00 N | |
| LOWER____HUDSON 24059 | 70.02 3.30 -28.65 N | 39.01 3.03 0.00 N | 91.84 5.00 -27.68 N | 130.69 2.59 -99.15 N | 49.57 3.90 0.00 N | 49.59 3.87 0.00 N | 119.08 4.31 -65.68 N | 105.34 2.79 -70.85 N | 68.21 5.54 0.00 N | 90.05 7.00 -7.86 N | 135.64 8.43 -36.55 N | 119.93 4.52 -66.66 N | 127.06 3.36 -87.67 N | 120.95 2.99 -85.92 N | 196.01 1.74 -175.70 N | 114.79 3.25 -75.94 N | 76.61 5.43 -9.76 N | 96.35 7.44 0.07 N | 74.15 5.79 0.00 N | 86.23 6.90 0.00 N | 84.09 6.76 0.00 N | 83.23 5.34 -17.85 N | 54.01 4.06 -4.83 N | 45.49 3.64 0.00 N | |
| LWR____OSWEGATCHIE_HYD 23850 | 37.25 -0.82 0.00 N | 35.12 -0.86 0.00 N | 57.83 -1.32 0.00 N | 28.40 -0.54 0.00 N | 44.78 -0.89 0.00 N | 44.88 -0.84 0.00 N | 47.80 -1.29 0.00 N | 31.16 -0.54 0.00 N | 61.77 -0.90 0.00 N | 74.36 -0.83 0.00 N | 89.78 -0.88 0.00 N | 48.28 -0.47 0.00 N | 35.86 -0.18 0.00 N | 32.03 -0.01 0.00 N | 18.56 -0.01 0.00 N | 35.41 -0.19 0.00 N | 61.30 -0.12 0.00 N | 88.78 -0.20 0.00 N | 68.11 -0.25 0.00 N | 78.70 -0.62 0.00 N | 75.94 -1.39 0.00 N | 59.85 -0.18 0.00 N | 44.87 -0.26 0.00 N | 41.79 -0.06 0.00 N | |
| LYONS_FALL_HYD | 38.36 | 36.22 | 59.45 | 29.14 | 45.94 | 46.01 | 49.42 | 31.99 | 63.44 | 76.27 | 92.16 | 49.68 | 36.70 | 32.65 | 18.92 | 36.18 | 62.57 | 90.74 | 69.74 | 80.92 | 78.58 | 61.12 | 45.82 | 42.45 | |

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| 23570 | 0.29 0.00 N | 0.24 0.00 N | 0.29 0.00 N | 0.20 0.00 N | 0.27 0.00 N | 0.29 0.00 N | 0.33 0.00 N | 0.29 0.00 N | 0.76 0.00 N | 1.07 0.00 N | 1.50 0.00 N | 0.93 0.00 N | 0.66 0.00 N | 0.60 0.00 N | 0.34 0.00 N | 0.58 0.00 N | 1.15 0.00 N | 1.76 0.00 N | 1.39 0.00 N | 1.59 0.00 N | 1.25 0.00 N | 1.09 0.00 N | 0.69 0.00 N | 0.60 0.00 N |
| MADISON___COUNTY_LFGE 323628 | 39.40 0.66 -0.68 N | 36.62 0.64 0.00 N | 60.65 0.84 -0.66 N | 31.73 0.44 -2.35 N | 46.28 0.61 0.00 N | 46.32 0.60 0.00 N | 51.39 0.75 -1.56 N | 33.80 0.42 -1.68 N | 63.65 0.98 0.00 N | 76.80 1.42 -0.19 N | 93.30 1.77 -0.87 N | 51.45 1.13 -1.58 N | 38.87 0.76 -2.07 N | 34.77 0.69 -2.03 N | 23.13 0.40 -4.16 N | 38.15 0.75 -1.80 N | 62.85 1.21 -0.23 N | 90.75 1.78 0.00 N | 69.85 1.49 0.00 N | 81.21 1.89 0.00 N | 79.01 1.69 0.00 N | 61.65 1.20 -0.42 N | 46.02 0.78 -0.11 N | 42.51 0.66 0.00 N |
| MAPLE_RIDGE_WT_1 323574 | 36.04 -0.74 1.28 N | 35.58 -0.39 0.00 N | 57.55 -0.37 1.23 N | 24.35 -0.17 4.42 N | 45.25 -0.43 0.00 N | 45.16 -0.56 0.00 N | 45.15 -1.02 2.93 N | 27.76 -0.78 3.16 N | 61.18 -1.49 0.00 N | 73.25 -1.60 0.35 N | 87.23 -1.80 1.63 N | 44.82 -0.95 2.97 N | 31.56 -0.57 3.91 N | 27.71 -0.50 3.83 N | 10.44 -0.30 7.84 N | 31.74 -0.47 3.39 N | 60.25 -0.74 0.43 N | 87.73 -1.25 0.00 N | 67.13 -1.23 0.00 N | 77.75 -1.57 0.00 N | 75.77 -1.55 0.00 N | 58.18 -1.05 0.79 N | 44.29 -0.62 0.21 N | 41.44 -0.41 0.00 N |
| MAPLE_RIDGE_WT_2 323611 | 36.04 -0.74 1.28 N | 35.58 -0.39 0.00 N | 57.55 -0.37 1.23 N | 24.35 -0.17 4.42 N | 45.25 -0.43 0.00 N | 45.16 -0.56 0.00 N | 45.15 -1.02 2.93 N | 27.76 -0.78 3.16 N | 61.18 -1.49 0.00 N | 73.25 -1.60 0.35 N | 87.23 -1.80 1.63 N | 44.82 -0.95 2.97 N | 31.56 -0.57 3.91 N | 27.71 -0.50 3.83 N | 10.44 -0.30 7.84 N | 31.74 -0.47 3.39 N | 60.25 -0.74 0.43 N | 87.73 -1.25 0.00 N | 67.13 -1.23 0.00 N | 77.75 -1.57 0.00 N | 75.77 -1.55 0.00 N | 58.18 -1.05 0.79 N | 44.29 -0.62 0.21 N | 41.44 -0.41 0.00 N |
| MARBLE_RIVER_WT_PWR 323696 | 36.56 -1.51 0.00 N | 34.55 -1.43 0.00 N | 57.52 -1.64 0.00 N | 28.41 -0.53 0.00 N | 44.86 -0.81 0.00 N | 45.11 -0.61 0.00 N | 48.38 -0.71 0.00 N | 31.48 -0.22 0.00 N | 62.14 -0.54 0.00 N | 74.42 -0.78 0.00 N | 89.70 -0.95 0.00 N | 47.74 -1.01 0.00 N | 35.60 -0.43 0.00 N | 31.72 -0.32 0.00 N | 18.40 -0.17 0.00 N | 35.28 -0.32 0.00 N | 61.16 -0.26 0.00 N | 88.78 -0.20 0.00 N | 67.91 -0.45 0.00 N | 78.48 -0.84 0.00 N | 76.21 -1.11 0.00 N | 59.25 -0.78 0.00 N | 44.47 -0.66 0.00 N | 41.54 -0.31 0.00 N |
| MG INDUSTRY___DRP 24185 | 67.94 2.04 -27.83 N | 38.08 2.10 0.00 N | 89.52 3.47 -26.90 N | 126.99 1.71 -96.34 N | 48.30 2.63 0.00 N | 48.29 2.56 0.00 N | 115.64 2.73 -63.82 N | 102.26 1.71 -68.85 N | 66.00 3.33 0.00 N | 87.00 4.17 -7.64 N | 131.09 4.91 -35.51 N | 116.31 2.79 -64.77 N | 123.26 2.04 -85.19 N | 117.36 1.83 -83.49 N | 190.36 1.06 -170.72 N | 111.41 2.02 -73.79 N | 74.26 3.36 -9.48 N | 93.26 4.36 0.07 N | 71.82 3.45 0.00 N | 83.57 4.25 0.00 N | 81.49 4.16 0.00 N | 80.75 3.37 -17.35 N | 52.42 2.60 -4.69 N | 44.18 2.33 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 37.25 -0.82 0.00 N | 35.12 -0.86 0.00 N | 57.83 -1.32 0.00 N | 28.40 -0.54 0.00 N | 44.78 -0.89 0.00 N | 44.88 -0.84 0.00 N | 47.80 -1.29 0.00 N | 31.16 -0.54 0.00 N | 61.77 -0.90 0.00 N | 74.36 -0.83 0.00 N | 89.78 -0.88 0.00 N | 48.28 -0.47 0.00 N | 35.86 -0.18 0.00 N | 32.03 -0.01 0.00 N | 18.56 -0.01 0.00 N | 35.41 -0.19 0.00 N | 61.30 -0.12 0.00 N | 88.78 -0.20 0.00 N | 68.11 -0.25 0.00 N | 78.70 -0.62 0.00 N | 75.94 -1.39 0.00 N | 59.85 -0.18 0.00 N | 44.87 -0.26 0.00 N | 41.79 -0.06 0.00 N |
| MID___RAQUETTE_HYD 23851 | 36.67 -1.40 0.00 N | 34.56 -1.42 0.00 N | 57.17 -1.99 0.00 N | 28.08 -0.86 0.00 N | 44.30 -1.37 0.00 N | 44.41 -1.31 0.00 N | 46.93 -2.16 0.00 N | 30.91 -0.79 0.00 N | 61.16 -1.51 0.00 N | 73.69 -1.50 0.00 N | 88.73 -1.93 0.00 N | 47.53 -1.22 0.00 N | 35.36 -0.68 0.00 N | 31.66 -0.38 0.00 N | 18.36 -0.21 0.00 N | 34.99 -0.61 0.00 N | 60.49 -0.93 0.00 N | 87.89 -1.09 0.00 N | 67.24 -1.12 0.00 N | 77.47 -1.85 0.00 N | 74.34 -2.99 0.00 N | 58.87 -1.16 0.00 N | 44.19 -0.93 0.00 N | 41.38 -0.47 0.00 N |
| MILLIKEN___1 23584 | 40.47 -1.54 -3.94 N | 34.71 -1.27 0.00 N | 60.29 -2.67 -3.81 N | 41.28 -1.29 -13.63 N | 43.55 -2.12 0.00 N | 43.63 -2.09 0.00 N | 56.05 -2.08 -9.03 N | 39.96 -1.48 -9.74 N | 59.98 -2.73 -0.04 N | 77.42 -2.90 -5.13 N | 99.69 -3.59 -12.62 N | 57.22 -1.93 -10.41 N | 46.60 -1.54 -12.11 N | 42.54 -1.32 -11.81 N | 41.96 -0.76 -24.15 N | 44.57 -1.47 -10.44 N | 60.10 -2.66 -1.34 N | 85.12 -3.74 0.12 N | 65.73 -2.63 0.00 N | 76.57 -2.76 0.00 N | 74.47 -2.85 0.00 N | 59.94 -2.54 -2.45 N | 43.70 -2.09 -0.66 N | 40.14 -1.71 0.00 N |
| MILLIKEN___2 23585 | 40.47 -1.54 -3.94 N | 34.71 -1.27 0.00 N | 60.29 -2.67 -3.81 N | 41.28 -1.29 -13.63 N | 43.55 -2.12 0.00 N | 43.63 -2.09 0.00 N | 56.05 -2.08 -9.03 N | 39.96 -1.48 -9.74 N | 59.98 -2.73 -0.04 N | 77.42 -2.90 -5.13 N | 99.69 -3.59 -12.62 N | 57.22 -1.93 -10.41 N | 46.60 -1.54 -12.11 N | 42.54 -1.32 -11.81 N | 41.96 -0.76 -24.15 N | 44.57 -1.47 -10.44 N | 60.10 -2.66 -1.34 N | 85.12 -3.74 0.12 N | 65.73 -2.63 0.00 N | 76.57 -2.76 0.00 N | 74.47 -2.85 0.00 N | 59.94 -2.54 -2.45 N | 43.70 -2.09 -0.66 N | 40.14 -1.71 0.00 N |
| MILLIKEN___DIESEL 23629 | 40.47 -1.54 -3.94 N | 34.71 -1.27 0.00 N | 60.29 -2.67 -3.81 N | 41.28 -1.29 -13.63 N | 43.55 -2.12 0.00 N | 43.63 -2.09 0.00 N | 56.05 -2.08 -9.03 N | 39.96 -1.48 -9.74 N | 59.98 -2.73 -0.04 N | 77.42 -2.90 -5.13 N | 99.69 -3.59 -12.62 N | 57.22 -1.93 -10.41 N | 46.60 -1.54 -12.11 N | 42.54 -1.32 -11.81 N | 41.96 -0.76 -24.15 N | 44.57 -1.47 -10.44 N | 60.10 -2.66 -1.34 N | 85.12 -3.74 0.12 N | 65.73 -2.63 0.00 N | 76.57 -2.76 0.00 N | 74.47 -2.85 0.00 N | 59.94 -2.54 -2.45 N | 43.70 -2.09 -0.66 N | 40.14 -1.71 0.00 N |
| MILLSEAT___LFGE 323607 | 38.91 -2.35 -3.19 N | 33.81 -2.18 0.00 N | 57.61 -4.62 -3.08 N | 37.71 -2.26 -11.03 N | 42.03 -3.65 0.00 N | 42.21 -3.51 0.00 N | 52.20 -4.20 -7.30 N | 36.10 -3.48 -7.88 N | 55.07 -7.41 0.19 N | 48.06 -8.85 18.29 N | 47.91 -10.75 32.00 N | 44.66 -5.60 -1.51 N | 41.30 -4.23 -9.49 N | 38.18 -3.42 -9.55 N | 36.21 -1.90 -19.54 N | 40.56 -3.49 -8.44 N | 55.45 -7.06 -1.09 N | 79.67 -10.24 -0.94 N | 61.30 -7.05 0.00 N | 72.48 -6.84 0.00 N | 71.10 -6.22 0.00 N | 56.12 -5.90 -1.98 N | 41.45 -4.21 -0.54 N | 38.48 -3.37 0.00 N |
| MODEL_CITY_ENERGY 24167 | 38.09 -3.32 -3.34 N | 32.92 -3.06 0.00 N | 56.18 -6.20 -3.23 N | 37.49 -3.02 -11.57 N | 40.80 -4.87 0.00 N | 40.94 -4.77 0.00 N | 51.03 -5.73 -7.66 N | 35.43 -4.54 -8.27 N | 52.74 -9.70 0.23 N | 39.98 -11.75 23.46 N | 36.52 -14.22 39.91 N | 41.93 -7.51 -0.69 N | 40.36 -5.60 -9.92 N | 37.47 -4.60 -10.03 N | 36.50 -2.57 -20.51 N | 39.70 -4.76 -8.86 N | 53.19 -9.37 -1.14 N | 70.40 -13.68 4.90 N | 58.62 -9.74 0.00 N | 69.49 -9.83 0.00 N | 68.40 -8.93 0.00 N | 54.11 -8.00 -2.08 N | 40.04 -5.65 -0.56 N | 37.25 -4.59 0.00 N |
| MODERN_LFGE___ 323580 | 38.09 -3.32 -3.34 N | 32.92 -3.06 0.00 N | 56.18 -6.20 -3.23 N | 37.49 -3.02 -11.57 N | 40.80 -4.87 0.00 N | 40.94 -4.77 0.00 N | 51.03 -5.73 -7.66 N | 35.43 -4.54 -8.27 N | 52.74 -9.70 0.23 N | 39.98 -11.75 23.46 N | 36.52 -14.22 39.91 N | 41.93 -7.51 -0.69 N | 40.36 -5.60 -9.92 N | 37.47 -4.60 -10.03 N | 36.50 -2.57 -20.51 N | 39.70 -4.76 -8.86 N | 53.19 -9.37 -1.14 N | 70.40 -13.68 4.90 N | 58.62 -9.74 0.00 N | 69.49 -9.83 0.00 N | 68.40 -8.93 0.00 N | 54.11 -8.00 -2.08 N | 40.04 -5.65 -0.56 N | 37.25 -4.59 0.00 N |

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| MOHAWK_PAPER___DRP 24187 | 69.40 2.80 -28.53 N | 38.59 2.61 0.00 N | 91.08 4.36 -27.57 N | 129.87 2.16 -98.76 N | 48.97 3.30 0.00 N | 48.94 3.23 0.00 N | 117.94 3.42 -65.42 N | 104.50 2.23 -70.57 N | 67.05 4.38 0.00 N | 88.46 5.44 -7.83 N | 133.61 6.55 -36.40 N | 118.77 3.62 -66.39 N | 126.01 2.65 -87.32 N | 120.00 2.37 -85.58 N | 194.96 1.38 -175.01 N | 113.77 2.53 -75.64 N | 75.31 4.18 -9.72 N | 94.51 5.61 0.07 N | 72.81 4.45 0.00 N | 84.67 5.34 0.00 N | 82.56 5.23 0.00 N | 82.00 4.18 -17.78 N | 53.26 3.33 -4.81 N | 44.81 2.96 0.00 N |
| MONGAUP___HYD 23641 | 61.73 3.41 -20.26 N | 39.20 3.22 0.00 N | 83.85 5.12 -19.57 N | 101.56 2.50 -70.12 N | 49.61 3.94 0.00 N | 49.66 3.94 0.00 N | 99.89 4.35 -46.45 N | 84.38 2.58 -50.11 N | 67.72 5.05 0.00 N | 87.08 6.34 -5.55 N | 124.00 7.50 -25.84 N | 100.17 4.28 -47.14 N | 101.14 3.10 -61.99 N | 95.57 2.77 -60.76 N | 144.38 1.56 -124.25 N | 92.22 2.92 -53.70 N | 73.55 5.23 -6.90 N | 96.08 7.20 0.09 N | 73.94 5.58 0.00 N | 86.10 6.78 0.00 N | 83.88 6.56 0.00 N | 78.16 5.53 -12.60 N | 52.69 4.16 -3.41 N | 45.48 3.63 0.00 N |
| MONTAUK___DIESEL 23721 | 68.54 8.27 -22.20 N | 44.74 8.76 0.00 N | 93.44 12.84 -21.45 N | 112.14 6.37 -76.82 N | 56.31 10.64 0.00 N | 56.49 10.77 0.00 N | 111.26 11.28 -50.89 N | 93.81 7.21 -54.90 N | 76.57 13.89 0.00 N | 98.67 17.39 -6.08 N | 139.31 20.34 -28.31 N | 111.61 11.21 -51.65 N | 112.49 8.52 -67.93 N | 106.12 7.51 -66.57 N | 159.00 4.29 -136.14 N | 103.14 8.70 -58.84 N | 84.69 15.71 -7.56 N | 131.35 23.48 -18.89 N | 86.50 18.13 0.00 N | 106.92 21.55 -6.04 N | 103.31 20.69 -5.29 N | 103.31 15.81 -27.47 N | 59.97 11.10 -3.73 N | 51.44 9.60 0.00 N |
| MUNSVILLE_WIND_PWR 323609 | 47.64 3.03 -6.54 N | 39.02 3.04 0.00 N | 70.32 4.85 -6.32 N | 53.98 2.40 -22.64 N | 49.33 3.66 0.00 N | 49.37 3.65 0.00 N | 68.50 4.41 -15.00 N | 50.42 2.54 -16.17 N | 68.35 5.63 -0.04 N | 88.91 7.53 -6.19 N | 116.13 8.84 -16.63 N | 70.18 4.85 -16.59 N | 59.42 3.31 -20.07 N | 54.58 2.92 -19.62 N | 60.43 1.75 -40.11 N | 56.37 3.43 -17.34 N | 69.44 5.79 -2.23 N | 97.64 8.96 0.30 N | 75.24 6.88 0.00 N | 87.78 8.45 0.00 N | 85.21 7.88 0.00 N | 69.72 5.62 -4.07 N | 50.04 3.82 -1.10 N | 45.42 3.57 0.00 N |
| N SALMON___HYD 24042 | 37.34 -0.73 0.00 N | 35.25 -0.73 0.00 N | 58.53 -0.62 0.00 N | 28.82 -0.12 0.00 N | 45.50 -0.17 0.00 N | 45.74 0.02 0.00 N | 48.92 -0.17 0.00 N | 31.93 0.24 0.00 N | 63.17 0.49 0.00 N | 75.82 0.62 0.00 N | 91.31 0.65 0.00 N | 48.71 -0.03 0.00 N | 36.28 0.24 0.00 N | 32.34 0.30 0.00 N | 18.76 0.19 0.00 N | 35.91 0.31 0.00 N | 62.21 0.79 0.00 N | 90.41 1.43 0.00 N | 69.19 0.83 0.00 N | 79.90 0.57 0.00 N | 77.37 0.04 0.00 N | 60.37 0.34 0.00 N | 45.30 0.17 0.00 N | 42.28 0.43 0.00 N |
| N.E_GEN_SANDY PD 24062 | 84.00 4.01 -29.85 N | 38.85 2.87 0.00 N | 55.22 3.45 -9.79 N | 122.33 2.38 -91.01 N | 49.34 3.67 0.00 N | 49.34 3.62 0.00 N | 113.29 3.91 -60.29 N | 99.00 2.90 -59.98 N | 67.66 4.99 0.00 N | 88.56 6.16 -7.21 N | 131.71 7.51 -33.55 N | 114.05 4.12 -61.19 N | 119.53 3.02 -80.47 N | 113.63 2.72 -78.86 N | 181.42 1.58 -161.27 N | 108.32 3.01 -69.70 N | 150.00 3.51 -105.03 N | 165.00 8.19 -50.22 N | 73.74 5.38 0.00 N | 150.00 7.69 -51.85 N | 150.00 6.87 -60.88 N | 77.70 5.81 -4.93 N | 73.78 3.83 -24.29 N | 45.20 3.35 0.00 N |
| NARROWS_GT1_1 24228 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_2 24229 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_3 24230 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_4 24231 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_5 24232 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_6 24233 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_7 24234 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N |
| NARROWS_GT1_8 24235 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 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 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_2 24237 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_3 24238 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_4 24239 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_5 24240 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_6 24241 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_7 24242 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NARROWS_GT2_8 24243 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |
| NEG CAPITAL___MECHNVIL 23645 | 70.73 3.41 -29.24 N | 39.12 3.14 0.00 N | 92.48 5.06 -28.26 N | 132.81 2.64 -101.23 N | 49.69 4.02 0.00 N | 49.73 4.01 0.00 N | 120.63 4.48 -67.06 N | 106.98 2.94 -72.34 N | 68.64 5.97 0.00 N | 90.83 7.60 -8.03 N | 137.20 9.23 -37.32 N | 121.75 4.95 -68.05 N | 129.21 3.67 -89.50 N | 123.04 3.28 -87.72 N | 199.85 1.90 -179.38 N | 116.67 3.54 -77.53 N | 77.38 5.99 -9.96 N | 97.33 8.42 0.07 N | 74.88 6.52 0.00 N | 87.05 7.72 0.00 N | 84.87 7.54 0.00 N | 84.16 5.91 -18.22 N | 54.38 4.32 -4.93 N | 45.72 3.87 0.00 N | |
| NEG CENTRAL_HIGH_ACRES 23767 | 38.46 -2.19 -2.58 N | 33.95 -2.03 0.00 N | 57.80 -3.85 -2.50 N | 36.00 -1.88 -8.94 N | 42.63 -3.04 0.00 N | 42.79 -2.93 0.00 N | 51.87 -3.15 -5.92 N | 35.75 -2.34 -6.39 N | 57.87 -4.76 0.04 N | 65.93 -5.63 3.63 N | 78.80 -6.92 4.94 N | 49.81 -3.59 -4.65 N | 41.16 -2.72 -7.85 N | 37.54 -2.26 -7.75 N | 33.14 -1.28 -15.85 N | 40.06 -2.39 -6.85 N | 57.72 -4.58 -0.88 N | 82.83 -6.59 -0.44 N | 63.73 -4.63 0.00 N | 74.57 -4.76 0.00 N | 72.77 -4.55 0.00 N | 57.54 -4.10 -1.61 N | 42.46 -3.11 -0.43 N | 39.07 -2.78 0.00 N | |
| NEG CENTRAL___DRP 24199 | 40.40 -0.48 -2.81 N | 35.62 -0.36 0.00 N | 60.93 -0.94 -2.71 N | 38.21 -0.45 -9.71 N | 44.89 -0.78 0.00 N | 44.96 -0.76 0.00 N | 54.95 -0.58 -6.44 N | 38.03 -0.61 -6.94 N | 61.63 -1.06 -0.02 N | 77.46 -0.94 -3.20 N | 97.47 -1.27 -8.08 N | 55.58 -0.44 -7.26 N | 44.17 -0.49 -8.62 N | 40.11 -0.35 -8.42 N | 35.59 -0.19 -17.22 N | 42.69 -0.35 -7.44 N | 61.47 -0.90 -0.96 N | 87.83 -1.28 -0.13 N | 67.75 -0.61 0.00 N | 79.18 -0.15 0.00 N | 77.05 -0.28 0.00 N | 61.11 -0.66 -1.75 N | 44.94 -0.65 -0.47 N | 41.19 -0.66 0.00 N | |
| NEG CENTRAL___INDECK 23768 | 41.73 -0.14 -3.80 N | 35.82 -0.16 0.00 N | 62.07 -0.76 -3.67 N | 41.74 -0.37 -13.16 N | 45.06 -0.62 0.00 N | 45.17 -0.55 0.00 N | 57.57 -0.24 -8.72 N | 40.54 -0.57 -9.41 N | 61.92 -1.03 -0.27 N | 102.97 -0.80 -28.58 N | 145.71 -1.17 -56.22 N | 65.76 -0.23 -17.24 N | 47.67 -0.37 -12.00 N | 43.32 -0.13 -11.40 N | 41.86 -0.04 -23.32 N | 45.73 0.05 -10.08 N | 61.98 -0.73 -1.30 N | 88.22 -1.01 -0.25 N | 68.33 -0.03 0.00 N | 80.35 1.03 0.00 N | 78.26 0.93 0.00 N | 62.16 -0.24 -2.37 N | 45.45 -0.32 -0.64 N | 41.60 -0.25 0.00 N | |
| NEG CENTRAL___SENECA 23627 | 40.83 -0.38 -3.14 N | 35.75 -0.22 0.00 N | 61.42 -0.77 -3.03 N | 39.43 -0.38 -10.87 N | 44.99 -0.68 0.00 N | 45.06 -0.66 0.00 N | 55.92 -0.37 -7.20 N | 38.93 -0.54 -7.77 N | 61.82 -0.89 -0.04 N | 79.54 -0.69 -5.04 N | 101.42 -1.00 -11.76 N | 57.12 -0.20 -8.57 N | 45.36 -0.35 -9.66 N | 41.25 -0.21 -9.42 N | 37.73 -0.10 -19.26 N | 43.77 -0.15 -8.32 N | 61.82 -0.67 -1.07 N | 88.19 -0.94 -0.16 N | 68.10 -0.26 0.00 N | 79.83 0.50 0.00 N | 77.66 0.34 0.00 N | 61.69 -0.29 -1.95 N | 45.23 -0.43 -0.53 N | 41.43 -0.42 0.00 N | |
| NEG CENTRAL___STATE_STREET | 40.92 | 36.16 | 61.70 | 38.51 | 45.48 | 45.63 | 55.54 | 38.44 | 62.58 | 76.42 | 94.72 | 55.55 | 44.61 | 40.54 | 35.74 | 43.14 | 62.48 | 89.44 | 68.99 | 80.47 | 78.21 | 61.98 | 45.54 | 41.68 | |

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| 24147 | 0.07 -2.78 N | 0.18 0.00 N | -0.14 -2.69 N | -0.06 -9.63 N | -0.19 0.00 N | -0.09 0.00 N | 0.06 -6.38 N | -0.14 -6.88 N | -0.09 0.00 N | 0.44 -0.79 N | 0.50 -3.57 N | 0.33 -6.47 N | 0.06 -8.52 N | 0.15 -8.35 N | 0.10 -17.07 N | 0.16 -7.38 N | 0.11 -0.95 N | 0.36 -0.10 N | 0.63 0.00 N | 1.14 0.00 N | 0.88 0.00 N | 0.22 -1.73 N | -0.06 -0.47 N | -0.16 0.00 N |
| NEG MILLWOOD___DRP 24198 | 64.62 3.80 -22.75 N | 39.58 3.60 0.00 N | 86.79 5.65 -21.98 N | 110.45 2.77 -78.75 N | 50.04 4.37 0.00 N | 50.08 4.36 0.00 N | 106.00 4.74 -52.17 N | 90.99 3.02 -56.27 N | 68.68 6.01 0.00 N | 89.01 7.58 -6.24 N | 128.64 8.96 -29.02 N | 106.77 5.08 -52.94 N | 109.38 3.72 -69.62 N | 103.58 3.30 -68.24 N | 159.98 1.87 -139.54 N | 99.68 3.77 -60.31 N | 75.82 6.65 -7.75 N | 97.86 8.97 0.09 N | 75.32 6.96 0.00 N | 87.86 8.53 0.00 N | 85.54 8.21 0.00 N | 80.64 6.47 -14.14 N | 53.55 4.60 -3.82 N | 45.85 4.00 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 36.51 -1.56 0.00 N | 34.51 -1.47 0.00 N | 57.44 -1.71 0.00 N | 28.38 -0.56 0.00 N | 44.80 -0.87 0.00 N | 45.07 -0.65 0.00 N | 48.40 -0.69 0.00 N | 31.49 -0.21 0.00 N | 62.13 -0.54 0.00 N | 74.45 -0.74 0.00 N | 89.77 -0.89 0.00 N | 47.72 -1.03 0.00 N | 35.59 -0.45 0.00 N | 31.71 -0.33 0.00 N | 18.41 -0.16 0.00 N | 35.29 -0.31 0.00 N | 61.22 -0.20 0.00 N | 88.80 -0.18 0.00 N | 67.91 -0.45 0.00 N | 78.58 -0.75 0.00 N | 76.32 -1.01 0.00 N | 59.23 -0.80 0.00 N | 44.43 -0.70 0.00 N | 41.48 -0.36 0.00 N |
| NEG NORTH_KES_CHATAGAY 23792 | 36.80 -1.27 0.00 N | 34.76 -1.22 0.00 N | 57.80 -1.35 0.00 N | 28.49 -0.45 0.00 N | 44.99 -0.68 0.00 N | 45.24 -0.48 0.00 N | 48.50 -0.60 0.00 N | 31.58 -0.12 0.00 N | 62.37 -0.30 0.00 N | 74.67 -0.52 0.00 N | 89.98 -0.68 0.00 N | 47.91 -0.83 0.00 N | 35.74 -0.29 0.00 N | 31.84 -0.20 0.00 N | 18.47 -0.10 0.00 N | 35.40 -0.21 0.00 N | 61.37 -0.05 0.00 N | 89.12 0.14 0.00 N | 68.15 -0.21 0.00 N | 78.74 -0.58 0.00 N | 76.47 -0.86 0.00 N | 59.47 -0.56 0.00 N | 44.65 -0.47 0.00 N | 41.67 -0.18 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 36.96 -1.11 0.00 N | 34.92 -1.06 0.00 N | 58.09 -1.07 0.00 N | 28.69 -0.25 0.00 N | 45.28 -0.39 0.00 N | 45.56 -0.16 0.00 N | 48.94 -0.16 0.00 N | 31.85 0.15 0.00 N | 62.87 0.20 0.00 N | 75.36 0.16 0.00 N | 90.88 0.22 0.00 N | 48.35 -0.39 0.00 N | 36.05 0.01 0.00 N | 32.12 0.07 0.00 N | 18.63 0.06 0.00 N | 35.72 0.12 0.00 N | 61.94 0.52 0.00 N | 89.89 0.91 0.00 N | 68.80 0.44 0.00 N | 79.60 0.28 0.00 N | 77.29 -0.04 0.00 N | 60.00 -0.03 0.00 N | 44.97 -0.16 0.00 N | 41.98 0.14 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 36.96 -1.11 0.00 N | 34.92 -1.06 0.00 N | 58.09 -1.07 0.00 N | 28.69 -0.25 0.00 N | 45.28 -0.39 0.00 N | 45.56 -0.16 0.00 N | 48.94 -0.16 0.00 N | 31.85 0.15 0.00 N | 62.87 0.20 0.00 N | 75.36 0.16 0.00 N | 90.88 0.22 0.00 N | 48.35 -0.39 0.00 N | 36.05 0.01 0.00 N | 32.12 0.07 0.00 N | 18.63 0.06 0.00 N | 35.72 0.12 0.00 N | 61.94 0.52 0.00 N | 89.89 0.91 0.00 N | 68.80 0.44 0.00 N | 79.60 0.28 0.00 N | 77.29 -0.04 0.00 N | 60.00 -0.03 0.00 N | 44.97 -0.16 0.00 N | 41.98 0.14 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 36.96 -1.11 0.00 N | 34.92 -1.06 0.00 N | 58.09 -1.07 0.00 N | 28.69 -0.25 0.00 N | 45.28 -0.39 0.00 N | 45.56 -0.16 0.00 N | 48.94 -0.16 0.00 N | 31.85 0.15 0.00 N | 62.87 0.20 0.00 N | 75.36 0.16 0.00 N | 90.88 0.22 0.00 N | 48.35 -0.39 0.00 N | 36.05 0.01 0.00 N | 32.12 0.07 0.00 N | 18.63 0.06 0.00 N | 35.72 0.12 0.00 N | 61.94 0.52 0.00 N | 89.89 0.91 0.00 N | 68.80 0.44 0.00 N | 79.60 0.28 0.00 N | 77.29 -0.04 0.00 N | 60.00 -0.03 0.00 N | 44.97 -0.16 0.00 N | 41.98 0.14 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 38.31 -3.08 -3.32 N | 33.15 -2.83 0.00 N | 56.65 -5.71 -3.21 N | 37.63 -2.79 -11.49 N | 41.16 -4.51 0.00 N | 41.30 -4.42 0.00 N | 51.39 -5.32 -7.61 N | 35.55 -4.36 -8.21 N | 53.18 -9.26 0.23 N | 40.33 -11.19 23.68 N | 36.77 -13.58 40.31 N | 42.21 -7.11 -0.58 N | 40.55 -5.34 -9.84 N | 37.62 -4.38 -9.95 N | 36.48 -2.45 -20.35 N | 39.88 -4.52 -8.80 N | 53.64 -8.90 -1.13 N | 70.99 -13.04 4.95 N | 59.14 -9.22 0.00 N | 70.05 -9.28 0.00 N | 68.87 -8.46 0.00 N | 54.50 -7.60 -2.07 N | 40.28 -5.41 -0.56 N | 37.56 -4.29 0.00 N |
| NEG WEST___LANCASTR 23811 | 39.42 -2.50 -3.85 N | 33.89 -2.09 0.00 N | 58.88 -3.99 -3.72 N | 40.27 -1.99 -13.32 N | 42.44 -3.23 0.00 N | 42.39 -3.33 0.00 N | 54.73 -3.18 -8.82 N | 38.41 -2.81 -9.52 N | 56.72 -5.71 0.24 N | 44.39 -6.53 24.28 N | 41.44 -8.01 41.21 N | 46.82 -3.57 -1.64 N | 44.50 -3.00 -11.45 N | 41.13 -2.45 -11.54 N | 40.80 -1.37 -23.60 N | 43.33 -2.47 -10.20 N | 57.48 -5.25 -1.31 N | 76.67 -7.96 4.35 N | 62.98 -5.38 0.00 N | 74.75 -4.58 0.00 N | 73.03 -4.30 0.00 N | 58.27 -4.15 -2.39 N | 42.60 -3.18 -0.65 N | 39.06 -2.78 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 45.68 0.40 -7.21 N | 36.51 0.53 0.00 N | 66.85 0.73 -6.96 N | 54.23 0.34 -24.95 N | 46.14 0.47 0.00 N | 46.11 0.39 0.00 N | 66.40 0.78 -16.53 N | 49.75 0.22 -17.83 N | 63.31 0.58 -0.05 N | 83.36 1.00 -7.17 N | 110.82 1.13 -19.03 N | 68.22 1.07 -18.40 N | 58.76 0.60 -22.13 N | 54.23 0.57 -21.62 N | 63.11 0.33 -44.21 N | 55.41 0.70 -19.11 N | 64.75 0.88 -2.46 N | 89.44 1.00 0.54 N | 69.40 1.05 0.00 N | 81.23 1.91 0.00 N | 79.07 1.75 0.00 N | 65.63 1.12 -4.49 N | 47.01 0.67 -1.21 N | 42.45 0.60 0.00 N |
| NEG___GEN_MONROE 24207 | 39.65 -1.23 -2.81 N | 34.83 -1.15 0.00 N | 59.24 -2.62 -2.71 N | 37.36 -1.29 -9.71 N | 43.56 -2.11 0.00 N | 43.78 -1.94 0.00 N | 53.35 -2.18 -6.44 N | 36.75 -1.89 -6.94 N | 58.63 -3.95 0.09 N | 62.28 -4.64 8.28 N | 71.44 -5.72 13.50 N | 49.59 -2.88 -3.73 N | 42.28 -2.23 -8.47 N | 38.70 -1.76 -8.42 N | 34.81 -0.97 -17.21 N | 41.27 -1.77 -7.44 N | 58.64 -3.74 -0.96 N | 84.26 -5.34 -0.63 N | 64.94 -3.42 0.00 N | 76.35 -2.98 0.00 N | 74.60 -2.73 0.00 N | 58.81 -2.97 -1.75 N | 43.35 -2.25 -0.47 N | 39.98 -1.87 0.00 N |
| NEPA___ENERGY 23901 | 39.72 -2.50 -4.15 N | 34.02 -1.95 0.00 N | 59.78 -3.38 -4.01 N | 41.65 -1.65 -14.36 N | 42.96 -2.72 0.00 N | 42.68 -3.04 0.00 N | 56.24 -2.37 -9.51 N | 39.63 -2.33 -10.26 N | 58.00 -4.47 0.20 N | 50.73 -4.78 19.68 N | 52.24 -5.90 32.52 N | 50.36 -2.07 -3.67 N | 46.37 -2.10 -12.43 N | 42.72 -1.77 -12.44 N | 43.02 -1.00 -25.45 N | 44.83 -1.77 -11.00 N | 58.76 -4.07 -1.41 N | 78.50 -6.58 3.90 N | 63.86 -4.49 0.00 N | 75.91 -3.41 0.00 N | 73.96 -3.37 0.00 N | 59.41 -3.20 -2.58 N | 43.23 -2.60 -0.70 N | 39.47 -2.37 0.00 N |
| NEVERSink___HYD 23608 | 60.76 3.50 -19.19 N | 39.36 3.38 0.00 N | 83.09 5.40 -18.54 N | 98.01 2.64 -66.43 N | 49.84 4.17 0.00 N | 49.90 4.18 0.00 N | 97.74 4.64 -44.01 N | 82.10 2.93 -47.47 N | 68.61 5.94 0.00 N | 87.92 7.47 -5.26 N | 123.97 8.83 -24.48 N | 98.40 5.00 -44.66 N | 98.35 3.58 -58.73 N | 92.77 3.17 -57.56 N | 138.09 1.80 -117.72 N | 90.06 3.58 -50.88 N | 74.24 6.29 -6.54 N | 97.66 8.78 0.10 N | 75.17 6.81 0.00 N | 87.55 8.22 0.00 N | 85.20 7.87 0.00 N | 77.99 6.05 -11.91 N | 52.69 4.34 -3.22 N | 45.67 3.82 0.00 N |
| NEWTON___FALLS_HYD 23847 | 37.25 -0.82 0.00 N | 35.12 -0.86 0.00 N | 57.83 -1.32 0.00 N | 28.40 -0.54 0.00 N | 44.78 -0.89 0.00 N | 44.88 -0.84 0.00 N | 47.80 -1.29 0.00 N | 31.16 -0.54 0.00 N | 61.77 -0.90 0.00 N | 74.36 -0.83 0.00 N | 89.78 -0.88 0.00 N | 48.28 -0.47 0.00 N | 35.86 -0.18 0.00 N | 32.03 -0.01 0.00 N | 18.56 -0.01 0.00 N | 35.41 -0.19 0.00 N | 61.30 -0.12 0.00 N | 88.78 -0.20 0.00 N | 68.11 -0.25 0.00 N | 78.70 -0.62 0.00 N | 75.94 -1.39 0.00 N | 59.85 -0.18 0.00 N | 44.87 -0.26 0.00 N | 41.79 -0.06 0.00 N |

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| NIAGARA____ 23760 | 38.02 -3.38 -3.34 N | 32.89 -3.09 0.00 N | 56.39 -5.99 -3.22 N | 37.54 -2.95 -11.55 N | 40.92 -4.75 0.00 N | 41.08 -4.64 0.00 N | 51.43 -5.31 -7.65 N | 35.74 -4.22 -8.25 N | 53.46 -8.98 0.24 N | 40.29 -10.95 23.96 N | 36.43 -13.37 40.86 N | 42.25 -6.96 -0.47 N | 40.71 -5.23 -9.90 N | 37.76 -4.29 -10.01 N | 36.63 -2.41 -20.47 N | 40.02 -4.43 -8.85 N | 53.80 -8.76 -1.14 N | 71.27 -12.84 4.87 N | 59.21 -9.15 0.00 N | 70.12 -9.21 0.00 N | 68.87 -8.46 0.00 N | 54.61 -7.50 -2.08 N | 40.35 -5.34 -0.56 N | 37.37 -4.48 0.00 N |
| NINE_MILE_1 23575 | 38.13 -1.30 -1.36 N | 34.79 -1.19 0.00 N | 58.30 -2.17 -1.32 N | 32.62 -1.03 -4.72 N | 43.97 -1.70 0.00 N | 43.96 -1.76 0.00 N | 50.36 -1.86 -3.13 N | 33.77 -1.30 -3.37 N | 60.08 -2.60 0.00 N | 72.55 -3.04 -0.39 N | 88.68 -3.73 -1.75 N | 49.99 -1.93 -3.17 N | 38.75 -1.46 -4.17 N | 34.87 -1.26 -4.09 N | 26.21 -0.72 -8.36 N | 37.80 -1.41 -3.61 N | 59.30 -2.59 -0.46 N | 85.23 -3.81 -0.06 N | 65.55 -2.81 0.00 N | 76.25 -3.08 0.00 N | 74.33 -2.99 0.00 N | 58.43 -2.44 -0.85 N | 43.52 -1.84 -0.23 N | 40.18 -1.66 0.00 N |
| NINE_MILE_2 23744 | 38.13 -1.30 -1.35 N | 34.79 -1.19 0.00 N | 58.29 -2.17 -1.31 N | 32.59 -1.03 -4.69 N | 43.98 -1.69 0.00 N | 43.97 -1.75 0.00 N | 50.34 -1.86 -3.10 N | 33.75 -1.30 -3.35 N | 60.08 -2.59 0.00 N | 72.55 -3.04 -0.39 N | 88.67 -3.73 -1.74 N | 49.97 -1.93 -3.15 N | 38.72 -1.46 -4.14 N | 34.85 -1.25 -4.06 N | 26.16 -0.72 -8.30 N | 37.78 -1.41 -3.59 N | 59.30 -2.58 -0.46 N | 85.23 -3.81 -0.06 N | 65.55 -2.81 0.00 N | 76.26 -3.06 0.00 N | 74.35 -2.98 0.00 N | 58.44 -2.43 -0.84 N | 43.52 -1.84 -0.23 N | 40.18 -1.66 0.00 N |
| NM_CAPITAL____DRP 24208 | 69.04 2.68 -28.29 N | 38.49 2.51 0.00 N | 90.68 4.19 -27.34 N | 128.95 2.08 -97.93 N | 48.83 3.16 0.00 N | 48.79 3.07 0.00 N | 117.15 3.19 -64.87 N | 103.73 2.05 -69.98 N | 66.69 4.02 0.00 N | 87.95 4.99 -7.76 N | 132.74 5.99 -36.10 N | 117.90 3.31 -65.84 N | 125.05 2.43 -86.59 N | 119.09 2.18 -84.86 N | 193.37 1.26 -173.53 N | 112.92 2.31 -75.00 N | 74.85 3.79 -9.64 N | 93.89 4.98 0.07 N | 72.34 3.98 0.00 N | 84.12 4.80 0.00 N | 82.04 4.71 0.00 N | 81.49 3.82 -17.64 N | 53.00 3.11 -4.77 N | 44.62 2.77 0.00 N |
| NM_CENTRAL____DRP 24181 | 39.46 -0.42 -1.81 N | 35.61 -0.37 0.00 N | 60.02 -0.89 -1.75 N | 34.78 -0.42 -6.26 N | 44.94 -0.73 0.00 N | 44.97 -0.75 0.00 N | 52.54 -0.70 -4.14 N | 35.60 -0.57 -4.47 N | 61.61 -1.06 0.00 N | 74.58 -1.12 -0.50 N | 91.55 -1.42 -2.31 N | 52.35 -0.61 -4.21 N | 41.05 -0.52 -5.53 N | 37.04 -0.42 -5.42 N | 29.41 -0.24 -11.09 N | 39.91 -0.48 -4.79 N | 61.05 -0.98 -0.62 N | 87.53 -1.45 0.00 N | 67.46 -0.90 0.00 N | 78.54 -0.79 0.00 N | 76.49 -0.84 0.00 N | 60.28 -0.87 -1.12 N | 44.69 -0.74 -0.30 N | 41.15 -0.69 0.00 N |
| NM_FRONTIER____DRP 24179 | 37.90 -3.55 -3.38 N | 32.69 -3.29 0.00 N | 55.92 -6.50 -3.27 N | 37.49 -3.17 -11.72 N | 40.59 -5.08 0.00 N | 40.73 -4.99 0.00 N | 50.97 -5.89 -7.76 N | 35.48 -4.59 -8.37 N | 52.51 -9.92 0.24 N | 38.77 -12.11 24.31 N | 34.49 -14.69 41.48 N | 41.48 -7.78 -0.51 N | 40.28 -5.80 -10.04 N | 37.43 -4.76 -10.15 N | 36.66 -2.67 -20.76 N | 39.63 -4.94 -8.97 N | 52.88 -9.69 -1.15 N | 69.94 -14.19 4.85 N | 58.25 -10.11 0.00 N | 69.05 -10.27 0.00 N | 67.90 -9.42 0.00 N | 53.80 -8.34 -2.11 N | 39.78 -5.92 -0.57 N | 36.99 -4.85 0.00 N |
| NM_ST_REGIS____HYD 24053 | 36.88 -1.19 0.00 N | 34.76 -1.22 0.00 N | 57.58 -1.58 0.00 N | 28.31 -0.63 0.00 N | 44.66 -1.01 0.00 N | 44.82 -0.90 0.00 N | 47.52 -1.58 0.00 N | 31.24 -0.46 0.00 N | 61.81 -0.86 0.00 N | 74.40 -0.80 0.00 N | 89.54 -1.12 0.00 N | 47.90 -0.84 0.00 N | 35.67 -0.37 0.00 N | 31.90 -0.14 0.00 N | 18.50 -0.07 0.00 N | 35.30 -0.30 0.00 N | 61.05 -0.36 0.00 N | 88.73 -0.25 0.00 N | 67.90 -0.46 0.00 N | 78.25 -1.08 0.00 N | 75.26 -2.07 0.00 N | 59.40 -0.63 0.00 N | 44.58 -0.55 0.00 N | 41.68 -0.16 0.00 N |
| NORTHPORT____1 23551 | 63.88 3.61 -22.20 N | 40.13 4.15 0.00 N | 86.50 5.89 -21.45 N | 108.72 2.96 -76.82 N | 50.77 5.09 0.00 N | 50.50 4.78 0.00 N | 104.67 4.68 -50.89 N | 89.55 2.96 -54.90 N | 68.17 5.50 0.00 N | 87.58 6.30 -6.08 N | 126.13 7.16 -28.31 N | 104.64 4.24 -51.65 N | 107.64 3.67 -67.93 N | 101.88 3.26 -66.57 N | 156.52 1.81 -136.14 N | 98.29 3.85 -58.84 N | 75.73 6.75 -7.56 N | 116.69 8.82 -18.89 N | 75.01 6.65 0.00 N | 93.86 8.49 -6.04 N | 90.96 8.34 -5.29 N | 94.08 6.58 -27.47 N | 53.59 4.73 -3.73 N | 45.91 4.06 0.00 N |
| NORTHPORT____2 23552 | 63.88 3.61 -22.20 N | 40.13 4.15 0.00 N | 86.50 5.89 -21.45 N | 108.72 2.96 -76.82 N | 50.77 5.09 0.00 N | 50.50 4.78 0.00 N | 104.67 4.68 -50.89 N | 89.55 2.96 -54.90 N | 68.17 5.50 0.00 N | 87.58 6.30 -6.08 N | 126.13 7.16 -28.31 N | 104.64 4.24 -51.65 N | 107.64 3.67 -67.93 N | 101.88 3.26 -66.57 N | 156.52 1.81 -136.14 N | 98.29 3.85 -58.84 N | 75.73 6.75 -7.56 N | 116.69 8.82 -18.89 N | 75.01 6.65 0.00 N | 93.86 8.49 -6.04 N | 90.96 8.34 -5.29 N | 94.08 6.58 -27.47 N | 53.59 4.73 -3.73 N | 45.91 4.06 0.00 N |
| NORTHPORT____3 23553 | 63.32 3.06 -22.20 N | 39.52 3.54 0.00 N | 85.55 4.95 -21.45 N | 108.23 2.47 -76.82 N | 49.96 4.29 0.00 N | 49.78 4.06 0.00 N | 103.96 3.97 -50.89 N | 89.08 2.48 -54.90 N | 67.27 4.60 0.00 N | 86.61 5.33 -6.08 N | 125.09 6.11 -28.31 N | 104.04 3.65 -51.65 N | 107.19 3.22 -67.93 N | 101.47 2.86 -66.57 N | 156.28 1.57 -136.14 N | 97.79 3.36 -58.84 N | 74.83 5.85 -7.56 N | 115.34 7.47 -18.89 N | 73.94 5.58 0.00 N | 92.45 7.09 -6.04 N | 89.59 6.97 -5.29 N | 93.18 5.68 -27.47 N | 52.98 4.12 -3.73 N | 45.29 3.45 0.00 N |
| NORTHPORT____4 23650 | 63.32 3.06 -22.20 N | 39.52 3.54 0.00 N | 85.55 4.95 -21.45 N | 108.23 2.47 -76.82 N | 49.96 4.29 0.00 N | 49.78 4.06 0.00 N | 103.96 3.97 -50.89 N | 89.08 2.48 -54.90 N | 67.27 4.60 0.00 N | 86.61 5.33 -6.08 N | 125.09 6.11 -28.31 N | 104.04 3.65 -51.65 N | 107.19 3.22 -67.93 N | 101.47 2.86 -66.57 N | 156.28 1.57 -136.14 N | 97.79 3.36 -58.84 N | 74.83 5.85 -7.56 N | 115.34 7.47 -18.89 N | 73.94 5.58 0.00 N | 92.45 7.09 -6.04 N | 89.59 6.97 -5.29 N | 93.18 5.68 -27.47 N | 52.98 4.12 -3.73 N | 45.29 3.45 0.00 N |
| NORTHPORT____IC 23718 | 63.88 3.61 -22.20 N | 40.13 4.15 0.00 N | 86.50 5.89 -21.45 N | 108.72 2.96 -76.82 N | 50.77 5.09 0.00 N | 50.50 4.78 0.00 N | 104.67 4.68 -50.89 N | 89.55 2.96 -54.90 N | 68.17 5.50 0.00 N | 87.58 6.30 -6.08 N | 126.13 7.16 -28.31 N | 104.64 4.24 -51.65 N | 107.64 3.67 -67.93 N | 101.88 3.26 -66.57 N | 156.52 1.81 -136.14 N | 98.29 3.85 -58.84 N | 75.73 6.75 -7.56 N | 116.69 8.82 -18.89 N | 75.01 6.65 0.00 N | 93.86 8.49 -6.04 N | 90.96 8.34 -5.29 N | 94.08 6.58 -27.47 N | 53.59 4.73 -3.73 N | 45.91 4.06 0.00 N |
| NPX_GEN_1385_PROXY 323591 | 77.53 3.93 -23.46 N | 39.95 3.97 0.00 N | 55.74 5.22 -8.54 N | 108.70 2.94 -76.82 N | 50.61 4.94 0.00 N | 49.61 3.89 0.00 N | 103.48 3.49 -50.89 N | 89.76 2.33 -51.32 N | 67.71 5.03 0.00 N | 75.00 2.60 -14.73 N | 123.61 4.64 -28.31 N | 103.28 2.88 -51.65 N | 107.17 3.21 -67.93 N | 101.43 2.81 -66.57 N | 156.26 1.56 -136.14 N | 97.96 3.52 -58.84 N | 75.13 6.15 -7.56 N | 118.53 10.95 -0.98 N | 74.39 6.03 0.00 N | 93.79 8.42 -6.04 N | 90.90 8.28 -5.29 N | 94.00 7.03 -20.00 N | 100.00 3.86 -50.47 N | 45.26 3.41 0.00 N |
| NPX_GEN_CSC 323557 | 76.43 2.84 -23.46 N | 40.11 4.13 0.00 N | 55.62 5.11 -8.54 N | 108.69 2.92 -76.82 N | 50.91 5.24 0.00 N | 50.92 5.21 0.00 N | 104.84 4.85 -50.89 N | 90.14 2.71 -51.32 N | 67.12 4.45 0.00 N | 86.46 5.18 -6.08 N | 124.69 5.72 -28.31 N | 103.81 3.41 -51.65 N | 106.95 2.99 -67.93 N | 101.27 2.65 -66.57 N | 156.18 1.47 -136.14 N | 97.65 3.21 -58.84 N | 74.79 5.81 -7.56 N | 116.91 9.33 -0.98 N | 74.17 5.81 0.00 N | 92.77 7.40 -6.04 N | 89.99 7.37 -5.29 N | 93.50 6.54 -20.00 N | 100.12 3.97 -50.47 N | 45.49 3.64 0.00 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 | 70.37 3.21 -29.08 N | 38.85 2.87 0.00 N | 91.61 4.35 -28.11 N | 132.08 2.46 -100.67 N | 49.46 3.79 0.00 N | 49.39 3.67 0.00 N | 119.89 4.11 -66.69 N | 106.42 2.78 -71.94 N | 68.47 5.79 0.00 N | 90.75 7.57 -7.98 N | 137.11 9.34 -37.11 N | 121.33 4.90 -67.68 N | 128.74 3.69 -89.01 N | 122.61 3.33 -87.24 N | 198.88 1.91 -178.40 N | 116.22 3.51 -77.10 N | 77.24 5.92 -9.91 N | 96.98 8.07 0.07 N | 74.59 6.23 0.00 N | 86.83 7.50 0.00 N | 84.80 7.47 0.00 N | 84.05 5.90 -18.12 N | 54.16 4.13 -4.90 N | 45.65 3.80 0.00 N | |
| NUCOR_STEEL____DRP 24197 | 40.45 -0.39 -2.77 N | 35.75 -0.23 0.00 N | 61.00 -0.83 -2.68 N | 38.14 -0.40 -9.60 N | 44.94 -0.73 0.00 N | 45.09 -0.63 0.00 N | 54.91 -0.55 -6.36 N | 38.00 -0.56 -6.86 N | 61.72 -0.95 0.00 N | 75.34 -0.64 -0.78 N | 93.39 -0.82 -3.55 N | 54.78 -0.42 -6.45 N | 44.03 -0.49 -8.48 N | 40.04 -0.32 -8.31 N | 35.42 -0.15 -17.00 N | 42.62 -0.33 -7.35 N | 61.64 -0.72 -0.95 N | 88.16 -0.91 -0.09 N | 67.98 -0.38 0.00 N | 79.30 -0.03 0.00 N | 77.07 -0.26 0.00 N | 61.13 -0.63 -1.73 N | 44.94 -0.66 -0.47 N | 41.15 -0.70 0.00 N | |
| NYISO_LBMP_REFERENCE 24008 | 38.07 0.00 0.00 N | 35.98 0.00 0.00 N | 59.16 0.00 0.00 N | 28.94 0.00 0.00 N | 45.67 0.00 0.00 N | 45.72 0.00 0.00 N | 49.09 0.00 0.00 N | 31.70 0.00 0.00 N | 62.67 0.00 0.00 N | 75.20 0.00 0.00 N | 90.66 0.00 0.00 N | 48.75 0.00 0.00 N | 36.04 0.00 0.00 N | 32.04 0.00 0.00 N | 18.57 0.00 0.00 N | 35.60 0.00 0.00 N | 61.42 0.00 0.00 N | 88.98 0.00 0.00 N | 68.36 0.00 0.00 N | 79.33 0.00 0.00 N | 77.32 0.00 0.00 N | 60.03 0.00 0.00 N | 45.13 0.00 0.00 N | 41.85 0.00 0.00 N | |
| NYPA_BRENTWD____GT 24164 | 64.12 3.86 -22.20 N | 40.41 4.43 0.00 N | 86.87 6.27 -21.45 N | 108.90 3.14 -76.82 N | 51.08 5.41 0.00 N | 50.90 5.18 0.00 N | 105.09 5.11 -50.89 N | 89.75 3.15 -54.90 N | 68.65 5.97 0.00 N | 88.31 7.04 -6.08 N | 126.73 7.76 -28.31 N | 104.92 4.53 -51.65 N | 107.81 3.85 -67.93 N | 102.03 3.41 -66.57 N | 156.61 1.90 -136.14 N | 98.46 4.02 -58.84 N | 76.06 7.08 -7.56 N | 116.76 8.89 -18.89 N | 75.26 6.90 0.00 N | 94.50 9.13 -6.04 N | 91.60 8.97 -5.29 N | 94.55 7.05 -27.47 N | 54.04 5.18 -3.73 N | 46.30 4.45 0.00 N | |
| NYPA_GOWANUS____GT5 24156 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.80 4.81 -50.89 N | 89.62 3.03 -54.89 N | 68.68 6.00 -0.01 N | 101.90 7.63 -19.08 N | 215.71 8.84 -116.22 N | 241.55 5.14 -187.67 N | 265.59 3.82 -225.73 N | 268.44 3.43 -232.98 N | 408.86 1.89 -388.40 N | 210.75 3.92 -171.23 N | 241.69 6.94 -173.33 N | 174.67 9.10 -76.59 N | 265.59 7.00 -190.23 N | 271.06 8.58 -183.16 N | 251.06 8.26 -165.47 N | 160.54 6.54 -93.98 N | 55.05 4.71 -5.21 N | 45.98 4.14 0.00 N | |
| NYPA_GOWANUS____GT6 24157 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.80 4.81 -50.89 N | 89.62 3.03 -54.89 N | 68.68 6.00 -0.01 N | 101.90 7.63 -19.08 N | 215.71 8.84 -116.22 N | 241.55 5.14 -187.67 N | 265.59 3.82 -225.73 N | 268.44 3.43 -232.98 N | 408.86 1.89 -388.40 N | 210.75 3.92 -171.23 N | 241.69 6.94 -173.33 N | 174.67 9.10 -76.59 N | 265.59 7.00 -190.23 N | 271.06 8.58 -183.16 N | 251.06 8.26 -165.47 N | 160.54 6.54 -93.98 N | 55.05 4.71 -5.21 N | 45.98 4.14 0.00 N | |
| NYPA_HARLEM_RVR_GT1 24160 | 64.10 3.51 -22.52 N | 45.03 3.47 -5.58 N | 85.97 5.37 -21.44 N | 108.37 2.61 -76.82 N | 49.85 4.17 0.00 N | 49.83 4.11 -0.01 N | 104.31 4.32 -50.89 N | 89.31 2.71 -54.89 N | 68.16 5.48 -0.01 N | 88.23 6.95 -6.08 N | 126.83 7.86 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.80 3.51 -59.69 N | 75.34 6.35 -7.57 N | 97.21 8.32 0.09 N | 74.71 6.34 -0.01 N | 87.18 7.85 0.00 N | 84.89 7.56 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.49 3.64 0.00 N | |
| NYPA_HARLEM_RVR_GT2 24161 | 64.10 3.51 -22.52 N | 45.03 3.47 -5.58 N | 85.97 5.37 -21.44 N | 108.37 2.61 -76.82 N | 49.85 4.17 0.00 N | 49.83 4.11 -0.01 N | 104.31 4.32 -50.89 N | 89.31 2.71 -54.89 N | 68.16 5.48 -0.01 N | 88.23 6.95 -6.08 N | 126.83 7.86 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.80 3.51 -59.69 N | 75.34 6.35 -7.57 N | 97.21 8.32 0.09 N | 74.71 6.34 -0.01 N | 87.18 7.85 0.00 N | 84.89 7.56 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.49 3.64 0.00 N | |
| NYPA_KENT____GT 24152 | 88.89 3.78 -47.05 N | 46.10 3.66 -6.46 N | 90.00 5.72 -25.13 N | 127.39 2.78 -95.67 N | 50.15 4.47 0.00 N | 50.17 4.44 -0.01 N | 104.72 4.73 -50.89 N | 89.57 2.97 -54.89 N | 68.56 5.88 -0.01 N | 97.38 7.47 -14.72 N | 186.03 8.64 -86.73 N | 195.79 5.01 -142.03 N | 212.57 3.74 -172.79 N | 213.38 3.35 -177.99 N | 324.18 1.84 -303.77 N | 173.37 3.83 -133.95 N | 185.94 6.79 -117.72 N | 156.90 8.90 -59.02 N | 220.72 6.86 -145.51 N | 246.77 8.42 -159.02 N | 243.08 8.08 -157.68 N | 160.40 6.40 -93.97 N | 54.93 4.59 -5.21 N | 45.85 4.00 0.00 N | |
| NYPA_POUCH1____GT 24155 | 103.23 3.61 -61.54 N | 45.07 3.51 -5.58 N | 91.68 5.53 -27.00 N | 136.88 2.75 -105.18 N | 50.15 4.47 0.00 N | 50.21 4.48 -0.01 N | 104.76 4.77 -50.89 N | 89.58 2.98 -54.89 N | 68.59 5.92 -0.01 N | 101.81 7.53 -19.08 N | 215.61 8.73 -116.22 N | 241.50 5.09 -187.67 N | 265.56 3.79 -225.73 N | 268.42 3.40 -232.98 N | 408.84 1.87 -388.40 N | 210.72 3.88 -171.23 N | 241.62 6.87 -173.33 N | 150.31 9.04 -52.30 N | 208.66 7.00 -133.30 N | 159.86 8.59 -71.94 N | 108.80 8.24 -23.23 N | 80.34 6.51 -13.81 N | 53.55 4.69 -3.73 N | 45.94 4.09 0.00 N | |
| NYPA_VERNON____GT2 24162 | 74.36 3.74 -32.55 N | 46.94 3.63 -7.33 N | 88.08 5.65 -23.27 N | 117.84 2.74 -86.15 N | 50.06 4.39 0.00 N | 50.08 4.35 -0.01 N | 104.65 4.66 -50.89 N | 89.50 2.91 -54.89 N | 68.43 5.75 -0.01 N | 92.84 7.28 -10.36 N | 156.30 8.41 -57.24 N | 150.03 4.88 -96.40 N | 159.54 3.65 -119.85 N | 158.32 3.26 -123.01 N | 239.51 1.80 -219.14 N | 136.00 3.74 -96.66 N | 130.18 6.65 -62.11 N | 139.11 8.68 -41.45 N | 175.84 6.69 -100.79 N | 222.42 8.20 -134.89 N | 235.09 7.88 -149.88 N | 160.24 6.24 -93.97 N | 54.79 4.46 -5.21 N | 45.72 3.87 0.00 N | |
| NYPA_VERNON____GT3 24163 | 74.36 3.74 -32.55 N | 46.94 3.63 -7.33 N | 88.08 5.65 -23.27 N | 117.84 2.74 -86.15 N | 50.06 4.39 0.00 N | 50.08 4.35 -0.01 N | 104.65 4.66 -50.89 N | 89.50 2.91 -54.89 N | 68.43 5.75 -0.01 N | 92.84 7.28 -10.36 N | 156.30 8.41 -57.24 N | 150.03 4.88 -96.40 N | 159.54 3.65 -119.85 N | 158.32 3.26 -123.01 N | 239.51 1.80 -219.14 N | 136.00 3.74 -96.66 N | 130.18 6.65 -62.11 N | 139.11 8.68 -41.45 N | 175.84 6.69 -100.79 N | 222.42 8.20 -134.89 N | 235.09 7.88 -149.88 N | 160.24 6.24 -93.97 N | 54.79 4.46 -5.21 N | 45.72 3.87 0.00 N | |
| NYPA__ASTORIA_CC1 323568 | 64.32 3.73 -22.52 N | 45.17 3.61 -5.58 N | 86.20 5.61 -21.44 N | 108.48 2.72 -76.82 N | 50.04 4.37 0.00 N | 50.05 4.33 -0.01 N | 104.60 4.61 -50.89 N | 89.49 2.89 -54.89 N | 68.39 5.71 -0.01 N | 88.51 7.23 -6.08 N | 127.27 8.30 -28.31 N | 105.23 4.83 -51.65 N | 107.57 3.61 -67.92 N | 103.56 3.23 -68.29 N | 156.48 1.78 -136.13 N | 98.99 3.70 -59.69 N | 75.57 6.59 -7.57 N | 97.47 8.58 0.09 N | 74.99 6.63 -0.01 N | 87.43 8.10 0.00 N | 85.12 7.80 0.00 N | 80.04 6.21 -13.80 N | 53.30 4.44 -3.73 N | 45.68 3.84 0.00 N | |
| NYPA__ASTORIA_CC2 | 64.32 | 45.17 | 86.20 | 108.48 | 50.04 | 50.05 | 104.60 | 89.49 | 68.39 | 88.51 | 127.27 | 105.23 | 107.57 | 103.56 | 156.48 | 98.99 | 75.57 | 97.47 | 74.99 | 87.43 | 85.12 | 80.04 | 53.30 | 45.68 | |

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| 323569 | 3.73 -22.52 N | 3.61 -5.58 N | 5.61 -21.44 N | 2.72 -76.82 N | 4.37 0.00 N | 4.33 -0.01 N | 4.61 -50.89 N | 2.89 -54.89 N | 5.71 -0.01 N | 7.23 -6.08 N | 8.30 -28.31 N | 4.83 -51.65 N | 3.61 -67.92 N | 3.23 -68.29 N | 1.78 -136.13 N | 3.70 -59.69 N | 6.59 -7.57 N | 8.58 0.09 N | 6.63 -0.01 N | 8.10 0.00 N | 7.80 0.00 N | 6.21 -13.80 N | 4.44 -3.73 N | 3.84 0.00 N |
| NYPA___HOLTSVILL 23794 | 63.56 3.30 -22.20 N | 40.04 4.06 0.00 N | 86.25 5.64 -21.45 N | 108.62 2.85 -76.82 N | 50.70 5.03 0.00 N | 50.58 4.86 0.00 N | 104.66 4.68 -50.89 N | 89.47 2.87 -54.90 N | 67.74 5.07 0.00 N | 87.18 5.90 -6.08 N | 125.61 6.64 -28.31 N | 104.33 3.94 -51.65 N | 107.35 3.39 -67.93 N | 101.62 3.01 -66.57 N | 156.38 1.67 -136.14 N | 98.03 3.59 -58.84 N | 75.36 6.38 -7.56 N | 116.22 8.35 -18.89 N | 74.74 6.38 0.00 N | 93.47 8.10 -6.04 N | 90.63 8.01 -5.29 N | 93.77 6.27 -27.47 N | 53.37 4.51 -3.73 N | 45.74 3.89 0.00 N |
| NYPA___HELLGATE_GT1 24158 | 64.10 3.51 -22.52 N | 45.03 3.47 -5.58 N | 85.97 5.37 -21.44 N | 108.37 2.61 -76.82 N | 49.85 4.17 0.00 N | 49.83 4.11 -0.01 N | 104.31 4.32 -50.89 N | 89.31 2.71 -54.89 N | 68.16 5.48 -0.01 N | 88.23 6.95 -6.08 N | 126.83 7.86 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.80 3.51 -59.69 N | 75.34 6.35 -7.57 N | 97.21 8.32 0.09 N | 74.71 6.34 -0.01 N | 87.18 7.85 0.00 N | 84.89 7.56 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.49 3.64 0.00 N |
| NYPA___HELLGATE_GT2 24159 | 64.10 3.51 -22.52 N | 45.03 3.47 -5.58 N | 85.97 5.37 -21.44 N | 108.37 2.61 -76.82 N | 49.85 4.17 0.00 N | 49.83 4.11 -0.01 N | 104.31 4.32 -50.89 N | 89.31 2.71 -54.89 N | 68.16 5.48 -0.01 N | 88.23 6.95 -6.08 N | 126.83 7.86 -28.31 N | 104.99 4.60 -51.65 N | 107.37 3.41 -67.92 N | 103.39 3.06 -68.29 N | 156.37 1.67 -136.13 N | 98.80 3.51 -59.69 N | 75.34 6.35 -7.57 N | 97.21 8.32 0.09 N | 74.71 6.34 -0.01 N | 87.18 7.85 0.00 N | 84.89 7.56 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.49 3.64 0.00 N |
| NYS_BARGE___HYD 23848 | 38.33 -3.03 -3.29 N | 33.20 -2.78 0.00 N | 56.65 -5.68 -3.18 N | 37.55 -2.77 -11.38 N | 41.20 -4.47 0.00 N | 41.33 -4.39 0.00 N | 51.35 -5.28 -7.54 N | 35.56 -4.28 -8.13 N | 53.32 -9.14 0.22 N | 41.81 -11.03 22.35 N | 39.42 -13.38 37.87 N | 42.65 -7.02 -0.91 N | 40.55 -5.26 -9.77 N | 37.60 -4.30 -9.86 N | 36.34 -2.40 -20.17 N | 39.88 -4.44 -8.72 N | 53.75 -8.79 -1.12 N | 71.18 -12.84 4.96 N | 59.29 -9.07 0.00 N | 70.26 -9.07 0.00 N | 69.06 -8.26 0.00 N | 54.61 -7.47 -2.05 N | 40.40 -5.28 -0.55 N | 37.62 -4.22 0.00 N |
| O.H_GEN_BRUCE 24063 | 40.17 -4.75 5.22 N | 33.22 -2.76 0.00 N | 41.42 -3.45 -2.90 N | 39.06 -2.59 -12.71 N | 41.48 -4.19 0.00 N | 41.57 -4.15 0.00 N | 53.04 -4.47 -8.42 N | 43.75 -4.51 -12.15 N | 54.86 -7.62 0.20 N | 46.37 -9.13 19.69 N | 46.67 -11.23 32.76 N | 45.67 -5.60 -2.52 N | 42.69 -4.32 -10.97 N | 39.50 -3.56 -11.01 N | 39.09 -2.00 -22.52 N | 80.58 -4.20 -45.57 N | 75.29 -5.31 -39.14 N | 59.79 -14.78 32.02 N | 60.62 -7.74 0.00 N | 71.79 -7.53 0.00 N | 70.33 -6.99 0.00 N | 64.43 -6.83 -4.30 N | 42.21 -4.30 -0.83 N | 37.97 -3.88 0.00 N |
| OAK ORCHARD___HYD 24046 | 39.16 -1.60 -2.70 N | 34.49 -1.48 0.00 N | 58.72 -3.04 -2.61 N | 36.78 -1.50 -9.34 N | 43.24 -2.44 0.00 N | 43.41 -2.31 0.00 N | 52.76 -2.53 -6.19 N | 36.35 -2.02 -6.68 N | 58.43 -4.18 0.06 N | 64.79 -4.96 5.45 N | 76.24 -6.14 8.28 N | 49.98 -3.12 -4.35 N | 41.84 -2.38 -8.18 N | 38.21 -1.93 -8.10 N | 34.06 -1.08 -16.56 N | 40.77 -1.99 -7.16 N | 58.35 -3.99 -0.92 N | 83.75 -5.77 -0.54 N | 64.46 -3.90 0.00 N | 75.63 -3.70 0.00 N | 73.87 -3.46 0.00 N | 58.33 -3.38 -1.68 N | 43.04 -2.54 -0.45 N | 39.65 -2.20 0.00 N |
| OCC_CHEM___DRP 24175 | 38.01 -3.45 -3.39 N | 32.81 -3.17 0.00 N | 56.10 -6.33 -3.28 N | 37.59 -3.09 -11.74 N | 40.70 -4.97 0.00 N | 40.85 -4.87 0.00 N | 51.11 -5.76 -7.77 N | 35.58 -4.51 -8.39 N | 52.71 -9.72 0.24 N | 39.01 -11.83 24.35 N | 34.76 -14.34 41.55 N | 41.68 -7.58 -0.52 N | 40.43 -5.66 -10.05 N | 37.57 -4.64 -10.17 N | 36.77 -2.60 -20.80 N | 39.78 -4.81 -8.99 N | 53.11 -9.46 -1.15 N | 70.29 -13.83 4.85 N | 58.50 -9.86 0.00 N | 69.33 -9.99 0.00 N | 68.22 -9.11 0.00 N | 54.03 -8.11 -2.11 N | 39.96 -5.74 -0.57 N | 37.12 -4.72 0.00 N |
| OLIN_CORP_DRP 24177 | 38.01 -3.45 -3.39 N | 32.81 -3.17 0.00 N | 56.10 -6.33 -3.28 N | 37.59 -3.09 -11.74 N | 40.70 -4.97 0.00 N | 40.85 -4.87 0.00 N | 51.11 -5.76 -7.77 N | 35.58 -4.51 -8.39 N | 52.71 -9.72 0.24 N | 39.01 -11.83 24.35 N | 34.76 -14.34 41.55 N | 41.68 -7.58 -0.52 N | 40.43 -5.66 -10.05 N | 37.57 -4.64 -10.17 N | 36.77 -2.60 -20.80 N | 39.78 -4.81 -8.99 N | 53.11 -9.46 -1.15 N | 70.29 -13.83 4.85 N | 58.50 -9.86 0.00 N | 69.33 -9.99 0.00 N | 68.22 -9.11 0.00 N | 54.03 -8.11 -2.11 N | 39.96 -5.74 -0.57 N | 37.12 -4.72 0.00 N |
| ONEIDA_HERK_LFGE 323681 | 38.69 0.62 0.00 N | 36.55 0.57 0.00 N | 60.00 0.84 0.00 N | 29.40 0.46 0.00 N | 46.36 0.68 0.00 N | 46.42 0.70 0.00 N | 49.90 0.81 0.00 N | 32.25 0.55 0.00 N | 63.94 1.27 0.00 N | 76.89 1.69 0.00 N | 92.83 2.17 0.00 N | 50.04 1.30 0.00 N | 36.96 0.92 0.00 N | 32.87 0.83 0.00 N | 19.04 0.47 0.00 N | 36.45 0.85 0.00 N | 62.97 1.55 0.00 N | 91.28 2.30 0.00 N | 70.16 1.81 0.00 N | 81.47 2.15 0.00 N | 79.17 1.84 0.00 N | 61.51 1.49 0.00 N | 46.13 1.01 0.00 N | 42.71 0.87 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 39.96 -0.25 -2.14 N | 35.78 -0.20 0.00 N | 60.62 -0.60 -2.07 N | 36.07 -0.27 -7.41 N | 45.17 -0.50 0.00 N | 45.19 -0.53 0.00 N | 53.55 -0.45 -4.91 N | 36.61 -0.39 -5.29 N | 61.99 -0.68 0.00 N | 75.15 -0.63 -0.59 N | 92.60 -0.79 -2.73 N | 53.43 -0.30 -4.98 N | 42.29 -0.30 -6.55 N | 38.24 -0.23 -6.42 N | 31.57 -0.13 -5.67 N | 41.00 -0.27 -0.73 N | 61.55 -0.60 0.00 N | 88.09 -0.89 0.00 N | 67.89 -0.47 0.00 N | 79.05 -0.27 0.00 N | 76.97 -0.36 0.00 N | 60.87 -0.49 -1.33 N | 45.01 -0.47 -0.36 N | 41.38 -0.46 0.00 N |
| ONONDAGA___COGEN 23986 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N |
| ONTARIO___LFGE 23819 | 40.83 -0.38 -3.14 N | 35.75 -0.22 0.00 N | 61.42 -0.77 -3.03 N | 39.43 -0.38 -10.87 N | 44.99 -0.68 0.00 N | 45.06 -0.66 0.00 N | 55.92 -0.37 -7.20 N | 38.93 -0.54 -7.77 N | 61.82 -0.89 -0.04 N | 79.54 -0.69 -5.04 N | 101.42 -1.00 -11.76 N | 57.12 -0.20 -8.57 N | 45.36 -0.35 -9.66 N | 41.25 -0.21 -9.42 N | 37.73 -0.10 -19.26 N | 43.77 -0.15 -8.32 N | 61.82 -0.67 -1.07 N | 88.19 -0.94 -0.16 N | 68.10 -0.26 0.00 N | 79.83 0.50 0.00 N | 77.66 0.34 0.00 N | 61.69 -0.29 -1.95 N | 45.23 -0.43 -0.53 N | 41.43 -0.42 0.00 N |
| OSWEGATCHIE___HYD 24044 | 37.25 -0.82 0.00 N | 35.12 -0.86 0.00 N | 57.83 -1.32 0.00 N | 28.40 -0.54 0.00 N | 44.78 -0.89 0.00 N | 44.88 -0.84 0.00 N | 47.80 -1.29 0.00 N | 31.16 -0.54 0.00 N | 61.77 -0.90 0.00 N | 74.36 -0.83 0.00 N | 89.78 -0.88 0.00 N | 48.28 -0.47 0.00 N | 35.86 -0.18 0.00 N | 32.03 -0.01 0.00 N | 18.56 -0.01 0.00 N | 35.41 -0.19 0.00 N | 61.30 -0.12 0.00 N | 88.78 -0.20 0.00 N | 68.11 -0.25 0.00 N | 78.70 -0.62 0.00 N | 75.94 -1.39 0.00 N | 59.85 -0.18 0.00 N | 44.87 -0.26 0.00 N | 41.79 -0.06 0.00 N |

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| OSWEGO____5 23606 | 38.61 -1.02 -1.56 N | 35.05 -0.93 0.00 N | 58.94 -1.73 -1.51 N | 33.53 -0.82 -5.41 N | 44.31 -1.37 0.00 N | 44.30 -1.41 0.00 N | 51.19 -1.49 -3.59 N | 34.50 -1.07 -3.87 N | 60.56 -2.11 0.00 N | 73.17 -2.45 -0.43 N | 89.65 -3.00 -2.00 N | 50.85 -1.53 -3.64 N | 39.65 -1.18 -4.78 N | 35.73 -1.00 -4.69 N | 27.59 -0.57 -9.59 N | 38.62 -1.12 -4.15 N | 59.87 -2.08 -0.53 N | 85.89 -3.08 0.00 N | 66.13 -2.23 0.00 N | 76.97 -2.36 0.00 N | 75.01 -2.32 0.00 N | 59.09 -1.92 -0.97 N | 43.93 -1.46 -0.26 N | 40.53 -1.31 0.00 N |
| OSWEGO____6 23613 | 38.61 -1.02 -1.56 N | 35.05 -0.93 0.00 N | 58.94 -1.73 -1.51 N | 33.53 -0.82 -5.41 N | 44.31 -1.37 0.00 N | 44.30 -1.41 0.00 N | 51.19 -1.49 -3.59 N | 34.50 -1.07 -3.87 N | 60.56 -2.11 0.00 N | 73.17 -2.45 -0.43 N | 89.65 -3.00 -2.00 N | 50.85 -1.53 -3.64 N | 39.65 -1.18 -4.78 N | 35.73 -1.00 -4.69 N | 27.59 -0.57 -9.59 N | 38.62 -1.12 -4.15 N | 59.87 -2.08 -0.53 N | 85.89 -3.08 0.00 N | 66.13 -2.23 0.00 N | 76.97 -2.36 0.00 N | 75.01 -2.32 0.00 N | 59.09 -1.92 -0.97 N | 43.93 -1.46 -0.26 N | 40.53 -1.31 0.00 N |
| OUTOKUMPU-AB____DRP 24206 | 38.74 -2.76 -3.43 N | 33.47 -2.51 0.00 N | 57.30 -5.17 -3.31 N | 38.28 -2.53 -11.87 N | 41.57 -4.10 0.00 N | 41.68 -4.04 0.00 N | 52.18 -4.78 -7.86 N | 36.17 -4.01 -8.48 N | 53.77 -8.65 0.25 N | 39.89 -10.40 24.91 N | 35.47 -12.61 42.57 N | 42.68 -6.55 -0.48 N | 41.26 -4.94 -10.17 N | 38.33 -4.00 -10.29 N | 37.41 -2.20 -21.04 N | 40.63 -4.06 -9.09 N | 54.35 -8.24 -1.17 N | 72.04 -12.10 4.84 N | 59.87 -8.49 0.00 N | 70.94 -8.38 0.00 N | 69.66 -7.67 0.00 N | 55.23 -6.93 -2.13 N | 40.93 -4.78 -0.58 N | 38.09 -3.76 0.00 N |
| OXBOW____ 24026 | 38.26 -3.22 -3.41 N | 33.03 -2.95 0.00 N | 56.53 -5.92 -3.30 N | 37.84 -2.90 -11.80 N | 40.98 -4.69 0.00 N | 41.14 -4.58 0.00 N | 51.51 -5.41 -7.82 N | 35.80 -4.33 -8.44 N | 53.12 -9.30 0.24 N | 39.30 -11.25 24.64 N | 34.97 -13.61 42.08 N | 42.08 -7.16 -0.50 N | 40.80 -5.35 -10.11 N | 37.89 -4.38 -10.23 N | 37.06 -2.43 -20.92 N | 40.13 -4.51 -9.04 N | 53.64 -8.94 -1.16 N | 71.04 -13.09 4.84 N | 59.08 -9.28 0.00 N | 70.03 -9.30 0.00 N | 68.81 -8.52 0.00 N | 54.54 -7.61 -2.12 N | 40.35 -5.35 -0.57 N | 37.50 -4.35 0.00 N |
| OXY_CHEM_DSASP 323612 | 38.01 -3.45 -3.39 N | 32.81 -3.17 0.00 N | 56.10 -6.33 -3.28 N | 37.59 -3.09 -11.74 N | 40.70 -4.97 0.00 N | 40.85 -4.87 0.00 N | 51.11 -5.76 -7.77 N | 35.58 -4.51 -8.39 N | 52.71 -9.72 0.24 N | 39.01 -11.83 24.35 N | 34.76 -14.34 41.55 N | 41.68 -7.58 -0.52 N | 40.43 -5.66 -10.05 N | 37.57 -4.64 -10.17 N | 36.77 -2.60 -20.80 N | 39.78 -4.81 -8.99 N | 53.11 -9.46 -1.15 N | 70.29 -13.83 4.85 N | 58.50 -9.86 0.00 N | 69.33 -9.99 0.00 N | 68.22 -9.11 0.00 N | 54.03 -8.11 -2.11 N | 39.96 -5.74 -0.57 N | 37.12 -4.72 0.00 N |
| PEEKSKILL____ 23653 | 63.35 3.24 -22.04 N | 39.07 3.09 0.00 N | 85.28 4.82 -21.30 N | 107.58 2.35 -76.29 N | 49.42 3.75 0.00 N | 49.42 3.70 0.00 N | 103.60 3.97 -50.54 N | 88.71 2.49 -54.51 N | 67.56 4.89 0.00 N | 87.45 6.21 -6.04 N | 126.04 7.26 -28.12 N | 104.28 4.24 -51.29 N | 106.60 3.11 -67.45 N | 100.91 2.76 -66.11 N | 155.29 1.54 -135.19 N | 97.19 3.16 -58.43 N | 74.53 5.61 -7.51 N | 96.16 7.27 0.09 N | 73.96 5.60 0.00 N | 86.26 6.94 0.00 N | 84.05 6.72 0.00 N | 79.11 5.38 -13.71 N | 52.65 3.82 -3.71 N | 45.17 3.32 0.00 N |
| PGE MADISON____WINDPWR 24146 | 47.64 3.03 -6.54 N | 39.02 3.04 0.00 N | 70.32 4.85 -6.32 N | 53.98 2.40 -22.64 N | 49.33 3.66 0.00 N | 49.37 3.65 0.00 N | 68.50 4.41 -15.00 N | 50.42 2.54 -16.17 N | 68.35 5.63 -0.04 N | 88.91 7.53 -6.19 N | 116.13 8.84 -16.63 N | 70.18 4.85 -16.59 N | 59.42 3.31 -20.07 N | 54.58 2.92 -19.62 N | 60.43 1.75 -40.11 N | 56.37 3.43 -17.34 N | 69.44 5.79 -2.23 N | 97.64 8.96 0.30 N | 75.24 6.88 0.00 N | 87.78 8.45 0.00 N | 85.21 7.88 0.00 N | 69.72 5.62 -4.07 N | 50.04 3.82 -1.10 N | 45.42 3.57 0.00 N |
| PIERCEFIELD____HYD 23852 | 36.67 -1.40 0.00 N | 34.56 -1.42 0.00 N | 57.17 -1.99 0.00 N | 28.08 -0.86 0.00 N | 44.30 -1.37 0.00 N | 44.41 -1.31 0.00 N | 46.93 -2.16 0.00 N | 30.91 -0.79 0.00 N | 61.16 -1.51 0.00 N | 73.69 -1.50 0.00 N | 88.73 -1.93 0.00 N | 47.53 -1.22 0.00 N | 35.36 -0.68 0.00 N | 31.66 -0.38 0.00 N | 18.36 -0.21 0.00 N | 34.99 -0.61 0.00 N | 60.49 -0.93 0.00 N | 87.89 -1.09 0.00 N | 67.24 -1.12 0.00 N | 77.47 -1.85 0.00 N | 74.34 -2.99 0.00 N | 58.87 -1.16 0.00 N | 44.19 -0.93 0.00 N | 41.38 -0.47 0.00 N |
| PINELAWN_CC_1 323563 | 63.87 3.60 -22.20 N | 40.08 4.10 0.00 N | 86.40 5.80 -21.45 N | 108.65 2.88 -76.82 N | 50.63 4.96 0.00 N | 50.47 4.75 0.00 N | 104.73 4.75 -50.89 N | 89.47 2.87 -54.90 N | 67.63 4.96 0.00 N | 87.08 5.80 -6.08 N | 125.56 6.59 -28.31 N | 104.46 4.06 -51.65 N | 107.74 3.77 -67.93 N | 101.94 3.32 -66.57 N | 156.55 1.84 -136.14 N | 98.31 3.87 -58.84 N | 75.80 6.82 -7.56 N | 116.87 9.01 -18.89 N | 75.29 6.93 0.00 N | 94.11 8.74 -6.04 N | 91.22 8.60 -5.29 N | 94.27 6.77 -27.47 N | 53.79 4.93 -3.73 N | 46.03 4.18 0.00 N |
| PJM_GEN_KEystone 24065 | 53.10 -0.36 -14.83 N | 33.57 -0.03 1.78 N | 69.09 -0.37 -13.28 N | 67.98 -0.20 -39.24 N | 45.31 -0.36 0.00 N | 45.22 -0.50 0.00 N | 71.07 -0.16 -19.42 N | 60.39 -0.57 -28.30 N | 61.43 -1.17 0.07 N | 69.60 -1.00 4.59 N | 89.85 -1.44 -0.63 N | 72.84 -0.10 -24.19 N | 70.29 -0.35 -34.60 N | 65.80 -0.24 -34.00 N | 87.97 -0.14 -69.54 N | 65.55 -0.11 -30.05 N | 64.59 -0.69 -3.86 N | 100.46 -2.58 5.98 N | 67.40 -0.96 0.00 N | 79.36 0.04 0.00 N | 77.38 0.06 0.00 N | 67.64 -0.15 -5.95 N | 48.63 -0.28 -3.43 N | 42.72 -0.16 -9.96 N |
| PJM_GEN_NEPTUNE_PROXY 323594 | 80.21 3.23 -38.36 N | 37.35 3.75 1.78 N | 85.41 4.88 -24.36 N | 108.35 2.59 -76.82 N | 50.16 4.49 0.00 N | 50.00 4.28 0.00 N | 98.51 4.48 -42.23 N | 86.45 2.58 -51.20 N | 67.61 4.94 0.00 N | 87.20 5.92 -6.08 N | 125.66 6.69 -28.31 N | 104.43 4.04 -51.65 N | 107.37 3.41 -67.93 N | 101.64 3.02 -66.57 N | 156.38 1.67 -136.14 N | 97.99 3.55 -58.84 N | 75.26 6.28 -7.56 N | 125.52 10.06 -6.44 N | 74.63 6.27 0.00 N | 93.21 7.84 -6.04 N | 90.32 7.70 -5.29 N | 89.91 6.53 -19.50 N | 74.32 4.38 -24.46 N | 45.86 2.98 -9.96 N |
| PJM_GEN_VFT_PROXY 323633 | 80.50 3.52 -38.35 N | 36.91 3.30 1.78 N | 85.47 4.93 -24.36 N | 108.25 2.49 -76.82 N | 49.65 3.99 0.00 N | 49.65 3.93 0.00 N | 98.47 4.44 -42.22 N | 86.54 2.69 -51.20 N | 67.86 5.19 0.00 N | 87.93 6.65 -6.08 N | 126.57 7.60 -28.31 N | 104.81 4.42 -51.64 N | 107.25 3.29 -67.92 N | 101.55 2.94 -66.57 N | 156.30 1.61 -136.12 N | 97.83 3.39 -58.83 N | 75.08 6.10 -7.56 N | 118.20 11.19 24.88 N | 74.32 5.96 0.00 N | 86.68 7.36 0.00 N | 84.41 7.08 0.00 N | 75.75 6.03 -5.83 N | 59.01 3.98 -9.57 N | 45.68 2.79 -9.96 N |
| PLEASANTVLY____LBMP 24000 | 64.19 3.07 -23.04 N | 38.90 2.92 0.00 N | 86.06 4.63 -22.26 N | 110.95 2.26 -79.75 N | 49.25 3.58 0.00 N | 49.25 3.54 0.00 N | 105.73 3.80 -52.83 N | 91.11 2.42 -56.99 N | 67.41 4.74 0.00 N | 87.49 5.98 -6.32 N | 127.10 7.05 -29.39 N | 106.41 4.05 -53.62 N | 109.53 2.98 -70.51 N | 103.81 2.65 -69.11 N | 161.39 1.49 -141.32 N | 99.71 3.03 -61.08 N | 74.60 5.33 -7.85 N | 95.84 6.95 0.09 N | 73.76 5.40 0.00 N | 85.98 6.66 0.00 N | 83.77 6.44 0.00 N | 79.50 5.15 -14.33 N | 52.70 3.70 -3.88 N | 45.07 3.23 0.00 N |
| POLETTI____ 23519 | 63.80 3.54 -22.19 N | 39.42 3.44 0.00 N | 85.92 5.32 -21.44 N | 108.33 2.58 -76.82 N | 49.81 4.14 0.00 N | 49.80 4.08 0.00 N | 104.33 4.35 -50.89 N | 89.29 2.70 -54.89 N | 68.01 5.34 0.00 N | 88.11 6.84 -6.08 N | 126.77 7.80 -28.31 N | 104.94 4.55 -51.64 N | 107.37 3.41 -67.92 N | 101.67 3.06 -66.57 N | 156.36 1.66 -136.12 N | 97.95 3.51 -58.83 N | 75.26 6.28 -7.56 N | 96.99 8.10 0.09 N | 74.56 6.20 0.00 N | 86.93 7.61 0.00 N | 84.63 7.30 0.00 N | 79.64 5.81 -13.80 N | 52.98 4.12 -3.73 N | 45.44 3.59 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| PORT_JEFF_3 23555 | 64.08 3.81 -22.20 N | 40.51 4.53 0.00 N | 86.97 6.37 -21.45 N | 108.97 3.21 -76.82 N | 51.26 5.59 0.00 N | 51.17 5.45 0.00 N | 105.35 5.36 -50.89 N | 89.91 3.31 -54.90 N | 68.65 5.97 0.00 N | 88.36 7.08 -6.08 N | 127.00 8.03 -28.31 N | 105.09 4.70 -51.65 N | 107.89 3.93 -67.93 N | 102.10 3.49 -66.57 N | 156.66 1.95 -136.14 N | 98.58 4.14 -58.84 N | 76.30 7.32 -7.56 N | 117.39 9.51 -18.89 N | 75.67 7.31 0.00 N | 94.56 9.20 -6.04 N | 91.92 9.30 -5.29 N | 94.74 7.24 -27.47 N | 54.06 5.20 -3.73 N | 46.37 4.52 0.00 N | |
| PORT_JEFF_4 23616 | 64.08 3.81 -22.20 N | 40.51 4.53 0.00 N | 86.97 6.37 -21.45 N | 108.97 3.21 -76.82 N | 51.26 5.59 0.00 N | 51.17 5.45 0.00 N | 105.35 5.36 -50.89 N | 89.91 3.31 -54.90 N | 68.65 5.97 0.00 N | 88.36 7.08 -6.08 N | 127.00 8.03 -28.31 N | 105.09 4.70 -51.65 N | 107.89 3.93 -67.93 N | 102.10 3.49 -66.57 N | 156.66 1.95 -136.14 N | 98.58 4.14 -58.84 N | 76.30 7.32 -7.56 N | 117.39 9.51 -18.89 N | 75.67 7.31 0.00 N | 94.56 9.20 -6.04 N | 91.92 9.30 -5.29 N | 94.74 7.24 -27.47 N | 54.06 5.20 -3.73 N | 46.37 4.52 0.00 N | |
| PORT_JEFF_IC 23713 | 64.26 4.00 -22.20 N | 40.70 4.72 0.00 N | 87.26 6.65 -21.45 N | 109.09 3.33 -76.82 N | 51.47 5.80 0.00 N | 51.41 5.69 0.00 N | 105.60 5.61 -50.89 N | 90.06 3.46 -54.90 N | 68.96 6.29 0.00 N | 88.81 7.53 -6.08 N | 127.55 8.57 -28.31 N | 105.39 4.99 -51.65 N | 108.11 4.14 -67.93 N | 102.29 3.67 -66.57 N | 156.77 2.06 -136.14 N | 98.79 4.35 -58.84 N | 76.68 7.70 -7.56 N | 117.61 9.74 -18.89 N | 75.86 7.50 0.00 N | 94.81 9.45 -6.04 N | 92.40 9.78 -5.29 N | 95.12 7.62 -27.47 N | 54.31 5.45 -3.73 N | 46.60 4.76 0.00 N | |
| PPL PILGRIM_ST_GT1 24216 | 64.12 3.86 -22.20 N | 40.41 4.43 0.00 N | 86.87 6.27 -21.45 N | 108.90 3.14 -76.82 N | 51.08 5.41 0.00 N | 50.90 5.18 0.00 N | 105.09 5.11 -50.89 N | 89.75 3.15 -54.90 N | 68.65 5.97 0.00 N | 88.31 7.04 -6.08 N | 126.73 7.76 -28.31 N | 104.92 4.53 -51.65 N | 107.81 3.85 -67.93 N | 102.03 3.41 -66.57 N | 156.61 1.90 -136.14 N | 98.46 4.02 -58.84 N | 76.06 7.08 -7.56 N | 116.76 8.89 -18.89 N | 75.26 6.90 0.00 N | 94.50 9.13 -6.04 N | 91.60 8.97 -5.29 N | 94.55 7.05 -27.47 N | 54.04 5.18 -3.73 N | 46.30 4.45 0.00 N | |
| PPL PILGRIM_ST_GT2 24217 | 64.12 3.86 -22.20 N | 40.41 4.43 0.00 N | 86.87 6.27 -21.45 N | 108.90 3.14 -76.82 N | 51.08 5.41 0.00 N | 50.90 5.18 0.00 N | 105.09 5.11 -50.89 N | 89.75 3.15 -54.90 N | 68.65 5.97 0.00 N | 88.31 7.04 -6.08 N | 126.73 7.76 -28.31 N | 104.92 4.53 -51.65 N | 107.81 3.85 -67.93 N | 102.03 3.41 -66.57 N | 156.61 1.90 -136.14 N | 98.46 4.02 -58.84 N | 76.06 7.08 -7.56 N | 116.76 8.89 -18.89 N | 75.26 6.90 0.00 N | 94.50 9.13 -6.04 N | 91.60 8.97 -5.29 N | 94.55 7.05 -27.47 N | 54.04 5.18 -3.73 N | 46.30 4.45 0.00 N | |
| PPL_SHRM_GT3 24213 | 62.62 2.35 -22.20 N | 39.46 3.48 0.00 N | 85.36 4.76 -21.45 N | 108.25 2.48 -76.82 N | 50.21 4.54 0.00 N | 50.21 4.49 0.00 N | 104.04 4.05 -50.89 N | 88.94 2.34 -54.90 N | 66.05 3.37 0.00 N | 84.93 3.65 -6.08 N | 122.82 3.84 -28.31 N | 102.80 2.40 -51.65 N | 106.22 2.26 -67.93 N | 100.61 2.00 -66.57 N | 155.79 1.09 -136.14 N | 96.91 2.47 -58.84 N | 73.44 4.47 -7.56 N | 113.30 5.43 -18.89 N | 72.65 4.29 0.00 N | 91.06 5.69 -6.04 N | 88.36 5.74 -5.29 N | 91.96 4.46 -27.47 N | 52.01 3.15 -3.73 N | 44.65 2.80 0.00 N | |
| PPL_SHRM_GT4 24214 | 62.62 2.35 -22.20 N | 39.46 3.48 0.00 N | 85.36 4.76 -21.45 N | 108.25 2.48 -76.82 N | 50.21 4.54 0.00 N | 50.21 4.49 0.00 N | 104.04 4.05 -50.89 N | 88.94 2.34 -54.90 N | 66.05 3.37 0.00 N | 84.93 3.65 -6.08 N | 122.82 3.84 -28.31 N | 102.80 2.40 -51.65 N | 106.22 2.26 -67.93 N | 100.61 2.00 -66.57 N | 155.79 1.09 -136.14 N | 96.91 2.47 -58.84 N | 73.44 4.47 -7.56 N | 113.30 5.43 -18.89 N | 72.65 4.29 0.00 N | 91.06 5.69 -6.04 N | 88.36 5.74 -5.29 N | 91.96 4.46 -27.47 N | 52.01 3.15 -3.73 N | 44.65 2.80 0.00 N | |
| PROJECT___ORANGE 1 24174 | 39.51 -0.40 -1.84 N | 35.63 -0.35 0.00 N | 60.08 -0.86 -1.78 N | 34.91 -0.40 -6.38 N | 44.96 -0.71 0.00 N | 44.98 -0.74 0.00 N | 52.64 -0.68 -4.22 N | 35.71 -0.55 -4.56 N | 61.64 -1.03 0.00 N | 74.62 -1.08 -0.51 N | 91.67 -1.34 -2.35 N | 52.45 -0.59 -4.29 N | 41.18 -0.50 -5.64 N | 37.15 -0.42 -5.53 N | 29.64 -0.23 -11.30 N | 40.02 -0.46 -4.88 N | 61.09 -0.96 -0.63 N | 87.55 -1.42 0.00 N | 67.47 -0.89 0.00 N | 78.58 -0.74 0.00 N | 76.52 -0.81 0.00 N | 60.33 -0.84 -1.14 N | 44.71 -0.72 -0.31 N | 41.17 -0.67 0.00 N | |
| PROJECT___ORANGE 2 24166 | 39.51 -0.40 -1.84 N | 35.63 -0.35 0.00 N | 60.08 -0.86 -1.78 N | 34.91 -0.40 -6.38 N | 44.96 -0.71 0.00 N | 44.98 -0.74 0.00 N | 52.64 -0.68 -4.22 N | 35.71 -0.55 -4.56 N | 61.64 -1.03 0.00 N | 74.62 -1.08 -0.51 N | 91.67 -1.34 -2.35 N | 52.45 -0.59 -4.29 N | 41.18 -0.50 -5.64 N | 37.15 -0.42 -5.53 N | 29.64 -0.23 -11.30 N | 40.02 -0.46 -4.88 N | 61.09 -0.96 -0.63 N | 87.55 -1.42 0.00 N | 67.47 -0.89 0.00 N | 78.58 -0.74 0.00 N | 76.52 -0.81 0.00 N | 60.33 -0.84 -1.14 N | 44.71 -0.72 -0.31 N | 41.17 -0.67 0.00 N | |
| PYRITES___HYD 24023 | 36.91 -1.16 0.00 N | 34.77 -1.20 0.00 N | 57.56 -1.60 0.00 N | 28.25 -0.69 0.00 N | 44.58 -1.09 0.00 N | 44.72 -1.00 0.00 N | 47.38 -1.71 0.00 N | 31.26 -0.44 0.00 N | 61.89 -0.78 0.00 N | 74.45 -0.74 0.00 N | 89.63 -1.03 0.00 N | 47.91 -0.84 0.00 N | 35.69 -0.35 0.00 N | 31.94 -0.10 0.00 N | 18.51 -0.06 0.00 N | 35.31 -0.29 0.00 N | 61.12 -0.30 0.00 N | 88.88 -0.10 0.00 N | 68.18 -0.18 0.00 N | 78.52 -0.80 0.00 N | 75.18 -2.14 0.00 N | 59.41 -0.62 0.00 N | 44.58 -0.54 0.00 N | 41.73 -0.11 0.00 N | |
| RAMAPO___LBMP 323565 | 62.80 3.17 -21.56 N | 38.99 3.01 0.00 N | 84.65 4.67 -20.83 N | 105.84 2.28 -74.62 N | 49.31 3.64 0.00 N | 49.28 3.56 0.00 N | 102.34 3.82 -49.43 N | 87.42 2.40 -53.32 N | 67.33 4.65 0.00 N | 87.03 5.93 -5.91 N | 125.08 6.92 -27.50 N | 102.99 4.08 -50.17 N | 104.98 2.97 -65.98 N | 99.33 2.62 -64.66 N | 152.26 1.46 -132.23 N | 95.77 3.02 -57.15 N | 74.08 5.31 -7.34 N | 95.71 6.83 0.09 N | 73.60 5.24 0.00 N | 85.88 6.55 0.00 N | 83.67 6.35 0.00 N | 78.57 5.14 -13.41 N | 52.39 3.64 -3.63 N | 45.01 3.16 0.00 N | |
| RANKINE____ 23646 | 39.15 -2.55 -3.63 N | 33.73 -2.24 0.00 N | 58.13 -4.53 -3.51 N | 39.26 -2.24 -12.56 N | 42.03 -3.65 0.00 N | 42.12 -3.60 0.00 N | 53.55 -3.86 -8.32 N | 37.42 -3.25 -8.97 N | 55.52 -6.87 0.28 N | 38.74 -8.13 28.32 N | 31.97 -9.86 48.83 N | 43.85 -4.86 0.04 N | 42.98 -3.79 -10.73 N | 39.86 -3.06 -10.88 N | 39.12 -1.70 -22.25 N | 42.13 -3.09 -9.62 N | 56.29 -6.36 -1.23 N | 74.90 -9.39 4.69 N | 61.93 -6.43 0.00 N | 73.37 -5.96 0.00 N | 71.85 -5.47 0.00 N | 57.10 -5.19 -2.26 N | 41.97 -3.76 -0.61 N | 38.69 -3.15 0.00 N | |
| RAVENSWOOD_GT2_1 24244 | 63.83 3.56 -22.19 N | 39.42 3.44 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.59 -76.82 N | 49.82 4.15 0.00 N | 49.81 4.09 0.00 N | 104.37 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.10 5.43 0.00 N | 88.20 6.93 -6.08 N | 126.99 8.02 -28.31 N | 105.03 4.63 -51.64 N | 107.40 3.44 -67.92 N | 101.70 3.09 -66.57 N | 156.40 1.70 -136.12 N | 97.98 3.55 -58.83 N | 75.29 6.31 -7.56 N | 97.09 8.20 0.09 N | 74.67 6.31 0.00 N | 87.09 7.77 0.00 N | 84.79 7.47 0.00 N | 79.77 5.94 -13.80 N | 53.08 4.22 -3.73 N | 45.50 3.65 0.00 N | |
| RAVENSWOOD_GT2_2 | 63.83 | 39.42 | 85.96 | 108.35 | 49.82 | 49.81 | 104.37 | 89.34 | 68.10 | 88.20 | 126.99 | 105.03 | 107.40 | 101.70 | 156.40 | 97.98 | 75.29 | 97.09 | 74.67 | 87.09 | 84.79 | 79.77 | 53.08 | 45.50 | |

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| 24245 | 3.56 -22.19 N | 3.44 0.00 N | 5.36 -21.44 N | 2.59 -76.82 N | 4.15 0.00 N | 4.09 0.00 N | 4.38 -50.89 N | 2.75 -54.89 N | 5.43 0.00 N | 6.93 -6.08 N | 8.02 -28.31 N | 4.63 -51.64 N | 3.44 -67.92 N | 3.09 -66.57 N | 1.70 -136.12 N | 3.55 -58.83 N | 6.31 -7.56 N | 8.20 0.09 N | 6.31 0.00 N | 7.77 0.00 N | 7.47 0.00 N | 5.94 -13.80 N | 4.22 -3.73 N | 3.65 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 63.85 3.59 -22.19 N | 39.45 3.47 0.00 N | 85.98 5.38 -21.44 N | 108.36 2.61 -76.82 N | 49.85 4.18 0.00 N | 49.84 4.12 0.00 N | 104.40 4.42 -50.89 N | 89.36 2.76 -54.89 N | 68.14 5.46 0.00 N | 88.25 6.97 -6.08 N | 127.03 8.06 -28.31 N | 105.08 4.68 -51.64 N | 107.43 3.47 -67.92 N | 101.73 3.12 -66.57 N | 156.41 1.72 -136.12 N | 98.01 3.57 -58.83 N | 75.34 6.36 -7.56 N | 97.16 8.28 0.09 N | 74.73 6.37 0.00 N | 87.14 7.82 0.00 N | 84.86 7.53 0.00 N | 79.82 5.99 -13.80 N | 53.11 4.25 -3.73 N | 45.54 3.69 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 63.85 3.59 -22.19 N | 39.45 3.47 0.00 N | 85.98 5.38 -21.44 N | 108.36 2.61 -76.82 N | 49.85 4.18 0.00 N | 49.84 4.12 0.00 N | 104.40 4.42 -50.89 N | 89.36 2.76 -54.89 N | 68.14 5.46 0.00 N | 88.25 6.97 -6.08 N | 127.03 8.06 -28.31 N | 105.08 4.68 -51.64 N | 107.43 3.47 -67.92 N | 101.73 3.12 -66.57 N | 156.41 1.72 -136.12 N | 98.01 3.57 -58.83 N | 75.34 6.36 -7.56 N | 97.16 8.28 0.09 N | 74.73 6.37 0.00 N | 87.14 7.82 0.00 N | 84.86 7.53 0.00 N | 79.82 5.99 -13.80 N | 53.11 4.25 -3.73 N | 45.54 3.69 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 63.83 3.56 -22.19 N | 39.42 3.45 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.59 -76.82 N | 49.82 4.15 0.00 N | 49.81 4.09 0.00 N | 104.37 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.11 5.44 0.00 N | 88.21 6.94 -6.08 N | 126.99 8.02 -28.31 N | 105.03 4.63 -51.64 N | 107.41 3.45 -67.92 N | 101.70 3.09 -66.57 N | 156.40 1.70 -136.12 N | 97.98 3.55 -58.83 N | 75.29 6.31 -7.56 N | 97.09 8.20 0.09 N | 74.68 6.32 0.00 N | 87.10 7.78 0.00 N | 84.80 7.47 0.00 N | 79.77 5.94 -13.80 N | 53.08 4.23 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 63.83 3.56 -22.19 N | 39.42 3.45 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.59 -76.82 N | 49.82 4.15 0.00 N | 49.81 4.09 0.00 N | 104.37 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.11 5.44 0.00 N | 88.21 6.94 -6.08 N | 126.99 8.02 -28.31 N | 105.03 4.63 -51.64 N | 107.41 3.45 -67.92 N | 101.70 3.09 -66.57 N | 156.40 1.70 -136.12 N | 97.98 3.55 -58.83 N | 75.29 6.31 -7.56 N | 97.09 8.20 0.09 N | 74.68 6.32 0.00 N | 87.10 7.78 0.00 N | 84.80 7.47 0.00 N | 79.77 5.94 -13.80 N | 53.08 4.23 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 63.88 3.61 -22.19 N | 39.47 3.49 0.00 N | 86.01 5.42 -21.44 N | 108.37 2.61 -76.82 N | 49.87 4.19 0.00 N | 49.87 4.15 0.00 N | 104.43 4.45 -50.89 N | 89.38 2.79 -54.89 N | 68.20 5.52 0.00 N | 88.31 7.03 -6.08 N | 127.10 8.13 -28.31 N | 105.10 4.71 -51.64 N | 107.47 3.51 -67.92 N | 101.74 3.13 -66.57 N | 156.42 1.73 -136.12 N | 98.03 3.59 -58.83 N | 75.39 6.41 -7.56 N | 97.22 8.33 0.09 N | 74.78 6.42 0.00 N | 87.21 7.88 0.00 N | 84.90 7.58 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.56 3.71 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 63.88 3.61 -22.19 N | 39.47 3.49 0.00 N | 86.01 5.42 -21.44 N | 108.37 2.61 -76.82 N | 49.87 4.19 0.00 N | 49.87 4.15 0.00 N | 104.43 4.45 -50.89 N | 89.38 2.79 -54.89 N | 68.20 5.52 0.00 N | 88.31 7.03 -6.08 N | 127.10 8.13 -28.31 N | 105.10 4.71 -51.64 N | 107.47 3.51 -67.92 N | 101.74 3.13 -66.57 N | 156.42 1.73 -136.12 N | 98.03 3.59 -58.83 N | 75.39 6.41 -7.56 N | 97.22 8.33 0.09 N | 74.78 6.42 0.00 N | 87.21 7.88 0.00 N | 84.90 7.58 0.00 N | 79.84 6.01 -13.80 N | 53.14 4.28 -3.73 N | 45.56 3.71 0.00 N |
| RAVENSWOOD_GT_1 23729 | 74.36 3.74 -32.55 N | 46.94 3.63 -7.33 N | 88.08 5.65 -23.27 N | 117.84 2.74 -86.15 N | 50.06 4.39 0.00 N | 50.08 4.35 -0.01 N | 104.65 4.66 -50.89 N | 89.50 2.91 -54.89 N | 68.43 5.75 -0.01 N | 92.84 7.28 -10.36 N | 156.30 8.41 -57.24 N | 150.03 4.88 -96.40 N | 159.54 3.65 -119.85 N | 158.32 3.26 -123.01 N | 239.51 1.80 -219.14 N | 136.00 3.74 -96.66 N | 130.18 6.65 -62.11 N | 139.11 8.68 -41.45 N | 175.84 6.69 -100.79 N | 222.42 8.20 -134.89 N | 235.09 7.88 -149.88 N | 160.24 6.24 -93.97 N | 54.79 4.46 -5.21 N | 45.72 3.87 0.00 N |
| RAVENSWOOD_GT_10 24258 | 64.94 3.56 -23.31 N | 38.97 3.44 0.45 N | 86.14 5.33 -21.66 N | 109.42 2.58 -77.90 N | 49.81 4.14 0.00 N | 49.81 4.09 0.00 N | 104.36 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.09 5.42 0.00 N | 88.67 6.89 -6.58 N | 130.31 8.01 -31.65 N | 110.19 4.63 -56.81 N | 113.39 3.44 -73.91 N | 107.81 3.08 -72.68 N | 165.97 1.70 -145.70 N | 102.14 3.54 -63.00 N | 81.58 6.30 -13.85 N | 99.08 8.20 -1.90 N | 79.72 6.30 -5.06 N | 89.81 7.75 -2.73 N | 85.68 7.47 -0.88 N | 79.77 5.94 -13.80 N | 53.07 4.22 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD_GT_11 24259 | 64.94 3.56 -23.31 N | 38.97 3.44 0.45 N | 86.14 5.33 -21.66 N | 109.42 2.58 -77.90 N | 49.81 4.14 0.00 N | 49.81 4.09 0.00 N | 104.36 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.09 5.42 0.00 N | 88.67 6.89 -6.58 N | 130.31 8.01 -31.65 N | 110.19 4.63 -56.81 N | 113.39 3.44 -73.91 N | 107.81 3.08 -72.68 N | 165.97 1.70 -145.70 N | 102.14 3.54 -63.00 N | 81.58 6.30 -13.85 N | 99.08 8.20 -1.90 N | 79.72 6.30 -5.06 N | 89.81 7.75 -2.73 N | 85.68 7.47 -0.88 N | 79.77 5.94 -13.80 N | 53.07 4.22 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD_GT_4 24252 | 71.19 3.53 -29.59 N | 36.42 3.42 2.97 N | 87.29 5.30 -22.84 N | 115.42 2.56 -83.92 N | 49.77 4.10 0.00 N | 49.76 4.04 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.38 0.00 N | 91.40 6.87 -9.34 N | 148.94 7.94 -50.34 N | 139.06 4.59 -85.72 N | 146.92 3.43 -107.45 N | 142.01 3.05 -106.91 N | 219.59 1.69 -199.33 N | 125.44 3.51 -86.32 N | 116.77 6.26 -49.09 N | 110.14 8.14 -13.03 N | 108.01 6.25 -33.40 N | 105.04 7.70 -18.02 N | 90.56 7.41 -5.82 N | 79.71 5.88 -13.80 N | 53.05 4.18 -3.73 N | 45.47 3.62 0.00 N |
| RAVENSWOOD_GT_5 24254 | 71.19 3.53 -29.59 N | 36.42 3.42 2.97 N | 87.29 5.30 -22.84 N | 115.42 2.56 -83.92 N | 49.77 4.10 0.00 N | 49.76 4.04 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.38 0.00 N | 91.40 6.87 -9.34 N | 148.94 7.94 -50.34 N | 139.06 4.59 -85.72 N | 146.92 3.43 -107.45 N | 142.01 3.05 -106.91 N | 219.59 1.69 -199.33 N | 125.44 3.51 -86.32 N | 116.77 6.26 -49.09 N | 110.14 8.14 -13.03 N | 108.01 6.25 -33.40 N | 105.04 7.70 -18.02 N | 90.56 7.41 -5.82 N | 79.71 5.88 -13.80 N | 53.05 4.18 -3.73 N | 45.47 3.62 0.00 N |
| RAVENSWOOD_GT_6 24253 | 71.19 3.53 -29.59 N | 36.42 3.42 2.97 N | 87.29 5.30 -22.84 N | 115.42 2.56 -83.92 N | 49.77 4.10 0.00 N | 49.76 4.04 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.38 0.00 N | 91.40 6.87 -9.34 N | 148.94 7.94 -50.34 N | 139.06 4.59 -85.72 N | 146.92 3.43 -107.45 N | 142.01 3.05 -106.91 N | 219.59 1.69 -199.33 N | 125.44 3.51 -86.32 N | 116.77 6.26 -49.09 N | 110.14 8.14 -13.03 N | 108.01 6.25 -33.40 N | 105.04 7.70 -18.02 N | 90.56 7.41 -5.82 N | 79.71 5.88 -13.80 N | 53.05 4.18 -3.73 N | 45.47 3.62 0.00 N |
| RAVENSWOOD_GT_7 24255 | 71.19 3.53 -29.59 N | 36.42 3.42 2.97 N | 87.29 5.30 -22.84 N | 115.42 2.56 -83.92 N | 49.77 4.10 0.00 N | 49.76 4.04 0.00 N | 104.33 4.35 -50.89 N | 89.31 2.72 -54.89 N | 68.05 5.38 0.00 N | 91.40 6.87 -9.34 N | 148.94 7.94 -50.34 N | 139.06 4.59 -85.72 N | 146.92 3.43 -107.45 N | 142.01 3.05 -106.91 N | 219.59 1.69 -199.33 N | 125.44 3.51 -86.32 N | 116.77 6.26 -49.09 N | 110.14 8.14 -13.03 N | 108.01 6.25 -33.40 N | 105.04 7.70 -18.02 N | 90.56 7.41 -5.82 N | 79.71 5.88 -13.80 N | 53.05 4.18 -3.73 N | 45.47 3.62 0.00 N |

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| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 64.94 3.56 -23.31 N | 38.97 3.44 0.45 N | 86.14 5.33 -21.66 N | 109.42 2.58 -77.90 N | 49.81 4.14 0.00 N | 49.81 4.09 0.00 N | 104.36 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.09 5.42 0.00 N | 88.67 6.89 -6.58 N | 130.31 8.01 -31.65 N | 110.19 4.63 -56.81 N | 113.39 3.44 -73.91 N | 107.81 3.08 -72.68 N | 165.97 1.70 -145.70 N | 102.14 3.54 -63.00 N | 81.58 6.30 -13.85 N | 99.08 8.20 -1.90 N | 79.72 6.30 -5.06 N | 89.81 7.75 -2.73 N | 85.68 7.47 -0.88 N | 79.77 5.94 -13.80 N | 53.07 4.22 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD_GT_9 24257 | 64.94 3.56 -23.31 N | 38.97 3.44 0.45 N | 86.14 5.33 -21.66 N | 109.42 2.58 -77.90 N | 49.81 4.14 0.00 N | 49.81 4.09 0.00 N | 104.36 4.38 -50.89 N | 89.34 2.75 -54.89 N | 68.09 5.42 0.00 N | 88.67 6.89 -6.58 N | 130.31 8.01 -31.65 N | 110.19 4.63 -56.81 N | 113.39 3.44 -73.91 N | 107.81 3.08 -72.68 N | 165.97 1.70 -145.70 N | 102.14 3.54 -63.00 N | 81.58 6.30 -13.85 N | 99.08 8.20 -1.90 N | 79.72 6.30 -5.06 N | 89.81 7.75 -2.73 N | 85.68 7.47 -0.88 N | 79.77 5.94 -13.80 N | 53.07 4.22 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD___1 23533 | 64.32 3.73 -22.52 N | 43.41 3.59 -3.84 N | 84.38 5.58 -19.65 N | 99.26 2.69 -67.63 N | 50.02 4.35 0.00 N | 50.03 4.30 -0.01 N | 104.56 4.57 -50.89 N | 89.47 2.87 -54.89 N | 68.37 5.69 -0.01 N | 84.30 7.23 -1.87 N | 98.80 8.31 0.17 N | 61.15 4.83 -7.57 N | 56.42 3.59 -16.79 N | 49.65 3.22 -14.39 N | 74.73 1.77 -54.38 N | 62.57 3.69 -23.28 N | 21.86 6.59 46.15 N | 104.79 8.58 -7.24 N | 88.71 6.61 -13.74 N | 175.32 8.09 -87.91 N | 219.80 7.76 -134.71 N | 160.19 6.19 -93.97 N | 54.75 4.42 -5.21 N | 45.67 3.83 0.00 N |
| RAVENSWOOD___2 23534 | 54.41 3.71 -12.63 N | 43.41 3.59 -3.84 N | 84.38 5.58 -19.65 N | 99.26 2.69 -67.63 N | 50.02 4.35 0.00 N | 50.03 4.30 -0.01 N | 104.56 4.57 -50.89 N | 89.47 2.87 -54.89 N | 68.37 5.69 -0.01 N | 84.30 7.23 -1.87 N | 98.80 8.31 0.17 N | 61.15 4.83 -7.57 N | 56.42 3.59 -16.79 N | 49.65 3.22 -14.39 N | 74.73 1.77 -54.38 N | 62.57 3.69 -23.28 N | 21.86 6.59 46.15 N | 104.79 8.58 -7.24 N | 88.71 6.61 -13.74 N | 175.32 8.09 -87.91 N | 219.80 7.76 -134.71 N | 160.19 6.19 -93.97 N | 54.75 4.42 -5.21 N | 45.67 3.83 0.00 N |
| RAVENSWOOD___3 23535 | 63.83 3.56 -22.19 N | 39.43 3.45 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.59 -76.82 N | 49.82 4.15 0.00 N | 49.81 4.09 0.00 N | 104.38 4.40 -50.89 N | 89.34 2.75 -54.89 N | 68.11 5.44 0.00 N | 88.22 6.94 -6.08 N | 126.99 8.02 -28.31 N | 105.03 4.64 -51.64 N | 107.41 3.45 -67.92 N | 101.70 3.09 -66.57 N | 156.40 1.70 -136.12 N | 97.98 3.55 -58.83 N | 75.29 6.31 -7.56 N | 97.09 8.20 0.09 N | 74.68 6.32 0.00 N | 87.10 7.78 0.00 N | 84.80 7.47 0.00 N | 79.77 5.94 -13.80 N | 53.08 4.23 -3.73 N | 45.50 3.65 0.00 N |
| RAVENSWOOD___4 23820 | 54.41 3.71 -12.63 N | 43.41 3.59 -3.84 N | 84.38 5.58 -19.65 N | 99.26 2.69 -67.63 N | 50.02 4.35 0.00 N | 50.03 4.30 -0.01 N | 104.56 4.57 -50.89 N | 89.47 2.87 -54.89 N | 68.37 5.69 -0.01 N | 84.30 7.23 -1.87 N | 98.80 8.31 0.17 N | 61.15 4.83 -7.57 N | 56.42 3.59 -16.79 N | 49.65 3.22 -14.39 N | 74.73 1.77 -54.38 N | 62.57 3.69 -23.28 N | 21.86 6.59 46.15 N | 104.79 8.58 -7.24 N | 88.71 6.61 -13.74 N | 175.32 8.09 -87.91 N | 219.80 7.76 -134.71 N | 160.19 6.19 -93.97 N | 54.75 4.42 -5.21 N | 45.67 3.83 0.00 N |
| RCPL_TRUST___DRP 24196 | 63.84 3.58 -22.19 N | 39.43 3.45 0.00 N | 85.96 5.36 -21.44 N | 108.35 2.60 -76.81 N | 49.83 4.16 0.00 N | 49.84 4.12 0.00 N | 104.40 4.42 -50.88 N | 89.36 2.78 -54.89 N | 68.15 5.48 0.00 N | 88.26 6.98 -6.08 N | 127.07 8.10 -28.31 N | 105.07 4.68 -51.64 N | 107.43 3.47 -67.91 N | 101.72 3.11 -66.56 N | 156.40 1.72 -136.11 N | 97.99 3.56 -58.83 N | 75.32 6.34 -7.56 N | 97.16 8.27 0.09 N | 74.72 6.36 0.00 N | 87.14 7.82 0.00 N | 84.85 7.52 0.00 N | 79.82 5.99 -13.80 N | 53.11 4.25 -3.73 N | 45.54 3.69 0.00 N |
| RENSSELAER___COGEN 23796 | 68.67 2.54 -28.06 N | 38.37 2.39 0.00 N | 90.23 3.96 -27.11 N | 128.02 1.96 -97.12 N | 48.67 3.00 0.00 N | 48.61 2.89 0.00 N | 116.42 3.00 -64.33 N | 103.02 1.93 -69.40 N | 66.45 3.78 0.00 N | 87.59 4.69 -7.70 N | 132.07 5.61 -35.80 N | 117.16 3.12 -65.29 N | 124.20 2.29 -85.87 N | 118.25 2.05 -84.16 N | 191.85 1.19 -172.10 N | 112.16 2.18 -74.38 N | 74.58 3.60 -9.56 N | 93.60 4.69 0.07 N | 72.10 3.73 0.00 N | 83.85 4.53 0.00 N | 81.76 4.44 0.00 N | 81.12 3.60 -17.49 N | 52.79 2.93 -4.73 N | 44.47 2.63 0.00 N |
| REVERE_CPPR_DRP 24186 | 39.57 1.01 -0.48 N | 36.93 0.95 0.00 N | 61.01 1.39 -0.47 N | 31.32 0.70 -1.68 N | 46.72 1.06 0.00 N | 46.79 1.07 0.00 N | 51.48 1.28 -1.11 N | 33.71 0.80 -1.20 N | 64.45 1.77 0.00 N | 77.72 2.39 -0.13 N | 94.28 3.00 -0.62 N | 51.65 1.77 -1.13 N | 38.77 1.25 -1.49 N | 34.61 1.12 -1.46 N | 22.19 0.64 -2.98 N | 38.07 1.19 -1.29 N | 63.63 2.05 -0.17 N | 92.07 3.10 0.00 N | 70.82 2.46 0.00 N | 82.30 2.97 0.00 N | 79.98 2.66 0.00 N | 62.30 1.97 -0.30 N | 46.54 1.33 -0.08 N | 42.99 1.15 0.00 N |
| RIVERBAY___ 323610 | 64.34 3.75 -22.52 N | 45.20 3.64 -5.58 N | 86.26 5.66 -21.44 N | 108.49 2.73 -76.82 N | 49.98 4.31 0.00 N | 49.99 4.26 -0.01 N | 104.53 4.54 -50.89 N | 89.41 2.82 -54.89 N | 68.32 5.64 -0.01 N | 88.38 7.10 -6.08 N | 127.04 8.07 -28.31 N | 105.07 4.68 -51.65 N | 107.48 3.51 -67.92 N | 103.51 3.19 -68.29 N | 156.45 1.75 -136.13 N | 99.02 3.73 -59.69 N | 75.62 6.64 -7.57 N | 97.55 8.66 0.09 N | 74.99 6.62 -0.01 N | 87.48 8.15 0.00 N | 85.18 7.86 0.00 N | 80.09 6.26 -13.80 N | 53.29 4.43 -3.73 N | 45.61 3.76 0.00 N |
| ROCHESTER_9_IC 23652 | 39.59 -1.16 -2.68 N | 34.75 -1.23 0.00 N | 59.05 -2.69 -2.59 N | 36.88 -1.33 -9.27 N | 43.49 -2.18 0.00 N | 43.70 -2.02 0.00 N | 53.06 -2.18 -6.14 N | 36.54 -1.79 -6.63 N | 58.86 -3.75 0.06 N | 65.24 -4.50 5.45 N | 76.45 -5.91 8.30 N | 50.38 -2.67 -4.30 N | 42.09 -2.06 -8.11 N | 38.42 -1.65 -8.03 N | 34.08 -0.92 -16.43 N | 41.03 -1.67 -7.10 N | 58.86 -3.46 -0.91 N | 84.05 -5.47 -0.54 N | 64.86 -3.50 0.00 N | 76.54 -2.79 0.00 N | 74.63 -2.69 0.00 N | 58.83 -2.87 -1.67 N | 43.37 -2.21 -0.45 N | 39.93 -1.91 0.00 N |
| ROSETON___1 23587 | 63.20 2.97 -22.17 N | 38.80 2.82 0.00 N | 85.04 4.47 -21.42 N | 107.83 2.18 -76.72 N | 49.12 3.45 0.00 N | 49.12 3.40 0.00 N | 103.57 3.65 -50.82 N | 88.84 2.31 -54.82 N | 67.22 4.55 0.00 N | 87.00 5.73 -6.07 N | 125.70 6.77 -28.27 N | 104.23 3.90 -51.58 N | 106.73 2.86 -67.83 N | 101.08 2.55 -66.48 N | 155.96 1.44 -135.95 N | 97.28 2.91 -58.76 N | 74.07 5.10 -7.55 N | 95.54 6.65 0.09 N | 73.52 5.16 0.00 N | 85.70 6.38 0.00 N | 83.51 6.18 0.00 N | 78.76 4.95 -13.78 N | 52.40 3.54 -3.73 N | 44.94 3.10 0.00 N |
| ROSETON___2 23588 | 63.20 2.97 -22.17 N | 38.80 2.82 0.00 N | 85.04 4.47 -21.42 N | 107.83 2.18 -76.72 N | 49.12 3.45 0.00 N | 49.12 3.40 0.00 N | 103.57 3.65 -50.82 N | 88.84 2.31 -54.82 N | 67.22 4.55 0.00 N | 87.00 5.73 -6.07 N | 125.70 6.77 -28.27 N | 104.23 3.90 -51.58 N | 106.73 2.86 -67.83 N | 101.08 2.55 -66.48 N | 155.96 1.44 -135.95 N | 97.28 2.91 -58.76 N | 74.07 5.10 -7.55 N | 95.54 6.65 0.09 N | 73.52 5.16 0.00 N | 85.70 6.38 0.00 N | 83.51 6.18 0.00 N | 78.76 4.95 -13.78 N | 52.40 3.54 -3.73 N | 44.94 3.10 0.00 N |
| RUSSELL___1 23602 | 40.65 -0.10 -2.68 N | 36.06 0.08 0.00 N | 61.30 -0.44 -2.59 N | 37.98 -0.24 -9.27 N | 45.25 -0.42 0.00 N | 45.49 -0.23 0.00 N | 55.04 -0.20 -6.14 N | 37.81 -0.52 -6.63 N | 61.65 -0.96 0.06 N | 68.81 -0.93 5.45 N | 81.15 -1.21 8.30 N | 52.67 -0.38 -4.30 N | 43.71 -0.44 -8.11 N | 39.85 -0.22 -8.03 N | 34.92 -0.08 -16.43 N | 42.64 -0.06 -7.10 N | 61.67 -0.66 -0.91 N | 88.79 -0.73 -0.54 N | 68.51 0.15 0.00 N | 80.29 0.97 0.00 N | 78.21 0.88 0.00 N | 61.46 -0.24 -1.67 N | 45.28 -0.30 -0.45 N | 41.64 -0.21 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--------|-------|--------|--------|-------|-------|--------|--------|-------|-------|--------|--------|--------|--------|---------|--------|-------|--------|-------|-------|-------|--------|-------|-------|---|
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RUSSELL___2 | | 40.65 | 36.06 | 61.30 | 37.98 | 45.25 | 45.49 | 55.04 | 37.81 | 61.65 | 68.81 | 81.15 | 52.67 | 43.71 | 39.85 | 34.92 | 42.64 | 61.67 | 88.79 | 68.51 | 80.29 | 78.21 | 61.46 | 45.28 | 41.64 | |
| 23532 | | -0.10 | 0.08 | -0.44 | -0.24 | -0.42 | -0.23 | -0.20 | -0.52 | -0.96 | -0.93 | -1.21 | -0.38 | -0.44 | -0.22 | -0.08 | -0.06 | -0.66 | -0.73 | 0.15 | 0.97 | 0.88 | -0.24 | -0.30 | -0.21 | |
| | | -2.68 | 0.00 | -2.59 | -9.27 | 0.00 | 0.00 | -6.14 | -6.63 | 0.06 | 5.45 | 8.30 | -4.30 | -8.11 | -8.03 | -16.43 | -7.10 | -0.91 | -0.54 | 0.00 | 0.00 | 0.00 | -1.67 | -0.45 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___3 | | 39.71 | 35.04 | 59.59 | 37.14 | 43.92 | 44.12 | 53.51 | 36.83 | 59.55 | 66.17 | 77.87 | 50.90 | 42.46 | 38.75 | 34.28 | 41.40 | 59.52 | 85.46 | 65.87 | 77.33 | 75.43 | 59.44 | 43.83 | 40.35 | |
| 23549 | | -1.04 | -0.94 | -2.15 | -1.07 | -1.75 | -1.60 | -1.72 | -1.49 | -3.06 | -3.57 | -4.49 | -2.15 | -1.69 | -1.32 | -0.72 | -1.31 | -2.81 | -4.06 | -2.49 | -2.00 | -1.90 | -2.25 | -1.75 | -1.49 | |
| | | -2.68 | 0.00 | -2.59 | -9.27 | 0.00 | 0.00 | -6.14 | -6.63 | 0.06 | 5.45 | 8.30 | -4.30 | -8.11 | -8.03 | -16.43 | -7.10 | -0.91 | -0.54 | 0.00 | 0.00 | 0.00 | -1.67 | -0.45 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___4 | | 40.64 | 36.05 | 61.27 | 37.96 | 45.22 | 45.47 | 55.02 | 37.79 | 61.62 | 68.77 | 81.08 | 52.64 | 43.69 | 39.85 | 34.91 | 42.62 | 61.64 | 88.72 | 68.48 | 80.28 | 78.17 | 61.43 | 45.26 | 41.62 | |
| 23556 | | -0.11 | 0.07 | -0.47 | -0.25 | -0.44 | -0.24 | -0.22 | -0.53 | -0.99 | -0.98 | -1.28 | -0.41 | -0.46 | -0.23 | -0.09 | -0.08 | -0.69 | -0.80 | 0.11 | 0.95 | 0.84 | -0.27 | -0.32 | -0.23 | |
| | | -2.68 | 0.00 | -2.59 | -9.27 | 0.00 | 0.00 | -6.14 | -6.63 | 0.06 | 5.45 | 8.30 | -4.30 | -8.11 | -8.03 | -16.43 | -7.10 | -0.91 | -0.54 | 0.00 | 0.00 | 0.00 | -1.67 | -0.45 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| RUSSELL___STATION | | 39.71 | 35.04 | 59.59 | 37.14 | 43.92 | 44.12 | 53.51 | 36.83 | 59.55 | 66.17 | 77.87 | 50.90 | 42.46 | 38.75 | 34.28 | 41.40 | 59.52 | 85.46 | 65.87 | 77.33 | 75.43 | 59.44 | 43.83 | 40.35 | |
| 23914 | | -1.04 | -0.94 | -2.15 | -1.07 | -1.75 | -1.60 | -1.72 | -1.49 | -3.06 | -3.57 | -4.49 | -2.15 | -1.69 | -1.32 | -0.72 | -1.31 | -2.81 | -4.06 | -2.49 | -2.00 | -1.90 | -2.25 | -1.75 | -1.49 | |
| | | -2.68 | 0.00 | -2.59 | -9.27 | 0.00 | 0.00 | -6.14 | -6.63 | 0.06 | 5.45 | 8.30 | -4.30 | -8.11 | -8.03 | -16.43 | -7.10 | -0.91 | -0.54 | 0.00 | 0.00 | 0.00 | -1.67 | -0.45 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| S SALMON___HYD | | 38.86 | 35.33 | 59.26 | 33.35 | 44.66 | 44.68 | 51.35 | 34.55 | 61.37 | 74.23 | 91.01 | 51.47 | 39.92 | 35.90 | 27.17 | 38.82 | 60.88 | 87.58 | 67.47 | 78.43 | 76.30 | 60.10 | 44.67 | 41.15 | |
| 24043 | | -0.66 | -0.64 | -1.29 | -0.60 | -1.01 | -1.04 | -1.06 | -0.73 | -1.30 | -1.36 | -1.49 | -0.64 | -0.54 | -0.48 | -0.28 | -0.62 | -1.03 | -1.40 | -0.89 | -0.90 | -1.03 | -0.83 | -0.70 | -0.70 | |
| | | -1.45 | 0.00 | -1.40 | -5.01 | 0.00 | 0.00 | -3.32 | -3.58 | 0.00 | -0.40 | -1.85 | -3.37 | -4.43 | -4.34 | -8.88 | -3.84 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 | -0.24 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SELKIRK___I | | 67.94 | 38.08 | 89.52 | 126.99 | 48.30 | 48.29 | 115.64 | 102.26 | 66.00 | 87.00 | 131.09 | 116.31 | 123.26 | 117.36 | 190.36 | 111.41 | 74.26 | 93.26 | 71.82 | 83.57 | 81.49 | 80.75 | 52.42 | 44.18 | |
| 23801 | | 2.04 | 2.10 | 3.47 | 1.71 | 2.63 | 2.56 | 2.73 | 1.71 | 3.33 | 4.17 | 4.91 | 2.79 | 2.04 | 1.83 | 1.06 | 2.02 | 3.36 | 4.36 | 3.45 | 4.25 | 4.16 | 3.37 | 2.60 | 2.33 | |
| | | -27.83 | 0.00 | -26.90 | -96.34 | 0.00 | 0.00 | -63.82 | -68.85 | 0.00 | -7.64 | -35.51 | -64.77 | -85.19 | -83.49 | -170.72 | -73.79 | -9.48 | 0.07 | 0.00 | 0.00 | 0.00 | -17.35 | -4.69 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SELKIRK___II | | 67.86 | 37.74 | 89.08 | 127.04 | 47.87 | 47.85 | 115.35 | 102.19 | 65.43 | 86.32 | 130.38 | 116.05 | 123.19 | 117.33 | 190.73 | 111.27 | 73.62 | 92.33 | 71.14 | 82.75 | 80.68 | 80.25 | 52.04 | 43.79 | |
| 23799 | | 1.86 | 1.76 | 2.94 | 1.45 | 2.20 | 2.13 | 2.23 | 1.42 | 2.76 | 3.46 | 4.10 | 2.32 | 1.70 | 1.53 | 0.88 | 1.65 | 2.70 | 3.43 | 2.78 | 3.42 | 3.36 | 2.78 | 2.20 | 1.94 | |
| | | -27.92 | 0.00 | -26.98 | -96.66 | 0.00 | 0.00 | -64.03 | -69.07 | 0.00 | -7.66 | -35.63 | -64.98 | -85.46 | -83.76 | -171.28 | -74.03 | -9.51 | 0.07 | 0.00 | 0.00 | 0.00 | -17.44 | -4.72 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SENECA OSWGO___HYD | | 40.16 | 36.24 | 60.91 | 35.37 | 45.77 | 45.86 | 53.60 | 36.34 | 62.97 | 76.38 | 93.60 | 53.46 | 41.93 | 37.80 | 29.96 | 40.74 | 62.44 | 89.74 | 69.28 | 79.66 | 75.82 | 59.77 | 44.37 | 40.88 | |
| 24041 | | 0.27 | 0.26 | -0.02 | 0.09 | 0.10 | 0.14 | 0.31 | 0.11 | 0.30 | 0.66 | 0.59 | 0.45 | 0.29 | 0.27 | 0.16 | 0.29 | 0.40 | 0.70 | 0.92 | 0.34 | -1.51 | -1.33 | -1.04 | -0.97 | |
| | | -1.83 | 0.00 | -1.77 | -6.33 | 0.00 | 0.00 | -4.20 | -4.53 | 0.00 | -0.52 | -2.35 | -4.26 | -5.60 | -5.49 | -11.22 | -4.85 | -0.62 | -0.06 | 0.00 | 0.00 | 0.00 | -1.06 | -0.29 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SENECA___ENERGY | | 40.14 | 35.41 | 60.53 | 38.00 | 44.61 | 44.70 | 54.60 | 37.79 | 61.19 | 76.34 | 95.70 | 54.99 | 43.85 | 39.84 | 35.40 | 42.41 | 61.06 | 87.25 | 67.30 | 78.59 | 76.46 | 60.64 | 44.60 | 40.89 | |
| 23797 | | -0.72 | -0.57 | -1.33 | -0.62 | -1.07 | -1.02 | -0.91 | -0.82 | -1.50 | -1.41 | -1.83 | -0.80 | -0.76 | -0.59 | -0.32 | -0.60 | -1.31 | -1.84 | -1.06 | -0.73 | -0.87 | -1.13 | -0.99 | -0.96 | |
| | | -2.80 | 0.00 | -2.70 | -9.68 | 0.00 | 0.00 | -6.41 | -6.92 | -0.02 | -2.55 | -6.87 | -7.04 | -8.58 | -8.39 | -17.15 | -7.41 | -0.95 | -0.12 | 0.00 | 0.00 | 0.00 | -1.74 | -0.47 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SHOEMAKER___GT | | 61.13 | 38.63 | 82.91 | 101.10 | 48.89 | 48.91 | 99.02 | 83.98 | 66.97 | 86.18 | 122.90 | 99.59 | 100.73 | 95.21 | 144.18 | 92.03 | 73.07 | 95.17 | 73.27 | 85.38 | 83.19 | 77.30 | 51.89 | 44.78 | |
| 23640 | | 2.80 | 2.65 | 4.18 | 2.04 | 3.21 | 3.19 | 3.48 | 2.18 | 4.31 | 5.43 | 6.40 | 3.70 | 2.70 | 2.40 | 1.36 | 2.73 | 4.75 | 6.29 | 4.91 | 6.06 | 5.86 | 4.67 | 3.36 | 2.93 | |
| | | -20.26 | 0.00 | -19.57 | -70.12 | 0.00 | 0.00 | -46.45 | -50.11 | 0.00 | -5.55 | -25.84 | -47.14 | -61.99 | -60.76 | -124.25 | -53.70 | -6.90 | 0.09 | 0.00 | 0.00 | 0.00 | -12.60 | -3.41 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SHOREHAM_IC_1 | | 62.62 | 39.46 | 85.36 | 108.25 | 50.21 | 50.21 | 104.04 | 88.94 | 66.05 | 84.93 | 122.82 | 102.80 | 106.22 | 100.61 | 155.79 | 96.91 | 73.44 | 113.30 | 72.65 | 91.06 | 88.36 | 91.96 | 52.01 | 44.65 | |
| 23715 | | 2.35 | 3.48 | 4.76 | 2.48 | 4.54 | 4.49 | 4.05 | 2.34 | 3.37 | 3.65 | 3.84 | 2.40 | 2.26 | 2.00 | 1.09 | 2.47 | 4.47 | 5.43 | 4.29 | 5.69 | 5.74 | 4.46 | 3.15 | 2.80 | |
| | | -22.20 | 0.00 | -21.45 | -76.82 | 0.00 | 0.00 | -50.89 | -54.90 | 0.00 | -6.08 | -28.31 | -51.65 | -67.93 | -66.57 | -136.14 | -58.84 | -7.56 | -18.89 | 0.00 | -6.04 | -5.29 | -27.47 | -3.73 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SHOREHAM_IC_2 | | 62.62 | 39.46 | 85.36 | 108.25 | 50.21 | 50.21 | 104.04 | 88.94 | 66.05 | 84.93 | 122.82 | 102.80 | 106.22 | 100.61 | 155.79 | 96.91 | 73.44 | 113.30 | 72.65 | 91.06 | 88.36 | 91.96 | 52.01 | 44.65 | |
| 23716 | | 2.35 | 3.48 | 4.76 | 2.48 | 4.54 | 4.49 | 4.05 | 2.34 | 3.37 | 3.65 | 3.84 | 2.40 | 2.26 | 2.00 | 1.09 | 2.47 | 4.47 | 5.43 | 4.29 | 5.69 | 5.74 | 4.46 | 3.15 | 2.80 | |
| | | -22.20 | 0.00 | -21.45 | -76.82 | 0.00 | 0.00 | -50.89 | -54.90 | 0.00 | -6.08 | -28.31 | -51.65 | -67.93 | -66.57 | -136.14 | -58.84 | -7.56 | -18.89 | 0.00 | -6.04 | -5.29 | -27.47 | -3.73 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SISSONVILLE___ | | 36.67 | 34.56 | 57.17 | 28.08 | 44.30 | 44.41 | 46.93 | 30.91 | 61.16 | 73.69 | 88.73 | 47.53 | 35.36 | 31.66 | 18.36 | 34.99 | 60.49 | 87.89 | 67.24 | 77.47 | 74.34 | 58.87 | 44.19 | 41.38 | |
| 23735 | | -1.40 | -1.42 | -1.99 | -0.86 | -1.37 | -1.31 | -2.16 | -0.79 | -1.51 | -1.50 | -1.93 | -1.22 | -0.68 | -0.38 | -0.21 | -0.61 | -0.93 | -1.09 | -1.12 | -1.85 | -2.99 | -1.16 | -0.93 | -0.47 | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| SITHE_IND_GS1 | | 38.11 | 34.76 | 58.25 | 32.63 | 43.91 | 43.91 | 50.33 | 33.77 | 60.02 | 72.45 | 88.59 | 49.97 | 38.75 | 34.87 | 26.27 | 37.80 | 59.24 | 85.13 | 65.48 | 76.17 | 74.25 | 58.38 | 43.47 | 40.14 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------------|-----------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|
| 24169 | -1.34 -1.38 N | -1.22 0.00 N | -2.23 -1.33 N | -1.06 -4.76 N | -1.76 0.00 N | -1.81 0.00 N | -1.91 -3.15 N | -1.33 -3.40 N | -2.65 0.00 N | -3.14 -0.39 N | -3.83 -1.76 N | -1.98 -3.20 N | -1.50 -4.21 N | -1.29 -4.12 N | -0.73 -8.43 N | -1.45 -3.64 N | -2.65 -0.47 N | -3.91 -0.07 N | -2.88 0.00 N | -3.16 0.00 N | -3.08 0.00 N | -2.50 -0.86 N | -1.89 -0.23 N | -1.71 0.00 N |
| SITHE_IND_GS2 24170 | 38.11 -1.34 -1.38 N | 34.76 -1.22 0.00 N | 58.25 -2.23 -1.33 N | 32.63 -1.06 -4.76 N | 43.91 -1.76 0.00 N | 43.91 -1.81 0.00 N | 50.33 -1.91 -3.15 N | 33.77 -1.33 -3.40 N | 60.02 -2.65 0.00 N | 72.45 -3.14 -0.39 N | 88.59 -3.83 -1.76 N | 49.97 -1.98 -3.20 N | 38.75 -1.50 -4.21 N | 34.87 -1.29 -4.12 N | 26.27 -0.73 -8.43 N | 37.80 -1.45 -3.64 N | 59.24 -2.65 -0.47 N | 85.13 -3.91 -0.07 N | 65.48 -2.88 0.00 N | 76.17 -3.16 0.00 N | 74.25 -3.08 0.00 N | 58.38 -2.50 -0.86 N | 43.47 -1.89 -0.23 N | 40.14 -1.71 0.00 N |
| SITHE_IND_GS3 24171 | 38.11 -1.34 -1.38 N | 34.76 -1.22 0.00 N | 58.25 -2.23 -1.33 N | 32.63 -1.06 -4.76 N | 43.91 -1.76 0.00 N | 43.91 -1.81 0.00 N | 50.33 -1.91 -3.15 N | 33.77 -1.33 -3.40 N | 60.02 -2.65 0.00 N | 72.45 -3.14 -0.39 N | 88.59 -3.83 -1.76 N | 49.97 -1.98 -3.20 N | 38.75 -1.50 -4.21 N | 34.87 -1.29 -4.12 N | 26.27 -0.73 -8.43 N | 37.80 -1.45 -3.64 N | 59.24 -2.65 -0.47 N | 85.13 -3.91 -0.07 N | 65.48 -2.88 0.00 N | 76.17 -3.16 0.00 N | 74.25 -3.08 0.00 N | 58.38 -2.50 -0.86 N | 43.47 -1.89 -0.23 N | 40.14 -1.71 0.00 N |
| SITHE_IND_GS4 24172 | 38.11 -1.34 -1.38 N | 34.76 -1.22 0.00 N | 58.25 -2.23 -1.33 N | 32.63 -1.06 -4.76 N | 43.91 -1.76 0.00 N | 43.91 -1.81 0.00 N | 50.33 -1.91 -3.15 N | 33.77 -1.33 -3.40 N | 60.02 -2.65 0.00 N | 72.45 -3.14 -0.39 N | 88.59 -3.83 -1.76 N | 49.97 -1.98 -3.20 N | 38.75 -1.50 -4.21 N | 34.87 -1.29 -4.12 N | 26.27 -0.73 -8.43 N | 37.80 -1.45 -3.64 N | 59.24 -2.65 -0.47 N | 85.13 -3.91 -0.07 N | 65.48 -2.88 0.00 N | 76.17 -3.16 0.00 N | 74.25 -3.08 0.00 N | 58.38 -2.50 -0.86 N | 43.47 -1.89 -0.23 N | 40.14 -1.71 0.00 N |
| SITHE___BATAVIA 24024 | 39.16 -2.01 -3.11 N | 34.11 -1.87 0.00 N | 58.09 -4.06 -3.00 N | 37.71 -1.97 -10.74 N | 42.46 -3.21 0.00 N | 42.65 -3.07 0.00 N | 52.57 -3.64 -7.12 N | 36.31 -3.06 -7.68 N | 56.00 -6.50 0.17 N | 51.32 -7.75 16.12 N | 53.25 -9.41 28.00 N | 45.86 -4.88 -1.99 N | 41.61 -3.70 -9.27 N | 38.37 -2.98 -9.31 N | 35.95 -1.66 -19.04 N | 40.81 -3.02 -8.23 N | 56.30 -6.17 -1.06 N | 80.92 -8.93 -0.87 N | 62.30 -6.06 0.00 N | 73.55 -5.77 0.00 N | 72.08 -5.25 0.00 N | 56.86 -5.10 -1.93 N | 41.97 -3.68 -0.52 N | 38.91 -2.94 0.00 N |
| SITHE___INDEPEND 23800 | 38.11 -1.34 -1.38 N | 34.76 -1.22 0.00 N | 58.25 -2.23 -1.33 N | 32.63 -1.06 -4.76 N | 43.91 -1.76 0.00 N | 43.91 -1.81 0.00 N | 50.33 -1.91 -3.15 N | 33.77 -1.33 -3.40 N | 60.02 -2.65 0.00 N | 72.45 -3.14 -0.39 N | 88.59 -3.83 -1.76 N | 49.97 -1.98 -3.20 N | 38.75 -1.50 -4.21 N | 34.87 -1.29 -4.12 N | 26.27 -0.73 -8.43 N | 37.80 -1.45 -3.64 N | 59.24 -2.65 -0.47 N | 85.13 -3.91 -0.07 N | 65.48 -2.88 0.00 N | 76.17 -3.16 0.00 N | 74.25 -3.08 0.00 N | 58.38 -2.50 -0.86 N | 43.47 -1.89 -0.23 N | 40.14 -1.71 0.00 N |
| SITHE___MASSENA 23902 | 36.89 -1.18 0.00 N | 34.80 -1.18 0.00 N | 57.57 -1.58 0.00 N | 28.23 -0.71 0.00 N | 44.57 -1.10 0.00 N | 44.73 -0.99 0.00 N | 47.76 -1.34 0.00 N | 31.27 -0.43 0.00 N | 61.77 -0.90 0.00 N | 74.03 -1.16 0.00 N | 89.18 -1.48 0.00 N | 47.42 -1.33 0.00 N | 35.34 -0.70 0.00 N | 31.51 -0.54 0.00 N | 18.27 -0.30 0.00 N | 34.95 -0.64 0.00 N | 60.80 -0.62 0.00 N | 88.38 -0.60 0.00 N | 67.56 -0.80 0.00 N | 77.89 -1.44 0.00 N | 75.13 -2.20 0.00 N | 58.85 -1.18 0.00 N | 44.28 -0.85 0.00 N | 41.53 -0.32 0.00 N |
| SITHE___OGDNSBRG 24021 | 37.32 -0.75 0.00 N | 35.17 -0.81 0.00 N | 58.23 -0.92 0.00 N | 28.55 -0.39 0.00 N | 45.08 -0.59 0.00 N | 45.26 -0.46 0.00 N | 48.23 -0.86 0.00 N | 31.71 0.01 0.00 N | 62.77 0.09 0.00 N | 75.36 0.17 0.00 N | 90.74 0.08 0.00 N | 48.24 -0.51 0.00 N | 36.00 -0.03 0.00 N | 32.13 0.08 0.00 N | 18.62 0.05 0.00 N | 35.59 -0.01 0.00 N | 61.93 0.50 0.00 N | 90.15 1.17 0.00 N | 68.93 0.58 0.00 N | 79.36 0.04 0.00 N | 76.26 -1.06 0.00 N | 59.88 -0.15 0.00 N | 44.99 -0.14 0.00 N | 42.19 0.35 0.00 N |
| SITHE___STERLING 23777 | 39.40 0.66 -0.68 N | 36.62 0.64 0.00 N | 60.65 0.84 -0.66 N | 31.73 0.44 -2.35 N | 46.28 0.61 0.00 N | 46.32 0.60 0.00 N | 51.39 0.75 -1.56 N | 33.80 0.42 -1.68 N | 63.65 0.98 0.00 N | 76.80 1.42 -0.19 N | 93.30 1.77 -0.87 N | 51.45 1.13 -1.58 N | 38.87 0.76 -2.07 N | 34.77 0.69 -2.03 N | 23.13 0.40 -4.16 N | 38.15 0.75 -1.80 N | 62.85 1.21 -0.23 N | 90.75 1.78 0.00 N | 69.85 1.49 0.00 N | 81.21 1.89 0.00 N | 79.01 1.69 0.00 N | 61.65 1.20 -0.42 N | 46.02 0.78 -0.11 N | 42.51 0.66 0.00 N |
| SOUTH CAIRO___GT 23612 | 66.19 3.26 -24.87 N | 38.98 3.00 0.00 N | 87.99 4.81 -24.03 N | 117.36 2.36 -86.07 N | 49.34 3.67 0.00 N | 49.37 3.64 0.00 N | 110.06 3.95 -57.01 N | 95.77 2.57 -61.50 N | 67.82 5.15 0.00 N | 88.54 6.52 -6.82 N | 130.20 7.82 -31.72 N | 111.01 4.41 -57.86 N | 115.31 3.18 -76.10 N | 109.44 2.82 -74.58 N | 172.69 1.60 -152.51 N | 104.66 3.14 -65.92 N | 75.30 5.42 -8.47 N | 96.16 7.27 0.08 N | 74.09 5.73 0.00 N | 86.31 6.99 0.00 N | 84.06 6.73 0.00 N | 80.42 5.25 -15.15 N | 53.11 3.89 -4.09 N | 45.25 3.41 0.00 N |
| SOUTH HAMPTN___IC 23720 | 66.44 6.17 -22.20 N | 42.77 6.79 0.00 N | 90.36 9.76 -21.45 N | 110.66 4.89 -76.82 N | 54.01 8.34 0.00 N | 54.08 8.36 0.00 N | 108.49 8.50 -50.89 N | 91.95 5.35 -54.90 N | 72.60 9.92 0.00 N | 93.50 12.23 -6.08 N | 133.12 14.15 -28.31 N | 108.29 7.89 -51.65 N | 110.12 6.16 -67.93 N | 104.03 5.42 -66.57 N | 157.78 3.07 -136.14 N | 100.76 6.32 -58.84 N | 80.35 11.38 -7.56 N | 124.34 16.47 -18.89 N | 81.16 12.80 0.00 N | 100.83 15.46 -6.04 N | 97.53 14.91 -5.29 N | 98.91 11.41 -27.47 N | 56.95 8.09 -3.73 N | 48.89 7.05 0.00 N |
| SOUTHOLD___IC 23719 | 68.42 8.16 -22.20 N | 44.80 8.82 0.00 N | 93.61 13.01 -21.45 N | 112.23 6.46 -76.82 N | 56.47 10.80 0.00 N | 56.65 10.93 0.00 N | 111.44 11.45 -50.89 N | 93.90 7.30 -54.90 N | 76.73 14.06 0.00 N | 98.79 17.51 -6.08 N | 139.43 20.45 -28.31 N | 111.66 11.26 -51.65 N | 112.54 8.58 -67.93 N | 106.18 7.56 -66.57 N | 159.04 4.33 -136.14 N | 103.24 8.80 -58.84 N | 84.87 15.89 -7.56 N | 131.55 23.68 -18.89 N | 86.57 18.21 0.00 N | 106.99 21.62 -6.04 N | 103.45 20.83 -5.29 N | 103.46 15.96 -27.47 N | 60.04 11.18 -3.73 N | 51.50 9.65 0.00 N |
| ST LAWRENCE___ 23600 | 36.81 -1.26 0.00 N | 34.71 -1.27 0.00 N | 57.45 -1.71 0.00 N | 28.14 -0.80 0.00 N | 44.45 -1.22 0.00 N | 44.61 -1.11 0.00 N | 47.67 -1.42 0.00 N | 31.07 -0.63 0.00 N | 61.34 -1.33 0.00 N | 73.40 -1.79 0.00 N | 88.42 -2.24 0.00 N | 47.23 -1.52 0.00 N | 35.21 -0.83 0.00 N | 31.36 -0.68 0.00 N | 18.18 -0.39 0.00 N | 34.80 -0.80 0.00 N | 60.25 -1.17 0.00 N | 87.57 -1.41 0.00 N | 66.94 -1.42 0.00 N | 77.21 -2.12 0.00 N | 74.97 -2.36 0.00 N | 58.61 -1.42 0.00 N | 44.12 -1.00 0.00 N | 41.16 -0.69 0.00 N |
| STATION 5_MISC_HYD 23604 | 39.59 -1.16 -2.68 N | 34.75 -1.23 0.00 N | 59.05 -2.69 -2.59 N | 36.88 -1.33 -9.27 N | 43.49 -2.18 0.00 N | 43.70 -2.02 0.00 N | 53.06 -2.18 -6.14 N | 36.54 -1.79 -6.63 N | 58.86 -3.75 0.06 N | 65.24 -4.50 5.45 N | 76.45 -5.91 8.30 N | 50.38 -2.67 -4.30 N | 42.09 -2.06 -8.11 N | 38.42 -1.65 -8.03 N | 34.08 -0.92 -16.43 N | 41.03 -1.67 -7.10 N | 58.86 -3.46 -0.91 N | 84.05 -5.47 -0.54 N | 64.86 -3.50 0.00 N | 76.54 -2.79 0.00 N | 74.63 -2.69 0.00 N | 58.83 -2.87 -1.67 N | 43.37 -2.21 -0.45 N | 39.93 -1.91 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|-----------------------------|------------------------------|--------------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| STEEL___WIND 323596 | 39.11 -2.59 -3.63 N | 33.70 -2.28 0.00 N | 58.06 -4.60 -3.51 N | 39.22 -2.28 -12.56 N | 41.98 -3.70 0.00 N | 42.08 -3.64 0.00 N | 53.52 -3.89 -8.32 N | 37.40 -3.28 -8.97 N | 55.48 -6.91 0.28 N | 38.68 -8.19 28.32 N | 31.91 -9.92 48.83 N | 43.83 -4.88 0.04 N | 42.96 -3.80 -10.73 N | 39.85 -3.08 -10.88 N | 39.12 -1.70 -22.25 N | 42.14 -3.08 -9.62 N | 56.31 -6.35 -1.23 N | 74.92 -9.36 4.69 N | 61.94 -6.42 0.00 N | 73.38 -5.95 0.00 N | 71.85 -5.47 0.00 N | 57.11 -5.17 -2.26 N | 41.99 -3.74 -0.61 N | 38.72 -3.13 0.00 N |
| STEBUBEN_REC_LFGE 323667 | 42.88 0.05 -4.76 N | 36.18 0.20 0.00 N | 63.20 -0.55 -4.60 N | 45.19 -0.22 -16.47 N | 45.18 -0.49 0.00 N | 45.11 -0.61 0.00 N | 59.93 -0.07 -10.91 N | 42.97 -0.50 -11.77 N | 62.07 -0.87 -0.27 N | 103.47 -0.39 -28.66 N | 147.14 -0.75 -57.23 N | 68.36 0.17 -19.45 N | 50.88 -0.08 -14.92 N | 46.45 0.14 -14.27 N | 47.88 0.13 -29.18 N | 48.62 0.40 -12.61 N | 63.13 0.08 -1.62 N | 89.01 0.25 0.21 N | 69.22 0.86 0.00 N | 81.51 2.18 0.00 N | 79.35 2.03 0.00 N | 63.70 0.71 -2.96 N | 46.29 0.36 -0.80 N | 42.20 0.35 0.00 N |
| STONY___BROOK 24151 | 64.26 4.00 -22.20 N | 40.70 4.72 0.00 N | 87.26 6.65 -21.45 N | 109.09 3.33 -76.82 N | 51.47 5.80 0.00 N | 51.41 5.69 0.00 N | 105.60 5.61 -50.89 N | 90.06 3.46 -54.90 N | 68.96 6.29 0.00 N | 88.81 7.53 -6.08 N | 127.55 8.57 -28.31 N | 105.39 4.99 -51.65 N | 108.11 4.14 -67.93 N | 102.29 3.67 -66.57 N | 156.77 2.06 -136.14 N | 98.79 4.35 -58.84 N | 76.68 7.70 -7.56 N | 117.61 9.74 -18.89 N | 75.86 7.50 0.00 N | 94.81 9.45 -6.04 N | 92.40 9.78 -5.29 N | 95.12 7.62 -27.47 N | 54.31 5.45 -3.73 N | 46.60 4.76 0.00 N |
| STURGEON_POOL_HYD 23609 | 65.41 4.51 -22.83 N | 40.23 4.25 0.00 N | 87.98 6.77 -22.06 N | 111.26 3.29 -79.04 N | 50.88 5.21 0.00 N | 50.95 5.23 0.00 N | 107.20 5.75 -52.36 N | 91.83 3.65 -56.48 N | 70.04 7.37 0.00 N | 90.71 9.26 -6.26 N | 130.86 11.07 -29.13 N | 108.11 6.23 -53.14 N | 110.45 4.53 -69.88 N | 104.52 3.99 -68.49 N | 160.89 2.26 -140.06 N | 100.65 4.51 -60.53 N | 77.12 7.93 -7.78 N | 99.76 10.87 0.09 N | 76.70 8.34 0.00 N | 89.31 9.99 0.00 N | 86.93 9.61 0.00 N | 81.60 7.45 -14.12 N | 54.37 5.42 -3.82 N | 46.64 4.79 0.00 N |
| SYNERGY___BIOGAS 323694 | 39.16 -2.01 -3.11 N | 34.11 -1.87 0.00 N | 58.09 -4.06 -3.00 N | 37.71 -1.97 -10.74 N | 42.46 -3.21 0.00 N | 42.65 -3.07 0.00 N | 52.57 -3.64 -7.12 N | 36.31 -3.06 -7.68 N | 56.00 -6.50 0.17 N | 51.32 -7.75 16.12 N | 53.25 -9.41 28.00 N | 45.86 -4.88 -1.99 N | 41.61 -3.70 -9.27 N | 38.37 -1.66 -9.31 N | 35.95 -1.66 -19.04 N | 40.81 -3.02 -8.23 N | 56.30 -6.17 -1.06 N | 80.92 -8.93 -0.87 N | 62.30 -6.06 0.00 N | 73.55 -5.77 0.00 N | 72.08 -5.25 0.00 N | 56.86 -5.10 -1.93 N | 41.97 -3.68 -0.52 N | 38.91 -2.94 0.00 N |
| SYRACUSE___ENERGY_ST1 323597 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N |
| SYRACUSE___ENERGY_ST2 323598 | 39.87 -0.36 -2.16 N | 35.68 -0.30 0.00 N | 60.48 -0.76 -2.09 N | 36.08 -0.34 -7.48 N | 45.05 -0.62 0.00 N | 45.09 -0.63 0.00 N | 53.48 -0.57 -4.96 N | 36.56 -0.49 -5.35 N | 61.77 -0.89 0.00 N | 74.91 -0.90 -0.61 N | 92.28 -1.14 -2.77 N | 53.28 -0.50 -5.03 N | 42.20 -0.45 -6.61 N | 38.17 -0.36 -6.48 N | 31.62 -0.20 -13.26 N | 40.92 -0.41 -5.73 N | 61.30 -0.85 -0.74 N | 87.80 -1.24 -0.07 N | 67.61 -0.75 0.00 N | 78.71 -0.61 0.00 N | 76.66 -0.67 0.00 N | 60.64 -0.73 -1.34 N | 44.85 -0.64 -0.36 N | 41.26 -0.59 0.00 N |
| SYRACUSE___POWER 24017 | 39.96 -0.25 -2.14 N | 35.78 -0.20 0.00 N | 60.62 -0.60 -2.07 N | 36.07 -0.27 -7.41 N | 45.17 -0.50 0.00 N | 45.19 -0.53 0.00 N | 53.55 -0.45 -4.91 N | 36.61 -0.39 -5.29 N | 61.99 -0.68 0.00 N | 75.15 -0.63 -0.59 N | 92.60 -0.79 -2.73 N | 53.43 -0.30 -4.98 N | 42.29 -0.30 -6.55 N | 38.24 -0.23 -6.42 N | 31.57 -0.13 -13.13 N | 41.00 -0.27 -5.67 N | 61.55 -0.60 -0.73 N | 88.09 -0.89 0.00 N | 67.89 -0.47 0.00 N | 79.05 -0.27 0.00 N | 76.97 -0.36 0.00 N | 60.87 -0.49 -1.33 N | 45.01 -0.47 -0.36 N | 41.38 -0.46 0.00 N |
| TRIGEN___CC 323695 | 63.46 3.19 -22.20 N | 39.56 3.58 0.00 N | 85.67 5.07 -21.45 N | 108.29 2.52 -76.82 N | 50.00 4.33 0.00 N | 49.87 4.15 0.00 N | 104.16 4.18 -50.89 N | 89.20 2.60 -54.90 N | 67.57 4.90 0.00 N | 87.22 5.94 -6.08 N | 125.74 6.77 -28.31 N | 104.46 4.06 -51.65 N | 107.30 3.34 -67.93 N | 101.61 3.00 -66.57 N | 156.38 1.67 -136.14 N | 97.98 3.54 -58.84 N | 75.25 6.27 -7.56 N | 116.07 8.20 -18.89 N | 74.69 6.33 0.00 N | 93.19 7.82 -6.04 N | 90.28 7.66 -5.29 N | 93.59 6.10 -27.47 N | 53.22 4.36 -3.73 N | 45.54 3.69 0.00 N |
| UNION___PROCESSING_DRP 323587 | 39.16 -1.60 -2.70 N | 34.49 -1.48 0.00 N | 58.72 -3.04 -2.61 N | 36.78 -1.50 -9.34 N | 43.24 -2.44 0.00 N | 43.41 -2.31 0.00 N | 52.76 -2.53 -6.19 N | 36.35 -2.02 -6.68 N | 58.43 -4.18 0.06 N | 64.79 -4.96 5.45 N | 76.24 -6.14 8.28 N | 49.98 -3.12 -4.35 N | 41.84 -2.38 -8.18 N | 38.21 -1.93 -8.10 N | 34.06 -1.08 -16.56 N | 40.77 -1.99 -7.16 N | 58.35 -3.99 -0.92 N | 83.75 -5.77 -0.54 N | 64.46 -3.90 0.00 N | 75.63 -3.70 0.00 N | 73.87 -3.46 0.00 N | 58.33 -3.38 -1.68 N | 43.04 -2.54 -0.45 N | 39.65 -2.20 0.00 N |
| UPPER HUDSON___HYD 24058 | 70.07 2.82 -29.18 N | 38.45 2.47 0.00 N | 90.96 3.61 -28.20 N | 132.09 2.14 -101.00 N | 48.95 3.28 0.00 N | 48.85 3.13 0.00 N | 119.55 3.55 -66.91 N | 106.27 2.39 -72.18 N | 67.80 5.13 0.00 N | 90.03 6.82 -8.01 N | 136.36 8.47 -37.23 N | 121.06 4.41 -67.90 N | 128.66 3.32 -89.30 N | 122.57 3.00 -87.53 N | 199.27 1.72 -178.98 N | 116.07 3.12 -77.36 N | 76.53 5.17 -9.94 N | 95.84 6.94 0.07 N | 73.77 5.42 0.00 N | 85.86 6.53 0.00 N | 83.93 6.60 0.00 N | 83.45 5.25 -18.18 N | 53.68 3.64 -4.92 N | 45.25 3.40 0.00 N |
| UPPER RAQUET___HYD 24056 | 36.67 -1.40 0.00 N | 34.56 -1.42 0.00 N | 57.17 -1.99 0.00 N | 28.08 -0.86 0.00 N | 44.30 -1.37 0.00 N | 44.41 -1.31 0.00 N | 46.93 -2.16 0.00 N | 30.91 -0.79 0.00 N | 61.16 -1.51 0.00 N | 73.69 -1.50 0.00 N | 88.73 -1.93 0.00 N | 47.53 -1.22 0.00 N | 35.36 -0.68 0.00 N | 31.66 -0.38 0.00 N | 18.36 -0.21 0.00 N | 34.99 -0.61 0.00 N | 60.49 -0.93 0.00 N | 87.89 -1.09 0.00 N | 67.24 -1.12 0.00 N | 77.47 -1.85 0.00 N | 74.34 -2.99 0.00 N | 58.87 -1.16 0.00 N | 44.19 -0.93 0.00 N | 41.38 -0.47 0.00 N |
| VISCHER___FERRY HYD 24020 | 70.02 3.30 -28.65 N | 39.01 3.03 0.00 N | 91.84 5.00 -27.68 N | 130.69 2.59 -99.15 N | 49.57 3.90 0.00 N | 49.59 3.87 0.00 N | 119.08 4.31 -65.68 N | 105.34 2.79 -70.85 N | 68.21 5.54 0.00 N | 90.05 7.00 -7.86 N | 135.64 8.43 -36.55 N | 119.93 4.52 -66.66 N | 127.06 3.36 -87.67 N | 120.95 2.99 -85.92 N | 196.01 1.74 -175.70 N | 114.79 3.25 -75.94 N | 76.61 5.43 -9.76 N | 96.35 7.44 0.07 N | 74.15 5.79 0.00 N | 86.23 6.90 0.00 N | 84.09 6.76 0.00 N | 83.23 5.34 -17.85 N | 54.01 4.06 -4.83 N | 45.49 3.64 0.00 N |
| WADING RIVER_IC_1 23522 | 63.18 2.92 -22.20 N | 40.11 4.13 0.00 N | 86.30 5.70 -21.45 N | 108.69 2.92 -76.82 N | 50.92 5.24 0.00 N | 50.94 5.22 0.00 N | 104.84 4.85 -50.89 N | 89.46 2.86 -54.90 N | 67.09 4.42 0.00 N | 86.43 5.15 -6.08 N | 124.64 5.67 -28.31 N | 103.79 3.39 -51.65 N | 106.94 2.98 -67.93 N | 101.25 2.63 -66.57 N | 156.17 1.46 -136.14 N | 97.64 3.20 -58.84 N | 74.75 5.77 -7.56 N | 115.35 7.48 -18.89 N | 74.14 5.78 0.00 N | 92.72 7.36 -6.04 N | 89.96 7.34 -5.29 N | 93.20 5.70 -27.47 N | 52.92 4.05 -3.73 N | 45.47 3.63 0.00 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 | 63.18 2.92 -22.20 N | 40.11 4.13 0.00 N | 86.30 5.70 -21.45 N | 108.69 2.92 -76.82 N | 50.92 5.24 0.00 N | 50.94 5.22 0.00 N | 104.84 4.85 -50.89 N | 89.46 2.86 -54.90 N | 67.09 4.42 0.00 N | 86.43 5.15 -6.08 N | 124.64 5.67 -28.31 N | 103.79 3.39 -51.65 N | 106.94 2.98 -67.93 N | 101.25 2.63 -66.57 N | 156.17 1.46 -136.14 N | 97.64 3.20 -58.84 N | 74.75 5.77 -7.56 N | 115.35 7.48 -18.89 N | 74.14 5.78 0.00 N | 92.72 7.36 -6.04 N | 89.96 7.34 -5.29 N | 93.20 5.70 -27.47 N | 52.92 4.05 -3.73 N | 45.47 3.63 0.00 N | |
| WADING RIVER_IC_3 23601 | 63.18 2.92 -22.20 N | 40.11 4.13 0.00 N | 86.30 5.70 -21.45 N | 108.69 2.92 -76.82 N | 50.92 5.24 0.00 N | 50.94 5.22 0.00 N | 104.84 4.85 -50.89 N | 89.46 2.86 -54.90 N | 67.09 4.42 0.00 N | 86.43 5.15 -6.08 N | 124.64 5.67 -28.31 N | 103.79 3.39 -51.65 N | 106.94 2.98 -67.93 N | 101.25 2.63 -66.57 N | 156.17 1.46 -136.14 N | 97.64 3.20 -58.84 N | 74.75 5.77 -7.56 N | 115.35 7.48 -18.89 N | 74.14 5.78 0.00 N | 92.72 7.36 -6.04 N | 89.96 7.34 -5.29 N | 93.20 5.70 -27.47 N | 52.92 4.05 -3.73 N | 45.47 3.63 0.00 N | |
| WALDEN___HYDRO 24148 | 62.84 3.06 -21.71 N | 38.89 2.91 0.00 N | 84.72 4.58 -20.98 N | 106.33 2.23 -75.16 N | 49.21 3.54 0.00 N | 49.22 3.50 0.00 N | 102.66 3.79 -49.78 N | 87.80 2.39 -53.70 N | 67.38 4.72 0.00 N | 87.11 5.97 -5.95 N | 125.39 7.03 -27.70 N | 103.32 4.05 -50.52 N | 105.45 2.96 -66.45 N | 99.80 2.63 -65.13 N | 153.23 1.48 -133.18 N | 96.17 3.01 -57.56 N | 74.11 5.29 -7.40 N | 95.83 6.95 0.09 N | 73.74 5.38 0.00 N | 85.98 6.65 0.00 N | 83.75 6.42 0.00 N | 78.62 5.10 -13.49 N | 52.43 3.66 -3.65 N | 45.03 3.18 0.00 N | |
| WARRENSBURG___ 23737 | 70.19 2.94 -29.18 N | 38.57 2.59 0.00 N | 91.15 3.80 -28.20 N | 132.20 2.25 -101.00 N | 49.14 3.46 0.00 N | 49.03 3.32 0.00 N | 119.75 3.75 -66.91 N | 106.41 2.54 -72.18 N | 68.11 5.44 0.00 N | 90.44 7.23 -8.01 N | 136.83 8.94 -37.23 N | 121.31 4.65 -67.90 N | 128.84 3.50 -89.30 N | 122.72 3.15 -87.53 N | 199.35 1.80 -178.98 N | 116.23 3.27 -77.36 N | 76.81 5.45 -9.94 N | 96.27 7.37 0.07 N | 74.07 5.71 0.00 N | 86.19 6.86 0.00 N | 84.30 6.97 0.00 N | 83.73 5.52 -18.18 N | 53.88 3.83 -4.92 N | 45.44 3.59 0.00 N | |
| WATERSIDE___6 8 9 23538 | 54.41 3.71 -12.63 N | 43.41 3.59 -3.84 N | 84.38 5.58 -19.65 N | 99.26 2.69 -67.63 N | 50.02 4.35 0.00 N | 50.03 4.30 -0.01 N | 104.56 4.57 -50.89 N | 89.47 2.87 -54.89 N | 68.37 5.69 -0.01 N | 84.30 7.23 -1.87 N | 98.80 8.31 0.17 N | 61.15 4.83 -7.57 N | 56.42 3.59 -16.79 N | 49.65 3.22 -14.39 N | 74.73 1.77 -54.38 N | 62.57 3.69 -23.28 N | 21.86 6.59 46.15 N | 104.79 8.58 -7.24 N | 88.71 6.61 -13.74 N | 175.32 8.09 -87.91 N | 219.80 7.76 -134.71 N | 160.19 6.19 -93.97 N | 54.75 4.42 -5.21 N | 45.67 3.83 0.00 N | |
| WDELAWARE___HYD 323627 | 60.84 3.53 -19.24 N | 39.38 3.40 0.00 N | 83.16 5.42 -18.59 N | 98.18 2.65 -66.59 N | 49.86 4.18 0.00 N | 49.91 4.19 0.00 N | 97.87 4.67 -44.11 N | 82.24 2.95 -47.59 N | 68.65 5.99 0.00 N | 87.99 7.53 -5.27 N | 124.13 8.93 -24.54 N | 98.56 5.05 -44.77 N | 98.54 3.62 -58.88 N | 92.94 3.20 -57.71 N | 138.39 1.82 -118.01 N | 90.22 3.61 -51.00 N | 74.32 6.35 -6.55 N | 97.75 8.87 0.10 N | 75.27 6.91 0.00 N | 87.65 8.33 0.00 N | 85.30 7.97 0.00 N | 78.09 6.12 -11.94 N | 52.74 4.39 -3.23 N | 45.71 3.86 0.00 N | |
| WEST BABYLON___IC 23714 | 64.21 3.95 -22.20 N | 40.40 4.42 0.00 N | 86.90 6.30 -21.45 N | 108.90 3.13 -76.82 N | 51.03 5.36 0.00 N | 50.88 5.16 0.00 N | 105.18 5.19 -50.89 N | 89.81 3.21 -54.90 N | 68.61 5.93 0.00 N | 88.36 7.08 -6.08 N | 127.05 8.08 -28.31 N | 105.18 4.79 -51.65 N | 108.03 4.06 -67.93 N | 102.21 3.59 -66.57 N | 156.71 2.01 -136.14 N | 98.63 4.19 -58.84 N | 76.39 7.41 -7.56 N | 117.72 9.85 -18.89 N | 75.97 7.61 0.00 N | 94.97 9.60 -6.04 N | 92.04 9.42 -5.29 N | 94.89 7.39 -27.47 N | 54.22 5.36 -3.73 N | 46.42 4.57 0.00 N | |
| WEST CANADA___HYD 24049 | 37.79 0.26 0.54 N | 36.26 0.28 0.00 N | 59.09 0.46 0.52 N | 27.30 0.23 1.87 N | 45.99 0.32 0.00 N | 46.02 0.30 0.00 N | 48.19 0.34 1.24 N | 30.53 0.17 1.34 N | 62.98 0.31 0.00 N | 75.49 0.45 0.15 N | 90.54 0.57 0.69 N | 47.89 0.40 1.26 N | 34.64 0.26 1.66 N | 30.65 0.23 1.62 N | 15.38 0.13 3.32 N | 34.41 0.25 1.43 N | 61.58 0.35 0.18 N | 89.42 0.45 0.00 N | 68.71 0.36 0.00 N | 79.80 0.48 0.00 N | 77.81 0.49 0.00 N | 60.13 0.43 0.34 N | 45.36 0.32 0.09 N | 42.12 0.27 0.00 N | |
| WESTERN_NY_WIND 24143 | 39.15 -2.06 -3.14 N | 34.06 -1.92 0.00 N | 58.05 -4.14 -3.04 N | 37.80 -2.02 -10.88 N | 42.40 -3.27 0.00 N | 42.59 -3.13 0.00 N | 52.57 -3.73 -7.21 N | 36.34 -3.14 -7.77 N | 55.83 -6.66 0.18 N | 50.09 -7.94 17.17 N | 51.08 -9.64 29.94 N | 45.51 -5.00 -1.76 N | 41.63 -3.79 -9.38 N | 38.42 -3.05 -9.43 N | 36.16 -1.70 -19.28 N | 40.84 -3.10 -8.33 N | 56.18 -6.31 -1.07 N | 80.73 -9.16 -0.90 N | 62.12 -6.24 0.00 N | 73.38 -5.95 0.00 N | 71.92 -5.40 0.00 N | 56.75 -5.24 -1.96 N | 41.90 -3.76 -0.53 N | 38.84 -3.01 0.00 N | |
| WESTOVER___LESR 323668 | 45.48 0.25 -7.16 N | 36.37 0.39 0.00 N | 66.59 0.52 -6.92 N | 53.96 0.24 -24.78 N | 45.98 0.31 0.00 N | 45.93 0.21 0.00 N | 66.12 0.61 -16.42 N | 49.50 0.09 -17.71 N | 63.07 0.34 -0.05 N | 83.17 0.74 -7.24 N | 110.56 0.76 -19.14 N | 67.95 0.88 -18.32 N | 58.46 0.44 -21.98 N | 53.95 0.43 -21.48 N | 62.74 0.25 -43.92 N | 55.13 0.54 -18.98 N | 64.44 0.58 -2.44 N | 88.95 0.53 0.56 N | 69.04 0.67 0.00 N | 80.84 1.51 0.00 N | 78.71 1.38 0.00 N | 65.33 0.85 -4.46 N | 46.81 0.48 -1.20 N | 42.26 0.42 0.00 N | |
| WETHRSFD_WT_PWR 323626 | 40.01 -2.13 -4.07 N | 34.12 -1.86 0.00 N | 59.32 -3.78 -3.94 N | 41.13 -1.91 -14.10 N | 42.55 -3.13 0.00 N | 42.60 -3.12 0.00 N | 55.27 -3.16 -9.34 N | 39.07 -2.71 -10.08 N | 56.42 -5.53 0.71 N | -1.67 -6.42 70.44 N | -45.91 -7.88 128.69 N | 32.78 -3.70 12.28 N | 44.64 -2.91 -11.51 N | 41.94 -2.32 -12.22 N | 42.31 -1.26 -24.99 N | 44.21 -2.19 -10.80 N | 58.23 -4.57 -1.39 N | 82.87 -6.77 -0.67 N | 63.85 -4.51 0.00 N | 75.48 -3.84 0.00 N | 73.72 -3.61 0.00 N | 58.90 -3.67 -2.54 N | 43.09 -2.73 -0.68 N | 39.58 -2.27 0.00 N | |
| YORK___WARBASSE 23770 | 103.43 3.82 -61.54 N | 45.26 3.70 -5.58 N | 91.92 5.77 -27.00 N | 136.95 2.83 -105.18 N | 50.23 4.55 0.00 N | 50.26 4.54 -0.01 N | 104.82 4.83 -50.89 N | 89.63 3.03 -54.89 N | 68.70 6.02 -0.01 N | 101.91 7.64 -19.08 N | 215.73 8.85 -116.22 N | 241.56 5.15 -187.67 N | 265.60 3.83 -225.73 N | 268.45 3.44 -232.98 N | 408.87 1.90 -388.40 N | 210.76 3.92 -171.23 N | 241.70 6.94 -173.33 N | 174.69 9.12 -76.59 N | 265.63 7.04 -190.23 N | 271.09 8.60 -183.16 N | 251.08 8.28 -165.47 N | 160.54 6.54 -93.98 N | 55.06 4.72 -5.21 N | 45.98 4.14 0.00 N | |