

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

01/10/2010

| Name | PTID | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|-------------------------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|--------|-------|-------|
| 59TH STREET_GT_1 24138 | EST | 76.23 | 66.82 | 57.26 | 43.56 | 34.29 | 73.85 | 61.25 | 44.07 | 56.34 | 81.92 | 110.37 | 87.78 | 66.72 | 60.83 | 48.74 | 33.65 | 38.55 | 64.52 | 82.89 | 70.85 | 70.19 | 63.29 | 59.76 | 54.43 |
| | 5.31 | 5.41 | 3.01 | 3.42 | 2.73 | 6.25 | 5.43 | 4.11 | 5.64 | 8.20 | 11.19 | 7.76 | 6.88 | 5.78 | 4.98 | 3.48 | 3.12 | 6.36 | 6.39 | 8.04 | 7.87 | 6.78 | 3.24 | 5.21 | |
| | -12.33 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.17 | -0.10 | -0.14 | -2.33 | -2.69 | -11.54 | -0.15 | -4.24 | 0.00 | 0.00 | -8.96 | -5.98 | -24.48 | 0.00 | 0.00 | -2.73 | -29.02 | 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 | |
| 74TH STREET_GT_1 24260 | EST | 76.25 | 66.84 | 57.27 | 43.57 | 34.30 | 73.86 | 61.26 | 44.08 | 56.36 | 81.95 | 110.41 | 87.83 | 66.75 | 60.85 | 48.75 | 33.67 | 38.56 | 64.52 | 82.90 | 70.88 | 70.23 | 63.33 | 59.77 | 54.46 |
| | 5.32 | 5.43 | 3.02 | 3.43 | 2.74 | 6.26 | 5.44 | 4.11 | 5.65 | 8.22 | 11.22 | 7.81 | 6.92 | 5.79 | 4.99 | 3.50 | 3.12 | 6.36 | 6.40 | 8.07 | 7.91 | 6.81 | 3.25 | 5.24 | |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.17 | -0.10 | -0.14 | -2.33 | -2.69 | -11.54 | -0.15 | -4.24 | 0.00 | 0.00 | -8.96 | -5.98 | -24.48 | 0.00 | 0.00 | -2.73 | -29.02 | 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 | |
| 74TH STREET_GT_2 24261 | EST | 76.25 | 66.84 | 57.27 | 43.57 | 34.30 | 73.86 | 61.26 | 44.08 | 56.36 | 81.95 | 110.41 | 87.83 | 66.75 | 60.85 | 48.75 | 33.67 | 38.56 | 64.52 | 82.90 | 70.88 | 70.23 | 63.33 | 59.77 | 54.46 |
| | 5.32 | 5.43 | 3.02 | 3.43 | 2.74 | 6.26 | 5.44 | 4.11 | 5.65 | 8.22 | 11.22 | 7.81 | 6.92 | 5.79 | 4.99 | 3.50 | 3.12 | 6.36 | 6.40 | 8.07 | 7.91 | 6.81 | 3.25 | 5.24 | |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.17 | -0.10 | -0.14 | -2.33 | -2.69 | -11.54 | -0.15 | -4.24 | 0.00 | 0.00 | -8.96 | -5.98 | -24.48 | 0.00 | 0.00 | -2.73 | -29.02 | 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 | |
| ADK HUDSON___FALLS 24011 | EST | 80.31 | 67.39 | 63.57 | 43.76 | 34.54 | 74.73 | 61.93 | 43.67 | 55.51 | 81.08 | 109.55 | 90.05 | 65.59 | 60.77 | 47.67 | 32.77 | 40.23 | 64.28 | 88.37 | 68.22 | 67.99 | 62.31 | 67.95 | 53.48 |
| | 5.59 | 5.98 | 3.48 | 3.62 | 2.98 | 7.13 | 5.45 | 3.68 | 4.77 | 6.64 | 9.53 | 6.48 | 5.71 | 4.41 | 3.91 | 2.61 | 2.03 | 4.29 | 4.33 | 5.40 | 5.67 | 4.96 | 2.50 | 4.26 | |
| | -16.13 | 0.00 | -24.82 | 0.00 | 0.00 | 0.00 | -2.84 | -0.13 | -0.18 | -3.05 | -3.51 | -15.09 | -0.20 | -5.55 | 0.00 | -0.01 | -11.72 | -7.82 | -32.02 | 0.00 | 0.00 | -3.57 | -37.95 | 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 | |
| ADK RESOURCE___RCVRY 23798 | EST | 80.39 | 67.78 | 63.44 | 43.88 | 34.65 | 75.18 | 62.37 | 44.06 | 55.91 | 81.63 | 110.26 | 90.62 | 66.15 | 61.54 | 48.37 | 33.33 | 40.56 | 64.93 | 88.48 | 68.90 | 68.61 | 62.93 | 67.73 | 54.35 |
| | 5.96 | 6.38 | 3.81 | 3.74 | 3.09 | 7.58 | 5.93 | 4.07 | 5.17 | 7.24 | 10.31 | 7.33 | 6.27 | 5.28 | 4.61 | 3.16 | 2.58 | 5.07 | 5.03 | 6.09 | 6.29 | 5.64 | 2.97 | 5.13 | |
| | -15.84 | 0.00 | -24.37 | 0.00 | 0.00 | 0.00 | -2.79 | -0.12 | -0.18 | -3.00 | -3.45 | -14.82 | -0.20 | -5.45 | 0.00 | -0.01 | -11.50 | -7.68 | -31.44 | 0.00 | 0.00 | -3.51 | -37.26 | 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 | |
| ADK S GLENS___FALLS 24028 | EST | 80.31 | 67.39 | 63.57 | 43.76 | 34.54 | 74.73 | 61.93 | 43.67 | 55.51 | 81.08 | 109.55 | 90.05 | 65.59 | 60.77 | 47.67 | 32.77 | 40.23 | 64.28 | 88.37 | 68.22 | 67.99 | 62.31 | 67.95 | 53.48 |
| | 5.59 | 5.98 | 3.48 | 3.62 | 2.98 | 7.13 | 5.45 | 3.68 | 4.77 | 6.64 | 9.53 | 6.48 | 5.71 | 4.41 | 3.91 | 2.61 | 2.03 | 4.29 | 4.33 | 5.40 | 5.67 | 4.96 | 2.50 | 4.26 | |
| | -16.13 | 0.00 | -24.82 | 0.00 | 0.00 | 0.00 | -2.84 | -0.13 | -0.18 | -3.05 | -3.51 | -15.09 | -0.20 | -5.55 | 0.00 | -0.01 | -11.72 | -7.82 | -32.02 | 0.00 | 0.00 | -3.57 | -37.95 | 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 | |
| ADK_NYS___DAM 23527 | EST | 78.66 | 66.00 | 62.22 | 42.88 | 33.85 | 73.15 | 60.97 | 43.29 | 54.85 | 80.12 | 107.92 | 88.95 | 64.88 | 60.68 | 47.66 | 32.78 | 40.13 | 64.23 | 87.64 | 68.13 | 67.64 | 61.94 | 66.89 | 53.36 |
| | 4.36 | 4.59 | 2.78 | 2.74 | 2.29 | 5.55 | 4.56 | 3.30 | 4.11 | 5.75 | 8.00 | 15.77 | 5.00 | 4.46 | 3.90 | 2.61 | 2.24 | 4.43 | 5.32 | 5.32 | 4.68 | 2.43 | 4.14 | | |
| | -15.71 | 0.00 | -24.18 | 0.00 | 0.00 | 0.00 | -2.77 | -0.12 | -0.18 | -2.97 | -3.42 | -14.70 | -0.20 | -5.41 | 0.00 | -0.01 | -11.41 | -7.61 | -31.19 | 0.00 | 0.00 | -3.48 | -36.97 | 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 | |
| AIR_PRODUCTS___DRP 24190 | EST | 77.50 | 64.65 | 61.46 | 42.16 | 33.24 | 71.56 | 59.77 | 42.44 | 53.56 | 78.21 | 105.13 | 86.95 | 63.18 | 59.15 | 46.26 | 31.71 | 39.27 | 62.41 | 85.89 | 65.92 | 65.45 | 60.06 | 66.02 | 51.77 |
| | 3.12 | 3.24 | 1.91 | 2.02 | 1.68 | 3.96 | 3.35 | 2.45 | 2.82 | 3.83 | 5.19 | 3.71 | 3.30 | 2.91 | 2.50 | 1.54 | 1.33 | 2.58 | 2.54 | 3.10 | 3.13 | 2.78 | 1.39 | 2.55 | |
| | -15.78 | 0.00 | -24.28 | 0.00 | 0.00 | 0.00 | -2.78 | -0.12 | -0.18 | -2.99 | -3.44 | -14.77 | -0.20 | -5.43 | 0.00 | -0.01 | -11.46 | -7.65 | -31.32 | 0.00 | 0.00 | -3.50 | -37.13 | 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 | |
| ALBANY___1 23571 | EST | 77.50 | 64.65 | 61.46 | 42.16 | 33.24 | 71.56 | 59.77 | 42.44 | 53.56 | 78.21 | 105.13 | 86.95 | 63.18 | 59.15 | 46.26 | 31.71 | 39.27 | 62.41 | 85.89 | 65.92 | 65.45 | 60.06 | 66.02 | 51.77 |
| | 3.12 | 3.24 | 1.91 | 2.02 | 1.68 | 3.96 | 3.35 | 2.45 | 2.82 | 3.83 | 5.19 | 3.71 | 3.30 | 2.91 | 2.50 | 1.54 | 1.33 | 2.58 | 2.54 | 3.10 | 3.13 | 2.78 | 1.39 | 2.55 | |
| | -15.78 | 0.00 | -24.28 | 0.00 | 0.00 | 0.00 | -2.78 | -0.12 | -0.18 | -2.99 | -3.44 | -14.77 | -0.20 | -5.43 | 0.00 | -0.01 | -11.46 | -7.65 | -31.32 | 0.00 | 0.00 | -3.50 | -37.13 | 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 | |
| ALBANY___2 23572 | EST | 77.50 | 64.65 | 61.46 | 42.16 | 33.24 | 71.56 | 59.77 | 42.44 | 53.56 | 78.21 | 105.13 | 86.95 | 63.18 | 59.15 | 46.26 | 31.71 | 39.27 | 62.41 | 85.89 | 65.92 | 65.45 | 60.06 | 66.02 | 51.77 |
| | 3.12 | 3.24 | 1.91 | 2.02 | 1.68 | 3.96 | 3.35 | 2.45 | 2.82 | 3.83 | 5.19 | 3.71 | 3.30 | 2.91 | 2.50 | 1.54 | 1.33 | 2.58 | 2.54 | 3.10 | 3.13 | 2.78 | 1.39 | 2.55 | |
| | -15.78 | 0.00 | -24.28 | 0.00 | 0.00 | 0.00 | -2.78 | -0.12 | -0.18 | -2.99 | -3.44 | -14.77 | -0.20 | -5.43 | 0.00 | -0.01 | -11.46 | -7.65 | -31.32 | 0.00 | 0.00 | -3.50 | -37.13 | 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 | |
| ALBANY___3 | EST | 77.50 | 64.65 | 61.46 | 42.16 | 33.24 | 71.56 | 59.77 | 42.44 | 53.56 | 78.21 | 105.13 | 86.95 | 63.18 | 59.15 | 46.26 | 31.71 | 39.27 | 62.41 | 85.89 | 65.92 | 65.45 | 60.06 | 66.02 | 51.77 |
| | 3.12 | 3.24 | 1.91 | 2.02 | 1.68 | 3.96 | 3.35 | 2.45 | 2.82 | 3.83 | 5.19 | 3.71 | 3.30 | 2.91 | 2.50 | 1.54 | 1.33 | 2.58 | 2.54 | 3.10 | 3.13 | 2.78 | 1.39 | 2.55 | |
| | -15.78 | 0.00 | -24.28 | 0.00 | 0.00 | 0.00 | -2.78 | -0.12 | -0.18 | -2.99 | -3.44 | -14.77 | -0.20 | -5.43 | 0.00 | -0.01 | -11.46 | -7.65 | -31.32 | 0.00 | 0.00 | -3.50 | -37.13 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| 23573 | 3.12 -15.78 N | 3.24 0.00 N | 1.91 -24.28 N | 2.02 0.00 N | 1.68 0.00 N | 3.96 0.00 N | 3.35 -2.78 N | 2.45 -0.12 N | 2.82 -0.18 N | 3.83 -2.99 N | 5.19 -3.44 N | 3.71 -14.77 N | 3.30 -0.20 N | 2.91 -5.43 N | 2.50 0.00 N | 1.54 -0.01 N | 1.33 -11.46 N | 2.58 -7.65 N | 2.54 -31.32 N | 3.10 0.00 N | 3.13 0.00 N | 2.78 -3.50 N | 1.39 -37.13 N | 2.55 0.00 N |
| ALBANY____4 23574 | 77.50 3.12 -15.78 N | 64.65 3.24 0.00 N | 61.46 1.91 -24.28 N | 42.16 2.02 0.00 N | 33.24 1.68 0.00 N | 71.56 3.96 0.00 N | 59.77 3.35 -2.78 N | 42.44 2.45 -0.12 N | 53.56 2.82 -0.18 N | 78.21 3.83 -2.99 N | 105.13 5.19 -3.44 N | 86.95 3.71 -14.77 N | 63.18 3.30 -0.20 N | 59.15 2.91 -5.43 N | 46.26 2.50 0.00 N | 31.71 1.54 -0.01 N | 39.27 1.33 -11.46 N | 62.41 2.58 -7.65 N | 85.89 2.54 -31.32 N | 65.92 3.10 0.00 N | 65.45 3.13 0.00 N | 60.06 2.78 -3.50 N | 66.02 1.39 -37.13 N | 51.77 2.55 0.00 N |
| ALBANY____LFGE 323615 | 78.33 3.68 -16.06 N | 65.24 3.83 0.00 N | 62.22 2.25 -24.71 N | 42.52 2.38 0.00 N | 33.53 1.97 0.00 N | 72.22 4.62 0.00 N | 60.34 3.87 -2.83 N | 42.85 2.85 -0.13 N | 54.15 3.41 -0.18 N | 79.09 4.66 -3.04 N | 106.38 6.38 -3.50 N | 88.04 4.54 -15.03 N | 63.90 4.01 -0.20 N | 59.84 3.50 -5.53 N | 46.77 3.01 0.00 N | 32.10 1.93 -0.01 N | 39.83 1.69 -11.66 N | 63.33 3.36 -7.78 N | 87.21 3.32 -31.87 N | 66.88 4.07 0.00 N | 66.34 4.02 0.00 N | 60.85 3.51 -3.56 N | 67.01 1.73 -37.78 N | 52.33 3.11 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 56.95 -1.64 0.00 N | 60.12 -1.29 0.00 N | 34.34 -0.92 0.00 N | 39.30 -0.84 0.00 N | 30.53 -1.03 0.00 N | 65.25 -2.35 0.00 N | 51.75 -1.90 0.00 N | 38.51 -1.36 0.00 N | 48.77 -1.79 0.00 N | 68.71 -2.68 0.00 N | 92.43 -4.06 0.00 N | 65.71 -2.76 0.00 N | 57.16 -2.52 0.00 N | 48.93 -1.88 0.00 N | 42.07 -1.69 0.00 N | 28.98 -1.19 0.00 N | 25.30 -1.18 0.00 N | 49.85 -2.33 0.00 N | 49.66 -2.35 0.00 N | 59.73 -3.08 0.00 N | 59.43 -2.89 0.00 N | 51.28 -2.50 0.00 N | 26.16 -1.34 0.00 N | 47.17 -2.06 0.00 N |
| ALLEGHENY____COGEN 23514 | 60.64 0.12 -1.92 N | 61.63 0.22 0.00 N | 38.32 0.09 -2.96 N | 40.47 0.33 0.00 N | 31.89 0.34 0.00 N | 68.17 0.57 0.00 N | 54.63 0.65 -0.34 N | 40.16 0.28 -0.02 N | 51.10 0.51 -0.02 N | 71.97 0.21 -0.36 N | 97.21 0.29 -0.42 N | 70.36 0.08 -1.80 N | 60.01 0.30 -0.02 N | 51.45 -0.02 -0.66 N | 43.63 -0.13 0.00 N | 29.11 -1.06 0.00 N | 26.12 -1.76 -1.40 N | 50.36 -2.76 -0.93 N | 53.04 -2.80 -3.82 N | 59.69 -3.12 0.00 N | 59.04 -3.28 0.00 N | 51.07 -3.14 -0.43 N | 30.82 -1.21 -4.53 N | 46.89 -2.34 0.00 N |
| ALTONA_WT_PWR 323606 | 57.18 -1.41 0.00 N | 60.03 -1.37 0.00 N | 34.48 -0.78 0.00 N | 39.24 -0.90 0.00 N | 30.91 -0.65 0.00 N | 66.19 -1.42 0.00 N | 52.41 -1.23 0.00 N | 39.12 -0.75 0.00 N | 49.63 -0.94 0.00 N | 70.06 -1.33 0.00 N | 94.50 -2.00 0.00 N | 67.19 -1.29 0.00 N | 58.14 -1.55 0.00 N | 49.66 -1.15 0.00 N | 42.79 -0.97 0.00 N | 29.38 -0.78 0.00 N | 25.68 -0.80 0.00 N | 50.69 -1.49 0.00 N | 50.48 -1.53 0.00 N | 60.77 -2.05 0.00 N | 60.27 -2.05 0.00 N | 52.07 -1.71 0.00 N | 26.40 -1.09 0.00 N | 47.49 -1.73 0.00 N |
| AMERICAN_REF_FUEL 24010 | 54.51 -5.85 -1.77 N | 55.55 -5.86 0.00 N | 34.65 -3.33 -2.72 N | 36.58 -3.57 0.00 N | 28.81 -2.74 0.00 N | 61.40 -6.20 0.00 N | 48.78 -5.17 -0.31 N | 35.16 -4.72 -0.01 N | 44.17 -6.42 -0.02 N | 62.31 -9.42 -0.33 N | 83.89 -13.00 -0.39 N | 61.14 -8.99 -1.65 N | 52.42 -7.29 -0.02 N | 45.19 -6.23 -0.61 N | 38.47 -5.29 0.00 N | 26.52 -3.64 0.00 N | 24.34 -3.44 -1.30 N | 46.54 -6.51 -0.87 N | 48.91 -6.65 -3.55 N | 55.12 -7.70 0.00 N | 54.68 -7.64 0.00 N | 47.58 -6.60 -0.40 N | 29.49 -2.21 -4.20 N | 45.20 -4.02 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 76.20 5.27 -12.34 N | 66.81 5.40 0.00 N | 57.21 2.96 -18.98 N | 43.54 3.40 0.00 N | 34.26 2.70 0.00 N | 73.84 6.23 0.00 N | 61.26 5.43 -2.17 N | 44.08 4.12 -0.10 N | 56.35 5.65 -0.14 N | 81.88 8.16 -2.34 N | 110.26 11.07 -2.69 N | 87.61 7.59 -11.54 N | 66.57 6.73 -0.15 N | 60.74 5.68 -4.24 N | 48.63 4.87 0.00 N | 33.57 3.40 0.00 N | 38.45 3.01 -8.96 N | 64.22 6.05 -5.98 N | 82.56 6.06 -24.48 N | 70.41 7.60 0.00 N | 69.84 7.53 0.00 N | 63.05 6.53 -2.73 N | 59.72 3.20 -29.02 N | 54.26 5.04 0.00 N |
| ARTHUR_KILL_2 23512 | 76.20 5.27 -12.34 N | 66.81 5.40 0.00 N | 57.21 2.96 -18.98 N | 43.54 3.40 0.00 N | 34.26 2.70 0.00 N | 73.84 6.23 0.00 N | 61.26 5.43 -2.17 N | 44.08 4.12 -0.10 N | 56.35 5.65 -0.14 N | 81.88 8.16 -2.34 N | 110.26 11.07 -2.69 N | 87.61 7.59 -11.54 N | 66.57 6.73 -0.15 N | 60.74 5.68 -4.24 N | 48.63 4.87 0.00 N | 33.57 3.40 0.00 N | 38.45 3.01 -8.96 N | 64.22 6.05 -5.98 N | 82.56 6.06 -24.48 N | 70.41 7.60 0.00 N | 69.84 7.53 0.00 N | 63.05 6.53 -2.73 N | 59.72 3.20 -29.02 N | 54.26 5.04 0.00 N |
| ARTHUR_KILL_3 23513 | 76.21 5.28 -12.33 N | 66.77 5.36 0.00 N | 57.19 2.95 -18.98 N | 43.53 3.39 0.00 N | 34.25 2.70 0.00 N | 73.81 6.20 0.00 N | 61.23 5.41 -2.17 N | 44.04 4.08 -0.10 N | 56.31 5.61 -0.14 N | 81.90 8.17 -2.33 N | 110.31 11.12 -2.69 N | 87.64 7.62 -11.54 N | 66.68 6.84 -0.15 N | 60.79 5.73 -4.24 N | 48.70 4.94 0.00 N | 33.63 3.46 0.00 N | 38.51 3.07 -8.96 N | 64.36 6.20 -5.98 N | 82.70 6.20 -24.48 N | 70.61 7.79 0.00 N | 69.97 7.65 0.00 N | 63.10 6.58 -2.74 N | 59.64 3.13 -29.02 N | 54.24 5.01 0.00 N |
| ASHOKAN____ 23654 | 77.40 5.56 -13.25 N | 67.15 5.74 0.00 N | 58.93 3.28 -20.38 N | 43.79 3.65 0.00 N | 34.51 2.95 0.00 N | 74.33 6.73 0.00 N | 61.71 5.73 -2.34 N | 44.31 4.33 -0.10 N | 56.47 5.75 -0.15 N | 82.12 8.23 -2.51 N | 110.60 11.21 -2.88 N | 88.75 7.88 -12.39 N | 66.72 6.87 -0.17 N | 61.18 5.82 -4.56 N | 48.75 4.99 0.00 N | 33.60 3.43 0.00 N | 39.17 3.06 -9.62 N | 64.95 6.34 -6.42 N | 84.79 6.48 -26.29 N | 70.87 8.06 0.00 N | 70.13 7.81 0.00 N | 63.42 6.70 -2.93 N | 61.90 3.24 -31.16 N | 54.45 5.23 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 76.56 5.64 -12.34 N | 67.24 5.83 0.00 N | 57.46 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.35 -0.10 N | 56.67 5.96 -0.14 N | 82.29 8.57 -2.34 N | 111.05 11.86 -2.69 N | 88.27 8.25 -11.54 N | 67.07 7.23 -0.15 N | 61.02 5.97 -4.24 N | 48.88 5.12 0.00 N | 33.77 3.60 0.00 N | 38.65 3.21 -8.96 N | 64.69 6.52 -5.98 N | 83.10 6.60 -24.48 N | 71.12 8.30 0.00 N | 70.53 8.21 0.00 N | 63.48 6.97 -2.73 N | 60.05 3.54 -29.02 N | 54.73 5.51 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 76.57 5.64 -12.34 N | 67.23 5.82 0.00 N | 57.45 3.21 -18.98 N | 43.77 3.62 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.56 5.74 -2.17 N | 44.32 4.35 -0.10 N | 56.66 5.96 -0.14 N | 82.28 8.56 -2.34 N | 111.04 11.85 -2.69 N | 88.27 8.25 -11.54 N | 67.06 7.22 -0.15 N | 61.04 5.98 -4.24 N | 48.90 5.14 0.00 N | 33.78 3.61 0.00 N | 38.65 3.21 -8.96 N | 64.69 6.53 -5.98 N | 83.13 6.63 -24.48 N | 71.13 8.32 0.00 N | 70.54 8.22 0.00 N | 63.51 6.99 -2.73 N | 60.05 3.53 -29.02 N | 54.72 5.50 0.00 N |
| ASTORIA_GT2_1 24094 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|
| ASTORIA_GT2_2 24095 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT2_3 24096 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT2_4 24097 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT3_1 24098 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT3_2 24099 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT3_3 24100 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT3_4 24101 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT4_1 24102 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT4_2 24103 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT4_3 24104 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT4_4 24105 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT_1 23523 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N |
| ASTORIA_GT_10 24110 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N |
| ASTORIA_GT_11 24225 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 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 |
|------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|---|
| ASTORIA_GT_12 24226 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N | |
| ASTORIA_GT_13 24227 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N | |
| ASTORIA_GT_5 24106 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ASTORIA_GT_7 24107 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ASTORIA_GT_8 24108 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ASTORIA___2 24149 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ASTORIA___3 23516 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.74 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N | |
| ASTORIA___4 23517 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ASTORIA___5 23518 | 76.57 5.65 -12.34 N | 67.24 5.83 0.00 N | 57.47 3.22 -18.98 N | 43.77 3.63 0.00 N | 34.45 2.89 0.00 N | 74.22 6.62 0.00 N | 61.57 5.75 -2.17 N | 44.32 4.36 -0.10 N | 56.68 5.98 -0.14 N | 82.29 8.57 -2.34 N | 111.06 11.87 -2.69 N | 88.27 8.25 -11.54 N | 67.08 7.24 -0.15 N | 61.06 6.01 -4.24 N | 48.90 5.14 0.00 N | 33.79 3.62 0.00 N | 38.66 3.22 -8.96 N | 64.72 6.56 -5.98 N | 83.14 6.64 -24.48 N | 71.15 8.34 0.00 N | 70.55 8.23 0.00 N | 63.52 7.01 -2.73 N | 60.06 3.55 -29.02 N | 54.74 5.52 0.00 N | |
| ATHENS_STG_1 23668 | 75.40 3.11 -13.69 N | 64.62 3.21 0.00 N | 58.18 1.85 -21.06 N | 42.16 2.02 0.00 N | 33.21 1.65 0.00 N | 71.43 3.83 0.00 N | 59.36 3.30 -2.41 N | 42.44 2.47 -0.11 N | 53.98 3.26 -0.16 N | 78.61 4.63 -2.59 N | 105.81 6.33 -2.98 N | 85.73 4.45 -12.81 N | 63.78 3.92 -0.17 N | 58.87 3.35 -4.71 N | 46.66 2.90 0.00 N | 32.18 2.01 0.00 N | 38.21 1.79 -9.94 N | 62.37 3.55 -6.63 N | 82.79 3.60 -27.17 N | 67.35 4.53 0.00 N | 66.79 4.47 0.00 N | 60.69 3.87 -3.03 N | 61.58 1.88 -32.20 N | 52.30 3.08 0.00 N | |
| ATHENS_STG_2 23670 | 75.40 3.11 -13.69 N | 64.62 3.21 0.00 N | 58.18 1.85 -21.06 N | 42.16 2.02 0.00 N | 33.21 1.65 0.00 N | 71.43 3.83 0.00 N | 59.36 3.30 -2.41 N | 42.44 2.47 -0.11 N | 53.98 3.26 -0.16 N | 78.61 4.63 -2.59 N | 105.81 6.33 -2.98 N | 85.73 4.45 -12.81 N | 63.78 3.92 -0.17 N | 58.87 3.35 -4.71 N | 46.66 2.90 0.00 N | 32.18 2.01 0.00 N | 38.21 1.79 -9.94 N | 62.37 3.55 -6.63 N | 82.79 3.60 -27.17 N | 67.35 4.53 0.00 N | 66.79 4.47 0.00 N | 60.69 3.87 -3.03 N | 61.58 1.88 -32.20 N | 52.30 3.08 0.00 N | |
| ATHENS_STG_3 23677 | 75.40 3.11 -13.69 N | 64.62 3.21 0.00 N | 58.18 1.85 -21.06 N | 42.16 2.02 0.00 N | 33.21 1.65 0.00 N | 71.43 3.83 0.00 N | 59.36 3.30 -2.41 N | 42.44 2.47 -0.11 N | 53.98 3.26 -0.16 N | 78.61 4.63 -2.59 N | 105.81 6.33 -2.98 N | 85.73 4.45 -12.81 N | 63.78 3.92 -0.17 N | 58.87 3.35 -4.71 N | 46.66 2.90 0.00 N | 32.18 2.01 0.00 N | 38.21 1.79 -9.94 N | 62.37 3.55 -6.63 N | 82.79 3.60 -27.17 N | 67.35 4.53 0.00 N | 66.79 4.47 0.00 N | 60.69 3.87 -3.03 N | 61.58 1.88 -32.20 N | 52.30 3.08 0.00 N | |
| BARRETT_IC_1 23704 | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N | |
| BARRETT_IC_10 | 76.74 | 67.25 | 57.46 | 43.73 | 34.45 | 74.00 | 61.39 | 44.29 | 56.77 | 139.90 | 184.80 | 180.16 | 222.20 | 180.90 | 137.02 | 128.37 | 239.29 | 224.41 | 251.13 | 182.97 | 143.76 | 173.71 | 73.42 | 55.00 | |

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| 23701 | | 5.82 -12.34 N | 5.84 0.00 N | 3.22 -18.98 N | 3.59 0.00 N | 2.89 0.00 N | 6.40 0.00 N | 5.58 -2.18 N | 4.33 -0.10 N | 6.07 -0.14 N | 9.04 -59.47 N | 11.99 -76.31 N | 8.38 -103.30 N | 7.47 -155.05 N | 6.27 -123.82 N | 5.32 -87.93 N | 3.75 -94.46 N | 3.35 -209.46 N | 6.79 -165.43 N | 6.91 -192.20 N | 8.57 -111.58 N | 8.42 -73.02 N | 7.23 -112.70 N | 3.65 -42.27 N | 5.77 -0.01 N |
| BARRETT_IC_11 23702 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_12 23703 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_2 23705 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_3 23706 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_4 23707 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_5 23708 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_6 23709 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_7 23710 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_8 23711 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT_IC_9 23700 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT___1 23545 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BARRETT___2 23546 | | 76.74 5.82 -12.34 N | 67.25 5.84 0.00 N | 57.46 3.22 -18.98 N | 43.73 3.59 0.00 N | 34.45 2.89 0.00 N | 74.00 6.40 0.00 N | 61.39 5.58 -2.18 N | 44.29 4.33 -0.10 N | 56.77 6.07 -0.14 N | 139.90 9.04 -59.47 N | 184.80 11.99 -76.31 N | 180.16 8.38 -103.30 N | 222.20 7.47 -155.05 N | 180.90 6.27 -123.82 N | 137.02 5.32 -87.93 N | 128.37 3.75 -94.46 N | 239.29 3.35 -209.46 N | 224.41 6.79 -165.43 N | 251.13 6.91 -192.20 N | 182.97 8.57 -111.58 N | 143.76 8.42 -73.02 N | 173.71 7.23 -112.70 N | 73.42 3.65 -42.27 N | 55.00 5.77 -0.01 N |
| BEAVER RIVER___HYD 24048 | | 60.02 1.43 0.00 N | 62.94 1.53 0.00 N | 36.04 0.78 0.00 N | 41.08 0.94 0.00 N | 32.09 0.53 0.00 N | 68.46 0.86 0.00 N | 54.50 0.86 0.00 N | 40.68 0.81 0.00 N | 51.69 1.13 0.00 N | 72.91 1.52 0.00 N | 98.49 1.99 0.00 N | 69.80 1.32 0.00 N | 60.79 1.10 0.00 N | 51.75 0.94 0.00 N | 44.61 0.85 0.00 N | 30.72 0.56 0.00 N | 26.91 0.43 0.00 N | 53.20 1.02 0.00 N | 52.94 0.92 0.00 N | 63.74 0.93 0.00 N | 63.22 0.90 0.00 N | 54.28 0.50 0.00 N | 27.59 0.09 0.00 N | 49.54 0.32 0.00 N |

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| BEEBEE_GT_13 23619 | 59.41 -0.52 -1.35 N | 60.86 -0.55 0.00 N | 36.98 -0.36 -2.08 N | 39.90 -0.24 0.00 N | 31.49 -0.06 0.00 N | 67.48 -0.12 0.00 N | 53.83 -0.05 -0.24 N | 39.59 -0.29 -0.01 N | 50.12 -0.46 -0.02 N | 70.80 -0.85 -0.25 N | 95.86 -0.93 -0.29 N | 69.04 -0.70 -1.26 N | 59.36 -0.34 -0.02 N | 50.81 -0.47 -0.46 N | 43.40 -0.37 0.00 N | 29.98 -0.18 0.00 N | 27.28 -0.19 -0.99 N | 53.30 0.46 -0.66 N | 55.11 0.40 -2.69 N | 63.47 0.66 0.00 N | 62.54 0.22 0.00 N | 53.86 -0.22 -0.30 N | 30.93 0.24 -3.19 N | 49.56 0.34 0.00 N |
| BETHLEHEM___GRP 23843 | 77.50 3.12 -15.78 N | 64.65 3.24 0.00 N | 61.46 1.91 -24.28 N | 42.16 2.02 0.00 N | 33.24 1.68 0.00 N | 71.56 3.96 0.00 N | 59.77 3.35 -2.78 N | 42.44 2.45 -0.12 N | 53.56 2.82 -0.18 N | 78.21 3.83 -2.99 N | 105.13 5.19 -3.44 N | 86.95 3.71 -14.77 N | 63.18 3.30 -0.20 N | 59.15 2.91 -5.43 N | 46.26 2.50 0.00 N | 31.71 1.54 -0.01 N | 39.27 1.33 -11.46 N | 62.41 2.58 -7.65 N | 85.89 2.54 -31.32 N | 65.92 3.10 0.00 N | 65.45 3.13 0.00 N | 60.06 2.78 -3.50 N | 66.02 1.39 -37.13 N | 51.77 2.55 0.00 N |
| BETHLEHEM___GS1 323560 | 77.50 3.12 -15.78 N | 64.65 3.24 0.00 N | 61.46 1.91 -24.28 N | 42.16 2.02 0.00 N | 33.24 1.68 0.00 N | 71.56 3.96 0.00 N | 59.77 3.35 -2.78 N | 42.44 2.45 -0.12 N | 53.56 2.82 -0.18 N | 78.21 3.83 -2.99 N | 105.13 5.19 -3.44 N | 86.95 3.71 -14.77 N | 63.18 3.30 -0.20 N | 59.15 2.91 -5.43 N | 46.26 2.50 0.00 N | 31.71 1.54 -0.01 N | 39.27 1.33 -11.46 N | 62.41 2.58 -7.65 N | 85.89 2.54 -31.32 N | 65.92 3.10 0.00 N | 65.45 3.13 0.00 N | 60.06 2.78 -3.50 N | 66.02 1.39 -37.13 N | 51.77 2.55 0.00 N |
| BETHLEHEM___GS2 323561 | 77.50 3.12 -15.78 N | 64.65 3.24 0.00 N | 61.46 1.91 -24.28 N | 42.16 2.02 0.00 N | 33.24 1.68 0.00 N | 71.56 3.96 0.00 N | 59.77 3.35 -2.78 N | 42.44 2.45 -0.12 N | 53.56 2.82 -0.18 N | 78.21 3.83 -2.99 N | 105.13 5.19 -3.44 N | 86.95 3.71 -14.77 N | 63.18 3.30 -0.20 N | 59.15 2.91 -5.43 N | 46.26 2.50 0.00 N | 31.71 1.54 -0.01 N | 39.27 1.33 -11.46 N | 62.41 2.58 -7.65 N | 85.89 2.54 -31.32 N | 65.92 3.10 0.00 N | 65.45 3.13 0.00 N | 60.06 2.78 -3.50 N | 66.02 1.39 -37.13 N | 51.77 2.55 0.00 N |
| BETHLEHEM___GS3 323562 | 77.50 3.12 -15.78 N | 64.65 3.24 0.00 N | 61.46 1.91 -24.28 N | 42.16 2.02 0.00 N | 33.24 1.68 0.00 N | 71.56 3.96 0.00 N | 59.77 3.35 -2.78 N | 42.44 2.45 -0.12 N | 53.56 2.82 -0.18 N | 78.21 3.83 -2.99 N | 105.13 5.19 -3.44 N | 86.95 3.71 -14.77 N | 63.18 3.30 -0.20 N | 59.15 2.91 -5.43 N | 46.26 2.50 0.00 N | 31.71 1.54 -0.01 N | 39.27 1.33 -11.46 N | 62.41 2.58 -7.65 N | 85.89 2.54 -31.32 N | 65.92 3.10 0.00 N | 65.45 3.13 0.00 N | 60.06 2.78 -3.50 N | 66.02 1.39 -37.13 N | 51.77 2.55 0.00 N |
| BETHLEHEM___STEEL 23779 | 55.95 -4.56 -1.92 N | 56.84 -4.57 0.00 N | 35.63 -2.59 -2.96 N | 37.46 -2.68 0.00 N | 29.52 -2.04 0.00 N | 62.90 -4.70 0.00 N | 50.21 -3.77 -0.34 N | 36.46 -3.43 -0.02 N | 46.04 -4.55 -0.02 N | 65.16 -6.60 -0.36 N | 87.77 -9.15 -0.42 N | 63.78 -6.49 -1.80 N | 54.49 -5.22 -0.02 N | 46.95 -4.52 -0.66 N | 39.97 -3.79 0.00 N | 27.51 -2.66 0.00 N | 25.36 -2.54 -1.42 N | 48.59 -4.54 -0.94 N | 51.24 -4.65 -3.87 N | 57.57 -5.25 0.00 N | 57.12 -5.20 0.00 N | 49.67 -4.54 -0.43 N | 30.72 -1.36 -4.58 N | 46.45 -2.78 0.00 N |
| BETHPAGE_CC_5 323564 | 76.89 5.96 -12.34 N | 67.37 5.96 0.00 N | 57.53 3.28 -18.98 N | 43.79 3.65 0.00 N | 34.50 2.94 0.00 N | 74.08 6.48 0.00 N | 61.47 5.65 -2.18 N | 44.34 4.37 -0.10 N | 56.86 6.15 -0.14 N | 139.98 9.12 -59.47 N | 169.94 12.36 -61.08 N | 122.87 8.63 -45.76 N | 124.58 7.61 -57.29 N | 126.04 6.40 -68.83 N | 114.76 5.49 -65.51 N | 113.79 3.81 -79.81 N | 128.97 3.39 -99.10 N | 117.24 6.93 -58.13 N | 110.73 7.02 -51.69 N | 150.86 8.83 -79.21 N | 123.28 8.66 -52.31 N | 117.89 7.39 -56.73 N | 64.59 3.73 -33.38 N | 55.06 5.83 0.00 N |
| BINGHAMTON___COGEN 23790 | 63.10 0.48 -4.03 N | 61.87 0.47 0.00 N | 41.77 0.30 -6.21 N | 40.63 0.49 0.00 N | 31.97 0.41 0.00 N | 68.40 0.80 0.00 N | 55.28 0.92 -0.71 N | 40.67 0.77 -0.03 N | 51.80 1.19 -0.05 N | 73.80 1.64 -0.76 N | 99.58 2.21 -0.88 N | 73.59 1.33 -3.78 N | 60.98 1.25 -0.05 N | 53.13 0.93 -1.39 N | 44.63 0.87 0.00 N | 30.75 0.59 0.00 N | 29.91 0.51 -2.92 N | 55.50 1.37 -1.95 N | 61.36 1.36 -7.99 N | 64.70 1.89 0.00 N | 64.10 1.78 0.00 N | 56.19 1.51 -0.89 N | 37.84 0.88 -9.47 N | 50.42 1.20 0.00 N |
| BLACK RIVER___HYD 24047 | 61.39 2.42 -0.37 N | 63.82 2.42 0.00 N | 37.13 1.29 -0.57 N | 41.62 1.49 0.00 N | 32.53 0.98 0.00 N | 69.46 1.86 0.00 N | 55.41 1.70 -0.07 N | 41.32 1.45 0.00 N | 52.65 2.09 0.00 N | 74.24 2.79 -0.07 N | 100.36 3.78 -0.08 N | 71.36 2.53 -0.35 N | 61.87 2.18 0.00 N | 52.74 1.80 -0.13 N | 45.36 1.60 0.00 N | 31.24 1.08 0.00 N | 27.71 0.96 -0.27 N | 54.41 2.05 -0.18 N | 54.64 1.88 -0.74 N | 64.96 2.15 0.00 N | 64.24 1.93 0.00 N | 55.11 1.25 -0.08 N | 28.77 0.39 -0.88 N | 50.11 0.89 0.00 N |
| BLISS_WT_PWR 323608 | 60.02 -0.52 -1.95 N | 61.03 -0.37 0.00 N | 38.10 -0.17 -3.01 N | 40.32 0.18 0.00 N | 31.82 0.26 0.00 N | 67.91 0.30 0.00 N | 54.50 0.51 -0.34 N | 39.83 -0.05 -0.02 N | 50.63 0.05 -0.02 N | 71.60 -0.16 -0.37 N | 96.62 -0.30 -0.42 N | 69.67 -0.64 -1.83 N | 59.38 -0.33 -0.02 N | 51.14 -0.34 -0.67 N | 43.63 -0.13 0.00 N | 29.93 -0.23 0.00 N | 27.57 -0.39 -1.48 N | 53.35 0.17 -0.99 N | 56.13 0.06 -4.05 N | 63.38 0.57 0.00 N | 62.66 0.34 0.00 N | 54.26 0.02 -0.45 N | 32.94 0.64 -4.80 N | 49.77 0.55 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 76.63 2.24 -15.79 N | 63.72 2.32 0.00 N | 60.91 1.35 -24.30 N | 41.59 1.45 0.00 N | 32.78 1.22 0.00 N | 70.54 2.93 0.00 N | 58.97 2.55 -2.78 N | 41.89 1.89 -0.12 N | 53.12 2.38 -0.18 N | 77.57 3.19 -2.99 N | 104.14 4.20 -3.44 N | 86.21 2.96 -14.78 N | 62.48 2.60 -0.20 N | 58.53 2.28 -5.43 N | 45.73 1.97 0.00 N | 31.47 1.30 -0.01 N | 39.12 1.17 -11.47 N | 62.14 2.31 -7.65 N | 85.65 2.29 -31.35 N | 65.69 2.88 0.00 N | 65.14 2.82 0.00 N | 59.73 2.45 -3.50 N | 65.83 1.18 -37.16 N | 51.29 2.06 0.00 N |
| BOC_GAS_DRP 24189 | 76.93 2.55 -15.79 N | 64.03 2.63 0.00 N | 61.11 1.54 -24.30 N | 41.78 1.64 0.00 N | 32.91 1.35 0.00 N | 70.80 3.20 0.00 N | 59.18 2.75 -2.78 N | 42.03 2.04 -0.12 N | 53.29 2.55 -0.18 N | 77.92 3.54 -2.99 N | 104.68 4.74 -3.44 N | 86.62 3.37 -14.78 N | 62.84 2.96 -0.20 N | 58.82 2.57 -5.43 N | 45.99 2.23 0.00 N | 31.65 1.48 -0.01 N | 39.27 1.32 -11.47 N | 62.41 2.58 -7.65 N | 85.95 2.58 -31.35 N | 66.05 3.23 0.00 N | 65.53 3.21 0.00 N | 60.09 2.81 -3.50 N | 66.02 1.37 -37.16 N | 51.54 2.32 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 78.66 4.36 -15.71 N | 66.00 4.59 0.00 N | 62.22 2.78 -24.18 N | 42.88 2.74 0.00 N | 33.85 2.29 0.00 N | 73.15 5.55 0.00 N | 60.97 4.56 -2.77 N | 43.29 3.30 -0.12 N | 54.85 4.11 -0.18 N | 80.12 5.75 -2.97 N | 107.92 8.00 -3.42 N | 88.95 5.77 -14.70 N | 64.88 5.00 -0.20 N | 60.68 4.46 -5.41 N | 47.66 3.90 0.00 N | 32.78 2.61 -0.01 N | 40.13 2.24 -11.41 N | 64.23 4.43 -7.61 N | 87.64 4.43 -31.19 N | 68.13 5.32 0.00 N | 67.64 5.32 0.00 N | 61.94 4.68 -3.48 N | 66.89 2.43 -36.97 N | 53.36 4.14 0.00 N |
| BOWLINE___1 23526 | 75.20 4.55 -12.06 N | 66.03 4.62 0.00 N | 56.44 2.61 -18.56 N | 43.11 2.97 0.00 N | 33.95 2.40 0.00 N | 73.05 5.45 0.00 N | 60.52 4.76 -2.13 N | 43.56 3.60 -0.09 N | 55.64 4.94 -0.14 N | 80.80 7.13 -2.28 N | 108.91 9.78 -2.63 N | 86.55 6.79 -11.28 N | 65.80 5.96 -0.15 N | 59.93 4.97 -4.15 N | 48.01 4.26 0.00 N | 33.17 3.00 0.00 N | 37.95 2.71 -8.76 N | 63.63 5.60 -5.84 N | 81.67 5.72 -23.94 N | 70.01 7.20 0.00 N | 69.36 7.04 0.00 N | 62.52 6.07 -2.67 N | 58.71 2.84 -28.37 N | 53.80 4.58 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 |
|------------------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|-------|
| BOWLINE___2 | 75.20 | 66.03 | 56.44 | 43.10 | 33.95 | 73.05 | 60.52 | 43.56 | 55.64 | 80.81 | 108.91 | 86.55 | 65.80 | 59.93 | 48.02 | 33.17 | 37.95 | 63.63 | 81.68 | 70.01 | 69.37 | 62.53 | 58.72 | 53.80 |
| 23595 | 4.55 | 4.62 | 2.61 | 2.96 | 2.40 | 5.45 | 4.76 | 3.60 | 4.94 | 7.14 | 9.78 | 6.79 | 5.96 | 4.97 | 4.26 | 3.00 | 2.71 | 5.60 | 5.72 | 7.20 | 7.05 | 6.07 | 2.84 | 4.58 |
| | -12.06 | 0.00 | -18.56 | 0.00 | 0.00 | 0.00 | -2.13 | -0.09 | -0.14 | -2.28 | -2.63 | -11.29 | -0.15 | -4.15 | 0.00 | 0.00 | -8.76 | -5.84 | -23.94 | 0.00 | 0.00 | -2.67 | -28.38 | 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 |
| BROOKHAVEN___DRP | 76.14 | 66.58 | 57.07 | 43.25 | 34.12 | 73.26 | 60.91 | 43.94 | 56.30 | 139.23 | 167.76 | 118.64 | 118.07 | 122.16 | 112.88 | 112.57 | 122.26 | 110.43 | 101.99 | 148.29 | 121.51 | 113.91 | 63.63 | 54.24 |
| 24191 | 5.21 | 5.17 | 2.82 | 3.11 | 2.56 | 5.66 | 5.10 | 3.98 | 5.60 | 8.37 | 11.07 | 7.77 | 6.82 | 5.74 | 4.92 | 3.46 | 3.14 | 6.40 | 6.50 | 8.16 | 8.09 | 6.68 | 3.28 | 5.02 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.18 | -0.10 | -0.14 | -59.47 | -60.19 | -42.39 | -51.57 | -65.61 | -64.20 | -78.96 | -92.64 | -51.85 | -43.47 | -77.32 | -51.10 | -53.45 | -32.86 | 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 |
| BROOKLYN_NAVY_YARD | 76.01 | 66.61 | 57.12 | 43.40 | 34.16 | 73.59 | 61.09 | 43.95 | 56.22 | 81.78 | 110.10 | 87.58 | 66.55 | 60.64 | 48.57 | 33.54 | 38.45 | 64.25 | 82.64 | 70.55 | 69.90 | 63.06 | 59.71 | 54.33 |
| 23515 | 5.08 | 5.20 | 2.88 | 3.26 | 2.60 | 5.98 | 5.27 | 3.99 | 5.52 | 8.06 | 10.91 | 7.56 | 6.71 | 5.58 | 4.81 | 3.37 | 3.01 | 6.09 | 6.13 | 7.73 | 7.58 | 6.55 | 3.19 | 5.11 |
| | -12.33 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.17 | -0.10 | -0.14 | -2.33 | -2.69 | -11.54 | -0.15 | -4.24 | 0.00 | 0.00 | -8.96 | -5.98 | -24.48 | 0.00 | 0.00 | -2.73 | -29.02 | 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 |
| BROOKLYN___ARMY_DRP | 76.66 | 67.23 | 57.46 | 43.80 | 34.47 | 74.25 | 61.58 | 44.33 | 56.70 | 82.41 | 111.03 | 88.27 | 67.12 | 61.19 | 49.01 | 33.85 | 38.72 | 64.79 | 83.13 | 71.10 | 70.53 | 63.63 | 59.93 | 54.62 |
| 323595 | 5.73 | 5.82 | 3.21 | 3.66 | 2.91 | 6.65 | 5.77 | 4.37 | 5.99 | 8.69 | 11.84 | 8.25 | 7.29 | 6.13 | 5.25 | 3.68 | 3.28 | 6.63 | 6.63 | 8.28 | 8.22 | 7.12 | 3.41 | 5.39 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.17 | -0.10 | -0.14 | -2.34 | -2.69 | -11.54 | -0.15 | -4.24 | 0.00 | 0.00 | -8.96 | -5.98 | -24.48 | 0.00 | 0.00 | -2.73 | -29.02 | 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 |
| BROOME___LFGE | 63.10 | 61.87 | 41.77 | 40.63 | 31.97 | 68.40 | 55.28 | 40.67 | 51.80 | 73.80 | 99.58 | 73.59 | 60.98 | 53.13 | 44.63 | 30.75 | 29.91 | 55.50 | 61.36 | 64.70 | 64.10 | 56.19 | 37.84 | 50.42 |
| 323600 | 0.48 | 0.47 | 0.30 | 0.49 | 0.41 | 0.80 | 0.92 | 0.77 | 1.19 | 1.64 | 2.21 | 1.33 | 1.25 | 0.93 | 0.87 | 0.59 | 0.51 | 1.37 | 1.36 | 1.89 | 1.78 | 1.51 | 0.88 | 1.20 |
| | -4.03 | 0.00 | -6.21 | 0.00 | 0.00 | 0.00 | -0.71 | -0.03 | -0.05 | -0.76 | -0.88 | -3.78 | -0.05 | -1.39 | 0.00 | 0.00 | -2.92 | -1.95 | -7.99 | 0.00 | 0.00 | -0.89 | -9.47 | 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 |
| BURROWS___LYONSDAL | 60.04 | 62.90 | 36.08 | 41.10 | 32.24 | 68.93 | 54.85 | 40.88 | 51.96 | 73.36 | 99.13 | 70.27 | 61.20 | 52.06 | 44.86 | 30.89 | 27.12 | 53.62 | 53.41 | 64.44 | 63.80 | 54.83 | 27.88 | 50.01 |
| 23803 | 1.45 | 1.49 | 0.82 | 0.96 | 0.68 | 1.33 | 1.21 | 1.02 | 1.40 | 1.97 | 2.63 | 1.79 | 1.52 | 1.25 | 1.10 | 0.73 | 0.64 | 1.43 | 1.39 | 1.63 | 1.48 | 1.04 | 0.38 | 0.79 |
| | 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 |
| CAITHNESS_CC_1 | 76.15 | 66.59 | 57.07 | 43.27 | 34.13 | 73.26 | 60.91 | 43.93 | 56.29 | 139.20 | 167.73 | 118.62 | 118.06 | 122.16 | 112.88 | 112.57 | 122.24 | 110.36 | 101.94 | 148.25 | 121.47 | 113.90 | 63.64 | 54.27 |
| 323624 | 5.23 | 5.18 | 2.83 | 3.13 | 2.57 | 5.66 | 5.10 | 3.97 | 5.59 | 8.34 | 11.04 | 7.76 | 6.82 | 5.75 | 4.93 | 3.45 | 3.14 | 6.35 | 6.48 | 8.12 | 8.06 | 6.67 | 3.29 | 5.05 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.18 | -0.10 | -0.14 | -59.47 | -60.19 | -42.38 | -51.55 | -65.60 | -64.20 | -78.95 | -92.62 | -51.83 | -43.45 | -77.31 | -51.10 | -53.44 | -32.85 | 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 |
| CALPINE_BETH_PAGE_GT4 | 76.93 | 67.40 | 57.56 | 43.82 | 34.51 | 74.12 | 61.42 | 44.31 | 56.84 | 139.95 | 170.23 | 123.97 | 126.43 | 127.08 | 115.16 | 114.06 | 131.09 | 119.29 | 113.42 | 151.46 | 123.65 | 118.97 | 64.78 | 55.10 |
| 24209 | 6.00 | 6.00 | 3.31 | 3.68 | 2.96 | 6.52 | 5.61 | 4.35 | 6.14 | 9.09 | 12.35 | 8.63 | 7.58 | 6.38 | 5.46 | 3.80 | 3.39 | 6.92 | 7.01 | 8.81 | 8.62 | 7.39 | 3.74 | 5.88 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.18 | -0.10 | -0.14 | -59.47 | -61.37 | -46.87 | -59.17 | -69.88 | -65.94 | -80.09 | -101.22 | -60.19 | -54.39 | -79.84 | -52.71 | -57.80 | -33.55 | 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 |
| CALPINE_BETH_PAGE_GT_4 | 76.93 | 67.40 | 57.56 | 43.82 | 34.51 | 74.12 | 61.42 | 44.31 | 56.84 | 139.95 | 170.23 | 123.97 | 126.43 | 127.08 | 115.16 | 114.06 | 131.09 | 119.29 | 113.42 | 151.46 | 123.65 | 118.97 | 64.78 | 55.10 |
| 323586 | 6.00 | 6.00 | 3.31 | 3.68 | 2.96 | 6.52 | 5.61 | 4.35 | 6.14 | 9.09 | 12.35 | 8.63 | 7.58 | 6.38 | 5.46 | 3.80 | 3.39 | 6.92 | 7.01 | 8.81 | 8.62 | 7.39 | 3.74 | 5.88 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.18 | -0.10 | -0.14 | -59.47 | -61.37 | -46.87 | -59.17 | -69.88 | -65.94 | -80.09 | -101.22 | -60.19 | -54.39 | -79.84 | -52.71 | -57.80 | -33.55 | 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 |
| CALPINE_BP_GT1 | 76.93 | 67.40 | 57.56 | 43.82 | 34.51 | 74.12 | 61.42 | 44.31 | 56.84 | 139.95 | 170.23 | 123.97 | 126.43 | 127.08 | 115.16 | 114.06 | 131.09 | 119.29 | 113.42 | 151.46 | 123.65 | 118.97 | 64.78 | 55.10 |
| 23823 | 6.00 | 6.00 | 3.31 | 3.68 | 2.96 | 6.52 | 5.61 | 4.35 | 6.14 | 9.09 | 12.35 | 8.63 | 7.58 | 6.38 | 5.46 | 3.80 | 3.39 | 6.92 | 7.01 | 8.81 | 8.62 | 7.39 | 3.74 | 5.88 |
| | -12.34 | 0.00 | -18.98 | 0.00 | 0.00 | 0.00 | -2.18 | -0.10 | -0.14 | -59.47 | -61.37 | -46.87 | -59.17 | -69.88 | -65.94 | -80.09 | -101.22 | -60.19 | -54.39 | -79.84 | -52.71 | -57.80 | -33.55 | 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 |
| CALSPAN___DRP | 55.95 | 56.84 | 35.63 | 37.46 | 29.52 | 62.90 | 50.21 | 36.46 | 46.04 | 65.16 | 87.77 | 63.78 | 54.49 | 46.95 | 39.97 | 27.51 | 25.36 | 48.59 | 51.24 | 57.57 | 57.12 | 49.67 | 30.72 | 46.45 |
| 24200 | -4.56 | -4.57 | -2.59 | -2.68 | -2.04 | -4.70 | -3.77 | -3.43 | -4.55 | -6.60 | -9.15 | -6.49 | -5.22 | -4.52 | -3.79 | -2.66 | -2.54 | -4.54 | -4.65 | -5.25 | -5.20 | -4.54 | -1.36 | -2.78 |
| | -1.92 | 0.00 | -2.96 | 0.00 | 0.00 | 0.00 | -0.34 | -0.02 | -0.02 | -0.36 | -0.42 | -1.80 | -0.02 | -0.66 | 0.00 | 0.00 | -1.42 | -0.94 | -3.87 | 0.00 | 0.00 | -0.43 | -4.58 | 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 |
| CANDIGU_WT_PWR | 59.94 | 60.40 | 38.46 | 39.84 | 31.36 | 66.95 | 53.88 | 39.60 | 50.49 | 71.65 | 96.68 | 70.19 | 59.45 | 51.17 | 43.34 | 29.68 | 27.66 | 52.93 | 56.29 | 62.62 | 62.01 | 53.99 | 33.60 | 49.26 |
| 323617 | -1.09 | -1.01 | -0.56 | -0.30 | -0.20 | -0.65 | -0.20 | -0.28 | -0.10 | -0.20 | -0.36 | -0.57 | -0.26 | -0.48 | -0.42 | -0.48 | -0.59 | -0.44 | -0.58 | -0.20 | -0.30 | -0.34 | 0.35 | 0.04 |
| | -2.44 | 0.00 | -3.76 | 0.00 | 0.00 | 0.00 | -0.43 | -0.02 | -0.03 | -0.46 | -0.53 | -2.29 | -0.03 | -0.84 | 0.00 | 0.00 | -1.78 | -1.18 | -4.85 | 0.00 | 0.00 | -0.54 | -5.75 | 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 |
| CARR STREET_E_SYR | 59.34 | 61.11 | 36.62 | 40.01 | 31 | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| 23857 | 2.07 -0.30 N | 2.10 0.00 N | 1.11 -0.47 N | 1.29 0.00 N | 0.81 0.00 N | 1.50 0.00 N | 1.39 -0.05 N | 1.22 0.00 N | 1.73 0.00 N | 2.34 -0.06 N | 3.13 -0.07 N | 2.11 -0.29 N | 1.79 0.00 N | 1.50 -0.10 N | 1.34 0.00 N | 0.90 0.00 N | 0.77 -0.22 N | 1.67 -0.15 N | 1.53 -0.61 N | 1.69 0.00 N | 1.55 0.00 N | 0.98 -0.07 N | 0.28 -0.72 N | 0.67 0.00 N |
| CE_DUNWOOD___DRP 24194 | 75.78 4.87 -12.32 N | 66.36 4.96 0.00 N | 57.01 2.78 -18.96 N | 43.28 3.14 0.00 N | 34.09 2.53 0.00 N | 73.37 5.77 0.00 N | 60.83 5.02 -2.17 N | 43.76 3.79 -0.10 N | 55.89 5.19 -0.14 N | 81.23 7.51 -2.33 N | 109.46 10.28 -2.68 N | 87.16 7.15 -11.53 N | 66.15 6.32 -0.15 N | 60.34 5.29 -4.24 N | 48.31 4.55 0.00 N | 33.36 3.19 0.00 N | 38.30 2.87 -8.95 N | 64.02 5.87 -5.97 N | 82.43 5.95 -24.46 N | 70.28 7.47 0.00 N | 69.63 7.31 0.00 N | 62.82 6.31 -2.73 N | 59.48 3.00 -28.99 N | 54.05 4.83 0.00 N |
| CE_MILLWOOD___DRP 24193 | 75.59 4.71 -12.29 N | 66.18 4.78 0.00 N | 56.88 2.70 -18.92 N | 43.17 3.03 0.00 N | 34.01 2.45 0.00 N | 73.19 5.59 0.00 N | 60.67 4.86 -2.17 N | 43.64 3.67 -0.10 N | 55.73 5.03 -0.14 N | 80.99 7.27 -2.33 N | 109.12 9.95 -2.68 N | 86.91 6.93 -11.50 N | 65.95 6.11 -0.15 N | 60.15 5.11 -4.23 N | 48.16 4.40 0.00 N | 33.26 3.09 0.00 N | 38.19 2.78 -8.93 N | 63.84 5.70 -5.96 N | 82.19 5.78 -24.40 N | 70.09 7.27 0.00 N | 69.44 7.12 0.00 N | 62.64 6.13 -2.72 N | 59.32 2.90 -28.92 N | 53.90 4.68 0.00 N |
| CE_NYC2_DRP 24202 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.36 2.81 0.00 N | 74.01 6.41 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.52 5.82 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.47 -2.69 N | 88.04 8.02 -11.54 N | 66.95 7.11 -0.15 N | 61.02 5.97 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.66 3.22 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 70.99 8.17 0.00 N | 70.37 8.05 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N |
| CE_NYC_DRP 24195 | 76.22 5.29 -12.33 N | 66.79 5.38 0.00 N | 57.23 2.99 -18.98 N | 43.53 3.39 0.00 N | 34.27 2.71 0.00 N | 73.83 6.22 0.00 N | 61.22 5.40 -2.17 N | 44.04 4.08 -0.10 N | 56.33 5.62 -0.14 N | 81.88 8.16 -2.33 N | 110.35 11.16 -2.69 N | 87.77 7.75 -11.54 N | 66.71 6.88 -0.15 N | 60.82 5.76 -4.24 N | 48.72 4.96 0.00 N | 33.65 3.48 0.00 N | 38.55 3.11 -8.96 N | 64.50 6.34 -5.98 N | 82.88 6.38 -24.48 N | 70.84 8.03 0.00 N | 70.18 7.86 0.00 N | 63.28 6.77 -2.73 N | 59.75 3.24 -29.02 N | 54.42 5.20 0.00 N |
| CHAFFEE___LFGE 323603 | 57.99 -2.54 -1.94 N | 58.93 -2.48 0.00 N | 36.83 -1.41 -2.98 N | 38.82 -1.32 0.00 N | 30.61 -0.95 0.00 N | 65.25 -2.35 0.00 N | 52.24 -1.75 -0.34 N | 38.09 -1.79 -0.02 N | 48.30 -2.29 -0.02 N | 68.35 -3.41 -0.37 N | 92.15 -4.78 -0.42 N | 66.77 -3.52 -1.81 N | 56.98 -2.73 -0.02 N | 49.08 -2.39 -0.67 N | 41.83 -1.93 0.00 N | 28.75 -1.42 0.00 N | 26.47 -1.45 -1.45 N | 51.00 -2.15 -0.97 N | 53.79 -2.19 -3.95 N | 60.67 -2.14 0.00 N | 60.04 -2.28 0.00 N | 52.10 -2.13 -0.44 N | 31.88 -0.30 -4.69 N | 48.29 -0.93 0.00 N |
| CHATEAUG_WT_PWR 323614 | 57.15 -1.44 0.00 N | 60.04 -1.37 0.00 N | 34.46 -0.80 0.00 N | 39.24 -0.90 0.00 N | 30.85 -0.71 0.00 N | 66.04 -1.56 0.00 N | 52.28 -1.36 0.00 N | 38.98 -0.89 0.00 N | 49.44 -1.12 0.00 N | 69.76 -1.63 0.00 N | 94.12 -2.38 0.00 N | 66.91 -1.57 0.00 N | 57.96 -1.72 0.00 N | 49.50 -1.31 0.00 N | 42.62 -1.14 0.00 N | 29.28 -0.88 0.00 N | 25.61 -0.87 0.00 N | 50.52 -1.67 0.00 N | 50.34 -1.68 0.00 N | 60.52 -2.30 0.00 N | 60.06 -2.26 0.00 N | 51.86 -1.92 0.00 N | 26.30 -1.20 0.00 N | 47.36 -1.86 0.00 N |
| CHAT_HIGH_FALL_HYD 323578 | 56.77 -1.83 0.00 N | 59.60 -1.81 0.00 N | 34.17 -1.09 0.00 N | 38.93 -1.21 0.00 N | 30.58 -0.98 0.00 N | 65.49 -2.12 0.00 N | 51.81 -1.83 0.00 N | 38.63 -1.24 0.00 N | 48.99 -1.57 0.00 N | 69.14 -2.25 0.00 N | 93.32 -3.18 0.00 N | 66.35 -2.13 0.00 N | 57.53 -2.16 0.00 N | 49.11 -1.71 0.00 N | 42.27 -1.50 0.00 N | 29.05 -1.11 0.00 N | 25.42 -1.06 0.00 N | 50.13 -2.05 0.00 N | 49.95 -2.07 0.00 N | 60.09 -2.72 0.00 N | 59.65 -2.67 0.00 N | 51.49 -2.29 0.00 N | 26.12 -1.37 0.00 N | 47.04 -2.19 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 75.99 4.44 -12.96 N | 65.94 4.53 0.00 N | 57.79 2.59 -19.94 N | 43.00 2.86 0.00 N | 33.91 2.35 0.00 N | 72.95 5.35 0.00 N | 60.53 4.60 -2.28 N | 43.44 3.47 -0.10 N | 55.40 4.69 -0.15 N | 80.64 6.80 -2.45 N | 108.63 9.31 -2.82 N | 87.14 6.54 -12.12 N | 65.60 5.75 -0.16 N | 60.14 4.87 -4.46 N | 47.96 4.20 0.00 N | 33.11 2.94 0.00 N | 38.53 2.64 -9.41 N | 63.81 5.35 -6.28 N | 83.14 5.41 -25.71 N | 69.57 6.76 0.00 N | 68.94 6.62 0.00 N | 62.37 5.72 -2.87 N | 60.73 2.75 -30.48 N | 53.65 4.42 0.00 N |
| CH_MISC_IPPS 23765 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| CH_RES_BVR_FALLS 23983 | 57.57 -0.35 0.67 N | 61.10 -0.31 0.00 N | 34.02 -0.21 1.03 N | 39.94 -0.20 0.00 N | 31.32 -0.23 0.00 N | 67.04 -0.55 0.00 N | 53.01 -0.51 0.12 N | 39.43 -0.44 0.00 N | 49.91 -0.64 0.01 N | 70.40 -0.86 0.13 N | 95.30 -1.05 0.15 N | 67.16 -0.69 0.63 N | 58.95 -0.72 0.01 N | 49.93 -0.65 0.23 N | 43.14 -0.62 0.00 N | 29.68 -0.48 0.00 N | 25.48 -0.52 0.49 N | 50.80 -1.06 0.32 N | 49.65 -1.04 1.33 N | 61.45 -1.36 0.00 N | 60.86 -1.46 0.00 N | 52.34 -1.29 0.15 N | 25.31 -0.61 1.58 N | 48.24 -0.98 0.00 N |
| CH_RES_NIAGARA 23895 | 54.16 -6.16 -1.72 N | 55.28 -6.13 0.00 N | 34.44 -3.47 -2.65 N | 36.40 -3.74 0.00 N | 28.69 -2.87 0.00 N | 61.11 -6.50 0.00 N | 48.47 -5.47 -0.30 N | 34.88 -5.01 -0.01 N | 43.75 -6.83 -0.02 N | 61.64 -10.07 -0.33 N | 83.01 -13.86 -0.38 N | 60.62 -9.47 -1.61 N | 52.09 -7.62 -0.02 N | 44.89 -6.52 -0.59 N | 38.18 -5.58 0.00 N | 26.32 -3.85 0.00 N | 24.11 -3.63 -1.27 N | 46.08 -6.95 -0.85 N | 48.36 -7.12 -3.46 N | 54.54 -8.28 0.00 N | 54.09 -8.22 0.00 N | 47.09 -7.07 -0.39 N | 29.21 -2.38 -4.10 N | 44.92 -4.30 0.00 N |
| CH_RES_SYRACUSE 23985 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N |
| CLINTON_WT_PWR 323605 | 57.15 -1.44 0.00 N | 60.04 -1.37 0.00 N | 34.46 -0.80 0.00 N | 39.24 -0.90 0.00 N | 30.85 -0.71 0.00 N | 66.04 -1.56 0.00 N | 52.28 -1.36 0.00 N | 38.98 -0.89 0.00 N | 49.44 -1.12 0.00 N | 69.76 -1.63 0.00 N | 94.12 -2.38 0.00 N | 66.91 -1.57 0.00 N | 57.96 -1.72 0.00 N | 49.50 -1.31 0.00 N | 42.62 -1.14 0.00 N | 29.28 -0.88 0.00 N | 25.61 -0.87 0.00 N | 50.52 -1.67 0.00 N | 50.34 -1.68 0.00 N | 60.52 -2.30 0.00 N | 60.06 -2.26 0.00 N | 51.86 -1.92 0.00 N | 26.30 -1.20 0.00 N | 47.36 -1.86 0.00 N |

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|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| CLINTON___LFGE 323618 | 57.71 -0.88 0.00 N | 60.57 -0.83 0.00 N | 34.80 -0.46 0.00 N | 39.58 -0.56 0.00 N | 31.19 -0.37 0.00 N | 66.79 -0.82 0.00 N | 52.91 -0.74 0.00 N | 39.49 -0.38 0.00 N | 50.14 -0.42 0.00 N | 70.85 -0.54 0.00 N | 95.63 -0.87 0.00 N | 68.01 -0.47 0.00 N | 58.81 -0.87 0.00 N | 50.25 -0.56 0.00 N | 43.28 -0.48 0.00 N | 29.72 -0.45 0.00 N | 25.99 -0.49 0.00 N | 51.37 -0.81 0.00 N | 51.21 -0.81 0.00 N | 61.59 -1.22 0.00 N | 61.04 -1.27 0.00 N | 52.70 -1.08 0.00 N | 26.68 -0.82 0.00 N | 47.97 -1.25 0.00 N |
| COLONIE_LFGE___ 323577 | 78.78 4.37 -15.82 N | 66.00 4.59 0.00 N | 62.32 2.71 -24.35 N | 42.95 2.81 0.00 N | 33.88 2.32 0.00 N | 73.13 5.52 0.00 N | 60.95 4.52 -2.79 N | 43.27 3.28 -0.12 N | 54.81 4.07 -0.18 N | 80.03 5.65 -3.00 N | 107.81 7.86 -3.45 N | 88.86 5.58 -14.81 N | 64.76 4.88 -0.20 N | 60.46 4.20 -5.44 N | 47.42 3.67 0.00 N | 32.58 2.41 -0.01 N | 40.04 2.07 -11.49 N | 64.03 4.18 -7.67 N | 87.59 4.16 -31.41 N | 67.87 5.05 0.00 N | 67.36 5.04 0.00 N | 61.70 4.41 -3.51 N | 66.93 2.20 -37.23 N | 53.03 3.81 0.00 N |
| CORNELL____ 23752 | 59.71 -1.00 -2.12 N | 60.47 -0.94 0.00 N | 38.14 -0.38 -3.26 N | 39.84 -0.30 0.00 N | 31.68 0.12 0.00 N | 66.93 -0.67 0.00 N | 53.81 -0.21 -0.37 N | 39.98 0.10 -0.02 N | 50.97 0.38 -0.02 N | 71.84 0.05 -0.40 N | 97.08 0.11 -0.46 N | 70.56 0.10 -1.98 N | 59.50 -0.21 -0.03 N | 51.27 -0.27 -0.73 N | 43.65 -0.12 0.00 N | 30.29 0.13 0.00 N | 28.18 0.16 -1.54 N | 53.80 0.60 -1.02 N | 56.82 0.60 -4.19 N | 63.87 1.05 0.00 N | 62.80 0.48 0.00 N | 54.34 0.09 -0.47 N | 32.44 -0.03 -4.97 N | 49.17 -0.05 0.00 N |
| COXSACKIE___GT 23611 | 77.65 5.47 -13.59 N | 67.02 5.62 0.00 N | 59.40 3.23 -20.91 N | 43.71 3.57 0.00 N | 34.45 2.90 0.00 N | 74.23 6.63 0.00 N | 61.63 5.59 -2.40 N | 44.20 4.23 -0.11 N | 56.24 5.52 -0.15 N | 81.96 7.99 -2.57 N | 110.33 10.87 -2.96 N | 88.84 7.65 -12.71 N | 66.53 6.67 -0.17 N | 61.16 5.67 -4.68 N | 48.62 4.86 0.00 N | 33.47 3.30 0.00 N | 39.28 2.94 -9.87 N | 64.86 6.09 -6.58 N | 85.10 6.12 -26.96 N | 70.29 7.48 0.00 N | 69.63 7.31 0.00 N | 63.03 6.24 -3.01 N | 62.46 3.01 -31.96 N | 54.15 4.93 0.00 N |
| CRESCENT___HYD 24018 | 78.78 4.37 -15.82 N | 66.00 4.59 0.00 N | 62.32 2.71 -24.35 N | 42.95 2.81 0.00 N | 33.88 2.32 0.00 N | 73.13 5.52 0.00 N | 60.95 4.52 -2.79 N | 43.27 3.28 -0.12 N | 54.81 4.07 -0.18 N | 80.03 5.65 -3.00 N | 107.81 7.86 -3.45 N | 88.86 5.58 -14.81 N | 64.76 4.88 -0.20 N | 60.46 4.20 -5.44 N | 47.42 3.67 0.00 N | 32.58 2.41 -0.01 N | 40.04 2.07 -11.49 N | 64.03 4.18 -7.67 N | 87.59 4.16 -31.41 N | 67.87 5.05 0.00 N | 67.36 5.04 0.00 N | 61.70 4.41 -3.51 N | 66.93 2.20 -37.23 N | 53.03 3.81 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N |
| DANC___LFGE 323619 | 61.39 2.42 -0.37 N | 63.82 2.42 0.00 N | 37.13 1.29 -0.57 N | 41.62 1.49 0.00 N | 32.53 0.98 0.00 N | 69.46 1.86 0.00 N | 55.41 1.70 -0.07 N | 41.32 1.45 0.00 N | 52.65 2.09 0.00 N | 74.24 2.79 -0.07 N | 100.36 3.78 -0.08 N | 71.36 2.53 -0.35 N | 61.87 2.18 0.00 N | 52.74 1.80 -0.13 N | 45.36 1.60 0.00 N | 31.24 1.08 0.00 N | 27.71 0.96 -0.27 N | 54.41 2.05 -0.18 N | 54.64 1.88 -0.74 N | 64.96 2.15 0.00 N | 64.24 1.93 0.00 N | 55.11 1.25 -0.08 N | 28.77 0.39 -0.88 N | 50.11 0.89 0.00 N |
| DANSKAMMER___1 23586 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| DANSKAMMER___2 23589 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| DANSKAMMER___3 23590 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| DANSKAMMER___4 23591 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| DANSKAMMER___DIESEL 23592 | 74.58 3.51 -12.48 N | 64.95 3.55 0.00 N | 56.52 2.05 -19.20 N | 42.52 2.38 0.00 N | 33.66 2.10 0.00 N | 72.12 4.52 0.00 N | 59.61 3.77 -2.20 N | 42.88 2.92 -0.10 N | 54.71 4.01 -0.14 N | 79.46 5.71 -2.36 N | 107.02 7.81 -2.72 N | 85.63 5.47 -11.68 N | 64.69 4.85 -0.16 N | 59.19 4.08 -4.30 N | 47.30 3.54 0.00 N | 32.81 2.65 0.00 N | 37.92 2.38 -9.06 N | 63.01 4.78 -6.05 N | 81.52 4.73 -24.77 N | 68.80 5.98 0.00 N | 68.13 5.81 0.00 N | 61.52 4.98 -2.76 N | 59.22 2.36 -29.36 N | 52.93 3.70 0.00 N |
| DASHVILLE___HYD 23610 | 75.25 4.14 -12.51 N | 65.58 4.18 0.00 N | 56.88 2.36 -19.26 N | 42.74 2.60 0.00 N | 33.69 2.13 0.00 N | 72.43 4.83 0.00 N | 60.05 4.20 -2.21 N | 43.18 3.21 -0.10 N | 55.15 4.45 -0.14 N | 80.25 6.49 -2.37 N | 108.27 9.04 -2.73 N | 86.52 6.33 -11.71 N | 65.42 5.58 -0.16 N | 59.81 4.69 -4.31 N | 47.80 4.04 0.00 N | 33.03 2.86 0.00 N | 38.14 2.57 -9.09 N | 63.48 5.23 -6.06 N | 82.24 5.38 -24.84 N | 69.62 6.81 0.00 N | 68.95 6.64 0.00 N | 62.26 5.71 -2.77 N | 59.65 2.71 -29.44 N | 53.52 4.29 0.00 N |
| DELAWARE___LFGE 323621 | 66.34 2.48 -5.27 N | 63.99 2.58 0.00 N | 44.84 1.47 -8.11 N | 41.84 1.70 0.00 N | 32.93 1.37 0.00 N | 70.62 3.02 0.00 N | 57.22 2.65 -0.93 N | 41.97 2.07 -0.04 N | 53.46 2.84 -0.06 N | 76.34 3.96 -1.00 N | 102.96 5.32 -1.15 N | 77.08 3.67 -4.93 N | 62.98 3.23 -0.07 N | 55.30 2.67 -1.81 N | 46.07 2.31 0.00 N | 31.78 1.62 0.00 N | 31.76 1.45 -3.83 N | 57.79 3.05 -2.55 N | 65.54 3.07 -10.45 N | 66.78 3.96 0.00 N | 66.09 3.77 0.00 N | 58.12 3.17 -1.17 N | 41.41 1.52 -12.39 N | 51.72 2.50 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 |
|--------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-----------------------------|---|
| DOGLEVILLE___HYD 23807 | 63.12 4.96 0.44 N | 66.54 5.13 0.00 N | 37.69 3.10 0.67 N | 43.60 3.46 0.00 N | 34.33 2.77 0.00 N | 74.04 6.43 0.00 N | 58.90 5.33 0.08 N | 43.71 3.84 0.00 N | 55.50 4.95 0.00 N | 78.13 6.83 0.08 N | 105.65 9.24 0.09 N | 74.54 6.47 0.41 N | 65.27 5.59 0.00 N | 55.33 4.67 0.15 N | 47.86 4.10 0.00 N | 32.87 2.71 0.00 N | 28.59 2.42 0.32 N | 56.84 4.87 0.21 N | 56.11 4.97 0.87 N | 69.04 6.22 0.00 N | 68.37 6.05 0.00 N | 58.80 5.12 0.10 N | 28.99 2.52 1.03 N | 53.66 4.44 0.00 N | |
| DUNKIRK___1 23563 | 56.19 -4.46 -2.06 N | 56.89 -4.52 0.00 N | 35.91 -2.52 -3.17 N | 37.68 -2.46 0.00 N | 29.74 -1.81 0.00 N | 63.19 -4.41 0.00 N | 50.82 -3.19 -0.36 N | 37.29 -2.59 -0.02 N | 47.45 -3.13 -0.02 N | 67.42 -4.36 -0.39 N | 90.93 -6.02 -0.45 N | 65.72 -4.68 -1.93 N | 55.89 -3.82 -0.03 N | 48.23 -3.29 -0.71 N | 41.21 -2.55 0.00 N | 28.28 -1.88 0.00 N | 26.12 -1.91 -1.55 N | 50.03 -3.19 -1.03 N | 52.97 -3.28 -4.23 N | 59.23 -3.58 0.00 N | 58.81 -3.51 0.00 N | 51.22 -3.04 -0.47 N | 31.65 -0.86 -5.02 N | 46.92 -2.30 0.00 N | |
| DUNKIRK___2 23564 | 56.19 -4.46 -2.06 N | 56.89 -4.52 0.00 N | 35.91 -2.52 -3.17 N | 37.68 -2.46 0.00 N | 29.74 -1.81 0.00 N | 63.19 -4.41 0.00 N | 50.82 -3.19 -0.36 N | 37.29 -2.59 -0.02 N | 47.45 -3.13 -0.02 N | 67.42 -4.36 -0.39 N | 90.93 -6.02 -0.45 N | 65.72 -4.68 -1.93 N | 55.89 -3.82 -0.03 N | 48.23 -3.29 -0.71 N | 41.21 -2.55 0.00 N | 28.28 -1.88 0.00 N | 26.12 -1.91 -1.55 N | 50.03 -3.19 -1.03 N | 52.97 -3.28 -4.23 N | 59.23 -3.58 0.00 N | 58.81 -3.51 0.00 N | 51.22 -3.04 -0.47 N | 31.65 -0.86 -5.02 N | 46.92 -2.30 0.00 N | |
| DUNKIRK___3 23565 | 56.26 -4.43 -2.10 N | 56.92 -4.48 0.00 N | 35.99 -2.51 -3.24 N | 37.66 -2.48 0.00 N | 29.69 -1.87 0.00 N | 63.18 -4.43 0.00 N | 50.74 -3.27 -0.37 N | 37.15 -2.73 -0.02 N | 47.20 -3.38 -0.02 N | 67.00 -4.78 -0.40 N | 90.33 -6.63 -0.46 N | 65.43 -5.02 -1.97 N | 55.63 -4.08 -0.03 N | 47.99 -3.55 -0.72 N | 40.93 -2.83 0.00 N | 28.15 -2.01 -1.55 N | 26.07 -1.96 -1.03 N | 49.95 -3.27 -1.03 N | 52.88 -3.37 -4.23 N | 59.12 -3.70 0.00 N | 58.68 -3.64 0.00 N | 51.12 -3.14 -0.47 N | 31.64 -0.87 -5.02 N | 46.99 -2.23 0.00 N | |
| DUNKIRK___4 23566 | 56.26 -4.43 -2.10 N | 56.92 -4.48 0.00 N | 35.99 -2.51 -3.24 N | 37.66 -2.48 0.00 N | 29.69 -1.87 0.00 N | 63.18 -4.43 0.00 N | 50.74 -3.27 -0.37 N | 37.15 -2.73 -0.02 N | 47.20 -3.38 -0.02 N | 67.00 -4.78 -0.40 N | 90.33 -6.63 -0.46 N | 65.43 -5.02 -1.97 N | 55.63 -4.08 -0.03 N | 47.99 -3.55 -0.72 N | 40.93 -2.83 0.00 N | 28.15 -2.01 -1.55 N | 26.07 -1.96 -1.03 N | 49.95 -3.27 -1.03 N | 52.88 -3.37 -4.23 N | 59.12 -3.70 0.00 N | 58.68 -3.64 0.00 N | 51.12 -3.14 -0.47 N | 31.64 -0.87 -5.02 N | 46.99 -2.23 0.00 N | |
| EAST HAMPTON___GT 23717 | 79.87 8.94 -12.34 N | 70.41 9.01 0.00 N | 59.23 4.99 -18.98 N | 45.77 5.63 0.00 N | 36.17 4.61 0.00 N | 77.70 10.10 0.00 N | 64.64 8.82 -2.18 N | 46.79 6.83 -0.10 N | 60.26 9.56 -0.14 N | 145.06 14.20 -59.47 N | 175.57 18.88 -60.19 N | 123.97 13.09 -42.40 N | 122.59 11.32 -51.59 N | 125.87 9.44 -65.62 N | 116.01 8.04 -64.21 N | 114.71 5.59 -78.96 N | 124.28 5.14 -92.66 N | 114.87 10.83 -51.87 N | 106.61 11.09 -43.50 N | 153.93 13.79 -77.33 N | 126.92 13.50 -51.10 N | 118.28 11.03 -53.46 N | 65.54 5.19 -32.86 N | 57.42 8.20 0.00 N | |
| EAST RIVER___6 23660 | 76.18 5.25 -12.33 N | 66.75 5.34 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.76 6.15 0.00 N | 61.20 5.38 -2.17 N | 44.01 4.05 -0.10 N | 56.28 5.57 -0.14 N | 81.83 8.11 -2.33 N | 110.28 11.09 -2.69 N | 87.71 7.69 -11.54 N | 66.67 6.84 -0.15 N | 60.79 5.73 -4.24 N | 48.70 4.94 0.00 N | 33.63 3.47 0.00 N | 38.53 3.10 -8.96 N | 64.47 6.31 -5.98 N | 82.84 6.34 -24.48 N | 70.80 7.99 0.00 N | 70.15 7.83 0.00 N | 63.24 6.73 -2.73 N | 59.73 3.21 -29.02 N | 54.36 5.14 0.00 N | |
| EAST RIVER___7 23524 | 76.18 5.25 -12.33 N | 66.75 5.34 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.76 6.15 0.00 N | 61.20 5.38 -2.17 N | 44.01 4.05 -0.10 N | 56.28 5.57 -0.14 N | 81.83 8.11 -2.33 N | 110.28 11.09 -2.69 N | 87.71 7.69 -11.54 N | 66.67 6.84 -0.15 N | 60.79 5.73 -4.24 N | 48.70 4.94 0.00 N | 33.63 3.47 0.00 N | 38.53 3.10 -8.96 N | 64.47 6.31 -5.98 N | 82.84 6.34 -24.48 N | 70.80 7.99 0.00 N | 70.15 7.83 0.00 N | 63.24 6.73 -2.73 N | 59.73 3.21 -29.02 N | 54.36 5.14 0.00 N | |
| EAST_HAMPTON___DIESEL 23722 | 79.87 8.94 -12.34 N | 70.41 9.01 0.00 N | 59.23 4.99 -18.98 N | 45.77 5.63 0.00 N | 36.17 4.61 0.00 N | 77.70 10.10 0.00 N | 64.64 8.82 -2.18 N | 46.79 6.83 -0.10 N | 60.26 9.56 -0.14 N | 145.06 14.20 -59.47 N | 175.57 18.88 -60.19 N | 123.97 13.09 -42.40 N | 122.59 11.32 -51.59 N | 125.87 9.44 -65.62 N | 116.01 8.04 -64.21 N | 114.71 5.59 -78.96 N | 124.28 5.14 -92.66 N | 114.87 10.83 -51.87 N | 106.61 11.09 -43.50 N | 153.93 13.79 -77.33 N | 126.92 13.50 -51.10 N | 118.28 11.03 -53.46 N | 65.54 5.19 -32.86 N | 57.42 8.20 0.00 N | |
| EAST_RIVER___1 323558 | 76.22 5.29 -12.33 N | 66.79 5.38 0.00 N | 57.23 2.99 -18.98 N | 43.53 3.39 0.00 N | 34.27 2.71 0.00 N | 73.83 6.22 0.00 N | 61.22 5.40 -2.17 N | 44.04 4.08 -0.10 N | 56.33 5.62 -0.14 N | 81.88 8.16 -2.33 N | 110.35 11.16 -2.69 N | 87.77 7.75 -11.54 N | 66.71 6.88 -0.15 N | 60.82 5.76 -4.24 N | 48.72 4.96 0.00 N | 33.65 3.48 0.00 N | 38.55 3.11 -8.96 N | 64.50 6.34 -5.98 N | 82.88 6.38 -24.48 N | 70.84 8.03 0.00 N | 70.18 7.86 0.00 N | 63.28 6.77 -2.73 N | 59.75 3.24 -29.02 N | 54.42 5.20 0.00 N | |
| EAST_RIVER___2 323559 | 76.18 5.25 -12.33 N | 66.75 5.34 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.76 6.15 0.00 N | 61.20 5.38 -2.17 N | 44.01 4.05 -0.10 N | 56.28 5.57 -0.14 N | 81.83 8.11 -2.33 N | 110.28 11.09 -2.69 N | 87.71 7.69 -11.54 N | 66.67 6.84 -0.15 N | 60.79 5.73 -4.24 N | 48.70 4.94 0.00 N | 33.63 3.47 0.00 N | 38.53 3.10 -8.96 N | 64.47 6.31 -5.98 N | 82.84 6.34 -24.48 N | 70.80 7.99 0.00 N | 70.15 7.83 0.00 N | 63.24 6.73 -2.73 N | 59.73 3.21 -29.02 N | 54.36 5.14 0.00 N | |
| EAST___DELAWARE_HYD 23607 | 73.75 4.72 -10.44 N | 66.28 4.88 0.00 N | 54.12 2.79 -16.07 N | 43.39 3.25 0.00 N | 34.18 2.62 0.00 N | 73.55 5.95 0.00 N | 60.61 5.13 -1.84 N | 43.82 3.87 -0.08 N | 55.93 5.25 -0.12 N | 80.54 7.18 -1.98 N | 108.35 9.58 -2.27 N | 84.76 6.51 -9.77 N | 65.52 5.71 -0.13 N | 59.18 4.77 -3.59 N | 47.88 4.13 0.00 N | 33.07 2.90 0.00 N | 36.72 2.65 -7.58 N | 62.85 5.61 -5.06 N | 78.30 5.56 -20.72 N | 69.79 6.98 0.00 N | 68.83 6.52 0.00 N | 61.58 5.49 -2.31 N | 54.69 2.63 -24.56 N | 53.82 4.59 0.00 N | |
| ELEC_TRO_TEK 24086 | 76.40 5.47 -12.34 N | 66.88 5.47 0.00 N | 57.26 3.01 -18.98 N | 43.49 3.35 0.00 N | 34.20 2.64 0.00 N | 73.58 5.98 0.00 N | 61.09 5.27 -2.18 N | 44.03 4.07 -0.10 N | 56.42 5.71 -0.14 N | 139.43 8.57 -59.47 N | 169.81 11.69 -61.63 N | 124.52 8.20 -47.84 N | 127.75 7.25 -60.82 N | 127.71 6.09 -70.81 N | 115.33 5.24 -66.32 N | 114.18 3.68 -80.34 N | 132.85 3.29 -103.08 N | 120.89 6.71 -62.00 N | 115.59 6.81 -56.76 N | 151.71 8.51 -80.38 N | 123.77 8.40 -53.06 N | 119.68 7.15 -58.75 N | 64.68 3.49 -33.70 N | 54.64 5.42 0.00 N | |
| ELLENBURG_WT_PWR | 57.15 | 60.04 | 34.46 | 39.24 | 30.85 | 66.04 | 52.28 | 38.98 | 49.44 | 69.76 | 94.12 | 66.91 | 57.96 | 49.50 | 42.62 | 29.28 | 25.61 | 50.52 | 50.34 | 60.52 | 60.06 | 51.86 | 26.30 | 47.36 | |

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| 323604 | -1.44 0.00 N | -1.37 0.00 N | -0.80 0.00 N | -0.90 0.00 N | -0.71 0.00 N | -1.56 0.00 N | -1.36 0.00 N | -0.89 0.00 N | -1.12 0.00 N | -1.63 0.00 N | -2.38 0.00 N | -1.57 0.00 N | -1.72 0.00 N | -1.31 0.00 N | -1.14 0.00 N | -0.88 0.00 N | -0.87 0.00 N | -1.67 0.00 N | -1.68 0.00 N | -2.30 0.00 N | -2.26 0.00 N | -1.92 0.00 N | -1.20 0.00 N | -1.86 0.00 N |
| E_CANADA_CAP_HY 24051 | 81.06 2.50 -19.97 N | 64.02 2.61 0.00 N | 67.30 1.31 -30.73 N | 41.67 1.53 0.00 N | 32.79 1.23 0.00 N | 70.07 2.47 0.00 N | 59.11 1.95 -3.52 N | 41.76 1.73 -0.16 N | 53.23 2.44 -0.23 N | 78.53 3.36 -3.78 N | 105.80 4.95 -4.35 N | 90.64 3.48 -18.69 N | 62.87 2.94 -0.25 N | 60.10 2.41 -6.87 N | 45.82 2.06 0.00 N | 31.63 1.46 -0.01 N | 42.35 1.37 -14.51 N | 65.12 3.26 -9.68 N | 94.75 3.09 -39.64 N | 66.69 3.88 0.00 N | 65.84 3.52 0.00 N | 60.89 2.68 -4.42 N | 75.50 1.02 -46.99 N | 51.23 2.01 0.00 N |
| E_CANADA_MHWK_HY 24050 | 63.12 4.96 0.44 N | 66.54 5.13 0.00 N | 37.69 3.10 0.67 N | 43.60 3.46 0.00 N | 34.33 2.77 0.00 N | 74.04 6.43 0.00 N | 58.90 5.33 0.08 N | 43.71 3.84 0.00 N | 55.50 4.95 0.00 N | 78.13 6.83 0.08 N | 105.65 9.24 0.09 N | 74.54 6.47 0.41 N | 65.27 5.59 0.00 N | 55.33 4.67 0.15 N | 47.86 4.10 0.00 N | 32.87 2.71 0.00 N | 28.59 2.42 0.32 N | 56.84 4.87 0.21 N | 56.11 4.97 0.87 N | 69.04 6.22 0.00 N | 68.37 6.05 0.00 N | 58.80 5.12 0.10 N | 28.99 2.52 1.03 N | 53.66 4.44 0.00 N |
| E_FISHKILL___LBMP 23776 | 75.49 4.32 -12.58 N | 65.82 4.42 0.00 N | 57.14 2.52 -19.36 N | 42.93 2.79 0.00 N | 33.83 2.27 0.00 N | 72.80 5.20 0.00 N | 60.35 4.49 -2.22 N | 43.35 3.38 -0.10 N | 55.30 4.59 -0.14 N | 80.36 6.59 -2.38 N | 108.26 9.01 -2.74 N | 86.56 6.31 -11.77 N | 65.39 5.56 -0.16 N | 59.84 4.70 -4.33 N | 47.81 4.05 0.00 N | 33.00 2.83 0.00 N | 38.15 2.54 -9.14 N | 63.45 5.17 -6.10 N | 82.22 5.23 -24.97 N | 69.36 6.55 0.00 N | 68.74 6.42 0.00 N | 62.11 5.54 -2.79 N | 59.75 2.65 -29.60 N | 53.51 4.29 0.00 N |
| FAR ROCKAWAY___4 23548 | 77.79 6.86 -12.34 N | 68.32 6.92 0.00 N | 58.06 3.82 -18.98 N | 44.42 4.28 0.00 N | 34.99 3.43 0.00 N | 75.19 7.58 0.00 N | 62.36 6.54 -2.18 N | 45.01 5.04 -0.10 N | 57.73 7.03 -0.14 N | 141.05 10.19 -59.47 N | 183.20 13.73 -72.97 N | 168.80 9.62 -90.70 N | 201.84 8.52 -133.64 N | 169.74 7.16 -111.77 N | 132.92 6.13 -83.02 N | 125.70 4.28 -91.25 N | 215.62 3.84 -185.29 N | 202.02 7.90 -141.94 N | 221.52 8.07 -161.43 N | 177.46 10.15 -104.49 N | 140.65 9.85 -68.48 N | 162.62 8.40 -100.44 N | 71.98 4.16 -40.32 N | 55.90 6.67 -0.01 N |
| FARRAGUT___LBMP 323566 | 76.18 5.25 -12.33 N | 66.75 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.78 6.18 0.00 N | 61.19 5.38 -2.17 N | 44.02 4.06 -0.10 N | 56.29 5.58 -0.14 N | 81.84 8.11 -2.33 N | 110.28 11.09 -2.69 N | 87.70 7.68 -11.54 N | 66.67 6.83 -0.15 N | 60.79 5.73 -4.24 N | 48.70 4.94 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.45 6.29 -5.98 N | 82.83 6.33 -24.48 N | 70.78 7.96 0.00 N | 70.12 7.80 0.00 N | 63.24 6.72 -2.73 N | 59.73 3.21 -29.02 N | 54.38 5.16 0.00 N |
| FENNER___WINDPWR 24204 | 60.52 1.42 -0.51 N | 62.86 1.45 0.00 N | 36.91 0.86 -0.79 N | 41.16 1.02 0.00 N | 32.43 0.88 0.00 N | 69.26 1.66 0.00 N | 55.20 1.47 -0.09 N | 41.05 1.18 0.00 N | 52.20 1.63 -0.01 N | 73.59 2.11 -0.10 N | 99.54 2.93 -0.11 N | 70.97 2.01 -0.48 N | 61.40 1.71 -0.01 N | 52.34 1.36 -0.18 N | 44.97 1.21 0.00 N | 31.03 0.87 0.00 N | 27.65 0.80 -0.37 N | 54.24 1.81 -0.25 N | 54.83 1.80 -1.02 N | 65.13 2.31 0.00 N | 64.29 1.97 0.00 N | 55.38 1.48 -0.11 N | 29.39 0.69 -1.21 N | 50.56 1.34 0.00 N |
| FIBERTEK___ENERGY 23856 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N |
| FITZPATRICK____ 23598 | 57.98 -1.33 -0.72 N | 59.94 -1.46 0.00 N | 35.58 -0.80 -1.11 N | 39.25 -0.89 0.00 N | 30.87 -0.69 0.00 N | 65.88 -1.72 0.00 N | 52.38 -1.39 -0.13 N | 38.84 -1.03 -0.01 N | 49.20 -1.37 -0.01 N | 69.43 -2.09 -0.14 N | 93.80 -2.86 -0.16 N | 67.09 -2.06 -0.67 N | 57.93 -1.76 -0.01 N | 49.51 -1.55 -0.25 N | 42.45 -1.31 0.00 N | 29.29 -0.87 0.00 N | 26.22 -0.78 -0.52 N | 51.01 -1.53 -0.35 N | 51.90 -1.55 -1.44 N | 60.98 -1.84 0.00 N | 60.39 -1.93 0.00 N | 52.28 -1.66 -0.16 N | 28.47 -0.72 -1.70 N | 48.12 -1.10 0.00 N |
| FORT ORANGE____ 23900 | 77.68 3.60 -15.49 N | 65.12 3.71 0.00 N | 61.27 2.18 -23.83 N | 42.46 2.32 0.00 N | 33.48 1.92 0.00 N | 72.11 4.51 0.00 N | 60.17 3.80 -2.73 N | 42.80 2.81 -0.12 N | 54.17 3.43 -0.18 N | 79.04 4.72 -2.93 N | 106.32 6.45 -3.37 N | 87.54 4.57 -14.49 N | 63.91 4.03 -0.19 N | 59.66 3.52 -5.33 N | 46.79 3.03 0.00 N | 32.13 1.96 -0.01 N | 39.37 1.64 -11.25 N | 62.76 3.07 -7.50 N | 85.80 3.04 -30.74 N | 66.53 3.72 0.00 N | 66.01 3.69 0.00 N | 60.48 3.27 -3.43 N | 65.69 1.76 -36.43 N | 52.36 3.13 0.00 N |
| FORT_DRUM_COGEN 23780 | 61.34 2.40 -0.36 N | 63.78 2.37 0.00 N | 37.08 1.27 -0.55 N | 41.59 1.45 0.00 N | 32.50 0.94 0.00 N | 69.38 1.78 0.00 N | 55.34 1.63 -0.06 N | 41.27 1.40 0.00 N | 52.57 2.00 0.00 N | 74.14 2.69 -0.07 N | 100.21 3.63 -0.08 N | 71.25 2.44 -0.33 N | 61.79 2.10 0.00 N | 52.67 1.74 -0.12 N | 45.30 1.54 0.00 N | 31.20 1.04 0.00 N | 27.66 0.92 -0.26 N | 54.27 1.92 -0.17 N | 54.46 1.74 -0.71 N | 64.78 1.96 0.00 N | 64.08 1.76 0.00 N | 54.97 1.11 -0.08 N | 28.67 0.33 -0.84 N | 49.99 0.77 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 77.79 6.86 -12.34 N | 68.32 6.92 0.00 N | 58.06 3.82 -18.98 N | 44.42 4.28 0.00 N | 34.99 3.43 0.00 N | 75.19 7.58 0.00 N | 62.36 6.54 -2.18 N | 45.01 5.04 -0.10 N | 57.73 7.03 -0.14 N | 141.05 10.19 -59.47 N | 183.20 13.73 -72.97 N | 168.80 9.62 -90.70 N | 201.84 8.52 -133.64 N | 169.74 7.16 -111.77 N | 132.92 6.13 -83.02 N | 125.70 4.28 -91.25 N | 215.62 3.84 -185.29 N | 202.02 7.90 -141.94 N | 221.52 8.07 -161.43 N | 177.46 10.15 -104.49 N | 140.65 9.85 -68.48 N | 162.62 8.40 -100.44 N | 71.98 4.16 -40.32 N | 55.90 6.67 -0.01 N |
| FPL_FAR_ROCK_GT2 23815 | 77.79 6.86 -12.34 N | 68.32 6.92 0.00 N | 58.06 3.82 -18.98 N | 44.42 4.28 0.00 N | 34.99 3.43 0.00 N | 75.19 7.58 0.00 N | 62.36 6.54 -2.18 N | 45.01 5.04 -0.10 N | 57.73 7.03 -0.14 N | 141.05 10.19 -59.47 N | 183.20 13.73 -72.97 N | 168.80 9.62 -90.70 N | 201.84 8.52 -133.64 N | 169.74 7.16 -111.77 N | 132.92 6.13 -83.02 N | 125.70 4.28 -91.25 N | 215.62 3.84 -185.29 N | 202.02 7.90 -141.94 N | 221.52 8.07 -161.43 N | 177.46 10.15 -104.49 N | 140.65 9.85 -68.48 N | 162.62 8.40 -100.44 N | 71.98 4.16 -40.32 N | 55.90 6.67 -0.01 N |
| FRANKLIN_FALL_HYD 24054 | 58.28 -0.31 0.00 N | 61.37 -0.04 0.00 N | 35.13 -0.13 0.00 N | 40.10 -0.04 0.00 N | 31.36 -0.19 0.00 N | 67.04 -0.56 0.00 N | 53.10 -0.54 0.00 N | 39.66 -0.21 0.00 N | 50.34 -0.22 0.00 N | 71.02 -0.37 0.00 N | 95.72 -0.78 0.00 N | 67.96 -0.52 0.00 N | 58.92 -0.77 0.00 N | 50.33 -0.48 0.00 N | 43.31 -0.45 0.00 N | 29.76 -0.40 0.00 N | 25.99 -0.49 0.00 N | 51.40 -0.78 0.00 N | 51.23 -0.79 0.00 N | 61.53 -1.28 0.00 N | 61.09 -1.23 0.00 N | 52.66 -1.12 0.00 N | 26.65 -0.84 0.00 N | 48.14 -1.09 0.00 N |

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|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| FREEPORT_EQUUS_GT1 23764 | 77.07 6.15 -12.34 N | 67.58 6.17 0.00 N | 57.64 3.39 -18.98 N | 43.92 3.78 0.00 N | 34.60 3.05 0.00 N | 74.33 6.73 0.00 N | 61.69 5.88 -2.18 N | 44.50 4.53 -0.10 N | 57.07 6.37 -0.14 N | 140.23 9.37 -59.47 N | 172.23 12.70 -63.04 N | 130.30 8.67 -53.15 N | 137.20 7.66 -69.85 N | 133.16 6.45 -75.89 N | 117.69 5.53 -68.40 N | 115.70 3.85 -81.69 N | 143.13 3.37 -113.28 N | 131.03 6.93 -71.92 N | 128.81 7.04 -69.75 N | 155.05 8.86 -83.37 N | 126.00 8.71 -54.97 N | 125.28 7.58 -63.92 N | 65.82 3.81 -34.52 N | 55.24 6.02 0.00 N |
| FULTON COGEN____ 23766 | 58.87 -0.63 -0.91 N | 60.63 -0.77 0.00 N | 36.24 -0.41 -1.39 N | 39.68 -0.46 0.00 N | 31.23 -0.33 0.00 N | 66.69 -0.91 0.00 N | 53.07 -0.73 -0.16 N | 39.35 -0.52 -0.01 N | 49.89 -0.68 -0.01 N | 70.46 -1.10 -0.17 N | 95.23 -1.47 -0.20 N | 68.25 -1.08 -0.85 N | 58.76 -0.93 -0.01 N | 50.25 -0.87 -0.31 N | 43.04 -0.72 0.00 N | 29.70 -0.47 0.00 N | 26.74 -0.40 -0.66 N | 51.91 -0.72 -0.44 N | 53.06 -0.75 -1.80 N | 61.95 -0.87 0.00 N | 61.31 -1.01 0.00 N | 53.04 -0.94 -0.20 N | 29.24 -0.38 -2.13 N | 48.71 -0.51 0.00 N |
| Freeport____CT2 23818 | 77.07 6.15 -12.34 N | 67.58 6.17 0.00 N | 57.64 3.39 -18.98 N | 43.92 3.78 0.00 N | 34.60 3.05 0.00 N | 74.33 6.73 0.00 N | 61.69 5.88 -2.18 N | 44.50 4.53 -0.10 N | 57.07 6.37 -0.14 N | 140.23 9.37 -59.47 N | 172.23 12.70 -63.04 N | 130.30 8.67 -53.15 N | 137.20 7.66 -69.85 N | 133.16 6.45 -75.89 N | 117.69 5.53 -68.40 N | 115.70 3.85 -81.69 N | 143.13 3.37 -113.28 N | 131.03 6.93 -71.92 N | 128.81 7.04 -69.75 N | 155.05 8.86 -83.37 N | 126.00 8.71 -54.97 N | 125.28 7.58 -63.92 N | 65.82 3.81 -34.52 N | 55.24 6.02 0.00 N |
| G.F.CEMENT____DRP 24184 | 80.31 5.59 -16.13 N | 67.39 5.98 0.00 N | 63.57 3.48 -24.82 N | 43.76 3.62 0.00 N | 34.54 2.98 0.00 N | 74.73 7.13 0.00 N | 61.93 5.45 -2.84 N | 43.67 4.77 -0.13 N | 55.51 4.77 -0.18 N | 81.08 6.64 -3.05 N | 109.55 9.53 -3.51 N | 90.05 6.48 -15.09 N | 65.59 5.71 -0.20 N | 60.77 4.41 -5.55 N | 47.67 3.91 0.00 N | 32.77 2.61 -0.01 N | 40.23 2.03 -11.72 N | 64.28 4.29 -7.82 N | 88.37 4.33 -32.02 N | 68.22 5.40 0.00 N | 67.99 5.67 0.00 N | 62.31 4.96 -3.57 N | 67.95 2.50 -37.95 N | 53.48 4.26 0.00 N |
| GARDENVILLE____LBMP 24039 | 55.76 -4.74 -1.90 N | 56.66 -4.74 0.00 N | 35.52 -2.68 -2.93 N | 37.36 -2.78 0.00 N | 29.45 -2.11 0.00 N | 62.74 -4.86 0.00 N | 50.07 -3.91 -0.34 N | 36.36 -3.52 -0.02 N | 45.91 -4.67 -0.02 N | 64.98 -6.77 -0.36 N | 87.56 -9.36 -0.42 N | 63.61 -6.65 -1.78 N | 54.34 -5.37 -0.02 N | 46.83 -4.64 -0.65 N | 39.88 -3.88 0.00 N | 27.45 -2.71 0.00 N | 25.29 -2.59 -1.40 N | 48.49 -4.63 -0.94 N | 51.09 -4.76 -3.83 N | 57.43 -5.39 0.00 N | 56.98 -5.34 0.00 N | 49.56 -4.65 -0.43 N | 30.61 -1.42 -4.54 N | 46.34 -2.88 0.00 N |
| GENERAL____MILLS 23808 | 55.95 -4.56 -1.92 N | 56.84 -4.57 0.00 N | 35.63 -2.59 -2.96 N | 37.46 -2.68 0.00 N | 29.52 -2.04 0.00 N | 62.90 -4.70 0.00 N | 50.21 -3.77 -0.34 N | 36.46 -3.43 -0.02 N | 46.04 -4.55 -0.02 N | 65.16 -6.60 -0.36 N | 87.77 -9.15 -0.42 N | 63.78 -6.49 -1.80 N | 54.49 -5.22 -0.02 N | 46.95 -4.52 -0.66 N | 39.97 -3.79 0.00 N | 27.51 -2.66 0.00 N | 25.36 -2.54 -1.42 N | 48.59 -4.54 -0.94 N | 51.24 -4.65 -3.87 N | 57.57 -5.25 0.00 N | 57.12 -5.20 0.00 N | 49.67 -4.54 -0.43 N | 30.72 -1.36 -4.58 N | 46.45 -2.78 0.00 N |
| GE_PLASTICS____DRP 24183 | 76.92 2.64 -15.69 N | 64.11 2.70 0.00 N | 61.00 1.59 -24.15 N | 41.82 1.68 0.00 N | 32.96 1.40 0.00 N | 70.92 3.32 0.00 N | 59.25 2.84 -2.77 N | 42.09 2.10 -0.12 N | 53.32 2.57 -0.18 N | 77.80 3.44 -2.97 N | 104.44 4.53 -3.42 N | 86.37 3.21 -14.68 N | 62.71 2.83 -0.20 N | 58.69 2.48 -5.40 N | 45.90 2.14 0.00 N | 31.57 1.40 -0.01 N | 39.12 1.24 -11.40 N | 62.20 2.41 -7.60 N | 85.58 2.42 -31.14 N | 65.82 3.00 0.00 N | 65.30 2.99 0.00 N | 59.89 2.63 -3.48 N | 65.70 1.29 -36.92 N | 51.40 2.17 0.00 N |
| GILBOA____1 23756 | 73.19 2.50 -12.10 N | 63.99 2.58 0.00 N | 55.38 1.50 -18.61 N | 41.77 1.63 0.00 N | 32.90 1.35 0.00 N | 70.72 3.11 0.00 N | 58.45 2.68 -2.13 N | 41.97 2.01 -0.09 N | 53.35 2.65 -0.14 N | 77.40 3.73 -2.29 N | 104.24 5.11 -2.63 N | 83.36 3.56 -11.32 N | 62.97 3.13 -0.15 N | 57.66 2.68 -4.16 N | 46.08 2.32 0.00 N | 31.76 1.59 0.00 N | 36.69 1.42 -8.79 N | 60.78 2.74 -5.86 N | 78.80 2.78 -24.01 N | 66.45 3.64 0.00 N | 65.89 3.57 0.00 N | 59.55 3.09 -2.68 N | 57.47 1.52 -28.46 N | 51.72 2.50 0.00 N |
| GILBOA____2 23757 | 73.19 2.50 -12.10 N | 63.99 2.58 0.00 N | 55.38 1.50 -18.61 N | 41.77 1.63 0.00 N | 32.90 1.35 0.00 N | 70.72 3.11 0.00 N | 58.45 2.68 -2.13 N | 41.97 2.01 -0.09 N | 53.35 2.65 -0.14 N | 77.40 3.73 -2.29 N | 104.24 5.11 -2.63 N | 83.36 3.56 -11.32 N | 62.97 3.13 -0.15 N | 57.66 2.68 -4.16 N | 46.08 2.32 0.00 N | 31.76 1.59 0.00 N | 36.69 1.42 -8.79 N | 60.78 2.74 -5.86 N | 78.80 2.78 -24.01 N | 66.45 3.64 0.00 N | 65.89 3.57 0.00 N | 59.55 3.09 -2.68 N | 57.47 1.52 -28.46 N | 51.72 2.50 0.00 N |
| GILBOA____3 23758 | 73.19 2.50 -12.10 N | 63.99 2.58 0.00 N | 55.38 1.50 -18.61 N | 41.77 1.63 0.00 N | 32.90 1.35 0.00 N | 70.72 3.11 0.00 N | 58.45 2.68 -2.13 N | 41.97 2.01 -0.09 N | 53.35 2.65 -0.14 N | 77.40 3.73 -2.29 N | 104.24 5.11 -2.63 N | 83.36 3.56 -11.32 N | 62.97 3.13 -0.15 N | 57.66 2.68 -4.16 N | 46.08 2.32 0.00 N | 31.76 1.59 0.00 N | 36.69 1.42 -8.79 N | 60.78 2.74 -5.86 N | 78.80 2.78 -24.01 N | 66.45 3.64 0.00 N | 65.89 3.57 0.00 N | 59.55 3.09 -2.68 N | 57.47 1.52 -28.46 N | 51.72 2.50 0.00 N |
| GILBOA____4 23759 | 73.19 2.50 -12.10 N | 63.99 2.58 0.00 N | 55.38 1.50 -18.61 N | 41.77 1.63 0.00 N | 32.90 1.35 0.00 N | 70.72 3.11 0.00 N | 58.45 2.68 -2.13 N | 41.97 2.01 -0.09 N | 53.35 2.65 -0.14 N | 77.40 3.73 -2.29 N | 104.24 5.11 -2.63 N | 83.36 3.56 -11.32 N | 62.97 3.13 -0.15 N | 57.66 2.68 -4.16 N | 46.08 2.32 0.00 N | 31.76 1.59 0.00 N | 36.69 1.42 -8.79 N | 60.78 2.74 -5.86 N | 78.80 2.78 -24.01 N | 66.45 3.64 0.00 N | 65.89 3.57 0.00 N | 59.55 3.09 -2.68 N | 57.47 1.52 -28.46 N | 51.72 2.50 0.00 N |
| GILBOA____ 23599 | 73.19 2.50 -12.10 N | 63.99 2.58 0.00 N | 55.38 1.50 -18.61 N | 41.77 1.63 0.00 N | 32.90 1.35 0.00 N | 70.72 3.11 0.00 N | 58.45 2.68 -2.13 N | 41.97 2.01 -0.09 N | 53.35 2.65 -0.14 N | 77.40 3.73 -2.29 N | 104.24 5.11 -2.63 N | 83.36 3.56 -11.32 N | 62.97 3.13 -0.15 N | 57.66 2.68 -4.16 N | 46.08 2.32 0.00 N | 31.76 1.59 0.00 N | 36.69 1.42 -8.79 N | 60.78 2.74 -5.86 N | 78.80 2.78 -24.01 N | 66.45 3.64 0.00 N | 65.89 3.57 0.00 N | 59.55 3.09 -2.68 N | 57.47 1.52 -28.46 N | 51.72 2.50 0.00 N |
| GINNA____ 23603 | 55.09 -4.84 -1.33 N | 56.37 -5.03 0.00 N | 34.45 -2.87 -2.05 N | 36.98 -3.15 0.00 N | 29.14 -2.42 0.00 N | 62.26 -5.34 0.00 N | 49.59 -4.28 -0.23 N | 36.41 -3.47 -0.01 N | 46.03 -4.54 -0.02 N | 65.20 -6.44 -0.25 N | 88.22 -8.56 -0.29 N | 63.69 -6.03 -1.25 N | 54.66 -5.04 -0.02 N | 46.86 -4.41 -0.46 N | 40.01 -3.75 0.00 N | 27.62 -2.55 0.00 N | 25.15 -2.30 -0.97 N | 48.71 -4.13 -0.65 N | 50.41 -4.26 -2.66 N | 57.70 -5.11 0.00 N | 57.07 -5.25 0.00 N | 49.34 -4.74 -0.30 N | 28.62 -2.03 -3.15 N | 45.58 -3.64 0.00 N |
| GLEN PARK____ 23778 | 61.71 2.70 -0.42 N | 64.10 2.69 0.00 N | 37.38 1.47 -0.64 N | 41.83 1.69 0.00 N | 32.72 1.16 0.00 N | 69.85 2.26 0.00 N | 55.74 2.02 -0.07 N | 41.58 1.71 0.00 N | 53.01 2.44 0.00 N | 74.68 3.21 -0.08 N | 100.95 4.36 -0.09 N | 71.81 2.94 -0.39 N | 62.23 2.54 0.00 N | 53.04 2.09 -0.14 N | 45.61 1.85 0.00 N | 31.42 1.26 0.00 N | 27.91 1.12 -0.30 N | 54.80 2.41 -0.20 N | 55.11 2.26 -0.83 N | 65.46 2.64 0.00 N | 64.64 2.32 0.00 N | 55.46 1.58 -0.09 N | 29.04 0.56 -0.99 N | 50.44 1.22 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 |
|--------------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|----------------------------|
| GLENWOOD_IC_1_G5 23712 | 76.66 5.73 -12.34 N | 67.20 5.79 0.00 N | 57.45 3.21 -18.98 N | 43.75 3.61 0.00 N | 34.46 2.90 0.00 N | 74.08 6.48 0.00 N | 61.47 5.66 -2.18 N | 44.28 4.32 -0.10 N | 56.71 6.00 -0.14 N | 139.64 8.78 -59.47 N | 170.63 12.04 -62.09 N | 126.48 8.41 -49.59 N | 130.89 7.42 -63.79 N | 129.53 6.24 -72.48 N | 116.12 5.36 -67.00 N | 114.70 3.75 -80.78 N | 136.30 3.38 -106.44 N | 124.05 6.60 -65.26 N | 119.68 6.63 -61.03 N | 152.47 8.29 -81.36 N | 124.19 8.18 -53.69 N | 121.54 7.30 -60.45 N | 65.02 3.56 -33.97 N | 54.85 5.63 0.00 N |
| GLENWOOD_IC_2_G1 23688 | 76.35 5.42 -12.34 N | 66.88 5.48 0.00 N | 57.30 3.05 -18.98 N | 43.57 3.43 0.00 N | 34.31 2.76 0.00 N | 73.80 6.20 0.00 N | 61.22 5.40 -2.18 N | 44.07 4.11 -0.10 N | 56.40 5.69 -0.14 N | 139.18 8.32 -59.47 N | 168.98 11.40 -61.08 N | 122.20 7.97 -45.76 N | 124.01 7.04 -57.29 N | 125.54 5.90 -68.83 N | 114.35 5.08 -65.51 N | 113.53 3.56 -79.81 N | 128.76 3.19 -99.10 N | 116.78 6.47 -58.13 N | 110.26 6.55 -51.69 N | 150.24 8.21 -79.21 N | 122.69 8.06 -52.31 N | 117.46 6.95 -56.73 N | 64.22 3.35 -33.38 N | 54.54 5.32 0.00 N |
| GLENWOOD_IC_3_G1 23689 | 76.35 5.42 -12.34 N | 66.88 5.48 0.00 N | 57.30 3.05 -18.98 N | 43.57 3.43 0.00 N | 34.31 2.76 0.00 N | 73.80 6.20 0.00 N | 61.22 5.40 -2.18 N | 44.07 4.11 -0.10 N | 56.40 5.69 -0.14 N | 139.18 8.32 -59.47 N | 168.98 11.40 -61.08 N | 122.20 7.97 -45.76 N | 124.01 7.04 -57.29 N | 125.54 5.90 -68.83 N | 114.35 5.08 -65.51 N | 113.53 3.56 -79.81 N | 128.76 3.19 -99.10 N | 116.78 6.47 -58.13 N | 110.26 6.55 -51.69 N | 150.24 8.21 -79.21 N | 122.69 8.06 -52.31 N | 117.46 6.95 -56.73 N | 64.22 3.35 -33.38 N | 54.54 5.32 0.00 N |
| GLENWOOD___4 23550 | 76.66 5.73 -12.34 N | 67.20 5.79 0.00 N | 57.45 3.21 -18.98 N | 43.75 3.61 0.00 N | 34.46 2.90 0.00 N | 74.08 6.48 0.00 N | 61.47 5.66 -2.18 N | 44.28 4.32 -0.10 N | 56.71 6.00 -0.14 N | 139.64 8.78 -59.47 N | 170.63 12.04 -62.09 N | 126.48 8.42 -49.58 N | 130.89 7.42 -63.79 N | 129.53 6.24 -72.48 N | 116.12 5.36 -67.00 N | 114.70 3.75 -80.78 N | 136.29 3.37 -106.43 N | 124.14 6.70 -65.26 N | 119.78 6.73 -61.03 N | 152.60 8.42 -81.36 N | 124.31 8.31 -53.69 N | 121.53 7.30 -60.45 N | 65.02 3.56 -33.97 N | 54.85 5.63 0.00 N |
| GLENWOOD___5 23614 | 76.66 5.73 -12.34 N | 67.20 5.79 0.00 N | 57.45 3.21 -18.98 N | 43.75 3.61 0.00 N | 34.46 2.90 0.00 N | 74.08 6.48 0.00 N | 61.47 5.66 -2.18 N | 44.28 4.32 -0.10 N | 56.71 6.00 -0.14 N | 139.64 8.78 -59.47 N | 170.63 12.04 -62.09 N | 126.48 8.42 -49.58 N | 130.89 7.42 -63.79 N | 129.53 6.24 -72.48 N | 116.12 5.36 -67.00 N | 114.70 3.75 -80.78 N | 136.29 3.37 -106.43 N | 124.14 6.70 -65.26 N | 119.78 6.73 -61.03 N | 152.60 8.42 -81.36 N | 124.31 8.31 -53.69 N | 121.53 7.30 -60.45 N | 65.02 3.56 -33.97 N | 54.85 5.63 0.00 N |
| GLOBAL GREEN_PORT_GT1 23814 | 80.57 9.64 -12.34 N | 71.25 9.85 0.00 N | 59.70 5.46 -18.98 N | 46.36 6.22 0.00 N | 36.64 5.08 0.00 N | 78.71 11.11 0.00 N | 65.48 9.66 -2.18 N | 47.42 7.46 -0.10 N | 61.10 10.40 -0.14 N | 145.92 15.05 -59.47 N | 176.65 19.96 -60.19 N | 124.67 13.79 -42.40 N | 123.19 11.91 -51.59 N | 126.35 9.92 -65.62 N | 116.40 8.44 -64.21 N | 114.99 5.87 -78.96 N | 124.54 5.40 -92.66 N | 115.48 11.43 -51.87 N | 107.14 11.62 -43.50 N | 154.64 14.50 -77.33 N | 127.51 14.09 -51.10 N | 118.82 11.58 -53.46 N | 65.80 5.45 -32.86 N | 58.09 8.87 0.00 N |
| GOETHSLN___LBMP 323567 | 76.22 5.30 -12.33 N | 66.78 5.37 0.00 N | 57.20 2.96 -18.98 N | 43.53 3.40 0.00 N | 34.25 2.70 0.00 N | 73.81 6.20 0.00 N | 61.23 5.41 -2.17 N | 44.04 4.08 -0.10 N | 56.32 5.61 -0.14 N | 81.90 8.17 -2.33 N | 110.32 11.13 -2.69 N | 87.66 7.64 -11.54 N | 66.70 6.87 -0.15 N | 60.79 5.74 -4.24 N | 48.71 4.95 0.00 N | 33.64 3.47 0.00 N | 38.51 3.07 -8.96 N | 64.39 6.22 -5.98 N | 82.71 6.21 -24.48 N | 70.59 7.77 0.00 N | 69.97 7.65 0.00 N | 63.09 6.57 -2.73 N | 59.63 3.12 -29.02 N | 54.23 5.01 0.00 N |
| GOUDEY___7 23579 | 63.01 0.42 -4.00 N | 61.84 0.44 0.00 N | 41.70 0.28 -6.15 N | 40.62 0.48 0.00 N | 31.96 0.41 0.00 N | 68.35 0.76 0.00 N | 55.25 0.90 -0.70 N | 40.66 0.76 -0.03 N | 51.80 1.19 -0.05 N | 73.81 1.66 -0.76 N | 99.59 2.22 -0.87 N | 73.55 1.33 -3.74 N | 60.98 1.25 -0.05 N | 53.11 0.92 -1.38 N | 44.63 0.87 0.00 N | 30.75 0.59 0.00 N | 29.88 0.51 -2.90 N | 55.47 1.36 -1.93 N | 61.27 1.34 -7.92 N | 64.71 1.89 0.00 N | 64.11 1.79 0.00 N | 56.20 1.54 -0.88 N | 37.79 0.91 -9.39 N | 50.45 1.22 0.00 N |
| GOUDEY___8 23580 | 62.94 0.36 -4.00 N | 61.77 0.37 0.00 N | 41.67 0.25 -6.15 N | 40.58 0.44 0.00 N | 31.93 0.37 0.00 N | 68.29 0.69 0.00 N | 55.20 0.85 -0.70 N | 40.62 0.72 -0.03 N | 51.75 1.14 -0.05 N | 73.72 1.58 -0.76 N | 99.48 2.11 -0.87 N | 73.47 1.25 -3.74 N | 60.91 1.18 -0.05 N | 53.06 0.87 -1.38 N | 44.58 0.82 0.00 N | 30.71 0.55 0.00 N | 29.84 0.47 -2.90 N | 55.41 1.30 -1.93 N | 61.22 1.28 -7.92 N | 64.63 1.81 0.00 N | 64.03 1.71 0.00 N | 56.14 1.48 -0.88 N | 37.78 0.89 -9.39 N | 50.39 1.17 0.00 N |
| GOWANUS_GT1_1 24077 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_2 24078 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_3 24079 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_4 24080 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_5 | 76.66 | 67.23 | 57.46 | 43.80 | 34.47 | 74.25 | 61.58 | 44.33 | 56.70 | 82.41 | 111.03 | 88.27 | 67.12 | 61.19 | 49.01 | 33.85 | 38.72 | 64.79 | 83.13 | 71.10 | 70.53 | 63.63 | 59.93 | 54.62 |

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| 24084 | 5.73 -12.34 N | 5.82 0.00 N | 3.21 -18.98 N | 3.66 0.00 N | 2.91 0.00 N | 6.65 0.00 N | 5.77 -2.17 N | 4.37 -0.10 N | 5.99 -0.14 N | 8.69 -2.34 N | 11.84 -2.69 N | 8.25 -11.54 N | 7.29 -0.15 N | 6.13 -4.24 N | 5.25 0.00 N | 3.68 0.00 N | 3.28 -8.96 N | 6.63 -5.98 N | 6.63 -24.48 N | 8.28 0.00 N | 8.22 0.00 N | 7.12 -2.73 N | 3.41 -29.02 N | 5.39 0.00 N |
| GOWANUS_GT1_6 24111 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_7 24112 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT1_8 24113 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_1 24114 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_2 24115 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_3 24116 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_4 24117 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_5 24118 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_6 24119 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_7 24120 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT2_8 24121 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_1 24122 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_2 24123 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |

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| GOWANUS_GT3_3 24124 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_4 24125 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_5 24126 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_6 24127 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_7 24128 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT3_8 24129 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_1 24130 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_2 24131 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_3 24132 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_4 24133 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_5 24134 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_6 24135 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_7 24136 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| GOWANUS_GT4_8 24137 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 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 |
|---------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---|
| GREENIDGE___3 23582 | 59.52 -1.22 -2.15 N | 60.25 -1.16 0.00 N | 37.98 -0.59 -3.31 N | 39.72 -0.42 0.00 N | 31.41 -0.15 0.00 N | 66.76 -0.84 0.00 N | 53.71 -0.32 -0.38 N | 39.76 -0.12 -0.02 N | 50.67 0.09 -0.02 N | 71.53 -0.27 -0.41 N | 96.56 -0.40 -0.47 N | 69.99 -0.49 -2.01 N | 59.47 -0.24 -0.03 N | 51.12 -0.43 -0.74 N | 43.43 -0.33 0.00 N | 29.92 -0.24 0.00 N | 27.76 -0.27 -1.56 N | 53.29 0.07 -1.04 N | 56.27 0.00 -4.26 N | 63.21 0.39 0.00 N | 62.36 0.04 0.00 N | 54.13 -0.13 -0.48 N | 32.74 0.20 -5.05 N | 49.28 0.06 0.00 N | |
| GREENIDGE___4 23583 | 59.52 -1.22 -2.15 N | 60.25 -1.16 0.00 N | 37.98 -0.59 -3.31 N | 39.72 -0.42 0.00 N | 31.41 -0.15 0.00 N | 66.76 -0.84 0.00 N | 53.71 -0.32 -0.38 N | 39.76 -0.12 -0.02 N | 50.67 0.09 -0.02 N | 71.53 -0.27 -0.41 N | 96.56 -0.40 -0.47 N | 69.99 -0.49 -2.01 N | 59.47 -0.24 -0.03 N | 51.12 -0.43 -0.74 N | 43.43 -0.33 0.00 N | 29.92 -0.24 0.00 N | 27.76 -0.27 -1.56 N | 53.29 0.07 -1.04 N | 56.27 0.00 -4.26 N | 63.21 0.39 0.00 N | 62.36 0.04 0.00 N | 54.13 -0.13 -0.48 N | 32.74 0.20 -5.05 N | 49.28 0.06 0.00 N | |
| GROVEVILLE___HYD 323602 | 75.09 3.97 -12.53 N | 65.43 4.03 0.00 N | 56.86 2.31 -19.28 N | 42.79 2.65 0.00 N | 33.84 2.28 0.00 N | 72.58 4.98 0.00 N | 60.04 4.18 -2.21 N | 43.19 3.23 -0.10 N | 55.12 4.41 -0.14 N | 80.08 6.32 -2.37 N | 107.87 8.64 -2.73 N | 86.25 6.05 -11.72 N | 65.19 5.35 -0.16 N | 59.62 4.50 -4.31 N | 47.66 3.90 0.00 N | 33.03 2.86 0.00 N | 38.15 2.56 -9.10 N | 63.46 5.20 -6.07 N | 82.08 5.19 -24.87 N | 69.34 6.52 0.00 N | 68.66 6.34 0.00 N | 61.99 5.43 -2.78 N | 59.56 2.59 -29.48 N | 53.33 4.11 0.00 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 58.76 0.17 0.00 N | 61.85 0.44 0.00 N | 35.36 0.10 0.00 N | 40.41 0.27 0.00 N | 31.39 -0.17 0.00 N | 66.72 -0.88 0.00 N | 53.08 -0.57 0.00 N | 39.66 -0.21 0.00 N | 50.37 -0.19 0.00 N | 71.04 -0.35 0.00 N | 95.72 -0.78 0.00 N | 67.92 -0.56 0.00 N | 59.05 -0.64 0.00 N | 50.45 -0.36 0.00 N | 43.45 -0.32 0.00 N | 29.91 -0.25 0.00 N | 26.07 -0.41 0.00 N | 51.62 -0.56 0.00 N | 51.40 -0.62 0.00 N | 61.68 -1.14 0.00 N | 61.39 -0.93 0.00 N | 52.75 -1.03 0.00 N | 26.82 -0.68 0.00 N | 48.32 -0.90 0.00 N | |
| HARZA MOOSE___RIVER 24016 | 60.04 1.45 0.00 N | 62.90 1.49 0.00 N | 36.08 0.82 0.00 N | 41.10 0.96 0.00 N | 32.24 0.68 0.00 N | 68.93 1.33 0.00 N | 54.85 1.21 0.00 N | 40.88 1.02 0.00 N | 51.96 1.40 0.00 N | 73.36 1.97 0.00 N | 99.13 2.63 0.00 N | 70.27 1.79 0.00 N | 61.20 1.52 0.00 N | 52.06 1.25 0.00 N | 44.86 1.10 0.00 N | 30.89 0.73 0.00 N | 27.12 0.64 0.00 N | 53.62 1.43 0.00 N | 53.41 1.39 0.00 N | 64.44 1.63 0.00 N | 63.80 1.48 0.00 N | 54.83 1.04 0.00 N | 27.88 0.38 0.00 N | 50.01 0.79 0.00 N | |
| HEMPSTEAD___ 23647 | 76.68 5.76 -12.34 N | 67.18 5.77 0.00 N | 57.43 3.19 -18.98 N | 43.69 3.55 0.00 N | 34.42 2.86 0.00 N | 73.96 6.36 0.00 N | 61.38 5.56 -2.18 N | 44.26 4.30 -0.10 N | 56.71 6.01 -0.14 N | 139.75 8.89 -59.47 N | 170.67 12.12 -62.05 N | 126.35 8.44 -49.43 N | 130.67 7.45 -63.53 N | 129.43 6.28 -72.34 N | 116.09 5.38 -66.94 N | 114.67 3.76 -80.75 N | 135.98 3.35 -106.14 N | 123.97 6.81 -64.98 N | 119.55 6.87 -60.66 N | 152.70 8.61 -81.28 N | 124.42 8.47 -53.63 N | 121.40 7.32 -60.30 N | 65.06 3.63 -33.94 N | 54.88 5.66 0.00 N | |
| HICKLING___1 23621 | 63.04 1.66 -2.79 N | 63.18 1.78 0.00 N | 40.60 1.05 -4.29 N | 41.76 1.62 0.00 N | 32.85 1.29 0.00 N | 70.22 2.61 0.00 N | 56.76 2.62 -0.49 N | 41.97 2.08 -0.02 N | 53.73 3.14 -0.03 N | 76.79 4.87 -0.53 N | 103.72 6.61 -0.61 N | 75.27 4.19 -2.61 N | 63.56 3.84 -0.04 N | 54.75 2.99 -0.96 N | 46.43 2.67 0.00 N | 31.81 1.65 0.00 N | 29.89 1.40 -2.02 N | 57.28 3.75 -1.35 N | 61.17 3.63 -5.51 N | 67.52 4.71 0.00 N | 66.95 4.63 0.00 N | 58.32 3.93 -0.61 N | 36.42 2.38 -6.53 N | 52.36 3.14 0.00 N | |
| HICKLING___2 23622 | 63.04 1.66 -2.79 N | 63.18 1.78 0.00 N | 40.60 1.05 -4.29 N | 41.76 1.62 0.00 N | 32.85 1.29 0.00 N | 70.22 2.61 0.00 N | 56.76 2.62 -0.49 N | 41.97 2.08 -0.02 N | 53.73 3.14 -0.03 N | 76.79 4.87 -0.53 N | 103.72 6.61 -0.61 N | 75.27 4.19 -2.61 N | 63.56 3.84 -0.04 N | 54.75 2.99 -0.96 N | 46.43 2.67 0.00 N | 31.81 1.65 0.00 N | 29.89 1.40 -2.02 N | 57.28 3.75 -1.35 N | 61.17 3.63 -5.51 N | 67.52 4.71 0.00 N | 66.95 4.63 0.00 N | 58.32 3.93 -0.61 N | 36.42 2.38 -6.53 N | 52.36 3.14 0.00 N | |
| HIGH FALLS___HY 23754 | 77.23 6.60 -12.04 N | 68.23 6.83 0.00 N | 57.70 3.92 -18.52 N | 44.51 4.37 0.00 N | 35.07 3.52 0.00 N | 75.37 7.77 0.00 N | 62.41 6.64 -2.12 N | 45.10 5.14 -0.09 N | 57.68 6.98 -0.14 N | 83.29 9.62 -2.28 N | 112.37 13.24 -2.62 N | 89.01 9.26 -11.26 N | 67.96 8.12 -0.15 N | 61.75 6.80 -4.14 N | 49.59 5.83 0.00 N | 34.26 4.09 0.00 N | 38.91 3.69 -8.74 N | 65.66 7.65 -5.83 N | 83.64 7.73 -23.89 N | 72.70 9.88 0.00 N | 71.76 9.43 0.00 N | 64.48 8.03 -2.67 N | 59.68 3.86 -28.32 N | 55.77 6.55 0.00 N | |
| HILLBURN___GT 23639 | 75.40 5.00 -11.81 N | 66.51 5.11 0.00 N | 56.33 2.89 -18.18 N | 43.44 3.31 0.00 N | 34.20 2.65 0.00 N | 73.58 5.98 0.00 N | 60.96 5.23 -2.08 N | 43.89 3.93 -0.09 N | 56.13 5.43 -0.13 N | 81.19 7.56 -2.24 N | 109.39 10.32 -2.57 N | 86.68 7.15 -11.05 N | 66.11 6.28 -0.15 N | 60.08 5.21 -4.07 N | 48.22 4.46 0.00 N | 33.32 3.15 0.00 N | 37.91 2.85 -8.58 N | 63.84 5.93 -5.72 N | 81.54 6.07 -23.45 N | 70.60 7.79 0.00 N | 69.82 7.51 0.00 N | 62.84 6.45 -2.62 N | 58.29 3.00 -27.79 N | 54.24 5.02 0.00 N | |
| HISHELDN_WT_PWR 323625 | 56.73 -3.88 -2.01 N | 57.55 -3.85 0.00 N | 36.18 -2.18 -3.10 N | 37.94 -2.20 0.00 N | 29.89 -1.67 0.00 N | 63.73 -3.87 0.00 N | 50.95 -3.05 -0.36 N | 37.09 -2.79 -0.02 N | 46.94 -3.65 -0.02 N | 66.44 -5.33 -0.44 N | 89.57 -7.37 -1.89 N | 65.08 -5.28 -0.03 N | 55.50 -4.21 -0.69 N | 47.79 -3.71 -0.69 N | 40.64 -3.12 0.00 N | 27.93 -2.23 0.00 N | 25.79 -2.16 -1.47 N | 49.42 -3.75 -0.98 N | 52.16 -3.89 -4.03 N | 58.52 -4.30 0.00 N | 58.03 -4.29 0.00 N | 50.48 -3.75 -0.45 N | 31.22 -1.05 -4.78 N | 46.96 -2.26 0.00 N | |
| HOLTSVILLE_IC_1 23690 | 76.27 5.34 -12.34 N | 66.71 5.30 0.00 N | 57.14 2.90 -18.98 N | 43.35 3.21 0.00 N | 34.18 2.62 0.00 N | 73.36 5.76 0.00 N | 60.98 5.16 -2.18 N | 43.99 4.03 -0.10 N | 56.38 5.68 -0.14 N | 139.37 8.51 -59.47 N | 167.97 11.29 -60.18 N | 118.78 7.94 -42.37 N | 118.20 6.99 -51.53 N | 122.30 5.90 -65.59 N | 113.01 5.06 -64.19 N | 112.66 3.55 -78.95 N | 122.28 3.21 -92.59 N | 110.41 6.42 -51.80 N | 101.97 6.55 -43.41 N | 148.31 8.19 -77.30 N | 121.59 8.18 -51.09 N | 114.02 6.81 -53.43 N | 63.74 3.40 -32.85 N | 54.43 5.21 0.00 N | |
| HOLTSVILLE_IC_10 23699 | 76.94 6.01 -12.34 N | 67.38 5.98 0.00 N | 57.52 3.28 -18.98 N | 43.76 3.62 0.00 N | 34.51 2.95 0.00 N | 74.08 6.48 0.00 N | 61.56 5.74 -2.18 N | 44.44 4.47 -0.10 N | 57.01 6.30 -0.14 N | 140.18 9.31 -59.47 N | 169.12 12.39 -60.22 N | 119.73 8.73 -42.52 N | 119.18 7.70 -51.79 N | 123.05 6.50 -65.74 N | 113.59 5.57 -64.25 N | 113.06 3.91 -78.99 N | 122.91 3.54 -92.89 N | 111.40 7.12 -52.09 N | 103.05 7.24 -43.79 N | 149.29 9.09 -77.39 N | 122.50 9.04 -51.15 N | 114.86 7.51 -53.58 N | 64.09 3.72 -32.88 N | 55.04 5.82 0.00 N | |
| HOLTSVILLE_IC_2 | 76.27 | 66.71 | 57.14 | 43.35 | 34.18 | 73.36 | 60.98 | 43.99 | 56.38 | 139.37 | 167.97 | 118.78 | 118.20 | 122.30 | 113.01 | 112.66 | 122.28 | 110.41 | 101.97 | 148.31 | 121.59 | 114.02 | 63.74 | 54.43 | |

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|-------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 23691 | 5.34 -12.34 N | 5.30 0.00 N | 2.90 -18.98 N | 3.21 0.00 N | 2.62 0.00 N | 5.76 0.00 N | 5.16 -2.18 N | 4.03 -0.10 N | 5.68 -0.14 N | 8.51 -59.47 N | 11.29 -60.18 N | 7.94 -42.37 N | 6.99 -51.53 N | 5.90 -65.59 N | 5.06 -64.19 N | 3.55 -78.95 N | 3.21 -92.59 N | 6.42 -51.80 N | 6.55 -43.41 N | 8.19 -77.30 N | 8.18 -51.09 N | 6.81 -53.43 N | 3.40 -32.85 N | 5.21 0.00 N |
| HOLTSVILLE_IC_3 23692 | 76.27 5.34 -12.34 N | 66.71 5.30 0.00 N | 57.14 2.90 -18.98 N | 43.35 3.21 0.00 N | 34.18 2.62 0.00 N | 73.36 5.76 0.00 N | 60.98 5.16 -2.18 N | 43.99 4.03 -0.10 N | 56.38 5.68 -0.14 N | 139.37 8.51 -59.47 N | 167.97 11.29 -60.18 N | 118.78 7.94 -42.37 N | 118.20 6.99 -51.53 N | 122.30 5.90 -65.59 N | 113.01 5.06 -64.19 N | 112.66 3.55 -78.95 N | 122.28 3.21 -92.59 N | 110.41 6.42 -51.80 N | 101.97 6.55 -43.41 N | 148.31 8.19 -77.30 N | 121.59 8.18 -51.09 N | 114.02 6.81 -53.43 N | 63.74 3.40 -32.85 N | 54.43 5.21 0.00 N |
| HOLTSVILLE_IC_4 23693 | 76.27 5.34 -12.34 N | 66.71 5.30 0.00 N | 57.14 2.90 -18.98 N | 43.35 3.21 0.00 N | 34.18 2.62 0.00 N | 73.36 5.76 0.00 N | 60.98 5.16 -2.18 N | 43.99 4.03 -0.10 N | 56.38 5.68 -0.14 N | 139.37 8.51 -59.47 N | 167.97 11.29 -60.18 N | 118.78 7.94 -42.37 N | 118.20 6.99 -51.53 N | 122.30 5.90 -65.59 N | 113.01 5.06 -64.19 N | 112.66 3.55 -78.95 N | 122.28 3.21 -92.59 N | 110.41 6.42 -51.80 N | 101.97 6.55 -43.41 N | 148.31 8.19 -77.30 N | 121.59 8.18 -51.09 N | 114.02 6.81 -53.43 N | 63.74 3.40 -32.85 N | 54.43 5.21 0.00 N |
| HOLTSVILLE_IC_5 23694 | 76.27 5.34 -12.34 N | 66.71 5.30 0.00 N | 57.14 2.90 -18.98 N | 43.35 3.21 0.00 N | 34.18 2.62 0.00 N | 73.36 5.76 0.00 N | 60.98 5.16 -2.18 N | 43.99 4.03 -0.10 N | 56.38 5.68 -0.14 N | 139.37 8.51 -59.47 N | 167.97 11.29 -60.18 N | 118.78 7.94 -42.37 N | 118.20 6.99 -51.53 N | 122.30 5.90 -65.59 N | 113.01 5.06 -64.19 N | 112.66 3.55 -78.95 N | 122.28 3.21 -92.59 N | 110.41 6.42 -51.80 N | 101.97 6.55 -43.41 N | 148.31 8.19 -77.30 N | 121.59 8.18 -51.09 N | 114.02 6.81 -53.43 N | 63.74 3.40 -32.85 N | 54.43 5.21 0.00 N |
| HOLTSVILLE_IC_6 23695 | 76.94 6.01 -12.34 N | 67.38 5.98 0.00 N | 57.52 3.28 -18.98 N | 43.76 3.62 0.00 N | 34.51 2.95 0.00 N | 74.08 6.48 0.00 N | 61.56 5.74 -2.18 N | 44.44 4.47 -0.10 N | 57.01 6.30 -0.14 N | 140.18 9.31 -59.47 N | 169.12 12.39 -60.22 N | 119.73 8.73 -42.52 N | 119.18 7.70 -51.79 N | 123.05 6.50 -65.74 N | 113.59 5.57 -64.25 N | 113.06 3.91 -78.99 N | 122.91 3.54 -92.89 N | 111.40 7.12 -52.09 N | 103.05 7.24 -43.79 N | 149.29 9.09 -77.39 N | 122.50 9.04 -51.15 N | 114.86 7.51 -53.58 N | 64.09 3.72 -32.88 N | 55.04 5.82 0.00 N |
| HOLTSVILLE_IC_7 23696 | 76.94 6.01 -12.34 N | 67.38 5.98 0.00 N | 57.52 3.28 -18.98 N | 43.76 3.62 0.00 N | 34.51 2.95 0.00 N | 74.08 6.48 0.00 N | 61.56 5.74 -2.18 N | 44.44 4.47 -0.10 N | 57.01 6.30 -0.14 N | 140.18 9.31 -59.47 N | 169.12 12.39 -60.22 N | 119.73 8.73 -42.52 N | 119.18 7.70 -51.79 N | 123.05 6.50 -65.74 N | 113.59 5.57 -64.25 N | 113.06 3.91 -78.99 N | 122.91 3.54 -92.89 N | 111.40 7.12 -52.09 N | 103.05 7.24 -43.79 N | 149.29 9.09 -77.39 N | 122.50 9.04 -51.15 N | 114.86 7.51 -53.58 N | 64.09 3.72 -32.88 N | 55.04 5.82 0.00 N |
| HOLTSVILLE_IC_8 23697 | 76.94 6.01 -12.34 N | 67.38 5.98 0.00 N | 57.52 3.28 -18.98 N | 43.76 3.62 0.00 N | 34.51 2.95 0.00 N | 74.08 6.48 0.00 N | 61.56 5.74 -2.18 N | 44.44 4.47 -0.10 N | 57.01 6.30 -0.14 N | 140.18 9.31 -59.47 N | 169.12 12.39 -60.22 N | 119.73 8.73 -42.52 N | 119.18 7.70 -51.79 N | 123.05 6.50 -65.74 N | 113.59 5.57 -64.25 N | 113.06 3.91 -78.99 N | 122.91 3.54 -92.89 N | 111.40 7.12 -52.09 N | 103.05 7.24 -43.79 N | 149.29 9.09 -77.39 N | 122.50 9.04 -51.15 N | 114.86 7.51 -53.58 N | 64.09 3.72 -32.88 N | 55.04 5.82 0.00 N |
| HOLTSVILLE_IC_9 23698 | 76.94 6.01 -12.34 N | 67.38 5.98 0.00 N | 57.52 3.28 -18.98 N | 43.76 3.62 0.00 N | 34.51 2.95 0.00 N | 74.08 6.48 0.00 N | 61.56 5.74 -2.18 N | 44.44 4.47 -0.10 N | 57.01 6.30 -0.14 N | 140.18 9.31 -59.47 N | 169.12 12.39 -60.22 N | 119.73 8.73 -42.52 N | 119.18 7.70 -51.79 N | 123.05 6.50 -65.74 N | 113.59 5.57 -64.25 N | 113.06 3.91 -78.99 N | 122.91 3.54 -92.89 N | 111.40 7.12 -52.09 N | 103.05 7.24 -43.79 N | 149.29 9.09 -77.39 N | 122.50 9.04 -51.15 N | 114.86 7.51 -53.58 N | 64.09 3.72 -32.88 N | 55.04 5.82 0.00 N |
| HQ_GEN_CEDARS 23644 | 56.76 -1.83 0.00 N | 60.22 -1.19 0.00 N | 34.28 -0.98 0.00 N | 39.35 -0.79 0.00 N | 30.25 -1.31 0.00 N | 64.55 -3.05 0.00 N | 51.44 -2.21 0.00 N | 38.31 -1.56 0.00 N | 48.55 -2.02 0.00 N | 68.41 -2.98 0.00 N | 91.70 -4.80 0.00 N | 65.23 -3.25 0.00 N | 56.71 -2.97 0.00 N | 48.71 -2.10 0.00 N | 41.90 -1.86 0.00 N | 28.85 -1.32 0.00 N | 25.07 -1.41 0.00 N | 49.47 -2.72 0.00 N | 49.29 -2.73 0.00 N | 59.19 -3.62 0.00 N | 58.95 -3.37 0.00 N | 50.76 -3.02 0.00 N | 25.87 -1.62 0.00 N | 46.68 -2.54 0.00 N |
| HQ_GEN_CEDARS_PROXY 323590 | 56.76 -1.83 0.00 N | 60.22 -1.19 0.00 N | 34.28 -0.98 0.00 N | 39.35 -0.79 0.00 N | 30.25 -1.31 0.00 N | 64.55 -3.05 0.00 N | 51.44 -2.21 0.00 N | 38.31 -1.56 0.00 N | 48.55 -2.02 0.00 N | 68.41 -2.98 0.00 N | 91.70 -4.80 0.00 N | 65.23 -3.25 0.00 N | 56.71 -2.97 0.00 N | 48.71 -2.10 0.00 N | 41.90 -1.86 0.00 N | 28.85 -1.32 0.00 N | 25.07 -1.41 0.00 N | 49.47 -2.72 0.00 N | 49.29 -2.73 0.00 N | 59.19 -3.62 0.00 N | 58.95 -3.37 0.00 N | 50.76 -3.02 0.00 N | 25.87 -1.62 0.00 N | 46.68 -2.54 0.00 N |
| HQ_GEN_IMPORT 323601 | 57.16 -1.43 0.00 N | 60.04 -1.37 0.00 N | 34.42 -0.84 0.00 N | 39.24 -0.90 0.00 N | 30.77 -0.79 0.00 N | 65.88 -1.72 0.00 N | 52.12 -1.52 0.00 N | 38.74 -1.12 0.00 N | 49.10 -1.46 0.00 N | 69.25 -2.14 0.00 N | 93.50 -3.00 0.00 N | 66.43 -2.04 0.00 N | 0.00 -1.81 57.21 N | 15.00 -0.96 16.86 N | 15.00 -0.87 13.53 N | 15.00 -1.05 19.50 N | 25.66 -0.82 0.00 N | 25.00 -1.97 33.03 N | 25.00 -2.12 35.26 N | 25.00 -1.62 24.04 N | 25.00 -1.89 28.79 N | 25.00 -1.58 22.83 N | 25.00 -1.58 22.57 N | 25.00 -1.31 14.85 N |
| HQ_GEN_WHEEL 23651 | 57.16 -1.43 0.00 N | 60.04 -1.37 0.00 N | 34.42 -0.84 0.00 N | 39.24 -0.90 0.00 N | 30.77 -0.79 0.00 N | 65.88 -1.72 0.00 N | 52.12 -1.52 0.00 N | 38.74 -1.12 0.00 N | 49.10 -1.46 0.00 N | 69.25 -2.14 0.00 N | 93.50 -3.00 0.00 N | 66.43 -2.04 0.00 N | 57.83 -1.85 0.00 N | 49.31 -1.50 0.00 N | 42.44 -1.32 0.00 N | 29.24 -0.92 0.00 N | 25.66 -0.82 0.00 N | 50.48 -1.70 0.00 N | 50.31 -1.71 0.00 N | 60.67 -2.15 0.00 N | 60.25 -2.07 0.00 N | 52.02 -1.76 0.00 N | 26.57 -0.93 0.00 N | 47.73 -1.49 0.00 N |
| HUDSON AVE_GT_3 23810 | 76.29 5.37 -12.33 N | 66.87 5.46 0.00 N | 57.28 3.03 -18.98 N | 43.59 3.45 0.00 N | 34.31 2.76 0.00 N | 73.90 6.29 0.00 N | 61.29 5.48 -2.17 N | 44.09 4.13 -0.10 N | 56.39 5.68 -0.14 N | 82.00 8.28 -2.33 N | 110.48 11.29 -2.69 N | 87.87 7.85 -11.54 N | 66.81 6.97 -0.15 N | 60.89 5.84 -4.24 N | 48.79 5.03 0.00 N | 33.70 3.53 0.00 N | 38.59 3.15 -8.96 N | 64.58 6.41 -5.98 N | 82.97 6.46 -24.48 N | 70.95 8.13 0.00 N | 70.29 7.97 0.00 N | 63.38 6.87 -2.73 N | 59.79 3.28 -29.02 N | 54.48 5.26 0.00 N |
| HUDSON AVE_GT_4 23540 | 76.29 5.37 -12.33 N | 66.87 5.46 0.00 N | 57.28 3.03 -18.98 N | 43.59 3.45 0.00 N | 34.31 2.76 0.00 N | 73.90 6.29 0.00 N | 61.29 5.48 -2.17 N | 44.09 4.13 -0.10 N | 56.39 5.68 -0.14 N | 82.00 8.28 -2.33 N | 110.48 11.29 -2.69 N | 87.87 7.85 -11.54 N | 66.81 6.97 -0.15 N | 60.89 5.84 -4.24 N | 48.79 5.03 0.00 N | 33.70 3.53 0.00 N | 38.59 3.15 -8.96 N | 64.58 6.41 -5.98 N | 82.97 6.46 -24.48 N | 70.95 8.13 0.00 N | 70.29 7.97 0.00 N | 63.38 6.87 -2.73 N | 59.79 3.28 -29.02 N | 54.48 5.26 0.00 N |

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|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| HUDSON_AVE_GT_5 23657 | 76.29 5.37 -12.33 N | 66.87 5.46 0.00 N | 57.28 3.03 -18.98 N | 43.59 3.45 0.00 N | 34.31 2.76 0.00 N | 73.90 6.29 0.00 N | 61.29 5.48 -2.17 N | 44.09 4.13 -0.10 N | 56.39 5.68 -0.14 N | 82.00 8.28 -2.33 N | 110.48 11.29 -2.69 N | 87.87 7.85 -11.54 N | 66.81 6.97 -0.15 N | 60.89 5.84 -4.24 N | 48.79 5.03 0.00 N | 33.70 3.53 0.00 N | 38.59 3.15 -8.96 N | 64.58 6.41 -5.98 N | 82.97 6.46 -24.48 N | 70.95 8.13 0.00 N | 70.29 7.97 0.00 N | 63.38 6.87 -2.73 N | 59.79 3.28 -29.02 N | 54.48 5.26 0.00 N |
| HUDSON_AVE_10 24168 | 76.01 5.08 -12.33 N | 66.61 5.20 0.00 N | 57.12 2.88 -18.98 N | 43.40 3.26 0.00 N | 34.16 2.60 0.00 N | 73.59 5.98 0.00 N | 61.09 5.27 -2.17 N | 43.95 3.99 -0.10 N | 56.22 5.52 -0.14 N | 81.78 8.06 -2.33 N | 110.10 10.91 -2.69 N | 87.58 7.56 -11.54 N | 66.55 6.71 -0.15 N | 60.64 5.58 -4.24 N | 48.57 4.81 0.00 N | 33.54 3.37 0.00 N | 38.45 3.01 -8.96 N | 64.25 6.09 -5.98 N | 82.64 6.13 -24.48 N | 70.55 7.73 0.00 N | 69.90 7.58 0.00 N | 63.06 6.55 -2.73 N | 59.71 3.19 -29.02 N | 54.33 5.11 0.00 N |
| HUNTER MOUNT___DRP 323613 | 77.65 5.47 -13.59 N | 67.02 5.62 0.00 N | 59.40 3.23 -20.91 N | 43.71 3.57 0.00 N | 34.45 2.90 0.00 N | 74.23 6.63 0.00 N | 61.63 5.59 -2.40 N | 44.20 4.23 -0.11 N | 56.24 5.52 -0.15 N | 81.96 7.99 -2.57 N | 110.33 10.87 -2.96 N | 88.84 7.65 -12.71 N | 66.53 6.67 -0.17 N | 61.16 5.67 -4.68 N | 48.62 4.86 0.00 N | 33.47 3.30 0.00 N | 39.28 2.94 -9.87 N | 64.86 6.09 -6.58 N | 85.10 6.12 -26.96 N | 70.29 7.48 0.00 N | 69.63 7.31 0.00 N | 63.03 6.24 -3.01 N | 62.46 3.01 -31.96 N | 54.15 4.93 0.00 N |
| HUNTLEY___63 23557 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N |
| HUNTLEY___64 23558 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N |
| HUNTLEY___65 23559 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N |
| HUNTLEY___66 23560 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N |
| HUNTLEY___67 23561 | 54.52 -5.85 -1.78 N | 55.54 -5.86 0.00 N | 34.68 -3.31 -2.74 N | 36.59 -3.55 0.00 N | 28.86 -2.69 0.00 N | 61.43 -6.17 0.00 N | 48.86 -5.09 -0.31 N | 35.32 -4.56 -0.01 N | 44.43 -6.15 -0.02 N | 62.76 -8.97 -0.34 N | 84.54 -12.35 -0.39 N | 61.54 -8.60 -1.66 N | 52.71 -7.00 -0.02 N | 45.43 -5.99 -0.61 N | 38.70 -5.06 0.00 N | 26.69 -3.48 0.00 N | 24.50 -3.29 -1.31 N | 46.87 -6.19 -0.87 N | 49.25 -6.34 -3.57 N | 55.49 -7.33 0.00 N | 55.06 -7.26 0.00 N | 47.90 -6.28 -0.40 N | 29.61 -2.12 -4.23 N | 45.27 -3.96 0.00 N |
| HUNTLEY___68 23562 | 54.52 -5.85 -1.78 N | 55.54 -5.86 0.00 N | 34.68 -3.31 -2.74 N | 36.59 -3.55 0.00 N | 28.86 -2.69 0.00 N | 61.43 -6.17 0.00 N | 48.86 -5.09 -0.31 N | 35.32 -4.56 -0.01 N | 44.43 -6.15 -0.02 N | 62.76 -8.97 -0.34 N | 84.54 -12.35 -0.39 N | 61.54 -8.60 -1.66 N | 52.71 -7.00 -0.02 N | 45.43 -5.99 -0.61 N | 38.70 -5.06 0.00 N | 26.69 -3.48 0.00 N | 24.50 -3.29 -1.31 N | 46.87 -6.19 -0.87 N | 49.25 -6.34 -3.57 N | 55.49 -7.33 0.00 N | 55.06 -7.26 0.00 N | 47.90 -6.28 -0.40 N | 29.61 -2.12 -4.23 N | 45.27 -3.96 0.00 N |
| HYLAND___LFGE 323620 | 60.64 0.12 -1.92 N | 61.63 0.22 0.00 N | 38.32 0.09 -2.96 N | 40.47 0.33 0.00 N | 31.89 0.34 0.00 N | 68.17 0.57 0.00 N | 54.63 0.65 -0.34 N | 40.16 0.28 -0.02 N | 51.10 0.51 -0.02 N | 71.97 0.21 -0.36 N | 97.21 0.29 -0.42 N | 70.36 0.08 -1.80 N | 60.01 0.30 -0.02 N | 51.45 -0.02 -0.66 N | 43.63 -0.13 0.00 N | 29.11 -1.06 0.00 N | 26.12 -1.76 -1.40 N | 50.36 -2.76 -0.93 N | 53.04 -2.80 -3.82 N | 59.69 -3.12 0.00 N | 59.04 -3.28 0.00 N | 51.07 -3.14 -0.43 N | 30.82 -1.21 -4.53 N | 46.89 -2.34 0.00 N |
| INDECK___CORINTH 23802 | 80.77 5.89 -16.29 N | 67.66 6.26 0.00 N | 63.98 3.65 -25.07 N | 43.94 3.80 0.00 N | 34.67 3.12 0.00 N | 75.01 7.41 0.00 N | 61.96 5.45 -2.87 N | 43.55 3.56 -0.13 N | 55.46 4.71 -0.18 N | 81.09 6.61 -3.08 N | 109.63 9.59 -3.55 N | 89.87 6.15 -15.25 N | 65.19 5.30 -0.20 N | 60.15 3.73 -5.61 N | 47.00 3.24 0.00 N | 32.30 2.14 -0.01 N | 39.84 1.52 -11.83 N | 63.40 3.32 -7.90 N | 87.73 3.37 -32.34 N | 67.20 4.39 0.00 N | 67.15 4.83 0.00 N | 61.63 4.24 -3.61 N | 67.98 2.15 -38.33 N | 52.82 3.60 0.00 N |
| INDECK___ILION 23567 | 60.88 2.72 0.44 N | 64.21 2.80 0.00 N | 36.27 1.68 0.67 N | 42.00 1.86 0.00 N | 33.05 1.50 0.00 N | 71.02 3.42 0.00 N | 56.41 2.84 0.08 N | 41.94 2.08 0.00 N | 53.24 2.68 0.00 N | 74.88 3.58 0.08 N | 101.26 4.86 0.09 N | 71.48 3.41 0.41 N | 62.62 2.95 0.00 N | 53.12 2.46 0.15 N | 45.91 2.15 0.00 N | 31.60 1.43 0.00 N | 27.44 1.28 0.32 N | 54.55 2.58 0.21 N | 53.77 2.62 0.87 N | 66.16 3.34 0.00 N | 65.47 3.15 0.00 N | 56.34 2.66 0.10 N | 27.78 1.31 1.03 N | 51.60 2.37 0.00 N |
| INDECK___OLEAN 23982 | 60.92 0.34 -1.99 N | 61.88 0.47 0.00 N | 38.59 0.27 -3.06 N | 40.81 0.67 0.00 N | 32.21 0.65 0.00 N | 68.68 1.08 0.00 N | 55.25 1.25 -0.35 N | 40.58 0.70 -0.02 N | 51.73 1.14 -0.02 N | 73.53 1.76 -0.38 N | 99.33 2.40 -0.43 N | 71.66 1.32 -1.86 N | 61.07 1.36 -0.03 N | 52.65 1.16 -0.68 N | 45.08 1.32 0.00 N | 30.89 0.73 0.00 N | 28.49 0.46 -1.55 N | 55.22 2.01 -1.03 N | 58.19 1.95 -4.22 N | 65.65 2.83 0.00 N | 64.96 2.64 0.00 N | 56.30 2.05 -0.47 N | 34.04 1.54 -5.00 N | 51.13 1.91 0.00 N |
| INDECK___OSWEGO 23783 | 58.69 -0.76 -0.87 N | 60.50 -0.91 0.00 N | 36.12 -0.48 -1.34 N | 39.60 -0.54 0.00 N | 31.15 -0.41 0.00 N | 66.51 -1.09 0.00 N | 52.92 -0.87 -0.15 N | 39.24 -0.63 -0.01 N | 49.74 -0.83 -0.01 N | 70.20 -1.35 -0.16 N | 94.85 -1.84 -0.19 N | 67.94 -1.35 -0.81 N | 58.56 -1.14 -0.01 N | 50.06 -1.05 -0.30 N | 42.89 -0.87 0.00 N | 29.60 -0.57 0.00 N | 26.61 -0.50 -0.63 N | 51.67 -0.94 -0.42 N | 52.76 -0.99 -1.73 N | 61.68 -1.14 0.00 N | 61.06 -1.26 0.00 N | 52.84 -1.14 -0.19 N | 29.06 -0.49 -2.05 N | 48.55 -0.67 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 |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---|
| INDECK___YERKES 23781 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N | |
| INDIAN POINT_GT_1 24139 | 75.44 4.60 -12.25 N | 66.09 4.68 0.00 N | 56.75 2.63 -18.85 N | 43.12 2.98 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.59 4.79 -2.16 N | 43.58 3.61 -0.10 N | 55.67 4.96 -0.14 N | 80.87 7.16 -2.32 N | 109.00 9.83 -2.67 N | 86.79 6.84 -11.46 N | 65.86 6.02 -0.15 N | 60.06 5.03 -4.22 N | 48.09 4.32 0.00 N | 33.21 3.05 0.00 N | 38.12 2.74 -8.90 N | 63.76 5.64 -5.94 N | 82.05 5.72 -24.32 N | 70.03 7.21 0.00 N | 69.37 7.06 0.00 N | 62.57 6.07 -2.71 N | 59.18 2.87 -28.82 N | 53.82 4.60 0.00 N | |
| INDIAN POINT_GT_2 23659 | 75.44 4.60 -12.25 N | 66.09 4.68 0.00 N | 56.75 2.63 -18.85 N | 43.12 2.98 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.59 4.79 -2.16 N | 43.58 3.61 -0.10 N | 55.67 4.96 -0.14 N | 80.87 7.16 -2.32 N | 109.00 9.83 -2.67 N | 86.79 6.84 -11.46 N | 65.86 6.02 -0.15 N | 60.06 5.03 -4.22 N | 48.09 4.32 0.00 N | 33.21 3.05 0.00 N | 38.12 2.74 -8.90 N | 63.76 5.64 -5.94 N | 82.05 5.72 -24.32 N | 70.03 7.21 0.00 N | 69.37 7.06 0.00 N | 62.57 6.07 -2.71 N | 59.18 2.87 -28.82 N | 53.82 4.60 0.00 N | |
| INDIAN POINT_GT_3 24019 | 75.44 4.60 -12.25 N | 66.09 4.68 0.00 N | 56.75 2.63 -18.85 N | 43.12 2.98 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.59 4.79 -2.16 N | 43.58 3.61 -0.10 N | 55.67 4.96 -0.14 N | 80.87 7.16 -2.32 N | 109.00 9.83 -2.67 N | 86.79 6.84 -11.46 N | 65.86 6.02 -0.15 N | 60.06 5.03 -4.22 N | 48.09 4.32 0.00 N | 33.21 3.05 0.00 N | 38.12 2.74 -8.90 N | 63.76 5.64 -5.94 N | 82.05 5.72 -24.32 N | 70.03 7.21 0.00 N | 69.37 7.06 0.00 N | 62.57 6.07 -2.71 N | 59.18 2.87 -28.82 N | 53.82 4.60 0.00 N | |
| INDIAN POINT___2 23530 | 75.18 4.47 -12.12 N | 65.94 4.53 0.00 N | 56.47 2.56 -18.65 N | 43.04 2.90 0.00 N | 33.89 2.34 0.00 N | 72.93 5.33 0.00 N | 60.45 4.67 -2.14 N | 43.49 3.53 -0.10 N | 55.57 4.87 -0.14 N | 80.70 7.02 -2.29 N | 108.75 9.61 -2.64 N | 86.50 6.68 -11.34 N | 65.72 5.88 -0.15 N | 59.89 4.90 -4.17 N | 47.96 4.20 0.00 N | 33.14 2.97 0.00 N | 37.96 2.68 -8.80 N | 63.57 5.52 -5.87 N | 81.69 5.62 -24.06 N | 69.90 7.08 0.00 N | 69.24 6.92 0.00 N | 62.43 5.97 -2.68 N | 58.81 2.80 -28.51 N | 53.72 4.50 0.00 N | |
| INDIAN POINT___3 23531 | 75.24 4.39 -12.26 N | 65.87 4.46 0.00 N | 56.63 2.51 -18.86 N | 42.98 2.84 0.00 N | 33.85 2.29 0.00 N | 72.84 5.24 0.00 N | 60.40 4.59 -2.16 N | 43.42 3.46 -0.10 N | 55.48 4.78 -0.14 N | 80.59 6.88 -2.32 N | 108.59 9.42 -2.67 N | 86.52 6.57 -11.47 N | 65.62 5.78 -0.15 N | 59.86 4.83 -4.22 N | 47.91 4.14 0.00 N | 33.08 2.92 0.00 N | 38.01 2.63 -8.90 N | 63.53 5.41 -5.94 N | 81.85 5.50 -24.33 N | 69.75 6.93 0.00 N | 69.11 6.79 0.00 N | 62.34 5.85 -2.71 N | 59.09 2.76 -28.84 N | 53.64 4.42 0.00 N | |
| IP CORINTH___1 23988 | 80.83 5.94 -16.29 N | 67.74 6.33 0.00 N | 64.03 3.69 -25.07 N | 43.99 3.85 0.00 N | 34.71 3.15 0.00 N | 75.11 7.50 0.00 N | 62.02 5.50 -2.87 N | 43.43 3.44 -0.13 N | 55.28 4.53 -0.18 N | 80.74 6.26 -3.08 N | 109.17 9.13 -3.55 N | 89.97 6.24 -15.25 N | 65.46 5.57 -0.20 N | 60.50 4.08 -5.61 N | 47.23 3.47 0.00 N | 32.40 2.23 -0.01 N | 39.86 1.54 -11.83 N | 63.40 3.32 -7.90 N | 87.77 3.41 -32.34 N | 67.29 4.48 0.00 N | 67.48 5.16 0.00 N | 61.98 4.59 -3.61 N | 68.25 2.43 -38.33 N | 53.30 4.08 0.00 N | |
| IP___TICONDEROGA 23804 | 81.72 7.41 -15.72 N | 69.23 7.82 0.00 N | 64.10 4.65 -24.20 N | 44.78 4.64 0.00 N | 35.38 3.82 0.00 N | 76.84 9.24 0.00 N | 63.68 7.26 -2.77 N | 45.14 5.15 -0.12 N | 57.31 6.57 -0.18 N | 83.48 9.11 -2.98 N | 112.66 12.73 -3.42 N | 92.50 9.32 -14.71 N | 67.69 7.80 -0.20 N | 62.87 6.64 -5.41 N | 49.45 5.69 0.00 N | 34.09 3.93 -0.01 N | 41.33 3.43 -11.42 N | 66.25 6.45 -7.62 N | 89.57 6.34 -31.21 N | 70.48 7.67 0.00 N | 70.09 7.77 0.00 N | 64.20 6.93 -3.48 N | 68.15 3.67 -36.99 N | 55.68 6.46 0.00 N | |
| JARVIS____ 23743 | 59.06 0.91 0.44 N | 62.31 0.91 0.00 N | 35.12 0.53 0.67 N | 40.74 0.60 0.00 N | 32.03 0.48 0.00 N | 68.68 1.08 0.00 N | 54.48 0.91 0.08 N | 40.54 0.68 0.00 N | 51.42 0.86 0.00 N | 72.53 1.22 0.08 N | 98.12 1.71 0.09 N | 69.24 1.17 0.41 N | 60.69 1.02 0.00 N | 51.53 0.86 0.15 N | 44.50 0.74 0.00 N | 30.66 0.49 0.00 N | 26.59 0.43 0.32 N | 52.86 0.89 0.21 N | 52.03 0.88 0.87 N | 63.91 1.09 0.00 N | 63.32 1.00 0.00 N | 54.54 0.85 0.10 N | 26.88 0.41 1.03 N | 49.95 0.73 0.00 N | |
| JENNISON___1 23625 | 66.18 3.41 -4.17 N | 65.04 3.64 0.00 N | 43.82 2.14 -6.42 N | 42.74 2.59 0.00 N | 33.67 2.11 0.00 N | 71.93 4.33 0.00 N | 58.28 3.90 -0.74 N | 43.03 3.14 -0.03 N | 54.91 4.30 -0.05 N | 77.96 5.78 -0.79 N | 105.21 7.80 -0.91 N | 77.68 5.30 -3.90 N | 64.32 4.59 -0.05 N | 55.95 3.71 -1.44 N | 47.04 3.28 0.00 N | 32.44 2.27 0.00 N | 31.54 2.03 -3.03 N | 58.68 4.48 -2.02 N | 64.81 4.52 -8.27 N | 68.64 5.82 0.00 N | 67.66 5.34 0.00 N | 59.08 4.38 -0.92 N | 39.42 2.12 -9.80 N | 52.80 3.58 0.00 N | |
| JENNISON___2 23626 | 66.08 3.32 -4.17 N | 64.95 3.54 0.00 N | 43.76 2.07 -6.42 N | 42.67 2.53 0.00 N | 33.63 2.07 0.00 N | 71.83 4.23 0.00 N | 58.18 3.81 -0.74 N | 42.96 3.06 -0.03 N | 54.81 4.20 -0.05 N | 77.83 5.65 -0.79 N | 105.01 7.60 -0.91 N | 77.54 5.16 -3.90 N | 64.20 4.47 -0.05 N | 55.85 3.60 -1.44 N | 46.95 3.19 0.00 N | 32.38 2.21 0.00 N | 31.48 1.98 -3.03 N | 58.57 4.37 -2.02 N | 64.69 4.40 -8.27 N | 68.51 5.69 0.00 N | 67.53 5.22 0.00 N | 58.98 4.27 -0.92 N | 39.37 2.07 -9.80 N | 52.72 3.50 0.00 N | |
| KEDC PORT_JEFF_GT2 24210 | 76.58 5.66 -12.34 N | 67.05 5.65 0.00 N | 57.35 3.11 -18.98 N | 43.57 3.43 0.00 N | 34.35 2.79 0.00 N | 73.72 6.12 0.00 N | 61.25 5.43 -2.18 N | 44.20 4.24 -0.10 N | 56.68 5.98 -0.14 N | 139.72 8.86 -59.47 N | 168.36 11.65 -60.21 N | 119.15 8.21 -42.46 N | 118.63 7.26 -51.68 N | 122.61 6.13 -65.67 N | 113.23 5.24 -64.23 N | 112.83 3.69 -78.97 N | 122.59 3.34 -92.77 N | 110.50 6.34 -51.97 N | 102.16 6.50 -43.63 N | 148.41 8.23 -77.36 N | 121.97 8.52 -51.12 N | 114.37 7.06 -53.52 N | 63.91 3.55 -32.87 N | 54.73 5.51 0.00 N | |
| KEDC PORT_JEFF_GT3 24211 | 76.58 5.66 -12.34 N | 67.05 5.65 0.00 N | 57.35 3.11 -18.98 N | 43.57 3.43 0.00 N | 34.35 2.79 0.00 N | 73.72 6.12 0.00 N | 61.25 5.43 -2.18 N | 44.20 4.24 -0.10 N | 56.68 5.98 -0.14 N | 139.72 8.86 -59.47 N | 168.36 11.65 -60.21 N | 119.15 8.21 -42.46 N | 118.63 7.26 -51.68 N | 122.61 6.13 -65.67 N | 113.23 5.24 -64.23 N | 112.83 3.69 -78.97 N | 122.59 3.34 -92.77 N | 110.50 6.34 -51.97 N | 102.16 6.50 -43.63 N | 148.41 8.23 -77.36 N | 121.97 8.52 -51.12 N | 114.37 7.06 -53.52 N | 63.91 3.55 -32.87 N | 54.73 5.51 0.00 N | |
| KEDC_GLWD_GT4 | 76.66 | 67.20 | 57.45 | 43.75 | 34.46 | 74.08 | 61.47 | 44.28 | 56.71 | 139.64 | 170.63 | 126.48 | 130.89 | 129.53 | 116.12 | 114.70 | 136.30 | 124.05 | 119.68 | 152.47 | 124.19 | 121.54 | 65.02 | 54.85 | |

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| 24219 | 5.73 -12.34 N | 5.79 0.00 N | 3.21 -18.98 N | 3.61 0.00 N | 2.90 0.00 N | 6.48 0.00 N | 5.66 -2.18 N | 4.32 -0.10 N | 6.00 -0.14 N | 8.78 -59.47 N | 12.04 -62.09 N | 8.41 -49.59 N | 7.42 -63.79 N | 6.24 -72.48 N | 5.36 -67.00 N | 3.75 -80.78 N | 3.38 -106.44 N | 6.60 -65.26 N | 6.63 -61.03 N | 8.29 -81.36 N | 8.18 -53.69 N | 7.30 -60.45 N | 3.56 -33.97 N | 5.63 0.00 N |
| KEDC_GLWD_GT5 24220 | 76.66 5.73 -12.34 N | 67.20 5.79 0.00 N | 57.45 3.21 -18.98 N | 43.75 3.61 0.00 N | 34.46 2.90 0.00 N | 74.08 6.48 0.00 N | 61.47 5.66 -2.18 N | 44.28 4.32 -0.10 N | 56.71 6.00 -0.14 N | 139.64 8.78 -59.47 N | 170.63 12.04 -62.09 N | 126.48 8.41 -49.59 N | 130.89 7.42 -63.79 N | 129.53 6.24 -72.48 N | 116.12 5.36 -67.00 N | 114.70 3.75 -80.78 N | 136.30 3.38 -106.44 N | 124.05 6.60 -65.26 N | 119.68 6.63 -61.03 N | 152.47 8.29 -81.36 N | 124.19 8.18 -53.69 N | 121.54 7.30 -60.45 N | 65.02 3.56 -33.97 N | 54.85 5.63 0.00 N |
| KENSICO____ 23655 | 75.78 4.87 -12.32 N | 66.36 4.96 0.00 N | 57.01 2.78 -18.96 N | 43.28 3.14 0.00 N | 34.09 2.53 0.00 N | 73.37 5.77 0.00 N | 60.83 5.02 -2.17 N | 43.76 3.79 -0.10 N | 55.89 5.19 -0.14 N | 81.23 7.51 -2.33 N | 109.46 10.28 -2.68 N | 87.16 7.15 -11.53 N | 66.15 6.32 -0.15 N | 60.34 5.29 -4.24 N | 48.31 4.55 0.00 N | 33.36 3.19 0.00 N | 38.30 2.87 -8.95 N | 64.02 5.87 -5.97 N | 82.43 5.95 -24.46 N | 70.28 7.47 0.00 N | 69.63 7.31 0.00 N | 62.82 6.31 -2.73 N | 59.48 3.00 -28.99 N | 54.05 4.83 0.00 N |
| KIAC_JFK_GT1 23816 | 75.95 5.03 -12.33 N | 66.63 5.23 0.00 N | 57.11 2.87 -18.98 N | 43.35 3.21 0.00 N | 34.12 2.56 0.00 N | 73.56 5.96 0.00 N | 61.09 5.27 -2.17 N | 43.96 4.00 -0.10 N | 56.32 5.62 -0.14 N | 82.00 8.28 -2.33 N | 110.22 11.03 -2.69 N | 87.67 7.65 -11.54 N | 66.62 6.78 -0.15 N | 60.61 5.55 -4.24 N | 48.51 4.75 0.00 N | 33.51 3.34 0.00 N | 38.41 2.97 -8.96 N | 64.08 5.92 -5.98 N | 82.44 5.94 -24.48 N | 70.30 7.49 0.00 N | 69.66 7.34 0.00 N | 62.93 6.42 -2.73 N | 59.82 3.30 -29.02 N | 54.50 5.27 0.00 N |
| KIAC_JFK_GT2 23817 | 75.95 5.03 -12.33 N | 66.63 5.23 0.00 N | 57.11 2.87 -18.98 N | 43.35 3.21 0.00 N | 34.12 2.56 0.00 N | 73.56 5.96 0.00 N | 61.09 5.27 -2.17 N | 43.96 4.00 -0.10 N | 56.32 5.62 -0.14 N | 82.00 8.28 -2.33 N | 110.22 11.03 -2.69 N | 87.67 7.65 -11.54 N | 66.62 6.78 -0.15 N | 60.61 5.55 -4.24 N | 48.51 4.75 0.00 N | 33.51 3.34 0.00 N | 38.41 2.97 -8.96 N | 64.08 5.92 -5.98 N | 82.44 5.94 -24.48 N | 70.30 7.49 0.00 N | 69.66 7.34 0.00 N | 62.93 6.42 -2.73 N | 59.82 3.30 -29.02 N | 54.50 5.27 0.00 N |
| KINTIGH____ 23543 | 54.00 -6.08 -1.49 N | 55.24 -6.16 0.00 N | 34.08 -3.48 -2.30 N | 36.33 -3.81 0.00 N | 28.62 -2.94 0.00 N | 61.09 -6.51 0.00 N | 48.62 -5.28 -0.26 N | 35.28 -4.59 -0.01 N | 44.39 -6.19 -0.02 N | 62.92 -8.75 -0.28 N | 85.27 -11.56 -0.33 N | 61.91 -7.97 -1.40 N | 53.06 -6.64 -0.02 N | 45.53 -5.80 -0.51 N | 38.86 -4.90 0.00 N | 26.82 -3.35 0.00 N | 24.38 -3.19 -1.10 N | 46.66 -6.26 -0.73 N | 48.49 -6.52 -2.99 N | 55.16 -7.66 0.00 N | 54.69 -7.63 0.00 N | 47.48 -6.63 -0.33 N | 28.57 -2.48 -3.55 N | 44.78 -4.44 0.00 N |
| LEDERLE____ 23769 | 75.74 5.20 -11.95 N | 66.72 5.31 0.00 N | 56.66 3.00 -18.39 N | 43.57 3.43 0.00 N | 34.31 2.75 0.00 N | 73.80 6.20 0.00 N | 61.15 5.40 -2.11 N | 44.03 4.07 -0.09 N | 56.28 5.58 -0.14 N | 81.48 7.83 -2.26 N | 109.78 10.68 -2.60 N | 87.08 7.42 -11.18 N | 66.36 6.52 -0.15 N | 60.35 5.43 -4.11 N | 48.40 4.64 0.00 N | 33.44 3.27 0.00 N | 38.12 2.96 -8.68 N | 64.12 6.14 -5.79 N | 82.00 6.27 -23.72 N | 70.81 8.00 0.00 N | 70.04 7.72 0.00 N | 63.07 6.64 -2.65 N | 58.73 3.12 -28.11 N | 54.39 5.17 0.00 N |
| LINDEN COGEN____ 23786 | 76.14 5.21 -12.33 N | 66.70 5.29 0.00 N | 57.14 2.90 -18.98 N | 43.49 3.35 0.00 N | 34.22 2.67 0.00 N | 73.74 6.13 0.00 N | 61.17 5.35 -2.17 N | 44.01 4.04 -0.10 N | 56.25 5.55 -0.14 N | 81.80 8.08 -2.33 N | 110.16 10.97 -2.69 N | 87.51 7.49 -11.54 N | 66.60 6.76 -0.15 N | 60.71 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.45 3.02 -8.96 N | 64.25 6.09 -5.98 N | 82.60 6.10 -24.48 N | 70.52 7.71 0.00 N | 69.89 7.57 0.00 N | 63.03 6.52 -2.73 N | 59.61 3.10 -29.02 N | 54.18 4.97 0.00 N |
| LIPA_MISC_IPP 23656 | 76.14 5.21 -12.34 N | 66.58 5.17 0.00 N | 57.07 2.82 -18.98 N | 43.25 3.11 0.00 N | 34.12 2.56 0.00 N | 73.26 5.66 0.00 N | 60.91 5.10 -2.18 N | 43.94 3.98 -0.10 N | 56.30 5.60 -0.14 N | 139.23 8.37 -59.47 N | 167.76 11.07 -60.19 N | 118.64 7.77 -42.39 N | 118.07 6.82 -51.57 N | 122.16 5.74 -65.61 N | 112.88 4.92 -64.20 N | 112.57 3.46 -78.96 N | 122.26 3.14 -92.64 N | 110.43 6.40 -51.85 N | 101.99 6.50 -43.47 N | 148.29 8.16 -77.32 N | 121.51 8.09 -51.10 N | 113.91 6.68 -53.45 N | 63.63 3.28 -32.86 N | 54.24 5.02 0.00 N |
| LITTLE FALLS____HYD 24013 | 63.12 4.96 0.44 N | 66.54 5.13 0.00 N | 37.69 3.10 0.67 N | 43.60 3.46 0.00 N | 34.33 2.77 0.00 N | 74.04 6.43 0.00 N | 58.90 5.33 0.08 N | 43.71 3.84 0.00 N | 55.50 4.95 0.00 N | 78.13 6.83 0.08 N | 105.65 9.24 0.09 N | 74.54 6.47 0.41 N | 65.27 5.59 0.00 N | 55.33 4.67 0.15 N | 47.86 4.10 0.00 N | 32.87 2.71 0.00 N | 28.59 2.42 0.32 N | 56.84 4.87 0.21 N | 56.11 4.97 0.87 N | 69.04 6.22 0.00 N | 68.37 6.05 0.00 N | 58.80 5.12 0.10 N | 28.99 2.52 1.03 N | 53.66 4.44 0.00 N |
| LI_NEWBRDGE____DRP 323616 | 76.37 5.45 -12.34 N | 66.84 5.43 0.00 N | 57.23 2.99 -18.98 N | 43.47 3.33 0.00 N | 34.24 2.68 0.00 N | 73.56 5.95 0.00 N | 61.06 5.24 -2.18 N | 44.03 4.07 -0.10 N | 56.43 5.73 -0.14 N | 139.35 8.49 -59.83 N | 167.86 11.53 -41.04 N | 117.59 8.07 -49.28 N | 116.07 7.10 -64.32 N | 121.12 5.98 -64.32 N | 112.58 5.15 -63.68 N | 112.38 3.60 -78.61 N | 119.76 3.22 -90.06 N | 108.04 6.52 -49.34 N | 98.82 6.62 -40.18 N | 147.71 8.33 -76.56 N | 121.12 8.18 -50.61 N | 112.88 6.95 -52.14 N | 63.59 3.45 -32.65 N | 54.60 5.38 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 58.90 -0.59 -0.90 N | 60.67 -0.73 0.00 N | 36.27 -0.38 -1.39 N | 39.72 -0.42 0.00 N | 31.26 -0.30 0.00 N | 66.75 -0.86 0.00 N | 53.11 -0.69 -0.16 N | 39.38 -0.50 -0.01 N | 49.93 -0.64 -0.01 N | 70.50 -1.06 -0.17 N | 95.32 -1.38 -0.20 N | 68.29 -1.03 -0.84 N | 58.81 -0.88 -0.01 N | 50.28 -0.84 -0.31 N | 43.07 -0.69 0.00 N | 29.72 -0.44 0.00 N | 26.76 -0.38 -0.66 N | 51.93 -0.69 -0.44 N | 53.10 -0.71 -1.79 N | 62.00 -0.82 0.00 N | 61.37 -0.95 0.00 N | 53.09 -0.89 -0.20 N | 29.26 -0.36 -2.13 N | 48.74 -0.48 0.00 N |
| LOVETT____3 23632 | 74.76 4.17 -12.00 N | 65.63 4.23 0.00 N | 56.12 2.39 -18.47 N | 42.85 2.71 0.00 N | 33.75 2.19 0.00 N | 72.62 5.02 0.00 N | 60.18 4.42 -2.12 N | 43.29 3.33 -0.09 N | 55.32 4.62 -0.14 N | 80.34 6.68 -2.27 N | 108.29 9.17 -2.61 N | 86.06 6.35 -11.23 N | 65.41 5.58 -0.15 N | 59.57 4.63 -4.13 N | 47.73 3.97 0.00 N | 32.97 2.81 0.00 N | 37.74 2.54 -8.72 N | 63.25 5.25 -5.82 N | 81.21 5.37 -23.82 N | 69.60 6.78 0.00 N | 68.97 6.65 0.00 N | 62.18 5.74 -2.66 N | 58.40 2.67 -28.24 N | 53.48 4.26 0.00 N |
| LOVETT____4 23642 | 75.17 4.57 -12.01 N | 66.06 4.65 0.00 N | 56.37 2.62 -18.48 N | 43.13 2.99 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.56 4.80 -2.12 N | 43.57 3.61 -0.09 N | 55.69 4.99 -0.14 N | 80.88 7.21 -2.27 N | 109.01 9.89 -2.62 N | 86.57 6.86 -11.24 N | 65.87 6.03 -0.15 N | 59.96 5.02 -4.13 N | 48.06 4.30 0.00 N | 33.20 3.03 0.00 N | 37.94 2.74 -8.72 N | 63.68 5.67 -5.82 N | 81.64 5.79 -23.83 N | 70.11 7.30 0.00 N | 69.47 7.15 0.00 N | 62.59 6.15 -2.66 N | 58.62 2.87 -28.25 N | 53.83 4.61 0.00 N |

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|--------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| LOVETT___5 23593 | 75.17 4.57 -12.01 N | 66.06 4.65 0.00 N | 56.37 2.62 -18.48 N | 43.13 2.99 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.56 4.80 -2.12 N | 43.57 3.61 -0.09 N | 55.69 4.99 -0.14 N | 80.88 7.21 -2.27 N | 109.01 9.89 -2.62 N | 86.57 6.86 -11.24 N | 65.87 6.03 -0.15 N | 59.96 5.02 -4.13 N | 48.06 4.30 0.00 N | 33.20 3.03 0.00 N | 37.94 2.74 -8.72 N | 63.68 5.67 -5.82 N | 81.64 5.79 -23.83 N | 70.11 7.30 0.00 N | 69.47 7.15 0.00 N | 62.59 6.15 -2.66 N | 58.62 2.87 -28.25 N | 53.83 4.61 0.00 N |
| LOWER RAQUET___HYD 24057 | 57.04 -1.55 0.00 N | 60.39 -1.02 0.00 N | 34.43 -0.83 0.00 N | 39.46 -0.67 0.00 N | 30.43 -1.13 0.00 N | 64.36 -3.24 0.00 N | 51.12 -2.52 0.00 N | 38.24 -1.62 0.00 N | 48.50 -2.06 0.00 N | 68.41 -2.98 0.00 N | 91.84 -4.65 0.00 N | 65.29 -3.19 0.00 N | 56.65 -3.03 0.00 N | 48.58 -2.23 0.00 N | 41.81 -1.95 0.00 N | 28.77 -1.39 0.00 N | 24.91 -1.57 0.00 N | 49.39 -2.79 0.00 N | 49.24 -2.78 0.00 N | 58.79 -4.02 0.00 N | 58.85 -3.47 0.00 N | 50.61 -3.17 0.00 N | 25.75 -1.75 0.00 N | 46.67 -2.55 0.00 N |
| LOWER___HUDSON 24059 | 78.78 4.37 -15.82 N | 66.00 4.59 0.00 N | 62.32 2.71 -24.35 N | 42.95 2.81 0.00 N | 33.88 2.32 0.00 N | 73.13 5.52 0.00 N | 60.95 4.52 -2.79 N | 43.27 3.28 -0.12 N | 54.81 4.07 -0.18 N | 80.03 5.65 -3.00 N | 107.81 7.86 -3.45 N | 88.86 5.58 -14.81 N | 64.76 4.88 -0.20 N | 60.46 4.20 -5.44 N | 47.42 3.67 0.00 N | 32.58 2.41 -0.01 N | 40.04 2.07 -11.49 N | 64.03 4.18 -7.67 N | 87.59 4.16 -31.41 N | 67.87 5.05 0.00 N | 67.36 5.04 0.00 N | 61.70 4.41 -3.51 N | 66.93 2.20 -37.23 N | 53.03 3.81 0.00 N |
| LWR___OSWEGATCHIE_HYD 23850 | 58.76 0.17 0.00 N | 61.85 0.44 0.00 N | 35.36 0.10 0.00 N | 40.41 0.27 0.00 N | 31.39 -0.17 0.00 N | 66.72 -0.88 0.00 N | 53.08 -0.57 0.00 N | 39.66 -0.21 0.00 N | 50.37 -0.19 0.00 N | 71.04 -0.35 0.00 N | 95.72 -0.78 0.00 N | 67.92 -0.56 0.00 N | 59.05 -0.64 0.00 N | 50.45 -0.36 0.00 N | 43.45 -0.32 0.00 N | 29.91 -0.25 0.00 N | 26.07 -0.41 0.00 N | 51.62 -0.56 0.00 N | 51.40 -0.62 0.00 N | 61.68 -1.14 0.00 N | 61.39 -0.93 0.00 N | 52.75 -1.03 0.00 N | 26.82 -0.68 0.00 N | 48.32 -0.90 0.00 N |
| LYONS_FALL_HYD 23570 | 60.04 1.45 0.00 N | 62.90 1.49 0.00 N | 36.08 0.82 0.00 N | 41.10 0.96 0.00 N | 32.24 0.68 0.00 N | 68.93 1.33 0.00 N | 54.85 1.21 0.00 N | 40.88 1.02 0.00 N | 51.96 1.40 0.00 N | 73.36 1.97 0.00 N | 99.13 2.63 0.00 N | 70.27 1.79 0.00 N | 61.20 1.52 0.00 N | 52.06 1.25 0.00 N | 44.86 1.10 0.00 N | 30.89 0.73 0.00 N | 27.12 0.64 0.00 N | 53.62 1.43 0.00 N | 53.41 1.39 0.00 N | 64.44 1.63 0.00 N | 63.80 1.48 0.00 N | 54.83 1.04 0.00 N | 27.88 0.38 0.00 N | 50.01 0.79 0.00 N |
| MAPLE RIDGE_WT_1 323574 | 57.68 -0.18 0.73 N | 61.28 -0.13 0.00 N | 34.03 -0.11 1.13 N | 40.06 -0.08 0.00 N | 31.42 -0.14 0.00 N | 67.24 -0.36 0.00 N | 53.15 -0.37 0.13 N | 39.50 -0.36 0.01 N | 49.98 -0.58 0.01 N | 70.56 -0.69 0.14 N | 95.59 -0.76 0.16 N | 67.32 -0.47 0.69 N | 59.11 -0.56 0.01 N | 50.00 -0.56 0.25 N | 43.22 -0.54 0.00 N | 29.72 -0.44 0.00 N | 25.42 -0.53 0.53 N | 50.75 -1.08 0.35 N | 49.51 -1.05 1.45 N | 61.43 -1.39 0.00 N | 60.76 -1.55 0.00 N | 52.23 -1.39 0.16 N | 25.14 -0.64 1.72 N | 48.18 -1.04 0.00 N |
| MAPLE RIDGE_WT_2 323611 | 57.68 -0.18 0.73 N | 61.28 -0.13 0.00 N | 34.03 -0.11 1.13 N | 40.06 -0.08 0.00 N | 31.42 -0.14 0.00 N | 67.24 -0.36 0.00 N | 53.15 -0.37 0.13 N | 39.50 -0.36 0.01 N | 49.98 -0.58 0.01 N | 70.56 -0.69 0.14 N | 95.59 -0.76 0.16 N | 67.32 -0.47 0.69 N | 59.11 -0.56 0.01 N | 50.00 -0.56 0.25 N | 43.22 -0.54 0.00 N | 29.72 -0.44 0.00 N | 25.42 -0.53 0.53 N | 50.75 -1.08 0.35 N | 49.51 -1.05 1.45 N | 61.43 -1.39 0.00 N | 60.76 -1.55 0.00 N | 52.23 -1.39 0.16 N | 25.14 -0.64 1.72 N | 48.18 -1.04 0.00 N |
| MG INDUSTRY___DRP 24185 | 76.63 2.24 -15.79 N | 63.72 2.32 0.00 N | 60.91 1.35 -24.30 N | 41.59 1.45 0.00 N | 32.78 1.22 0.00 N | 70.54 2.93 0.00 N | 58.97 2.55 -2.78 N | 41.89 1.89 -0.12 N | 53.12 2.38 -0.18 N | 77.57 3.19 -2.99 N | 104.14 4.20 -3.44 N | 86.21 2.96 -14.78 N | 62.48 2.60 -0.20 N | 58.53 2.28 -5.43 N | 45.73 1.97 0.00 N | 31.47 1.30 -0.01 N | 39.12 1.17 -11.47 N | 62.14 2.31 -7.65 N | 85.65 2.29 -31.35 N | 65.69 2.88 0.00 N | 65.14 2.82 0.00 N | 59.73 2.45 -3.50 N | 65.83 1.18 -37.16 N | 51.29 2.06 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 58.76 0.17 0.00 N | 61.85 0.44 0.00 N | 35.36 0.10 0.00 N | 40.41 0.27 0.00 N | 31.39 -0.17 0.00 N | 66.72 -0.88 0.00 N | 53.08 -0.57 0.00 N | 39.66 -0.21 0.00 N | 50.37 -0.19 0.00 N | 71.04 -0.35 0.00 N | 95.72 -0.78 0.00 N | 67.92 -0.56 0.00 N | 59.05 -0.64 0.00 N | 50.45 -0.36 0.00 N | 43.45 -0.32 0.00 N | 29.91 -0.25 0.00 N | 26.07 -0.41 0.00 N | 51.62 -0.56 0.00 N | 51.40 -0.62 0.00 N | 61.68 -1.14 0.00 N | 61.39 -0.93 0.00 N | 52.75 -1.03 0.00 N | 26.82 -0.68 0.00 N | 48.32 -0.90 0.00 N |
| MID___RAQUETTE_HYD 23851 | 57.04 -1.55 0.00 N | 60.39 -1.02 0.00 N | 34.43 -0.83 0.00 N | 39.46 -0.67 0.00 N | 30.43 -1.13 0.00 N | 64.36 -3.24 0.00 N | 51.12 -2.52 0.00 N | 38.24 -1.62 0.00 N | 48.50 -2.06 0.00 N | 68.41 -2.98 0.00 N | 91.84 -4.65 0.00 N | 65.29 -3.19 0.00 N | 56.65 -3.03 0.00 N | 48.58 -2.23 0.00 N | 41.81 -1.95 0.00 N | 28.77 -1.39 0.00 N | 24.91 -1.57 0.00 N | 49.39 -2.79 0.00 N | 49.24 -2.78 0.00 N | 58.79 -4.02 0.00 N | 58.85 -3.47 0.00 N | 50.61 -3.17 0.00 N | 25.75 -1.75 0.00 N | 46.67 -2.55 0.00 N |
| MILLIKEN___1 23584 | 57.71 -2.81 -1.94 N | 58.57 -2.83 0.00 N | 36.83 -1.41 -2.98 N | 38.65 -1.49 0.00 N | 30.84 -0.71 0.00 N | 64.89 -2.71 0.00 N | 52.12 -1.87 -0.34 N | 38.75 -1.13 -0.02 N | 49.37 -1.21 -0.02 N | 69.47 -2.29 -0.37 N | 93.85 -3.07 -0.42 N | 68.26 -2.03 -1.81 N | 57.68 -2.03 -0.02 N | 49.60 -1.88 -0.67 N | 42.25 -1.51 0.00 N | 29.43 -0.73 0.00 N | 27.29 -0.60 -1.40 N | 52.03 -1.09 -0.94 N | 54.80 -1.06 -3.84 N | 61.83 -0.98 0.00 N | 60.77 -1.55 0.00 N | 52.57 -1.64 -0.43 N | 31.11 -0.94 -4.55 N | 47.63 -1.59 0.00 N |
| MILLIKEN___2 23585 | 57.71 -2.81 -1.94 N | 58.57 -2.83 0.00 N | 36.83 -1.41 -2.98 N | 38.65 -1.49 0.00 N | 30.84 -0.71 0.00 N | 64.89 -2.71 0.00 N | 52.12 -1.87 -0.34 N | 38.75 -1.13 -0.02 N | 49.37 -1.21 -0.02 N | 69.47 -2.29 -0.37 N | 93.85 -3.07 -0.42 N | 68.26 -2.03 -1.81 N | 57.68 -2.03 -0.02 N | 49.60 -1.88 -0.67 N | 42.25 -1.51 0.00 N | 29.43 -0.73 0.00 N | 27.29 -0.60 -1.40 N | 52.03 -1.09 -0.94 N | 54.80 -1.06 -3.84 N | 61.83 -0.98 0.00 N | 60.77 -1.55 0.00 N | 52.57 -1.64 -0.43 N | 31.11 -0.94 -4.55 N | 47.63 -1.59 0.00 N |
| MILLIKEN___DIESEL 23629 | 57.71 -2.81 -1.94 N | 58.57 -2.83 0.00 N | 36.83 -1.41 -2.98 N | 38.65 -1.49 0.00 N | 30.84 -0.71 0.00 N | 64.89 -2.71 0.00 N | 52.12 -1.87 -0.34 N | 38.75 -1.13 -0.02 N | 49.37 -1.21 -0.02 N | 69.47 -2.29 -0.37 N | 93.85 -3.07 -0.42 N | 68.26 -2.03 -1.81 N | 57.68 -2.03 -0.02 N | 49.60 -1.88 -0.67 N | 42.25 -1.51 0.00 N | 29.43 -0.73 0.00 N | 27.29 -0.60 -1.40 N | 52.03 -1.09 -0.94 N | 54.80 -1.06 -3.84 N | 61.83 -0.98 0.00 N | 60.77 -1.55 0.00 N | 52.57 -1.64 -0.43 N | 31.11 -0.94 -4.55 N | 47.63 -1.59 0.00 N |
| MILLSEAT___LFGE 323607 | 56.02 -4.21 -1.65 N | 57.20 -4.21 0.00 N | 35.40 -2.39 -2.53 N | 37.54 -2.60 0.00 N | 29.64 -1.92 0.00 N | 63.26 -4.34 0.00 N | 50.31 -3.63 -0.29 N | 36.46 -3.42 -0.01 N | 45.94 -4.64 -0.02 N | 64.85 -6.85 -0.31 N | 87.43 -9.42 -0.36 N | 63.50 -6.52 -1.54 N | 54.50 -5.20 -0.02 N | 46.88 -4.50 -0.57 N | 39.96 -3.80 0.00 N | 27.55 -2.61 0.00 N | 25.19 -2.50 -1.21 N | 48.58 -4.41 -0.81 N | 50.79 -4.53 -3.30 N | 57.66 -5.15 0.00 N | 57.07 -5.25 0.00 N | 49.51 -4.64 -0.37 N | 30.03 -1.38 -3.91 N | 46.61 -2.61 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 |
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| MODEL_CITY_ENERGY 24167 | 54.64 -5.68 -1.73 N | 55.71 -5.69 0.00 N | 34.69 -3.23 -2.66 N | 36.67 -3.47 0.00 N | 28.90 -2.66 0.00 N | 61.59 -6.01 0.00 N | 48.93 -5.02 -0.30 N | 35.27 -4.61 -0.01 N | 44.32 -6.26 -0.02 N | 62.54 -9.18 -0.33 N | 84.24 -12.63 -0.38 N | 61.36 -8.74 -1.62 N | 52.63 -7.08 -0.02 N | 45.34 -6.06 -0.59 N | 38.62 -5.14 0.00 N | 26.63 -3.54 0.00 N | 24.40 -3.35 -1.27 N | 46.75 -6.28 -0.85 N | 49.06 -6.43 -3.47 N | 55.41 -7.41 0.00 N | 54.95 -7.37 0.00 N | 47.78 -6.39 -0.39 N | 29.51 -2.10 -4.11 N | 45.36 -3.86 0.00 N | |
| MODERN_LFGE___ 323580 | 54.64 -5.68 -1.73 N | 55.71 -5.69 0.00 N | 34.69 -3.23 -2.66 N | 36.67 -3.47 0.00 N | 28.90 -2.66 0.00 N | 61.59 -6.01 0.00 N | 48.93 -5.02 -0.30 N | 35.27 -4.61 -0.01 N | 44.32 -6.26 -0.02 N | 62.54 -9.18 -0.33 N | 84.24 -12.63 -0.38 N | 61.36 -8.74 -1.62 N | 52.63 -7.08 -0.02 N | 45.34 -6.06 -0.59 N | 38.62 -5.14 0.00 N | 26.63 -3.54 0.00 N | 24.40 -3.35 -1.27 N | 46.75 -6.28 -0.85 N | 49.06 -6.43 -3.47 N | 55.41 -7.41 0.00 N | 54.95 -7.37 0.00 N | 47.78 -6.39 -0.39 N | 29.51 -2.10 -4.11 N | 45.36 -3.86 0.00 N | |
| MOHAWK_PAPER___DRP 24187 | 78.37 3.80 -15.98 N | 65.36 3.95 0.00 N | 62.17 2.32 -24.59 N | 42.59 2.45 0.00 N | 33.58 2.02 0.00 N | 72.36 4.76 0.00 N | 60.41 3.95 -2.82 N | 42.91 2.92 -0.13 N | 54.31 3.57 -0.18 N | 79.32 4.91 -3.02 N | 106.73 6.76 -3.48 N | 88.24 4.81 -14.95 N | 64.10 4.22 -0.20 N | 60.00 3.69 -5.50 N | 46.94 3.18 0.00 N | 32.25 2.08 -0.01 N | 39.90 1.81 -11.61 N | 63.55 3.62 -7.74 N | 87.35 3.61 -31.71 N | 67.24 4.43 0.00 N | 66.67 4.36 0.00 N | 61.11 3.79 -3.54 N | 66.96 1.88 -37.59 N | 52.53 3.31 0.00 N | |
| MONGAUP___HYD 23641 | 75.00 5.07 -11.34 N | 66.70 5.29 0.00 N | 55.72 3.01 -17.45 N | 43.55 3.41 0.00 N | 34.30 2.74 0.00 N | 73.77 6.16 0.00 N | 60.91 5.27 -2.00 N | 43.85 3.90 -0.09 N | 55.99 5.30 -0.13 N | 80.51 6.97 -2.15 N | 108.38 9.41 -2.47 N | 85.63 6.54 -10.61 N | 65.21 5.38 -0.14 N | 59.30 4.59 -3.90 N | 47.68 3.92 0.00 N | 32.67 2.51 0.00 N | 37.01 2.30 -8.23 N | 62.61 4.93 -5.49 N | 79.47 4.96 -22.50 N | 69.03 6.22 0.00 N | 68.09 5.77 0.00 N | 61.44 5.15 -2.51 N | 56.93 2.76 -26.67 N | 54.11 4.89 0.00 N | |
| MONTAUK___DIESEL 23721 | 79.87 8.94 -12.34 N | 70.41 9.01 0.00 N | 59.23 4.99 -18.98 N | 45.77 5.63 0.00 N | 36.17 4.61 0.00 N | 77.70 10.10 0.00 N | 64.64 8.82 -2.18 N | 46.79 6.83 -0.10 N | 60.26 9.56 -0.14 N | 145.06 14.20 -59.47 N | 175.57 18.88 -60.19 N | 123.97 13.09 -42.40 N | 122.59 11.32 -51.59 N | 125.87 9.44 -65.62 N | 116.01 8.04 -64.21 N | 114.71 5.59 -78.96 N | 124.28 5.14 -92.66 N | 114.87 10.83 -51.87 N | 106.61 11.09 -43.50 N | 153.93 13.79 -77.33 N | 126.92 13.50 -51.10 N | 118.28 11.03 -53.46 N | 65.54 5.19 -32.86 N | 57.42 8.20 0.00 N | |
| MUNSVILLE_WIND_PWR 323609 | 66.78 4.67 -3.53 N | 66.44 5.03 0.00 N | 43.67 2.99 -5.42 N | 43.77 3.63 0.00 N | 34.59 3.03 0.00 N | 73.61 6.01 0.00 N | 59.65 5.38 -0.62 N | 44.26 4.37 -0.03 N | 56.55 5.95 -0.04 N | 80.01 7.96 -0.67 N | 108.06 10.79 -0.77 N | 79.17 7.40 -3.30 N | 66.02 6.29 -0.04 N | 57.12 5.09 -1.21 N | 48.26 4.50 0.00 N | 33.33 3.17 0.00 N | 31.86 2.83 -2.56 N | 60.07 6.18 -1.71 N | 65.23 6.22 -6.99 N | 70.75 7.93 0.00 N | 69.51 7.19 0.00 N | 60.33 5.77 -0.78 N | 38.47 2.69 -8.28 N | 53.91 4.69 0.00 N | |
| N SALMON___HYD 24042 | 58.28 -0.31 0.00 N | 61.37 -0.04 0.00 N | 35.13 -0.13 0.00 N | 40.10 -0.04 0.00 N | 31.36 -0.19 0.00 N | 67.04 -0.56 0.00 N | 53.10 -0.54 0.00 N | 39.66 -0.21 0.00 N | 50.34 -0.22 0.00 N | 71.02 -0.37 0.00 N | 95.72 -0.78 0.00 N | 67.96 -0.52 0.00 N | 58.92 -0.77 0.00 N | 50.33 -0.48 0.00 N | 43.31 -0.45 0.00 N | 29.76 -0.40 0.00 N | 25.99 -0.49 0.00 N | 51.40 -0.78 0.00 N | 51.23 -0.79 0.00 N | 61.53 -1.28 0.00 N | 61.09 -1.23 0.00 N | 52.66 -1.12 0.00 N | 26.65 -0.84 0.00 N | 48.14 -1.09 0.00 N | |
| N.E_GEN_SANDY PD 24062 | 77.22 3.99 -14.64 N | 65.57 4.16 0.00 N | 60.25 2.46 -22.52 N | 42.67 2.53 0.00 N | 33.66 2.10 0.00 N | 72.61 5.01 0.00 N | 60.41 4.18 -2.58 N | 43.04 3.05 -0.12 N | 54.67 3.94 -0.17 N | 79.73 5.57 -2.77 N | 107.38 7.69 -3.19 N | 87.65 5.48 -13.69 N | 64.63 4.77 -0.18 N | 59.99 4.15 -5.04 N | 47.36 3.60 0.00 N | 32.64 2.47 0.00 N | 39.27 2.16 -10.63 N | 63.56 4.28 -7.09 N | 85.36 4.29 -29.05 N | 68.08 5.26 0.00 N | 67.54 5.23 0.00 N | 61.62 4.59 -3.24 N | 64.24 2.30 -34.44 N | 53.08 3.86 0.00 N | |
| NARROWS_GT1_1 24228 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N | |
| NARROWS_GT1_2 24229 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N | |
| NARROWS_GT1_3 24230 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N | |
| NARROWS_GT1_4 24231 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N | |
| NARROWS_GT1_5 24232 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N | |
| NARROWS_GT1_6 | 76.66 | 67.23 | 57.46 | 43.80 | 34.47 | 74.25 | 61.58 | 44.33 | 56.70 | 82.41 | 111.03 | 88.27 | 67.12 | 61.19 | 49.01 | 33.85 | 38.72 | 64.79 | 83.13 | 71.10 | 70.53 | 63.63 | 59.93 | 54.62 | |

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| 24233 | 5.73 -12.34 N | 5.82 0.00 N | 3.21 -18.98 N | 3.66 0.00 N | 2.91 0.00 N | 6.65 0.00 N | 5.77 -2.17 N | 4.37 -0.10 N | 5.99 -0.14 N | 8.69 -2.34 N | 11.84 -2.69 N | 8.25 -11.54 N | 7.29 -0.15 N | 6.13 -4.24 N | 5.25 0.00 N | 3.68 0.00 N | 3.28 -8.96 N | 6.63 -5.98 N | 6.63 -24.48 N | 8.28 0.00 N | 8.22 0.00 N | 7.12 -2.73 N | 3.41 -29.02 N | 5.39 0.00 N |
| NARROWS_GT1_7 24234 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT1_8 24235 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_1 24236 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_2 24237 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_3 24238 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_4 24239 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_5 24240 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_6 24241 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_7 24242 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NARROWS_GT2_8 24243 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 79.38 4.90 -15.89 N | 66.58 5.17 0.00 N | 62.75 3.04 -24.45 N | 43.31 3.17 0.00 N | 34.17 2.61 0.00 N | 73.79 6.19 0.00 N | 61.44 5.00 -2.80 N | 43.60 3.61 -0.12 N | 55.30 4.56 -0.18 N | 80.71 6.32 -3.01 N | 108.85 8.90 -3.46 N | 89.62 6.28 -14.86 N | 65.39 5.51 -0.20 N | 60.93 4.65 -5.47 N | 47.83 4.06 0.00 N | 32.86 2.69 -0.01 N | 40.31 2.29 -11.54 N | 64.64 4.76 -7.70 N | 88.31 4.76 -31.53 N | 68.64 5.82 0.00 N | 68.08 5.76 0.00 N | 62.27 4.97 -3.52 N | 67.30 2.43 -37.38 N | 53.44 4.21 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 56.27 -3.64 -1.32 N | 57.62 -3.79 0.00 N | 35.16 -2.14 -2.04 N | 37.80 -2.34 0.00 N | 29.78 -1.78 0.00 N | 63.59 -4.02 0.00 N | 50.65 -3.23 -0.23 N | 37.18 -2.69 -0.01 N | 47.03 -3.55 -0.02 N | 66.55 -5.09 -0.25 N | 89.99 -6.79 -0.29 N | 64.97 -4.75 -1.24 N | 55.77 -3.93 -0.02 N | 47.79 -3.47 -0.45 N | 40.81 -2.95 0.00 N | 28.18 -1.98 0.00 N | 25.61 -1.84 -0.97 N | 49.51 -3.32 -0.64 N | 51.25 -3.40 -2.64 N | 58.80 -4.02 0.00 N | 58.18 -4.14 0.00 N | 50.35 -3.72 -0.29 N | 29.15 -1.47 -3.13 N | 46.58 -2.64 0.00 N |
| NEG CENTRAL___DRP 24199 | 59.08 -0.95 -1.45 N | 60.43 -0.97 0.00 N | 37.00 -0.49 -2.23 N | 39.74 -0.40 0.00 N | 31.35 -0.21 0.00 N | 66.82 -0.78 0.00 N | 53.45 -0.45 -0.25 N | 39.57 -0.31 -0.01 N | 50.31 -0.27 -0.02 N | 70.86 -0.80 -0.27 N | 95.75 -1.06 -0.31 N | 68.97 -0.86 -1.35 N | 59.07 -0.63 -0.02 N | 50.58 -0.73 -0.50 N | 43.18 -0.58 0.00 N | 29.79 -0.37 0.00 N | 27.18 -0.35 -1.05 N | 52.57 -0.32 -0.70 N | 54.50 -0.39 -2.87 N | 62.65 -0.16 0.00 N | 61.80 -0.52 0.00 N | 53.52 -0.59 -0.32 N | 30.78 -0.12 -3.41 N | 49.01 -0.21 0.00 N |

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| NEG CENTRAL___INDECK 23768 | 60.15 -0.36 -1.92 N | 61.08 -0.33 0.00 N | 38.01 -0.21 -2.96 N | 40.12 -0.02 0.00 N | 31.62 0.06 0.00 N | 67.56 -0.04 0.00 N | 54.13 0.15 -0.34 N | 39.76 -0.12 -0.02 N | 50.57 -0.02 -0.02 N | 71.43 -0.33 -0.36 N | 96.50 -0.42 -0.42 N | 69.85 -0.43 -1.80 N | 59.58 -0.13 -0.02 N | 51.13 -0.35 -0.66 N | 43.42 -0.34 0.00 N | 29.40 -0.77 0.00 N | 26.73 -1.15 -1.40 N | 51.54 -1.58 -0.94 N | 54.20 -1.65 -3.83 N | 61.10 -1.72 0.00 N | 60.45 -1.87 0.00 N | 52.32 -1.88 -0.43 N | 31.52 -0.52 -4.54 N | 47.99 -1.24 0.00 N |
| NEG CENTRAL___SENECA 23627 | 59.20 -1.00 -1.61 N | 60.44 -0.97 0.00 N | 37.24 -0.50 -2.47 N | 39.77 -0.37 0.00 N | 31.40 -0.16 0.00 N | 66.88 -0.72 0.00 N | 53.60 -0.33 -0.28 N | 39.67 -0.21 -0.01 N | 50.47 -0.11 -0.02 N | 71.07 -0.62 -0.30 N | 96.01 -0.84 -0.35 N | 69.27 -0.71 -1.50 N | 59.25 -0.45 -0.02 N | 50.79 -0.58 -0.55 N | 43.30 -0.46 0.00 N | 29.85 -0.32 0.00 N | 27.31 -0.33 -0.17 N | 52.81 -0.15 -0.78 N | 54.98 -0.23 -3.19 N | 62.91 0.10 0.00 N | 62.03 -0.29 0.00 N | 53.72 -0.42 -0.36 N | 31.33 0.05 -3.78 N | 49.18 -0.04 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 59.68 -0.34 -1.43 N | 61.08 -0.33 0.00 N | 37.44 -0.02 -2.19 N | 40.28 0.14 0.00 N | 31.82 0.27 0.00 N | 67.75 0.15 0.00 N | 54.23 0.33 -0.25 N | 40.21 0.34 -0.01 N | 51.21 0.63 -0.02 N | 71.93 0.27 -0.27 N | 97.32 0.51 -0.31 N | 70.13 0.32 -1.33 N | 59.96 0.25 -0.02 N | 51.19 -0.11 -0.49 N | 43.73 -0.03 0.00 N | 30.34 0.17 0.00 N | 27.67 0.16 -1.04 N | 53.58 0.71 -0.69 N | 55.50 0.65 -2.83 N | 63.96 1.14 0.00 N | 62.91 0.59 0.00 N | 54.39 0.29 -0.32 N | 31.01 0.16 -3.36 N | 49.65 0.43 0.00 N |
| NEG MILLWOOD___DRP 24198 | 76.05 -4.87 -12.59 N | 66.37 4.96 0.00 N | 57.46 2.83 -19.38 N | 43.34 3.20 0.00 N | 34.20 2.64 0.00 N | 73.52 5.91 0.00 N | 60.92 5.05 -2.22 N | 43.82 3.86 -0.10 N | 55.96 5.25 -0.14 N | 81.31 7.54 -2.38 N | 109.53 10.28 -2.74 N | 87.43 7.17 -11.78 N | 66.14 6.30 -0.16 N | 60.43 5.29 -4.33 N | 48.31 4.56 0.00 N | 33.41 3.24 0.00 N | 38.56 2.93 -9.15 N | 64.28 6.00 -6.10 N | 83.07 6.05 -24.99 N | 70.40 7.58 0.00 N | 69.71 7.39 0.00 N | 62.90 6.33 -2.79 N | 60.12 3.00 -29.62 N | 54.08 4.86 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 57.06 -1.54 0.00 N | 59.89 -1.52 0.00 N | 34.43 -0.83 0.00 N | 39.15 -0.99 0.00 N | 30.86 -0.69 0.00 N | 66.12 -1.48 0.00 N | 52.35 -1.29 0.00 N | 39.08 -0.79 0.00 N | 49.60 -0.96 0.00 N | 70.01 -1.38 0.00 N | 94.48 -2.02 0.00 N | 67.19 -1.29 0.00 N | 58.07 -1.62 0.00 N | 49.63 -1.18 0.00 N | 42.76 -1.00 0.00 N | 29.36 -0.80 0.00 N | 25.66 -0.81 0.00 N | 50.69 -1.49 0.00 N | 50.52 -1.50 0.00 N | 60.78 -2.04 0.00 N | 60.24 -2.08 0.00 N | 52.03 -1.75 0.00 N | 26.37 -1.13 0.00 N | 47.43 -1.79 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 56.77 -1.83 0.00 N | 59.60 -1.81 0.00 N | 34.17 -1.09 0.00 N | 38.93 -1.21 0.00 N | 30.58 -0.98 0.00 N | 65.49 -2.12 0.00 N | 51.81 -1.83 0.00 N | 38.63 -1.24 0.00 N | 48.99 -1.57 0.00 N | 69.14 -2.25 0.00 N | 93.32 -3.18 0.00 N | 66.35 -2.13 0.00 N | 57.53 -2.16 0.00 N | 49.11 -1.71 0.00 N | 42.27 -1.50 0.00 N | 29.05 -1.11 0.00 N | 25.42 -1.06 0.00 N | 50.13 -2.05 0.00 N | 49.95 -2.07 0.00 N | 60.09 -2.72 0.00 N | 59.65 -2.67 0.00 N | 51.49 -2.29 0.00 N | 26.12 -1.37 0.00 N | 47.04 -2.19 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 57.71 -0.88 0.00 N | 60.57 -0.83 0.00 N | 34.80 -0.46 0.00 N | 39.58 -0.56 0.00 N | 31.19 -0.37 0.00 N | 66.79 -0.82 0.00 N | 52.91 -0.74 0.00 N | 39.49 -0.38 0.00 N | 50.14 -0.42 0.00 N | 70.85 -0.54 0.00 N | 95.63 -0.87 0.00 N | 68.01 -0.47 0.00 N | 58.81 -0.87 0.00 N | 50.25 -0.56 0.00 N | 43.28 -0.48 0.00 N | 29.72 -0.45 0.00 N | 25.99 -0.49 0.00 N | 51.37 -0.81 0.00 N | 51.21 -0.81 0.00 N | 61.59 -1.22 0.00 N | 61.04 -1.27 0.00 N | 52.70 -1.08 0.00 N | 26.68 -0.82 0.00 N | 47.97 -1.25 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 57.71 -0.88 0.00 N | 60.57 -0.83 0.00 N | 34.80 -0.46 0.00 N | 39.58 -0.56 0.00 N | 31.19 -0.37 0.00 N | 66.79 -0.82 0.00 N | 52.91 -0.74 0.00 N | 39.49 -0.38 0.00 N | 50.14 -0.42 0.00 N | 70.85 -0.54 0.00 N | 95.63 -0.87 0.00 N | 68.01 -0.47 0.00 N | 58.81 -0.87 0.00 N | 50.25 -0.56 0.00 N | 43.28 -0.48 0.00 N | 29.72 -0.45 0.00 N | 25.99 -0.49 0.00 N | 51.37 -0.81 0.00 N | 51.21 -0.81 0.00 N | 61.59 -1.22 0.00 N | 61.04 -1.27 0.00 N | 52.70 -1.08 0.00 N | 26.68 -0.82 0.00 N | 47.97 -1.25 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 57.71 -0.88 0.00 N | 60.57 -0.83 0.00 N | 34.80 -0.46 0.00 N | 39.58 -0.56 0.00 N | 31.19 -0.37 0.00 N | 66.79 -0.82 0.00 N | 52.91 -0.74 0.00 N | 39.49 -0.38 0.00 N | 50.14 -0.42 0.00 N | 70.85 -0.54 0.00 N | 95.63 -0.87 0.00 N | 68.01 -0.47 0.00 N | 58.81 -0.87 0.00 N | 50.25 -0.56 0.00 N | 43.28 -0.48 0.00 N | 29.72 -0.45 0.00 N | 25.99 -0.49 0.00 N | 51.37 -0.81 0.00 N | 51.21 -0.81 0.00 N | 61.59 -1.22 0.00 N | 61.04 -1.27 0.00 N | 52.70 -1.08 0.00 N | 26.68 -0.82 0.00 N | 47.97 -1.25 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 54.89 -5.42 -1.71 N | 56.00 -5.41 0.00 N | 34.83 -3.07 -2.64 N | 36.86 -3.28 0.00 N | 29.05 -2.51 0.00 N | 61.91 -5.69 0.00 N | 49.22 -4.73 -0.30 N | 35.52 -4.36 -0.01 N | 44.66 -5.92 -0.02 N | 63.02 -8.69 -0.33 N | 84.89 -11.99 -0.37 N | 61.77 -8.31 -1.60 N | 53.02 -6.69 -0.02 N | 45.65 -5.75 -0.59 N | 38.90 -4.86 0.00 N | 26.81 -3.36 0.00 N | 24.56 -3.17 -1.26 N | 47.12 -5.91 -0.84 N | 49.41 -6.05 -3.44 N | 55.85 -6.96 0.00 N | 55.38 -6.94 0.00 N | 48.15 -6.01 -0.38 N | 29.64 -1.93 -4.08 N | 45.62 -3.60 0.00 N |
| NEG WEST___LANCASTER 23811 | 56.65 -4.06 -2.12 N | 57.30 -4.10 0.00 N | 36.21 -2.32 -3.26 N | 37.88 -2.26 0.00 N | 29.77 -1.78 0.00 N | 63.54 -4.06 0.00 N | 51.04 -2.98 -0.37 N | 37.30 -2.59 -0.02 N | 47.36 -3.22 -0.02 N | 67.20 -4.60 -0.40 N | 90.43 -6.53 -0.46 N | 65.61 -4.85 -1.98 N | 55.79 -3.92 -0.03 N | 48.08 -3.46 -0.73 N | 40.93 -2.83 0.00 N | 28.10 -2.07 0.00 N | 26.07 -1.95 -1.55 N | 50.11 -3.11 -1.03 N | 53.06 -3.19 -4.23 N | 59.39 -3.42 0.00 N | 58.96 -3.36 0.00 N | 51.32 -2.93 -0.47 N | 31.77 -0.75 -5.02 N | 47.25 -1.97 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 63.34 0.72 -4.03 N | 62.16 0.75 0.00 N | 41.92 0.45 -6.20 N | 40.80 0.66 0.00 N | 32.11 0.55 0.00 N | 68.72 1.12 0.00 N | 55.53 1.18 -0.71 N | 40.88 0.99 -0.03 N | 52.07 1.46 -0.05 N | 74.15 2.00 -0.76 N | 100.07 2.69 -0.88 N | 73.93 1.68 -3.77 N | 61.31 1.57 -0.05 N | 53.37 1.17 -1.39 N | 44.83 1.08 0.00 N | 30.89 0.73 0.00 N | 30.04 0.64 -2.92 N | 55.79 1.66 -1.95 N | 61.68 1.68 -7.98 N | 65.06 2.24 0.00 N | 64.45 2.13 0.00 N | 56.46 1.79 -0.89 N | 37.98 1.02 -9.46 N | 50.65 1.43 0.00 N |
| NEG___GEN_MONROE 24207 | 57.40 -2.62 -1.43 N | 58.77 -2.64 0.00 N | 35.97 -1.50 -2.20 N | 38.56 -1.58 0.00 N | 30.40 -1.16 0.00 N | 64.96 -2.64 0.00 N | 51.74 -2.15 -0.25 N | 37.83 -2.05 -0.01 N | 47.80 -2.77 -0.02 N | 67.52 -4.14 -0.27 N | 91.25 -5.57 -0.31 N | 65.94 -3.88 -1.34 N | 56.62 -3.08 -0.02 N | 48.57 -2.74 -0.49 N | 41.46 -2.30 0.00 N | 28.60 -1.56 0.00 N | 26.02 -1.51 -1.05 N | 50.42 -2.46 -0.70 N | 52.34 -2.54 -2.86 N | 59.98 -2.83 0.00 N | 59.27 -3.05 0.00 N | 51.28 -2.82 -0.32 N | 30.07 -0.82 -3.39 N | 47.70 -1.52 0.00 N |
| NEPA___ENERGY 23901 | 57.56 -3.45 -2.42 N | 57.90 -3.51 0.00 N | 37.04 -1.95 -3.73 N | 38.44 -1.70 0.00 N | 30.16 -1.39 0.00 N | 64.38 -3.22 0.00 N | 52.11 -1.96 -0.43 N | 38.44 -1.44 -0.02 N | 49.18 -1.41 -0.03 N | 70.00 -1.84 -0.46 N | 94.38 -2.65 -0.53 N | 68.19 -2.55 -2.27 N | 57.66 -2.06 -0.03 N | 49.71 -1.93 -0.83 N | 42.34 -1.42 0.00 N | 29.06 -1.11 0.00 N | 27.18 -1.05 -1.74 N | 52.21 -1.14 -1.16 N | 55.55 -1.07 -4.76 N | 61.74 -1.37 0.00 N | 61.36 -0.96 0.00 N | 53.55 -0.76 -0.53 N | 33.28 0.14 -5.65 N | 48.40 -0.82 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 |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---|
| NEVERSINK___HYD 23608 | 73.75 4.72 -10.44 N | 66.28 4.88 0.00 N | 54.12 2.79 -16.07 N | 43.39 3.25 0.00 N | 34.18 2.62 0.00 N | 73.55 5.95 0.00 N | 60.61 5.13 -1.84 N | 43.82 3.87 -0.08 N | 55.93 5.25 -0.12 N | 80.54 7.18 -1.98 N | 108.35 9.58 -2.27 N | 84.75 6.51 -9.77 N | 65.52 5.71 -0.13 N | 59.18 4.77 -3.59 N | 47.88 4.12 0.00 N | 33.07 2.90 0.00 N | 36.72 2.65 -7.58 N | 62.85 5.61 -5.06 N | 78.30 5.56 -20.72 N | 69.79 6.98 0.00 N | 68.83 6.52 0.00 N | 61.58 5.49 -2.31 N | 54.69 2.63 -24.56 N | 53.82 4.59 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 58.76 0.17 0.00 N | 61.85 0.44 0.00 N | 35.36 0.10 0.00 N | 40.41 0.27 0.00 N | 31.39 -0.17 0.00 N | 66.72 -0.88 0.00 N | 53.08 -0.57 0.00 N | 39.66 -0.21 0.00 N | 50.37 -0.19 0.00 N | 71.04 -0.35 0.00 N | 95.72 -0.78 0.00 N | 67.92 -0.56 0.00 N | 59.05 -0.64 0.00 N | 50.45 -0.36 0.00 N | 43.45 -0.32 0.00 N | 29.91 -0.25 0.00 N | 26.07 -0.41 0.00 N | 51.62 -0.56 0.00 N | 51.40 -0.62 0.00 N | 61.68 -1.14 0.00 N | 61.39 -0.93 0.00 N | 52.75 -1.03 0.00 N | 26.82 -0.68 0.00 N | 48.32 -0.90 0.00 N | |
| NIAGARA____ 23760 | 53.86 -6.41 -1.68 N | 54.99 -6.41 0.00 N | 34.21 -3.64 -2.59 N | 36.20 -3.94 0.00 N | 28.53 -3.03 0.00 N | 60.78 -6.82 0.00 N | 48.22 -5.72 -0.30 N | 34.71 -5.16 -0.01 N | 43.56 -7.02 -0.02 N | 61.46 -10.25 -0.37 N | 82.78 -14.08 -0.37 N | 60.33 -9.72 -1.57 N | 51.79 -7.92 -0.02 N | 44.62 -6.77 -0.58 N | 38.02 -5.74 0.00 N | 26.22 -3.94 0.00 N | 24.00 -3.72 -1.23 N | 45.88 -7.13 -0.82 N | 48.11 -7.28 -3.37 N | 54.32 -8.49 0.00 N | 53.91 -8.41 0.00 N | 46.92 -7.24 -0.38 N | 28.98 -2.51 -4.00 N | 44.69 -4.53 0.00 N | |
| NINE_MILE_1 23575 | 58.00 -1.34 -0.75 N | 59.94 -1.47 0.00 N | 35.61 -0.80 -1.15 N | 39.24 -0.90 0.00 N | 30.86 -0.70 0.00 N | 65.87 -1.73 0.00 N | 52.37 -1.40 -0.13 N | 38.84 -1.03 -0.01 N | 49.20 -1.37 -0.01 N | 69.42 -2.11 -0.14 N | 93.78 -2.89 -0.16 N | 67.10 -2.07 -0.70 N | 57.93 -1.77 -0.01 N | 49.51 -1.55 -0.26 N | 42.44 -1.32 0.00 N | 29.29 -0.88 0.00 N | 26.23 -0.79 -0.54 N | 51.01 -1.53 -0.36 N | 51.95 -1.56 -1.48 N | 60.97 -1.85 0.00 N | 60.39 -1.93 0.00 N | 52.28 -1.67 -0.17 N | 28.53 -0.73 -1.76 N | 48.12 -1.10 0.00 N | |
| NINE_MILE_2 23744 | 58.00 -1.33 -0.74 N | 59.94 -1.47 0.00 N | 35.61 -0.80 -1.14 N | 39.25 -0.89 0.00 N | 30.87 -0.69 0.00 N | 65.88 -1.72 0.00 N | 52.39 -1.39 -0.13 N | 38.84 -1.03 -0.01 N | 49.20 -1.37 -0.01 N | 69.44 -2.09 -0.14 N | 93.79 -2.87 -0.16 N | 67.10 -2.06 -0.69 N | 57.93 -1.76 -0.01 N | 49.51 -1.55 -0.25 N | 42.45 -1.31 0.00 N | 29.29 -0.87 0.00 N | 26.23 -0.78 -0.54 N | 51.01 -1.53 -0.36 N | 51.94 -1.56 -1.47 N | 60.98 -1.84 0.00 N | 60.39 -1.93 0.00 N | 52.28 -1.66 -0.16 N | 28.52 -0.72 -1.75 N | 48.12 -1.10 0.00 N | |
| NM_CAPITAL___DRP 24208 | 77.95 3.52 -15.85 N | 65.07 3.66 0.00 N | 61.80 2.16 -24.38 N | 42.41 2.27 0.00 N | 33.44 1.88 0.00 N | 72.03 4.43 0.00 N | 60.16 3.72 -2.79 N | 42.72 2.73 -0.12 N | 54.01 3.27 -0.18 N | 78.88 4.49 -3.00 N | 106.11 6.16 -14.83 N | 87.70 4.39 -0.20 N | 63.74 3.86 -5.45 N | 59.66 3.39 0.00 N | 46.69 2.93 0.00 N | 32.04 1.87 -0.01 N | 39.62 1.64 -11.51 N | 63.07 3.21 -7.68 N | 86.66 3.19 -31.45 N | 66.70 3.89 0.00 N | 66.20 3.88 0.00 N | 60.70 3.41 -3.51 N | 66.47 1.69 -37.28 N | 52.23 3.01 0.00 N | |
| NM_CENTRAL___DRP 24181 | 59.34 -0.18 -0.93 N | 61.14 -0.27 0.00 N | 36.57 -0.13 -1.43 N | 40.03 -0.11 0.00 N | 31.51 -0.05 0.00 N | 67.30 -0.30 0.00 N | 53.61 -0.19 -0.16 N | 39.75 -0.12 -0.01 N | 50.43 -0.14 -0.01 N | 71.21 -0.35 -0.20 N | 96.23 -0.48 -0.87 N | 68.95 -0.40 -0.01 N | 59.40 -0.30 -0.32 N | 50.80 -0.33 0.00 N | 43.52 -0.24 0.00 N | 30.02 -0.14 0.00 N | 27.04 -0.12 -0.68 N | 52.55 -0.09 -0.45 N | 53.75 -0.11 -1.85 N | 62.75 -0.07 0.00 N | 62.10 -0.22 0.00 N | 53.71 -0.27 -0.21 N | 29.65 -0.04 -2.19 N | 49.25 0.03 0.00 N | |
| NM_FRONTIER___DRP 24179 | 54.09 -6.22 -1.72 N | 55.22 -6.19 0.00 N | 34.39 -3.51 -2.65 N | 36.34 -3.80 0.00 N | 28.65 -2.91 0.00 N | 61.02 -6.58 0.00 N | 48.40 -5.55 -0.30 N | 34.81 -5.07 -0.01 N | 43.66 -6.92 -0.02 N | 61.55 -10.17 -0.33 N | 82.89 -13.98 -0.37 N | 60.51 -9.58 -1.61 N | 51.97 -7.74 -0.02 N | 44.79 -6.61 -0.59 N | 38.12 -5.64 0.00 N | 26.28 -3.89 0.00 N | 24.07 -3.68 -1.26 N | 46.00 -7.03 -0.84 N | 48.26 -7.20 -3.45 N | 54.43 -8.38 0.00 N | 54.01 -8.31 0.00 N | 47.01 -7.16 -0.39 N | 29.15 -2.44 -4.09 N | 44.87 -4.36 0.00 N | |
| NM_ST_REGIS___HYD 24053 | 57.34 -1.26 0.00 N | 60.63 -0.78 0.00 N | 34.60 -0.66 0.00 N | 39.62 -0.52 0.00 N | 30.66 -0.90 0.00 N | 65.01 -2.59 0.00 N | 51.61 -2.03 0.00 N | 38.60 -1.27 0.00 N | 48.96 -1.60 0.00 N | 69.03 -2.36 0.00 N | 92.75 -3.75 0.00 N | 65.93 -2.55 0.00 N | 57.19 -2.50 0.00 N | 49.00 -1.81 0.00 N | 42.16 -1.60 0.00 N | 29.00 -1.16 0.00 N | 25.17 -1.31 0.00 N | 49.87 -2.31 0.00 N | 49.71 -2.31 0.00 N | 59.46 -3.36 0.00 N | 59.36 -2.96 0.00 N | 51.09 -2.70 0.00 N | 25.96 -1.54 0.00 N | 47.03 -2.20 0.00 N | |
| NORTHPORT___1 23551 | 76.23 5.30 -12.34 N | 66.66 5.26 0.00 N | 57.15 2.90 -18.98 N | 43.37 3.23 0.00 N | 34.17 2.61 0.00 N | 73.31 5.71 0.00 N | 60.92 5.10 -2.18 N | 43.93 3.97 -0.10 N | 56.31 5.61 -0.14 N | 139.23 8.37 -59.47 N | 167.70 11.08 -60.12 N | 118.43 7.81 -42.14 N | 117.70 6.87 -51.15 N | 122.01 5.82 -65.37 N | 112.86 4.99 -64.10 N | 112.57 3.51 -78.89 N | 121.77 3.12 -92.17 N | 109.81 6.23 -51.39 N | 101.21 6.32 -42.86 N | 147.93 7.94 -77.18 N | 121.17 7.84 -51.01 N | 113.61 6.61 -53.21 N | 63.68 3.37 -32.82 N | 54.42 5.21 0.00 N | |
| NORTHPORT___2 23552 | 76.23 5.30 -12.34 N | 66.66 5.26 0.00 N | 57.15 2.90 -18.98 N | 43.37 3.23 0.00 N | 34.17 2.61 0.00 N | 73.31 5.71 0.00 N | 60.92 5.10 -2.18 N | 43.93 3.97 -0.10 N | 56.31 5.61 -0.14 N | 139.23 8.37 -59.47 N | 167.70 11.08 -60.12 N | 118.43 7.81 -42.14 N | 117.70 6.87 -51.15 N | 122.01 5.82 -65.37 N | 112.86 4.99 -64.10 N | 112.57 3.51 -78.89 N | 121.77 3.12 -92.17 N | 109.81 6.23 -51.39 N | 101.21 6.32 -42.86 N | 147.93 7.94 -77.18 N | 121.17 7.84 -51.01 N | 113.61 6.61 -53.21 N | 63.68 3.37 -32.82 N | 54.42 5.21 0.00 N | |
| NORTHPORT___3 23553 | 76.24 5.31 -12.34 N | 66.70 5.29 0.00 N | 57.14 2.90 -18.98 N | 43.36 3.21 0.00 N | 34.16 2.61 0.00 N | 73.33 5.73 0.00 N | 60.89 5.07 -2.18 N | 43.92 3.95 -0.10 N | 56.30 5.59 -0.14 N | 139.21 8.35 -59.47 N | 167.87 11.26 -60.11 N | 118.44 7.86 -42.11 N | 117.71 6.93 -51.09 N | 122.01 5.85 -65.34 N | 112.87 5.02 -64.09 N | 112.58 3.54 -78.88 N | 121.74 3.16 -92.10 N | 109.83 6.32 -51.33 N | 101.15 6.34 -42.79 N | 148.09 8.11 -77.16 N | 121.23 7.91 -51.00 N | 113.69 6.73 -53.18 N | 63.71 3.40 -32.81 N | 54.45 5.23 0.00 N | |
| NORTHPORT___4 23650 | 76.24 5.31 -12.34 N | 66.70 5.29 0.00 N | 57.14 2.90 -18.98 N | 43.36 3.21 0.00 N | 34.16 2.61 0.00 N | 73.33 5.73 0.00 N | 60.89 5.07 -2.18 N | 43.92 3.95 -0.10 N | 56.30 5.59 -0.14 N | 139.21 8.35 -59.47 N | 167.87 11.26 -60.11 N | 118.44 7.86 -42.11 N | 117.71 6.93 -51.09 N | 122.01 5.85 -65.34 N | 112.87 5.02 -64.09 N | 112.58 3.54 -78.88 N | 121.74 3.16 -92.10 N | 109.83 6.32 -51.33 N | 101.15 6.34 -42.79 N | 148.09 8.11 -77.16 N | 121.23 7.91 -51.00 N | 113.69 6.73 -53.18 N | 63.71 3.40 -32.81 N | 54.45 5.23 0.00 N | |
| NORTHPORT___IC | 76.23 | 66.66 | 57.15 | 43.37 | 34.17 | 73.31 | 60.92 | 43.93 | 56.31 | 139.23 | 167.70 | 118.43 | 117.70 | 122.01 | 112.86 | 112.57 | 121.77 | 109.81 | 101.21 | 147.93 | 121.17 | 113.61 | 63.68 | 54.42 | |

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|--------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 23718 | 5.30 -12.34 N | 5.26 0.00 N | 2.90 -18.98 N | 3.23 0.00 N | 2.61 0.00 N | 5.71 0.00 N | 5.10 -2.18 N | 3.97 -0.10 N | 5.61 -0.14 N | 8.37 -59.47 N | 11.08 -60.12 N | 7.81 -42.14 N | 6.87 -51.15 N | 5.82 -65.37 N | 4.99 -64.10 N | 3.51 -78.89 N | 3.12 -92.17 N | 6.23 -51.39 N | 6.32 -42.86 N | 7.94 -77.18 N | 7.84 -51.01 N | 6.61 -53.21 N | 3.37 -32.82 N | 5.21 0.00 N |
| NPX_GEN_1385_PROXY 323591 | 75.40 4.47 -12.34 N | 65.80 4.40 0.00 N | 56.90 2.65 -18.98 N | 43.08 2.94 0.00 N | 33.93 2.37 0.00 N | 72.32 4.72 0.00 N | 60.12 4.31 -2.18 N | 43.34 3.38 -0.10 N | 55.57 4.87 -0.14 N | 138.34 7.48 -59.47 N | 166.50 9.88 -60.12 N | 117.59 6.96 -42.14 N | -50.00 6.06 115.09 N | 121.37 5.19 -65.37 N | 112.32 4.46 -64.10 N | 0.00 3.64 39.19 N | 121.44 2.80 -92.17 N | 109.15 5.58 -51.39 N | 100.55 5.67 -42.86 N | 147.07 7.07 -77.18 N | 120.38 7.05 -51.01 N | 112.92 5.93 -53.21 N | 63.33 3.02 -32.82 N | 53.71 4.49 0.00 N |
| NPX_GEN_CSC 323557 | 75.81 4.88 -12.34 N | 66.22 4.81 0.00 N | 56.86 2.61 -18.98 N | 43.02 2.88 0.00 N | 33.94 2.38 0.00 N | 72.86 5.26 0.00 N | 60.59 4.78 -2.18 N | 43.72 3.76 -0.10 N | 56.04 5.34 -0.14 N | 138.85 7.99 -59.47 N | 167.25 10.56 -60.19 N | 118.28 7.41 -42.39 N | 117.77 6.51 -51.57 N | 121.91 5.49 -65.61 N | 112.63 4.67 -64.20 N | 112.41 3.30 -78.96 N | 122.13 3.01 -92.64 N | 110.18 6.14 -51.85 N | 101.77 6.28 -43.47 N | 148.00 7.86 -77.32 N | 121.22 7.80 -51.10 N | 113.65 6.42 -53.45 N | 63.46 3.11 -32.86 N | 53.96 4.74 0.00 N |
| NSINS_S_GLNS_FALLS 23858 | 80.58 5.80 -16.19 N | 67.60 6.19 0.00 N | 63.79 3.61 -24.92 N | 43.91 3.77 0.00 N | 34.65 3.09 0.00 N | 74.98 7.38 0.00 N | 62.06 5.56 -2.85 N | 43.70 3.71 -0.13 N | 55.60 4.85 -0.18 N | 81.20 6.75 -3.07 N | 109.78 9.75 -3.53 N | 90.17 6.54 -15.15 N | 65.64 5.75 -0.20 N | 60.75 4.36 -5.57 N | 47.62 3.86 0.00 N | 32.74 2.57 -0.01 N | 40.21 1.97 -11.76 N | 64.22 4.19 -7.85 N | 88.39 4.23 -32.14 N | 68.17 5.36 0.00 N | 67.98 5.66 0.00 N | 62.32 4.96 -3.59 N | 68.10 2.51 -38.10 N | 53.48 4.25 0.00 N |
| NUCOR_STEEL___DRP 24197 | 58.99 -1.01 -1.42 N | 60.37 -1.04 0.00 N | 37.05 -0.39 -2.18 N | 39.84 -0.30 0.00 N | 31.49 -0.07 0.00 N | 66.99 -0.62 0.00 N | 53.62 -0.28 -0.25 N | 39.76 -0.11 -0.01 N | 50.57 -0.01 -0.02 N | 71.06 -0.60 -0.27 N | 96.13 -0.68 -0.31 N | 69.32 -0.48 -1.33 N | 59.23 -0.47 -0.02 N | 50.55 -0.75 -0.49 N | 43.20 -0.56 0.00 N | 30.02 -0.14 0.00 N | 27.37 -0.14 -1.03 N | 52.92 0.05 -0.69 N | 54.84 0.01 -2.81 N | 63.15 0.34 0.00 N | 62.14 -0.18 0.00 N | 53.74 -0.35 -0.31 N | 30.66 -0.17 -3.33 N | 49.09 -0.13 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 58.59 0.00 0.00 N | 61.41 0.00 0.00 N | 35.26 0.00 0.00 N | 40.14 0.00 0.00 N | 31.56 0.00 0.00 N | 67.60 0.00 0.00 N | 53.64 0.00 0.00 N | 39.87 0.00 0.00 N | 50.56 0.00 0.00 N | 71.39 0.00 0.00 N | 96.50 0.00 0.00 N | 68.48 0.00 0.00 N | 59.69 0.00 0.00 N | 50.81 0.00 0.00 N | 43.76 0.00 0.00 N | 30.16 0.00 0.00 N | 26.48 0.00 0.00 N | 52.18 0.00 0.00 N | 52.02 0.00 0.00 N | 62.82 0.00 0.00 N | 62.32 0.00 0.00 N | 53.78 0.00 0.00 N | 27.50 0.00 0.00 N | 49.22 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 76.71 5.79 -12.34 N | 67.15 5.74 0.00 N | 57.40 3.16 -18.98 N | 43.65 3.51 0.00 N | 34.39 2.83 0.00 N | 73.82 6.22 0.00 N | 61.32 5.50 -2.18 N | 44.24 4.28 -0.10 N | 56.74 6.04 -0.14 N | 139.91 9.05 -59.47 N | 168.87 12.08 -60.28 N | 119.74 8.52 -42.74 N | 119.35 7.50 -52.16 N | 123.08 6.33 -65.94 N | 113.53 5.43 -64.34 N | 113.02 3.81 -79.04 N | 123.20 3.41 -93.31 N | 111.41 6.73 -52.50 N | 103.22 6.88 -44.32 N | 148.85 8.51 -77.51 N | 122.27 8.73 -51.23 N | 114.88 7.31 -53.79 N | 64.05 3.65 -32.91 N | 54.88 5.66 0.00 N |
| NYPA_GOWANUS____GT5 24156 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.78 6.62 -5.98 N | 83.12 6.62 -24.48 N | 71.08 8.26 0.00 N | 70.53 8.21 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.78 6.62 -5.98 N | 83.12 6.62 -24.48 N | 71.08 8.26 0.00 N | 70.53 8.21 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 76.51 5.59 -12.34 N | 67.14 5.73 0.00 N | 57.41 3.17 -18.98 N | 43.72 3.58 0.00 N | 34.41 2.86 0.00 N | 74.14 6.54 0.00 N | 61.49 5.67 -2.17 N | 44.26 4.30 -0.10 N | 56.61 5.91 -0.14 N | 82.19 8.47 -2.34 N | 110.93 11.74 -2.69 N | 88.19 8.17 -11.54 N | 67.00 7.16 -0.15 N | 61.02 5.97 -4.24 N | 48.87 5.11 0.00 N | 33.76 3.59 0.00 N | 38.64 3.20 -8.96 N | 64.68 6.51 -5.98 N | 83.09 6.59 -24.48 N | 71.10 8.28 0.00 N | 70.50 8.19 0.00 N | 63.48 6.96 -2.73 N | 60.01 3.50 -29.02 N | 54.67 5.45 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 76.51 5.59 -12.34 N | 67.14 5.73 0.00 N | 57.41 3.17 -18.98 N | 43.72 3.58 0.00 N | 34.41 2.86 0.00 N | 74.14 6.54 0.00 N | 61.49 5.67 -2.17 N | 44.26 4.30 -0.10 N | 56.61 5.91 -0.14 N | 82.19 8.47 -2.34 N | 110.93 11.74 -2.69 N | 88.19 8.17 -11.54 N | 67.00 7.16 -0.15 N | 61.02 5.97 -4.24 N | 48.87 5.11 0.00 N | 33.76 3.59 0.00 N | 38.64 3.20 -8.96 N | 64.68 6.51 -5.98 N | 83.09 6.59 -24.48 N | 71.10 8.28 0.00 N | 70.50 8.19 0.00 N | 63.48 6.96 -2.73 N | 60.01 3.50 -29.02 N | 54.67 5.45 0.00 N |
| NYPA_KENT____GT 24152 | 76.54 5.61 -12.34 N | 67.12 5.71 0.00 N | 57.40 3.16 -18.98 N | 43.72 3.59 0.00 N | 34.41 2.86 0.00 N | 74.14 6.54 0.00 N | 61.49 5.68 -2.17 N | 44.26 4.30 -0.10 N | 56.61 5.90 -0.14 N | 82.28 8.56 -2.34 N | 110.84 11.66 -2.69 N | 88.15 8.13 -11.54 N | 67.04 7.21 -0.15 N | 61.09 6.04 -4.24 N | 48.94 5.18 0.00 N | 33.80 3.63 0.00 N | 38.68 3.24 -8.96 N | 64.71 6.55 -5.98 N | 83.08 6.58 -24.48 N | 71.04 8.22 0.00 N | 70.46 8.14 0.00 N | 63.56 7.05 -2.73 N | 59.91 3.40 -29.02 N | 54.59 5.37 0.00 N |
| NYPA_POUCH1____GT 24155 | 76.50 5.57 -12.34 N | 67.09 5.68 0.00 N | 57.37 3.12 -18.98 N | 43.71 3.57 0.00 N | 34.40 2.84 0.00 N | 74.11 6.50 0.00 N | 61.48 5.66 -2.17 N | 44.25 4.29 -0.10 N | 56.58 5.88 -0.14 N | 82.24 8.52 -2.34 N | 110.77 11.58 -2.69 N | 88.02 8.00 -11.54 N | 66.93 7.09 -0.15 N | 61.03 5.97 -4.24 N | 48.88 5.12 0.00 N | 33.75 3.58 0.00 N | 38.62 3.18 -8.96 N | 64.54 6.38 -5.98 N | 82.89 6.38 -24.48 N | 70.80 7.98 0.00 N | 70.25 7.93 0.00 N | 63.42 6.90 -2.73 N | 59.87 3.35 -29.02 N | 54.50 5.28 0.00 N |
| NYPA_VERNON____GT2 24162 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N |

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|-------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| NYPA_VERNON____GT3 24163 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 76.39 5.46 -12.34 N | 66.97 5.57 0.00 N | 57.33 3.09 -18.98 N | 43.64 3.50 0.00 N | 34.35 2.79 0.00 N | 73.98 6.38 0.00 N | 61.36 5.55 -2.17 N | 44.16 4.20 -0.10 N | 56.49 5.79 -0.14 N | 82.10 8.38 -2.34 N | 110.58 11.40 -2.69 N | 88.01 7.99 -11.54 N | 66.92 7.08 -0.15 N | 60.99 5.93 -4.24 N | 48.83 5.07 0.00 N | 33.75 3.58 0.00 N | 38.64 3.20 -8.96 N | 64.60 6.44 -5.98 N | 82.99 6.49 -24.48 N | 70.95 8.13 0.00 N | 70.34 8.02 0.00 N | 63.47 6.96 -2.73 N | 59.88 3.36 -29.02 N | 54.54 5.32 0.00 N |
| NYPA____HOLTSVILL 23794 | 76.26 5.33 -12.34 N | 66.69 5.29 0.00 N | 57.14 2.89 -18.98 N | 43.34 3.20 0.00 N | 34.16 2.61 0.00 N | 73.35 5.75 0.00 N | 60.97 5.15 -2.18 N | 43.97 4.01 -0.10 N | 56.36 5.66 -0.14 N | 139.35 8.49 -59.47 N | 167.94 11.26 -60.18 N | 118.76 7.92 -42.37 N | 118.19 6.98 -51.53 N | 122.28 5.88 -65.59 N | 113.00 5.05 -64.19 N | 112.65 3.55 -78.95 N | 122.27 3.20 -92.59 N | 110.40 6.42 -51.80 N | 101.96 6.53 -43.41 N | 148.30 8.18 -77.30 N | 121.55 8.14 -51.09 N | 114.00 6.79 -53.43 N | 63.73 3.38 -32.85 N | 54.40 5.18 0.00 N |
| NYPA____HELLGATE_GT1 24158 | 76.51 5.59 -12.34 N | 67.14 5.73 0.00 N | 57.41 3.17 -18.98 N | 43.72 3.58 0.00 N | 34.41 2.86 0.00 N | 74.14 6.54 0.00 N | 61.49 5.67 -2.17 N | 44.26 4.30 -0.10 N | 56.61 5.91 -0.14 N | 82.19 8.47 -2.34 N | 110.93 11.74 -2.69 N | 88.19 8.17 -11.54 N | 67.00 7.16 -0.15 N | 61.02 5.97 -4.24 N | 48.87 5.11 0.00 N | 33.76 3.59 0.00 N | 38.64 3.20 -8.96 N | 64.68 6.51 -5.98 N | 83.09 6.59 -24.48 N | 71.10 8.28 0.00 N | 70.50 8.19 0.00 N | 63.48 6.96 -2.73 N | 60.01 3.50 -29.02 N | 54.67 5.45 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 76.51 5.59 -12.34 N | 67.14 5.73 0.00 N | 57.41 3.17 -18.98 N | 43.72 3.58 0.00 N | 34.41 2.86 0.00 N | 74.14 6.54 0.00 N | 61.49 5.67 -2.17 N | 44.26 4.30 -0.10 N | 56.61 5.91 -0.14 N | 82.19 8.47 -2.34 N | 110.93 11.74 -2.69 N | 88.19 8.17 -11.54 N | 67.00 7.16 -0.15 N | 61.02 5.97 -4.24 N | 48.87 5.11 0.00 N | 33.76 3.59 0.00 N | 38.64 3.20 -8.96 N | 64.68 6.51 -5.98 N | 83.09 6.59 -24.48 N | 71.10 8.28 0.00 N | 70.50 8.19 0.00 N | 63.48 6.96 -2.73 N | 60.01 3.50 -29.02 N | 54.67 5.45 0.00 N |
| NYS_BARGE____HYD 23848 | 55.03 -5.26 -1.70 N | 56.15 -5.25 0.00 N | 34.90 -2.98 -2.62 N | 36.95 -3.20 0.00 N | 29.12 -2.43 0.00 N | 62.08 -5.53 0.00 N | 49.33 -4.61 -0.30 N | 35.62 -4.26 -0.01 N | 44.79 -5.80 -0.02 N | 63.21 -8.50 -0.32 N | 85.16 -11.71 -8.10 N | 61.97 -6.53 -1.59 N | 53.17 -6.53 -0.02 N | 45.79 -5.60 -0.59 N | 39.00 -4.76 0.00 N | 26.90 -3.27 0.00 N | 24.63 -3.10 -1.25 N | 47.28 -5.74 -0.83 N | 49.56 -5.88 -3.42 N | 56.06 -6.75 0.00 N | 55.59 -6.73 0.00 N | 48.32 -5.85 -0.38 N | 29.70 -1.85 -4.05 N | 45.76 -3.46 0.00 N |
| O.H_GEN_BRUCE 24063 | 53.84 -6.41 -1.66 N | 55.00 -6.41 0.00 N | 34.18 -3.63 -2.55 N | 36.20 -3.94 0.00 N | 28.53 -3.03 0.00 N | 60.78 -6.82 0.00 N | 48.23 -5.71 -0.29 N | 34.72 -5.16 -0.01 N | 43.59 -6.99 -0.02 N | 61.51 -10.20 -0.31 N | 82.87 -13.99 -0.36 N | 60.35 -9.67 -1.55 N | 51.82 -7.88 -0.02 N | 44.65 -6.72 -0.57 N | 38.04 -5.72 0.00 N | 26.23 -3.93 0.00 N | 23.99 -3.70 -1.22 N | 45.91 -7.08 -0.81 N | 48.09 -7.24 -3.32 N | 54.38 -8.44 0.00 N | 53.95 -8.36 0.00 N | 46.94 -7.21 -0.37 N | 28.93 -2.50 -3.94 N | 44.70 -4.52 0.00 N |
| OAK_ORCHARD____HYD 24046 | 56.96 -3.00 -1.37 N | 58.32 -3.09 0.00 N | 35.63 -1.74 -2.11 N | 38.27 -1.87 0.00 N | 30.15 -1.41 0.00 N | 64.40 -3.20 0.00 N | 51.29 -2.60 -0.24 N | 37.57 -2.31 -0.01 N | 47.47 -3.11 -0.02 N | 67.17 -4.48 -0.26 N | 90.84 -5.96 -0.30 N | 65.61 -4.16 -1.28 N | 56.32 -3.38 -0.02 N | 48.30 -2.98 -0.47 N | 41.24 -2.52 0.00 N | 28.45 -1.71 0.00 N | 25.85 -1.63 -1.00 N | 49.99 -2.86 -0.67 N | 51.80 -2.96 -2.74 N | 59.37 -3.45 0.00 N | 58.75 -3.57 0.00 N | 50.86 -3.23 -0.31 N | 29.62 -1.12 -3.24 N | 47.19 -2.03 0.00 N |
| OCC_CHEM____DRP 24175 | 54.16 -6.16 -1.72 N | 55.28 -6.13 0.00 N | 34.44 -3.47 -2.65 N | 36.40 -3.74 0.00 N | 28.69 -2.87 0.00 N | 61.11 -6.50 0.00 N | 48.47 -5.47 -0.30 N | 34.88 -5.01 -0.01 N | 43.75 -6.83 -0.02 N | 61.64 -10.07 -0.33 N | 83.01 -13.86 -0.38 N | 60.62 -9.47 -1.61 N | 52.09 -7.62 -0.02 N | 44.89 -6.52 -0.59 N | 38.18 -5.58 0.00 N | 26.32 -3.85 0.00 N | 24.11 -3.63 -1.27 N | 46.08 -6.95 -0.85 N | 48.36 -7.12 -3.46 N | 54.54 -8.28 0.00 N | 54.09 -8.22 0.00 N | 47.09 -7.07 -0.39 N | 29.21 -2.38 -4.10 N | 44.92 -4.30 0.00 N |
| OLIN_CORP_DRP 24177 | 54.51 -5.85 -1.77 N | 55.55 -5.86 0.00 N | 34.65 -3.33 -2.72 N | 36.58 -3.57 0.00 N | 28.81 -2.74 0.00 N | 61.40 -6.20 0.00 N | 48.78 -5.17 -0.31 N | 35.16 -4.72 -0.01 N | 44.17 -6.42 -0.02 N | 62.31 -9.42 -0.33 N | 83.89 -13.00 -0.39 N | 61.14 -8.99 -1.65 N | 52.42 -7.29 -0.02 N | 45.19 -6.23 -0.61 N | 38.47 -5.29 0.00 N | 26.52 -3.64 0.00 N | 24.34 -3.44 -1.30 N | 46.54 -6.51 -0.87 N | 48.91 -6.65 -3.55 N | 55.12 -7.70 0.00 N | 54.68 -7.64 0.00 N | 47.58 -6.60 -0.40 N | 29.49 -2.21 -4.20 N | 45.20 -4.02 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 59.85 0.18 -1.08 N | 61.52 0.11 0.00 N | 37.02 0.09 -1.66 N | 40.28 0.14 0.00 N | 31.73 0.17 0.00 N | 67.74 0.13 0.00 N | 54.03 0.19 -0.19 N | 40.07 0.20 -0.01 N | 50.86 0.29 -0.01 N | 71.84 0.24 -0.20 N | 97.10 0.37 -0.23 N | 69.67 0.18 -1.01 N | 59.89 0.19 -0.01 N | 51.26 0.07 -0.37 N | 43.87 0.11 0.00 N | 30.28 0.11 0.00 N | 27.38 0.12 -0.79 N | 53.10 0.39 -0.53 N | 54.54 0.38 -2.15 N | 63.36 0.54 0.00 N | 62.64 0.33 0.00 N | 54.20 0.17 -0.24 N | 30.19 0.15 -2.55 N | 49.58 0.36 0.00 N |
| ONONDAGA____COGEN 23986 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N |
| ONTARIO____LFGE 23819 | 59.20 -1.00 -1.61 N | 60.44 -0.97 0.00 N | 37.24 -0.50 -2.47 N | 39.77 -0.37 0.00 N | 31.40 -0.16 0.00 N | 66.88 -0.72 0.00 N | 53.60 -0.33 -0.28 N | 39.67 -0.21 -0.01 N | 50.47 -0.11 -0.02 N | 71.07 -0.62 -0.30 N | 96.01 -0.84 -0.35 N | 69.27 -0.71 -1.50 N | 59.25 -0.45 -0.02 N | 50.79 -0.58 -0.55 N | 43.30 -0.46 0.00 N | 29.85 -0.32 0.00 N | 27.31 -0.33 -1.17 N | 52.81 -0.15 -0.78 N | 54.98 -0.23 -3.19 N | 62.91 0.10 0.00 N | 62.03 -0.29 0.00 N | 53.72 -0.42 -0.36 N | 31.33 0.05 -3.78 N | 49.18 -0.04 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 |
|---------------------------------|------------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---|
| OSWEGATCHIE___HYD 24044 | 58.76 0.17 0.00 N | 61.85 0.44 0.00 N | 35.36 0.10 0.00 N | 40.41 0.27 0.00 N | 31.39 -0.17 0.00 N | 66.72 -0.88 0.00 N | 53.08 -0.57 0.00 N | 39.66 -0.21 0.00 N | 50.37 -0.19 0.00 N | 71.04 -0.35 0.00 N | 95.72 -0.78 0.00 N | 67.92 -0.56 0.00 N | 59.05 -0.64 0.00 N | 50.45 -0.36 0.00 N | 43.45 -0.32 0.00 N | 29.91 -0.25 0.00 N | 26.07 -0.41 0.00 N | 51.62 -0.56 0.00 N | 51.40 -0.62 0.00 N | 61.68 -1.14 0.00 N | 61.39 -0.93 0.00 N | 52.75 -1.03 0.00 N | 26.82 -0.68 0.00 N | 48.32 -0.90 0.00 N | |
| OSWEGO___5 23606 | 58.43 -1.02 -0.86 N | 60.27 -1.14 0.00 N | 35.97 -0.62 -1.32 N | 39.48 -0.66 0.00 N | 31.04 -0.52 0.00 N | 66.29 -1.31 0.00 N | 52.75 -1.04 -0.15 N | 39.09 -0.79 0.00 N | 49.55 -1.03 -0.01 N | 69.96 -1.59 -0.16 N | 94.54 -2.15 -0.19 N | 67.72 -1.56 -0.81 N | 58.38 -1.32 -0.01 N | 49.92 -1.19 -0.30 N | 42.76 -1.00 0.00 N | 29.51 -0.66 0.00 N | 26.51 -0.59 -0.62 N | 51.48 -1.12 -0.42 N | 52.59 -1.14 -1.71 N | 61.48 -1.33 0.00 N | 60.90 -1.42 0.00 N | 52.73 -1.24 -0.19 N | 29.01 -0.51 -2.03 N | 48.43 -0.80 0.00 N | |
| OSWEGO___6 23613 | 58.43 -1.02 -0.86 N | 60.27 -1.14 0.00 N | 35.97 -0.62 -1.32 N | 39.48 -0.66 0.00 N | 31.04 -0.52 0.00 N | 66.29 -1.31 0.00 N | 52.75 -1.04 -0.15 N | 39.09 -0.79 0.00 N | 49.55 -1.03 -0.01 N | 69.96 -1.59 -0.16 N | 94.54 -2.15 -0.19 N | 67.72 -1.56 -0.81 N | 58.38 -1.32 -0.01 N | 49.92 -1.19 -0.30 N | 42.76 -1.00 0.00 N | 29.51 -0.66 0.00 N | 26.51 -0.59 -0.62 N | 51.48 -1.12 -0.42 N | 52.59 -1.14 -1.71 N | 61.48 -1.33 0.00 N | 60.90 -1.42 0.00 N | 52.73 -1.24 -0.19 N | 29.01 -0.51 -2.03 N | 48.43 -0.80 0.00 N | |
| OUTOKUMPU-AB___DRP 24206 | 55.59 -4.78 -1.78 N | 56.64 -4.77 0.00 N | 35.30 -2.70 -2.73 N | 37.28 -2.86 0.00 N | 29.39 -2.17 0.00 N | 62.64 -4.97 0.00 N | 49.83 -4.13 -0.31 N | 36.02 -3.86 -0.01 N | 45.34 -5.24 -0.02 N | 64.03 -7.70 -0.34 N | 86.24 -10.65 -0.39 N | 62.77 -7.37 -1.66 N | 53.80 -5.90 -0.02 N | 46.35 -5.08 -0.61 N | 39.45 -4.31 0.00 N | 27.17 -3.00 0.00 N | 24.94 -2.85 -1.31 N | 47.86 -5.19 -0.87 N | 50.25 -5.33 -3.57 N | 56.73 -6.08 0.00 N | 56.27 -6.05 0.00 N | 48.92 -5.26 -0.40 N | 30.14 -1.59 -4.23 N | 46.19 -3.04 0.00 N | |
| OXBOW___ 24026 | 55.04 -5.30 -1.75 N | 56.12 -5.28 0.00 N | 34.97 -2.99 -2.69 N | 36.95 -3.19 0.00 N | 29.12 -2.44 0.00 N | 62.05 -5.55 0.00 N | 49.30 -4.65 -0.31 N | 35.56 -4.31 -0.01 N | 44.71 -5.88 -0.02 N | 63.06 -8.66 -0.33 N | 84.96 -11.92 -0.38 N | 61.92 -8.20 -1.64 N | 53.14 -6.57 -0.02 N | 45.78 -5.64 -0.60 N | 38.96 -4.80 0.00 N | 26.84 -3.33 0.00 N | 24.62 -3.15 -1.29 N | 47.18 -5.86 -0.86 N | 49.51 -6.02 -3.52 N | 55.91 -6.91 0.00 N | 55.44 -6.87 0.00 N | 48.21 -5.96 -0.39 N | 29.78 -1.89 -4.17 N | 45.71 -3.51 0.00 N | |
| OXY_CHEM_DSASP 323612 | 54.16 -6.16 -1.72 N | 55.28 -6.13 0.00 N | 34.44 -3.47 -2.65 N | 36.40 -3.74 0.00 N | 28.69 -2.87 0.00 N | 61.11 -6.50 0.00 N | 48.47 -5.47 -0.30 N | 34.88 -5.01 -0.01 N | 43.75 -6.83 -0.02 N | 61.64 -10.07 -0.33 N | 83.01 -13.86 -0.38 N | 60.62 -9.47 -1.61 N | 52.09 -7.62 -0.02 N | 44.89 -6.52 -0.59 N | 38.18 -5.58 0.00 N | 26.32 -3.85 0.00 N | 24.11 -3.63 -1.27 N | 46.08 -6.95 -0.85 N | 48.36 -7.12 -3.46 N | 54.54 -8.28 0.00 N | 54.09 -8.22 0.00 N | 47.09 -7.07 -0.39 N | 29.21 -2.38 -4.10 N | 44.92 -4.30 0.00 N | |
| PEEKSKILL___ 23653 | 75.44 4.60 -12.25 N | 66.09 4.68 0.00 N | 56.75 2.63 -18.85 N | 43.12 2.98 0.00 N | 33.96 2.41 0.00 N | 73.08 5.48 0.00 N | 60.59 4.79 -2.16 N | 43.58 3.61 -0.10 N | 55.67 4.96 -0.14 N | 80.87 7.16 -2.32 N | 109.00 9.83 -2.67 N | 86.79 6.84 -11.46 N | 65.86 6.02 -0.15 N | 60.06 5.03 -4.22 N | 48.09 4.32 0.00 N | 33.21 3.05 0.00 N | 38.12 2.74 -8.90 N | 63.76 5.64 -5.94 N | 82.05 5.72 -24.32 N | 70.03 7.21 0.00 N | 69.37 7.06 0.00 N | 62.57 6.07 -2.71 N | 59.18 2.87 -28.82 N | 53.82 4.60 0.00 N | |
| PGE MADISON___WINDPWR 24146 | 66.78 4.67 -3.53 N | 66.44 5.03 0.00 N | 43.67 2.99 -5.42 N | 43.77 3.63 0.00 N | 34.59 3.03 0.00 N | 73.61 6.01 0.00 N | 59.65 5.38 -0.62 N | 44.26 4.37 -0.03 N | 56.55 5.95 -0.04 N | 80.01 7.96 -0.67 N | 108.06 10.79 -0.77 N | 79.17 7.40 -3.30 N | 66.02 6.29 -0.04 N | 57.12 5.09 -1.21 N | 48.26 4.50 0.00 N | 33.33 3.17 0.00 N | 31.86 2.83 -2.56 N | 60.07 6.18 -1.71 N | 65.23 6.22 -6.99 N | 70.75 7.93 0.00 N | 69.51 7.19 0.00 N | 60.33 5.77 -0.78 N | 38.47 2.69 -8.28 N | 53.91 4.69 0.00 N | |
| PIERCEFIELD___HYD 23852 | 57.04 -1.55 0.00 N | 60.39 -1.02 0.00 N | 34.43 -0.83 0.00 N | 39.46 -0.67 0.00 N | 30.43 -1.13 0.00 N | 64.36 -3.24 0.00 N | 51.12 -2.52 0.00 N | 38.24 -1.62 0.00 N | 48.50 -2.06 0.00 N | 68.41 -2.98 0.00 N | 91.84 -4.65 0.00 N | 65.29 -3.19 0.00 N | 56.65 -3.03 0.00 N | 48.58 -2.23 0.00 N | 41.81 -1.95 0.00 N | 28.77 -1.39 0.00 N | 24.91 -1.57 0.00 N | 49.39 -2.79 0.00 N | 49.24 -2.78 0.00 N | 58.79 -4.02 0.00 N | 58.85 -3.47 0.00 N | 50.61 -3.17 0.00 N | 25.75 -1.75 0.00 N | 46.67 -2.55 0.00 N | |
| PINELAWN_CC_1 323563 | 76.94 6.02 -12.34 N | 67.40 6.00 0.00 N | 57.55 3.30 -18.98 N | 43.81 3.67 0.00 N | 34.51 2.95 0.00 N | 74.09 6.49 0.00 N | 61.51 5.70 -2.18 N | 44.38 4.42 -0.10 N | 56.91 6.21 -0.14 N | 140.04 9.18 -59.47 N | 169.67 12.43 -60.74 N | 121.67 8.72 -44.46 N | 122.47 7.69 -55.09 N | 124.88 6.48 -67.59 N | 114.27 5.50 -65.01 N | 113.28 3.63 -79.48 N | 126.28 3.18 -96.62 N | 114.41 6.51 -55.71 N | 107.18 6.63 -48.53 N | 149.65 8.34 -78.48 N | 122.39 8.23 -51.84 N | 116.32 7.06 -55.47 N | 64.43 3.76 -33.18 N | 55.11 5.89 0.00 N | |
| PJM_GEN_KEystone 24065 | 64.30 -2.77 -8.48 N | 58.60 -2.81 0.00 N | 46.74 -1.57 -13.05 N | 38.84 -1.30 0.00 N | 30.46 -1.09 0.00 N | 65.10 -2.50 0.00 N | 53.72 -1.42 -1.50 N | 38.93 -1.00 -0.07 N | 49.82 -0.83 -0.10 N | 71.91 -1.09 -1.61 N | 96.73 -1.62 -1.85 N | 74.64 -1.77 -7.94 N | 58.41 -1.38 -0.11 N | 52.36 -1.37 -2.92 N | 42.77 -0.99 0.00 N | 29.38 -0.79 0.00 N | 31.90 -0.73 -6.15 N | 57.49 1.20 -4.10 N | 69.28 -0.26 -17.53 N | 62.52 -0.29 0.00 N | 62.09 -0.23 0.00 N | 55.63 -0.12 -1.97 N | 48.74 0.37 -20.87 N | 49.05 -0.17 0.00 N | |
| PJM_GEN_NEPTUNE_PROXY 323594 | 76.34 5.42 -12.34 N | 66.81 5.40 0.00 N | 57.22 2.97 -18.98 N | 43.44 3.30 0.00 N | 34.22 2.66 0.00 N | 73.51 5.91 0.00 N | 61.03 5.21 -2.18 N | 44.00 4.04 -0.10 N | 56.40 5.70 -0.14 N | 110.71 8.44 -30.88 N | 138.57 11.46 -30.61 N | 100.42 8.01 -23.92 N | 87.43 7.06 -20.69 N | 88.76 5.94 -32.01 N | 79.77 5.11 -30.90 N | 72.43 3.58 -38.68 N | 74.65 3.20 -44.97 N | 81.94 6.50 -23.26 N | 85.16 6.56 -26.57 N | 108.02 8.28 -36.93 N | 94.89 8.14 -24.44 N | 85.81 6.91 -25.11 N | 61.40 3.44 -30.47 N | 54.56 5.34 0.00 N | |
| PJM_GEN_VFT_PROXY 323633 | 76.14 5.21 -12.33 N | 66.70 5.29 0.00 N | 57.14 2.90 -18.98 N | 43.49 3.35 0.00 N | 34.22 2.67 0.00 N | 73.74 6.13 0.00 N | 61.17 5.35 -2.17 N | 44.01 4.04 -0.10 N | 56.25 5.55 -0.14 N | 81.80 8.08 -2.33 N | 110.16 10.97 -2.69 N | 87.51 7.49 -11.54 N | 66.60 6.76 -0.15 N | 60.71 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.45 3.02 -8.96 N | 64.25 6.09 -5.98 N | 82.60 6.10 -24.48 N | 70.52 7.71 0.00 N | 69.89 7.57 0.00 N | 63.03 6.52 -2.73 N | 59.61 3.10 -29.02 N | 54.18 4.97 0.00 N | |
| PLEASANTVLY___LBMP | 75.72 | 65.82 | 57.50 | 42.92 | 33.82 | 72.80 | 60.39 | 43.34 | 55.26 | 80.37 | 108.25 | 86.74 | 65.37 | 59.89 | 47.80 | 32.99 | 38.31 | 63.51 | 82.64 | 69.31 | 68.69 | 62.14 | 60.28 | 53.51 | |

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|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 24000 | 4.32 -12.81 N | 4.42 0.00 N | 2.52 -19.71 N | 2.78 0.00 N | 2.26 0.00 N | 5.20 0.00 N | 4.49 -2.26 N | 3.37 -0.10 N | 4.55 -0.15 N | 6.56 -2.43 N | 8.96 -2.79 N | 6.28 -11.98 N | 5.53 -0.16 N | 4.68 -4.41 N | 4.04 0.00 N | 2.82 0.00 N | 2.53 -9.30 N | 5.12 -6.21 N | 5.20 -25.42 N | 6.50 0.00 N | 6.37 0.00 N | 5.52 -2.84 N | 2.65 -30.14 N | 4.29 0.00 N |
| POLETTI____ 23519 | 76.13 5.21 -12.33 N | 66.72 5.31 0.00 N | 57.19 2.95 -18.98 N | 43.49 3.35 0.00 N | 34.23 2.67 0.00 N | 73.73 6.13 0.00 N | 61.16 5.35 -2.17 N | 44.00 4.04 -0.10 N | 56.26 5.55 -0.14 N | 81.80 8.07 -2.33 N | 110.20 11.01 -2.69 N | 87.66 7.64 -11.54 N | 66.63 6.79 -0.15 N | 60.74 5.68 -4.24 N | 48.66 4.90 0.00 N | 33.61 3.44 0.00 N | 38.51 3.07 -8.96 N | 64.40 6.24 -5.98 N | 82.79 6.29 -24.48 N | 70.75 7.93 0.00 N | 70.09 7.77 0.00 N | 63.20 6.69 -2.73 N | 59.71 3.19 -29.02 N | 54.35 5.13 0.00 N |
| PORT_JEFF_3 23555 | 76.50 5.57 -12.34 N | 66.97 5.56 0.00 N | 57.28 3.04 -18.98 N | 43.52 3.38 0.00 N | 34.31 2.76 0.00 N | 73.65 6.04 0.00 N | 61.19 5.37 -2.18 N | 44.16 4.20 -0.10 N | 56.61 5.91 -0.14 N | 139.60 8.74 -59.47 N | 168.16 11.47 -60.19 N | 118.95 8.08 -42.39 N | 118.40 7.14 -51.57 N | 122.45 6.03 -65.61 N | 113.13 5.17 -64.20 N | 112.75 3.63 -78.96 N | 122.40 3.27 -92.64 N | 110.44 6.40 -51.85 N | 102.06 6.57 -43.47 N | 148.42 8.28 -77.32 N | 121.74 8.32 -51.10 N | 114.16 6.92 -53.45 N | 63.85 3.50 -32.86 N | 54.65 5.43 0.00 N |
| PORT_JEFF_4 23616 | 76.50 5.57 -12.34 N | 66.97 5.56 0.00 N | 57.28 3.04 -18.98 N | 43.52 3.38 0.00 N | 34.31 2.76 0.00 N | 73.65 6.04 0.00 N | 61.19 5.37 -2.18 N | 44.16 4.20 -0.10 N | 56.61 5.91 -0.14 N | 139.60 8.74 -59.47 N | 168.16 11.47 -60.19 N | 118.95 8.08 -42.39 N | 118.40 7.14 -51.57 N | 122.45 6.03 -65.61 N | 113.13 5.17 -64.20 N | 112.75 3.63 -78.96 N | 122.40 3.27 -92.64 N | 110.44 6.40 -51.85 N | 102.06 6.57 -43.47 N | 148.42 8.28 -77.32 N | 121.74 8.32 -51.10 N | 114.16 6.92 -53.45 N | 63.85 3.50 -32.86 N | 54.65 5.43 0.00 N |
| PORT_JEFF_IC 23713 | 76.58 5.66 -12.34 N | 67.05 5.65 0.00 N | 57.35 3.11 -18.98 N | 43.57 3.43 0.00 N | 34.35 2.79 0.00 N | 73.72 6.12 0.00 N | 61.25 5.43 -2.18 N | 44.20 4.24 -0.10 N | 56.68 5.98 -0.14 N | 139.72 8.86 -59.47 N | 168.36 11.65 -60.21 N | 119.15 8.21 -42.46 N | 118.63 7.26 -51.68 N | 122.61 6.13 -65.67 N | 113.23 5.24 -64.23 N | 112.83 3.69 -78.97 N | 122.59 3.34 -92.77 N | 110.50 6.34 -51.97 N | 102.16 6.50 -43.63 N | 148.41 8.23 -77.36 N | 121.97 8.52 -51.12 N | 114.37 7.06 -53.52 N | 63.91 3.55 -32.87 N | 54.73 5.51 0.00 N |
| PPL PILGRIM_ST_GT1 24216 | 76.71 5.79 -12.34 N | 67.15 5.74 0.00 N | 57.40 3.16 -18.98 N | 43.65 3.51 0.00 N | 34.39 2.83 0.00 N | 73.82 6.22 0.00 N | 61.32 5.50 -2.18 N | 44.24 4.28 -0.10 N | 56.74 6.04 -0.14 N | 139.91 9.05 -59.47 N | 168.87 12.08 -60.28 N | 119.74 8.52 -42.74 N | 119.35 7.50 -52.16 N | 123.08 6.33 -65.94 N | 113.53 5.43 -64.34 N | 113.02 3.81 -79.04 N | 123.20 3.41 -93.31 N | 111.41 6.73 -52.50 N | 103.22 6.88 -44.32 N | 148.85 8.51 -77.51 N | 122.27 8.73 -51.23 N | 114.88 7.31 -53.79 N | 64.05 3.65 -32.91 N | 54.88 5.66 0.00 N |
| PPL PILGRIM_ST_GT2 24217 | 76.71 5.79 -12.34 N | 67.15 5.74 0.00 N | 57.40 3.16 -18.98 N | 43.65 3.51 0.00 N | 34.39 2.83 0.00 N | 73.82 6.22 0.00 N | 61.32 5.50 -2.18 N | 44.24 4.28 -0.10 N | 56.74 6.04 -0.14 N | 139.91 9.05 -59.47 N | 168.87 12.08 -60.28 N | 119.74 8.52 -42.74 N | 119.35 7.50 -52.16 N | 123.08 6.33 -65.94 N | 113.53 5.43 -64.34 N | 113.02 3.81 -79.04 N | 123.20 3.41 -93.31 N | 111.41 6.73 -52.50 N | 103.22 6.88 -44.32 N | 148.85 8.51 -77.51 N | 122.27 8.73 -51.23 N | 114.88 7.31 -53.79 N | 64.05 3.65 -32.91 N | 54.88 5.66 0.00 N |
| PPL_SHRM_GT3 24213 | 75.86 4.94 -12.34 N | 66.27 4.87 0.00 N | 56.89 2.64 -18.98 N | 43.05 2.91 0.00 N | 33.96 2.41 0.00 N | 72.91 5.31 0.00 N | 60.65 4.83 -2.18 N | 43.76 3.80 -0.10 N | 56.09 5.39 -0.14 N | 138.94 8.08 -59.47 N | 167.37 10.68 -60.19 N | 118.39 7.49 -42.42 N | 117.88 6.57 -51.62 N | 121.99 5.54 -65.64 N | 112.69 4.72 -64.21 N | 112.46 3.33 -78.96 N | 122.21 3.04 -92.70 N | 110.31 6.23 -51.90 N | 101.90 6.34 -43.54 N | 148.08 7.93 -77.33 N | 121.29 7.86 -51.11 N | 113.73 6.47 -53.48 N | 63.50 3.15 -32.86 N | 54.01 4.79 0.00 N |
| PPL_SHRM_GT4 24214 | 75.86 4.94 -12.34 N | 66.27 4.87 0.00 N | 56.89 2.64 -18.98 N | 43.05 2.91 0.00 N | 33.96 2.41 0.00 N | 72.91 5.31 0.00 N | 60.65 4.83 -2.18 N | 43.76 3.80 -0.10 N | 56.09 5.39 -0.14 N | 138.94 8.08 -59.47 N | 167.37 10.68 -60.19 N | 118.39 7.49 -42.42 N | 117.88 6.57 -51.62 N | 121.99 5.54 -65.64 N | 112.69 4.72 -64.21 N | 112.46 3.33 -78.96 N | 122.21 3.04 -92.70 N | 110.31 6.23 -51.90 N | 101.90 6.34 -43.54 N | 148.08 7.93 -77.33 N | 121.29 7.86 -51.11 N | 113.73 6.47 -53.48 N | 63.50 3.15 -32.86 N | 54.01 4.79 0.00 N |
| PROJECT___ORANGE 1 24174 | 59.38 -0.16 -0.95 N | 61.17 -0.23 0.00 N | 36.63 -0.10 -1.47 N | 40.05 -0.09 0.00 N | 31.54 -0.02 0.00 N | 67.33 -0.27 0.00 N | 53.65 -0.16 -0.17 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.26 -0.31 -0.18 N | 96.30 -0.40 -0.21 N | 69.01 -0.35 -0.89 N | 59.43 -0.27 -0.01 N | 50.83 -0.31 -0.33 N | 43.54 -0.22 0.00 N | 30.04 -0.12 0.00 N | 27.08 -0.09 -0.69 N | 52.59 -0.05 -0.46 N | 53.83 -0.08 -1.89 N | 62.81 -0.01 0.00 N | 62.14 -0.18 0.00 N | 53.76 -0.23 -0.21 N | 29.73 -0.01 -2.24 N | 49.29 0.06 0.00 N |
| PROJECT___ORANGE 2 24166 | 59.38 -0.16 -0.95 N | 61.17 -0.23 0.00 N | 36.63 -0.10 -1.47 N | 40.05 -0.09 0.00 N | 31.54 -0.02 0.00 N | 67.33 -0.27 0.00 N | 53.65 -0.16 -0.17 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.26 -0.31 -0.18 N | 96.30 -0.40 -0.21 N | 69.01 -0.35 -0.89 N | 59.43 -0.27 -0.01 N | 50.83 -0.31 -0.33 N | 43.54 -0.22 0.00 N | 30.04 -0.12 0.00 N | 27.08 -0.09 -0.69 N | 52.59 -0.05 -0.46 N | 53.83 -0.08 -1.89 N | 62.81 -0.01 0.00 N | 62.14 -0.18 0.00 N | 53.76 -0.23 -0.21 N | 29.73 -0.01 -2.24 N | 49.29 0.06 0.00 N |
| PYRITES___HYD 24023 | 57.50 -1.09 0.00 N | 60.88 -0.53 0.00 N | 34.71 -0.55 0.00 N | 39.79 -0.35 0.00 N | 30.69 -0.86 0.00 N | 65.08 -2.53 0.00 N | 51.73 -1.91 0.00 N | 38.70 -1.16 0.00 N | 49.10 -1.46 0.00 N | 69.07 -2.32 0.00 N | 92.78 -3.72 0.00 N | 65.95 -2.53 0.00 N | 57.25 -2.43 0.00 N | 49.08 -1.73 0.00 N | 42.22 -1.54 0.00 N | 29.04 -1.12 0.00 N | 25.19 -1.29 0.00 N | 49.96 -2.23 0.00 N | 49.81 -2.21 0.00 N | 59.61 -3.21 0.00 N | 59.48 -2.84 0.00 N | 51.15 -2.64 0.00 N | 25.99 -1.50 0.00 N | 47.10 -2.13 0.00 N |
| RAMAPO___LBMP 323565 | 75.09 4.51 -11.98 N | 65.99 4.58 0.00 N | 56.30 2.60 -18.44 N | 43.10 2.96 0.00 N | 33.95 2.39 0.00 N | 73.02 5.42 0.00 N | 60.50 4.74 -2.11 N | 43.53 3.57 -0.09 N | 55.63 4.93 -0.14 N | 80.75 7.09 -2.27 N | 108.81 9.71 -2.61 N | 86.42 6.74 -11.21 N | 65.75 5.92 -0.15 N | 59.86 4.93 -4.12 N | 47.98 4.22 0.00 N | 33.14 2.97 0.00 N | 37.88 2.69 -8.70 N | 63.57 5.58 -5.81 N | 81.49 5.69 -23.78 N | 69.99 7.17 0.00 N | 69.35 7.03 0.00 N | 62.49 6.05 -2.65 N | 58.50 2.82 -28.19 N | 53.77 4.55 0.00 N |
| RANKINE____ 23646 | 55.95 -4.56 -1.92 N | 56.84 -4.57 0.00 N | 35.63 -2.59 -2.96 N | 37.46 -2.68 0.00 N | 29.52 -2.04 0.00 N | 62.90 -4.70 0.00 N | 50.21 -3.77 -0.34 N | 36.46 -3.43 -0.02 N | 46.04 -4.55 -0.02 N | 65.16 -6.60 -0.36 N | 87.77 -9.15 -0.42 N | 63.78 -6.49 -1.80 N | 54.49 -5.22 -0.02 N | 46.95 -4.52 -0.66 N | 39.97 -3.79 0.00 N | 27.51 -2.66 0.00 N | 25.36 -2.54 -1.42 N | 48.59 -4.54 -0.94 N | 51.24 -4.65 -3.87 N | 57.57 -5.25 0.00 N | 57.12 -5.20 0.00 N | 49.67 -4.54 -0.43 N | 30.72 -1.36 -4.58 N | 46.45 -2.78 0.00 N |

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|---------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|
| RAVENSWOOD_GT2_1 24244 | 76.18 5.25 -12.34 N | 66.75 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.19 5.37 -2.17 N | 44.02 4.05 -0.10 N | 56.29 5.58 -0.14 N | 81.80 8.08 -2.33 N | 110.24 11.06 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.76 5.71 -4.24 N | 48.68 4.92 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.43 6.27 -5.98 N | 82.83 6.33 -24.48 N | 70.76 7.94 0.00 N | 70.12 7.80 0.00 N | 63.23 6.72 -2.73 N | 59.74 3.22 -29.02 N | 54.38 5.16 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 76.18 5.25 -12.34 N | 66.75 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.19 5.37 -2.17 N | 44.02 4.05 -0.10 N | 56.29 5.58 -0.14 N | 81.80 8.08 -2.33 N | 110.24 11.06 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.76 5.71 -4.24 N | 48.68 4.92 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.43 6.27 -5.98 N | 82.83 6.33 -24.48 N | 70.76 7.94 0.00 N | 70.12 7.80 0.00 N | 63.23 6.72 -2.73 N | 59.74 3.22 -29.02 N | 54.38 5.16 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 76.22 5.29 -12.34 N | 66.79 5.38 0.00 N | 57.24 2.99 -18.98 N | 43.53 3.39 0.00 N | 34.28 2.72 0.00 N | 73.81 6.20 0.00 N | 61.22 5.40 -2.17 N | 44.04 4.08 -0.10 N | 56.32 5.62 -0.14 N | 81.88 8.15 -2.33 N | 110.32 11.14 -2.69 N | 87.77 7.75 -11.54 N | 66.71 6.87 -0.15 N | 60.80 5.75 -4.24 N | 48.72 4.96 0.00 N | 33.64 3.47 0.00 N | 38.54 3.10 -8.96 N | 64.47 6.31 -5.98 N | 82.87 6.37 -24.48 N | 70.82 8.00 0.00 N | 70.17 7.85 0.00 N | 63.28 6.77 -2.73 N | 59.76 3.24 -29.02 N | 54.42 5.20 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 76.22 5.29 -12.34 N | 66.79 5.38 0.00 N | 57.24 2.99 -18.98 N | 43.53 3.39 0.00 N | 34.28 2.72 0.00 N | 73.81 6.20 0.00 N | 61.22 5.40 -2.17 N | 44.04 4.08 -0.10 N | 56.32 5.62 -0.14 N | 81.88 8.15 -2.33 N | 110.32 11.14 -2.69 N | 87.77 7.75 -11.54 N | 66.71 6.87 -0.15 N | 60.80 5.75 -4.24 N | 48.72 4.96 0.00 N | 33.64 3.47 0.00 N | 38.54 3.10 -8.96 N | 64.47 6.31 -5.98 N | 82.87 6.37 -24.48 N | 70.82 8.00 0.00 N | 70.17 7.85 0.00 N | 63.28 6.77 -2.73 N | 59.76 3.24 -29.02 N | 54.42 5.20 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 76.19 5.26 -12.34 N | 66.75 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.77 6.17 0.00 N | 61.19 5.37 -2.17 N | 44.02 4.05 -0.10 N | 56.29 5.58 -0.14 N | 81.82 8.09 -2.33 N | 110.24 11.06 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.76 5.71 -4.24 N | 48.68 4.92 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.43 6.27 -5.98 N | 82.83 6.33 -24.48 N | 70.76 7.95 0.00 N | 70.12 7.80 0.00 N | 63.24 6.72 -2.73 N | 59.73 3.21 -29.02 N | 54.38 5.16 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 76.19 5.26 -12.34 N | 66.75 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.77 6.17 0.00 N | 61.19 5.37 -2.17 N | 44.02 4.05 -0.10 N | 56.29 5.58 -0.14 N | 81.82 8.09 -2.33 N | 110.24 11.06 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.76 5.71 -4.24 N | 48.68 4.92 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.43 6.27 -5.98 N | 82.83 6.33 -24.48 N | 70.76 7.95 0.00 N | 70.12 7.80 0.00 N | 63.24 6.72 -2.73 N | 59.73 3.21 -29.02 N | 54.38 5.16 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 76.24 5.32 -12.34 N | 66.82 5.41 0.00 N | 57.26 3.01 -18.98 N | 43.55 3.41 0.00 N | 34.28 2.73 0.00 N | 73.84 6.23 0.00 N | 61.24 5.42 -2.17 N | 44.06 4.10 -0.10 N | 56.31 5.60 -0.14 N | 81.83 8.11 -2.33 N | 110.27 11.08 -2.69 N | 87.76 7.74 -11.54 N | 66.71 6.88 -0.15 N | 60.83 5.77 -4.24 N | 48.74 4.98 0.00 N | 33.66 3.49 0.00 N | 38.56 3.12 -8.96 N | 64.51 6.35 -5.98 N | 82.90 6.40 -24.48 N | 70.86 8.04 0.00 N | 70.21 7.90 0.00 N | 63.31 6.80 -2.73 N | 59.77 3.25 -29.02 N | 54.44 5.22 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 76.24 5.32 -12.34 N | 66.82 5.41 0.00 N | 57.26 3.01 -18.98 N | 43.55 3.41 0.00 N | 34.28 2.73 0.00 N | 73.84 6.23 0.00 N | 61.24 5.42 -2.17 N | 44.06 4.10 -0.10 N | 56.31 5.60 -0.14 N | 81.83 8.11 -2.33 N | 110.27 11.08 -2.69 N | 87.76 7.74 -11.54 N | 66.71 6.88 -0.15 N | 60.83 5.77 -4.24 N | 48.74 4.98 0.00 N | 33.66 3.49 0.00 N | 38.56 3.12 -8.96 N | 64.51 6.35 -5.98 N | 82.90 6.40 -24.48 N | 70.86 8.04 0.00 N | 70.21 7.90 0.00 N | 63.31 6.80 -2.73 N | 59.77 3.25 -29.02 N | 54.44 5.22 0.00 N |
| RAVENSWOOD_GT_1 23729 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N |
| RAVENSWOOD_GT_10 24258 | 76.18 5.25 -12.34 N | 66.74 5.33 0.00 N | 57.22 2.97 -18.98 N | 43.51 3.37 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.18 5.36 -2.17 N | 44.01 4.04 -0.10 N | 56.28 5.57 -0.14 N | 81.80 8.08 -2.33 N | 110.23 11.04 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.75 5.69 -4.24 N | 48.67 4.92 0.00 N | 33.61 3.44 0.00 N | 38.52 3.08 -8.96 N | 64.42 6.26 -5.98 N | 82.83 6.32 -24.48 N | 70.76 7.94 0.00 N | 70.11 7.79 0.00 N | 63.22 6.71 -2.73 N | 59.74 3.22 -29.02 N | 54.37 5.15 0.00 N |
| RAVENSWOOD_GT_11 24259 | 76.18 5.25 -12.34 N | 66.74 5.33 0.00 N | 57.22 2.97 -18.98 N | 43.51 3.37 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.18 5.36 -2.17 N | 44.01 4.04 -0.10 N | 56.28 5.57 -0.14 N | 81.80 8.08 -2.33 N | 110.23 11.04 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.75 5.69 -4.24 N | 48.67 4.92 0.00 N | 33.61 3.44 0.00 N | 38.52 3.08 -8.96 N | 64.42 6.26 -5.98 N | 82.83 6.32 -24.48 N | 70.76 7.94 0.00 N | 70.11 7.79 0.00 N | 63.22 6.71 -2.73 N | 59.74 3.22 -29.02 N | 54.37 5.15 0.00 N |
| RAVENSWOOD_GT_4 24252 | 76.12 5.19 -12.33 N | 66.69 5.28 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.71 6.11 0.00 N | 61.13 5.31 -2.17 N | 43.98 4.01 -0.10 N | 56.23 5.53 -0.14 N | 81.73 8.01 -2.33 N | 110.15 10.96 -2.69 N | 87.63 7.61 -11.54 N | 66.60 6.76 -0.15 N | 60.70 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.49 3.05 -8.96 N | 64.38 6.22 -5.98 N | 82.78 6.28 -24.48 N | 70.72 7.90 0.00 N | 70.05 7.74 0.00 N | 63.17 6.66 -2.73 N | 59.70 3.19 -29.02 N | 54.33 5.11 0.00 N |
| RAVENSWOOD_GT_5 24254 | 76.12 5.19 -12.33 N | 66.69 5.28 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.71 6.11 0.00 N | 61.13 5.31 -2.17 N | 43.98 4.01 -0.10 N | 56.23 5.53 -0.14 N | 81.73 8.01 -2.33 N | 110.15 10.96 -2.69 N | 87.63 7.61 -11.54 N | 66.60 6.76 -0.15 N | 60.70 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.49 3.05 -8.96 N | 64.38 6.22 -5.98 N | 82.78 6.28 -24.48 N | 70.72 7.90 0.00 N | 70.05 7.74 0.00 N | 63.17 6.66 -2.73 N | 59.70 3.19 -29.02 N | 54.33 5.11 0.00 N |
| RAVENSWOOD_GT_6 24253 | 76.12 5.19 -12.33 N | 66.69 5.28 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.71 6.11 0.00 N | 61.13 5.31 -2.17 N | 43.98 4.01 -0.10 N | 56.23 5.53 -0.14 N | 81.73 8.01 -2.33 N | 110.15 10.96 -2.69 N | 87.63 7.61 -11.54 N | 66.60 6.76 -0.15 N | 60.70 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.49 3.05 -8.96 N | 64.38 6.22 -5.98 N | 82.78 6.28 -24.48 N | 70.72 7.90 0.00 N | 70.05 7.74 0.00 N | 63.17 6.66 -2.73 N | 59.70 3.19 -29.02 N | 54.33 5.11 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 |
| RAVENSWOOD_GT_7 24255 | 76.12 5.19 -12.33 N | 66.69 5.28 0.00 N | 57.19 2.95 -18.98 N | 43.48 3.34 0.00 N | 34.23 2.67 0.00 N | 73.71 6.11 0.00 N | 61.13 5.31 -2.17 N | 43.98 4.01 -0.10 N | 56.23 5.53 -0.14 N | 81.73 8.01 -2.33 N | 110.15 10.96 -2.69 N | 87.63 7.61 -11.54 N | 66.60 6.76 -0.15 N | 60.70 5.65 -4.24 N | 48.63 4.87 0.00 N | 33.59 3.42 0.00 N | 38.49 3.05 -8.96 N | 64.38 6.22 -5.98 N | 82.78 6.28 -24.48 N | 70.72 7.90 0.00 N | 70.05 7.74 0.00 N | 63.17 6.66 -2.73 N | 59.70 3.19 -29.02 N | 54.33 5.11 0.00 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 76.18 5.25 -12.34 N | 66.74 5.33 0.00 N | 57.22 2.97 -18.98 N | 43.51 3.37 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.18 5.36 -2.17 N | 44.01 4.04 -0.10 N | 56.28 5.57 -0.14 N | 81.80 8.08 -2.33 N | 110.23 11.04 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.75 5.69 -4.24 N | 48.67 4.92 0.00 N | 33.61 3.44 0.00 N | 38.52 3.08 -8.96 N | 64.42 6.26 -5.98 N | 82.83 6.32 -24.48 N | 70.76 7.94 0.00 N | 70.11 7.79 0.00 N | 63.22 6.71 -2.73 N | 59.74 3.22 -29.02 N | 54.37 5.15 0.00 N | |
| RAVENSWOOD_GT_9 24257 | 76.18 5.25 -12.34 N | 66.74 5.33 0.00 N | 57.22 2.97 -18.98 N | 43.51 3.37 0.00 N | 34.25 2.70 0.00 N | 73.77 6.16 0.00 N | 61.18 5.36 -2.17 N | 44.01 4.04 -0.10 N | 56.28 5.57 -0.14 N | 81.80 8.08 -2.33 N | 110.23 11.04 -2.69 N | 87.70 7.68 -11.54 N | 66.65 6.81 -0.15 N | 60.75 5.69 -4.24 N | 48.67 4.92 0.00 N | 33.61 3.44 0.00 N | 38.52 3.08 -8.96 N | 64.42 6.26 -5.98 N | 82.83 6.32 -24.48 N | 70.76 7.94 0.00 N | 70.11 7.79 0.00 N | 63.22 6.71 -2.73 N | 59.74 3.22 -29.02 N | 54.37 5.15 0.00 N | |
| RAVENSWOOD___1 23533 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N | |
| RAVENSWOOD___2 23534 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N | |
| RAVENSWOOD___3 23535 | 76.19 5.26 -12.34 N | 66.76 5.35 0.00 N | 57.22 2.97 -18.98 N | 43.52 3.38 0.00 N | 34.25 2.70 0.00 N | 73.77 6.17 0.00 N | 61.19 5.38 -2.17 N | 44.02 4.06 -0.10 N | 56.29 5.58 -0.14 N | 81.83 8.10 -2.33 N | 110.24 11.06 -2.69 N | 87.70 7.68 -11.54 N | 66.66 6.82 -0.15 N | 60.76 5.71 -4.24 N | 48.68 4.92 0.00 N | 33.62 3.45 0.00 N | 38.53 3.09 -8.96 N | 64.43 6.27 -5.98 N | 82.83 6.33 -24.48 N | 70.77 7.95 0.00 N | 70.12 7.80 0.00 N | 63.24 6.72 -2.73 N | 59.73 3.21 -29.02 N | 54.38 5.16 0.00 N | |
| RAVENSWOOD___4 23820 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N | |
| RCPL_TRUST___DRP 24196 | 76.23 5.31 -12.33 N | 66.82 5.41 0.00 N | 57.26 3.01 -18.98 N | 43.56 3.42 0.00 N | 34.29 2.73 0.00 N | 73.85 6.25 0.00 N | 61.25 5.43 -2.17 N | 44.07 4.11 -0.10 N | 56.34 5.64 -0.14 N | 81.92 8.20 -2.33 N | 110.37 11.19 -2.69 N | 87.78 7.76 -11.54 N | 66.72 6.88 -0.15 N | 60.83 5.78 -4.24 N | 48.74 4.98 0.00 N | 33.65 3.48 0.00 N | 38.55 3.12 -8.96 N | 64.52 6.36 -5.98 N | 82.89 6.39 -24.48 N | 70.85 8.04 0.00 N | 70.19 7.87 0.00 N | 63.29 6.78 -2.73 N | 59.76 3.24 -29.02 N | 54.43 5.21 0.00 N | |
| RENSSELAER___COGEN 23796 | 77.64 3.33 -15.72 N | 64.85 3.45 0.00 N | 61.48 2.03 -24.19 N | 42.28 2.14 0.00 N | 33.33 1.78 0.00 N | 71.81 4.21 0.00 N | 59.94 3.53 -2.77 N | 42.59 2.60 -0.12 N | 53.84 3.10 -0.18 N | 78.64 4.27 -2.98 N | 105.72 5.80 -3.42 N | 87.30 4.12 -14.71 N | 63.53 3.65 -0.20 N | 59.42 3.20 -5.41 N | 46.51 2.75 0.00 N | 31.93 1.76 -0.01 N | 39.43 1.54 -11.42 N | 62.79 2.99 -7.62 N | 86.16 2.95 -31.20 N | 66.43 3.61 0.00 N | 65.92 3.60 0.00 N | 60.45 3.19 -3.48 N | 66.07 1.60 -36.98 N | 52.05 2.83 0.00 N | |
| REVERE_CPPR_DRP 24186 | 60.85 2.26 0.00 N | 63.78 2.38 0.00 N | 36.62 1.36 0.00 N | 41.71 1.57 0.00 N | 32.81 1.25 0.00 N | 70.17 2.57 0.00 N | 55.84 2.20 0.00 N | 41.61 1.74 0.00 N | 52.91 2.35 0.00 N | 74.50 3.12 0.00 N | 100.79 4.29 0.00 N | 71.42 2.94 0.00 N | 62.21 2.52 0.00 N | 52.85 2.04 0.00 N | 45.56 1.80 0.00 N | 31.39 1.22 0.00 N | 27.61 1.13 0.00 N | 54.68 2.50 0.00 N | 54.51 2.49 0.00 N | 65.92 3.11 0.00 N | 65.07 2.75 0.00 N | 55.87 2.09 0.00 N | 28.41 0.91 0.00 N | 51.07 1.84 0.00 N | |
| RIVERBAY____ 323610 | 77.14 6.21 -12.34 N | 67.72 6.31 0.00 N | 57.73 3.49 -18.98 N | 44.09 3.95 0.00 N | 34.69 3.14 0.00 N | 74.72 7.12 0.00 N | 61.94 6.12 -2.17 N | 44.59 4.63 -0.10 N | 57.10 6.39 -0.14 N | 82.87 9.15 -2.34 N | 111.84 12.65 -2.69 N | 88.91 8.89 -11.54 N | 67.66 7.82 -0.15 N | 61.63 6.57 -4.24 N | 49.41 5.65 0.00 N | 34.13 3.96 0.00 N | 38.99 3.56 -8.96 N | 65.44 7.28 -5.98 N | 83.82 7.32 -24.48 N | 72.03 9.21 0.00 N | 71.41 9.08 0.00 N | 64.25 7.73 -2.73 N | 60.29 3.77 -29.02 N | 55.18 5.97 0.00 N | |
| ROCHESTER_9_IC 23652 | 57.48 -2.47 -1.36 N | 58.88 -2.53 0.00 N | 35.93 -1.43 -2.09 N | 38.63 -1.51 0.00 N | 30.41 -1.15 0.00 N | 64.99 -2.61 0.00 N | 51.75 -2.13 -0.24 N | 37.93 -1.95 -0.01 N | 47.94 -2.64 -0.02 N | 67.72 -3.93 -0.26 N | 91.59 -5.21 -0.30 N | 66.14 -3.61 -1.27 N | 56.80 -2.90 -0.02 N | 48.68 -2.60 -0.47 N | 41.55 -2.21 0.00 N | 28.66 -1.50 0.00 N | 26.04 -1.43 -0.99 N | 50.48 -2.37 -0.66 N | 52.39 -2.35 -2.72 N | 60.11 -2.70 0.00 N | 59.49 -2.83 0.00 N | 51.44 -2.64 -0.30 N | 29.85 -0.87 -3.22 N | 47.68 -1.54 0.00 N | |
| ROSETON___1 23587 | 75.07 4.16 -12.32 N | 65.65 4.25 0.00 N | 56.64 2.42 -18.96 N | 42.83 2.69 0.00 N | 33.75 2.19 0.00 N | 72.61 5.01 0.00 N | 60.15 4.33 -2.17 N | 43.22 3.26 -0.10 N | 55.13 4.42 -0.14 N | 80.07 6.35 -2.33 N | 107.88 8.70 -2.68 N | 86.08 6.08 -11.53 N | 65.19 5.35 -0.15 N | 59.56 4.51 -4.24 N | 47.64 3.88 0.00 N | 32.90 2.73 0.00 N | 37.87 2.45 -8.95 N | 63.12 4.97 -5.97 N | 81.52 5.05 -24.45 N | 69.14 6.33 0.00 N | 68.52 6.20 0.00 N | 61.87 5.36 -2.73 N | 59.03 2.55 -28.98 N | 53.36 4.14 0.00 N | |
| ROSETON___2 | 75.07 | 65.65 | 56.64 | 42.83 | 33.75 | 72.61 | 60.15 | 43.22 | 55.13 | 80.07 | 107.88 | 86.08 | 65.19 | 59.56 | 47.64 | 32.90 | 37.87 | 63.12 | 81.52 | 69.14 | 68.52 | 61.87 | 59.03 | 53.36 | |

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| 23588 | 4.16 -12.32 N | 4.25 0.00 N | 2.42 -18.96 N | 2.69 0.00 N | 2.19 0.00 N | 5.01 0.00 N | 4.33 -2.17 N | 3.26 -0.10 N | 4.42 -0.14 N | 6.35 -2.33 N | 8.70 -2.68 N | 6.08 -11.53 N | 5.35 -0.15 N | 4.51 -4.24 N | 3.88 0.00 N | 2.73 0.00 N | 2.45 -8.95 N | 4.97 -5.97 N | 5.05 -24.45 N | 6.33 0.00 N | 6.20 0.00 N | 5.36 -2.73 N | 2.55 -28.98 N | 4.14 0.00 N |
| RUSSELL___1 23602 | 59.01 -0.93 -1.35 N | 60.42 -0.99 0.00 N | 36.76 -0.58 -2.08 N | 39.63 -0.51 0.00 N | 31.24 -0.31 0.00 N | 66.87 -0.73 0.00 N | 53.31 -0.57 -0.24 N | 39.15 -0.72 -0.01 N | 49.58 -0.99 -0.02 N | 70.15 -1.49 -0.25 N | 95.01 -1.78 -0.29 N | 68.49 -1.26 -1.26 N | 58.84 -0.86 -0.02 N | 50.40 -0.87 -0.46 N | 43.05 -0.71 0.00 N | 29.74 -0.42 0.00 N | 27.04 -0.43 -0.66 N | 52.74 -0.11 -0.66 N | 54.50 -0.21 -2.69 N | 62.68 -0.14 0.00 N | 61.85 -0.47 0.00 N | 53.31 -0.78 -0.30 N | 30.67 -0.02 -3.19 N | 49.11 -0.12 0.00 N |
| RUSSELL___2 23532 | 59.01 -0.93 -1.35 N | 60.42 -0.99 0.00 N | 36.76 -0.58 -2.08 N | 39.63 -0.51 0.00 N | 31.24 -0.31 0.00 N | 66.87 -0.73 0.00 N | 53.31 -0.57 -0.24 N | 39.15 -0.72 -0.01 N | 49.58 -0.99 -0.02 N | 70.15 -1.49 -0.25 N | 95.01 -1.78 -0.29 N | 68.49 -1.26 -1.26 N | 58.84 -0.86 -0.02 N | 50.40 -0.87 -0.46 N | 43.05 -0.71 0.00 N | 29.74 -0.42 0.00 N | 27.04 -0.43 -0.66 N | 52.74 -0.11 -0.66 N | 54.50 -0.21 -2.69 N | 62.68 -0.14 0.00 N | 61.85 -0.47 0.00 N | 53.31 -0.78 -0.30 N | 30.67 -0.02 -3.19 N | 49.11 -0.12 0.00 N |
| RUSSELL___3 23549 | 57.73 -2.22 -1.36 N | 59.11 -2.29 0.00 N | 36.04 -1.31 -2.09 N | 38.77 -1.37 0.00 N | 30.55 -1.01 0.00 N | 65.28 -2.32 0.00 N | 52.01 -1.87 -0.24 N | 38.14 -1.74 -0.01 N | 48.23 -2.35 -0.02 N | 68.27 -3.37 -0.26 N | 92.39 -4.41 -0.30 N | 66.67 -3.07 -1.27 N | 57.27 -2.43 -0.02 N | 49.09 -2.19 -0.47 N | 41.92 -1.84 0.00 N | 28.93 -1.23 0.00 N | 26.30 -1.17 -0.99 N | 51.05 -1.80 -0.66 N | 52.83 -1.90 -2.71 N | 60.64 -2.17 0.00 N | 59.95 -2.37 0.00 N | 51.79 -2.29 -0.30 N | 30.01 -0.71 -3.22 N | 47.92 -1.31 0.00 N |
| RUSSELL___4 23556 | 58.99 -0.95 -1.35 N | 60.38 -1.03 0.00 N | 36.74 -0.60 -2.08 N | 39.61 -0.53 0.00 N | 31.23 -0.33 0.00 N | 66.83 -0.78 0.00 N | 53.26 -0.62 -0.24 N | 39.13 -0.74 -0.01 N | 49.55 -1.02 -0.02 N | 70.12 -1.52 -0.25 N | 94.95 -1.84 -0.29 N | 68.44 -1.30 -1.26 N | 58.81 -0.89 -0.02 N | 50.37 -0.91 -0.46 N | 43.03 -0.73 0.00 N | 29.72 -0.44 0.00 N | 27.03 -0.44 -0.66 N | 52.69 -0.14 -0.66 N | 54.45 -0.26 -2.69 N | 62.64 -0.18 0.00 N | 61.80 -0.52 0.00 N | 53.27 -0.82 -0.30 N | 30.65 -0.04 -3.19 N | 49.08 -0.15 0.00 N |
| RUSSELL___STATION 23914 | 57.73 -2.22 -1.36 N | 59.11 -2.29 0.00 N | 36.04 -1.31 -2.09 N | 38.77 -1.37 0.00 N | 30.55 -1.01 0.00 N | 65.28 -2.32 0.00 N | 52.01 -1.87 -0.24 N | 38.14 -1.74 -0.01 N | 48.23 -2.35 -0.02 N | 68.27 -3.37 -0.26 N | 92.39 -4.41 -0.30 N | 66.67 -3.07 -1.27 N | 57.27 -2.43 -0.02 N | 49.09 -2.19 -0.47 N | 41.92 -1.84 0.00 N | 28.93 -1.23 0.00 N | 26.30 -1.17 -0.99 N | 51.05 -1.80 -0.66 N | 52.83 -1.90 -2.71 N | 60.64 -2.17 0.00 N | 59.95 -2.37 0.00 N | 51.79 -2.29 -0.30 N | 30.01 -0.71 -3.22 N | 47.92 -1.31 0.00 N |
| S SALMON___HYD 24043 | 59.94 0.59 -0.76 N | 61.93 0.52 0.00 N | 36.73 0.30 -1.17 N | 40.49 0.35 0.00 N | 31.80 0.25 0.00 N | 67.91 0.30 0.00 N | 54.09 0.31 -0.13 N | 40.12 0.25 -0.01 N | 50.98 0.41 -0.01 N | 71.88 0.34 -0.14 N | 97.19 0.53 -0.16 N | 69.47 0.29 -0.71 N | 59.95 0.26 -0.01 N | 51.22 0.14 -0.26 N | 43.93 0.17 0.00 N | 30.29 0.13 0.00 N | 27.14 0.11 -0.55 N | 52.89 0.34 -0.37 N | 53.79 0.27 -1.51 N | 63.14 0.33 0.00 N | 62.42 0.11 0.00 N | 53.85 -0.10 -0.17 N | 29.22 -0.06 -1.78 N | 49.37 0.15 0.00 N |
| SELKIRK___II 23799 | 76.92 2.64 -15.69 N | 64.11 2.70 0.00 N | 61.00 1.59 -24.15 N | 41.82 1.68 0.00 N | 32.96 1.40 0.00 N | 70.92 3.32 0.00 N | 59.25 2.84 -2.77 N | 42.09 2.10 -0.12 N | 53.32 2.57 -0.18 N | 77.80 3.44 -2.97 N | 104.44 4.53 -3.42 N | 86.37 3.21 -14.68 N | 62.71 2.83 -0.20 N | 58.69 2.48 -5.40 N | 45.90 2.14 0.00 N | 31.57 1.40 -0.01 N | 39.12 1.24 -11.40 N | 62.20 2.41 -7.60 N | 85.58 2.42 -31.14 N | 65.82 3.00 0.00 N | 65.30 2.99 0.00 N | 59.89 2.63 -3.48 N | 65.70 1.29 -36.92 N | 51.40 2.17 0.00 N |
| SELKIRK___I 23801 | 76.63 2.24 -15.79 N | 63.72 2.32 0.00 N | 60.91 1.35 -24.30 N | 41.59 1.45 0.00 N | 32.78 1.22 0.00 N | 70.54 2.93 0.00 N | 58.97 2.55 -2.78 N | 41.89 1.89 -0.12 N | 53.12 2.38 -0.18 N | 77.57 3.19 -2.99 N | 104.14 4.20 -3.44 N | 86.21 2.96 -14.78 N | 62.48 2.60 -0.20 N | 58.53 2.28 -5.43 N | 45.73 1.97 0.00 N | 31.47 1.30 -0.01 N | 39.12 1.17 -11.47 N | 62.14 2.31 -7.65 N | 85.65 2.29 -31.35 N | 65.69 2.88 0.00 N | 65.14 2.82 0.00 N | 59.73 2.45 -3.50 N | 65.83 1.18 -37.16 N | 51.29 2.06 0.00 N |
| SENECA OSWGO___HYD 24041 | 58.87 -0.63 -0.91 N | 60.63 -0.77 0.00 N | 36.24 -0.41 -1.39 N | 39.68 -0.46 0.00 N | 31.23 -0.33 0.00 N | 66.69 -0.91 0.00 N | 53.07 -0.73 -0.16 N | 39.35 -0.52 -0.01 N | 49.89 -0.68 -0.01 N | 70.46 -1.10 -0.17 N | 95.23 -1.47 -0.20 N | 68.25 -1.08 -0.85 N | 58.76 -0.93 -0.01 N | 50.25 -0.87 -0.31 N | 43.04 -0.72 0.00 N | 29.70 -0.47 0.00 N | 26.74 -0.40 -0.66 N | 51.91 -0.72 -0.44 N | 53.06 -0.75 -1.80 N | 61.95 -0.87 0.00 N | 61.31 -1.01 0.00 N | 53.04 -0.94 -0.20 N | 29.24 -0.38 -2.13 N | 48.71 -0.51 0.00 N |
| SENECA___ENERGY 23797 | 58.65 -1.37 -1.44 N | 59.99 -1.42 0.00 N | 36.77 -0.70 -2.21 N | 39.49 -0.65 0.00 N | 31.16 -0.40 0.00 N | 66.39 -1.22 0.00 N | 53.10 -0.79 -0.25 N | 39.30 -0.58 -0.01 N | 49.98 -0.60 -0.02 N | 70.36 -1.30 -0.27 N | 95.15 -1.66 -0.31 N | 68.57 -1.25 -1.34 N | 58.68 -1.02 -0.02 N | 50.21 -1.09 -0.49 N | 42.87 -0.89 0.00 N | 29.64 -0.52 0.00 N | 27.04 -0.49 -1.05 N | 52.28 -0.60 -0.70 N | 54.17 -0.71 -2.85 N | 62.24 -0.58 0.00 N | 61.40 -0.92 0.00 N | 53.16 -0.94 -0.32 N | 30.55 -0.32 -3.38 N | 48.66 -0.56 0.00 N |
| SHOEMAKER___GT 23640 | 74.12 4.19 -11.34 N | 65.72 4.31 0.00 N | 55.16 2.45 -17.45 N | 42.90 2.76 0.00 N | 33.78 2.22 0.00 N | 72.62 5.02 0.00 N | 59.97 4.33 -2.00 N | 43.24 3.28 -0.09 N | 55.16 4.47 -0.13 N | 79.77 6.23 -2.15 N | 107.47 8.50 -2.47 N | 85.03 5.94 -10.61 N | 65.01 5.18 -0.14 N | 59.07 4.35 -3.90 N | 47.49 3.73 0.00 N | 32.75 2.59 0.00 N | 37.05 2.34 -8.23 N | 62.55 4.88 -5.49 N | 79.46 4.94 -22.50 N | 69.11 6.29 0.00 N | 68.35 6.03 0.00 N | 61.49 5.19 -2.51 N | 56.64 2.48 -26.67 N | 53.37 4.15 0.00 N |
| SHOREHAM_IC_1 23715 | 75.86 4.94 -12.34 N | 66.27 4.87 0.00 N | 56.89 2.64 -18.98 N | 43.05 2.91 0.00 N | 33.96 2.41 0.00 N | 72.91 5.31 0.00 N | 60.65 4.83 -2.18 N | 43.76 3.80 -0.10 N | 56.09 5.39 -0.14 N | 138.94 8.08 -59.47 N | 167.37 10.68 -60.19 N | 118.39 7.49 -42.42 N | 117.88 6.57 -51.62 N | 121.99 5.54 -65.64 N | 112.69 4.72 -64.21 N | 112.46 3.33 -78.96 N | 122.21 3.04 -92.70 N | 110.31 6.23 -51.90 N | 101.90 6.34 -43.54 N | 148.08 7.93 -77.33 N | 121.29 7.86 -51.11 N | 113.73 6.47 -53.48 N | 63.50 3.15 -32.86 N | 54.01 4.79 0.00 N |
| SHOREHAM_IC_2 23716 | 75.86 4.94 -12.34 N | 66.27 4.87 0.00 N | 56.89 2.64 -18.98 N | 43.05 2.91 0.00 N | 33.96 2.41 0.00 N | 72.91 5.31 0.00 N | 60.65 4.83 -2.18 N | 43.76 3.80 -0.10 N | 56.09 5.39 -0.14 N | 138.94 8.08 -59.47 N | 167.37 10.68 -60.19 N | 118.39 7.49 -42.42 N | 117.88 6.57 -51.62 N | 121.99 5.54 -65.64 N | 112.69 4.72 -64.21 N | 112.46 3.33 -78.96 N | 122.21 3.04 -92.70 N | 110.31 6.23 -51.90 N | 101.90 6.34 -43.54 N | 148.08 7.93 -77.33 N | 121.29 7.86 -51.11 N | 113.73 6.47 -53.48 N | 63.50 3.15 -32.86 N | 54.01 4.79 0.00 N |

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| SISSONVILLE____ 23735 | 57.04 -1.55 0.00 N | 60.39 -1.02 0.00 N | 34.43 -0.83 0.00 N | 39.46 -0.67 0.00 N | 30.43 -1.13 0.00 N | 64.36 -3.24 0.00 N | 51.12 -2.52 0.00 N | 38.24 -1.62 0.00 N | 48.50 -2.06 0.00 N | 68.41 -2.98 0.00 N | 91.84 -4.65 0.00 N | 65.29 -3.19 0.00 N | 56.65 -3.03 0.00 N | 48.58 -2.23 0.00 N | 41.81 -1.95 0.00 N | 28.77 -1.39 0.00 N | 24.91 -1.57 0.00 N | 49.39 -2.79 0.00 N | 49.24 -2.78 0.00 N | 58.79 -4.02 0.00 N | 58.85 -3.47 0.00 N | 50.61 -3.17 0.00 N | 25.75 -1.75 0.00 N | 46.67 -2.55 0.00 N |
| SITHE_IND_GS1 24169 | 57.97 -1.38 -0.75 N | 59.88 -1.53 0.00 N | 35.59 -0.83 -1.16 N | 39.22 -0.92 0.00 N | 30.84 -0.72 0.00 N | 65.80 -1.80 0.00 N | 52.31 -1.46 -0.13 N | 38.79 -1.08 -0.01 N | 49.12 -1.45 -0.01 N | 69.31 -2.22 -0.14 N | 93.65 -3.02 -0.16 N | 67.01 -2.17 -0.70 N | 57.85 -1.84 -0.01 N | 49.45 -1.62 -0.26 N | 42.40 -1.36 0.00 N | 29.26 -0.90 0.00 N | 26.21 -0.81 -0.55 N | 50.95 -1.60 -0.36 N | 51.89 -1.63 -1.50 N | 60.87 -1.95 0.00 N | 60.31 -2.01 0.00 N | 52.20 -1.75 -0.17 N | 28.52 -0.75 -1.77 N | 48.11 -1.11 0.00 N |
| SITHE_IND_GS2 24170 | 57.97 -1.38 -0.75 N | 59.88 -1.53 0.00 N | 35.59 -0.83 -1.16 N | 39.22 -0.92 0.00 N | 30.84 -0.72 0.00 N | 65.80 -1.80 0.00 N | 52.31 -1.46 -0.13 N | 38.79 -1.08 -0.01 N | 49.12 -1.45 -0.01 N | 69.31 -2.22 -0.14 N | 93.65 -3.02 -0.16 N | 67.01 -2.17 -0.70 N | 57.85 -1.84 -0.01 N | 49.45 -1.62 -0.26 N | 42.40 -1.36 0.00 N | 29.26 -0.90 0.00 N | 26.21 -0.81 -0.55 N | 50.95 -1.60 -0.36 N | 51.89 -1.63 -1.50 N | 60.87 -1.95 0.00 N | 60.31 -2.01 0.00 N | 52.20 -1.75 -0.17 N | 28.52 -0.75 -1.77 N | 48.11 -1.11 0.00 N |
| SITHE_IND_GS3 24171 | 57.97 -1.38 -0.75 N | 59.88 -1.53 0.00 N | 35.59 -0.83 -1.16 N | 39.22 -0.92 0.00 N | 30.84 -0.72 0.00 N | 65.80 -1.80 0.00 N | 52.31 -1.46 -0.13 N | 38.79 -1.08 -0.01 N | 49.12 -1.45 -0.01 N | 69.31 -2.22 -0.14 N | 93.65 -3.02 -0.16 N | 67.01 -2.17 -0.70 N | 57.85 -1.84 -0.01 N | 49.45 -1.62 -0.26 N | 42.40 -1.36 0.00 N | 29.26 -0.90 0.00 N | 26.21 -0.81 -0.55 N | 50.95 -1.60 -0.36 N | 51.89 -1.63 -1.50 N | 60.87 -1.95 0.00 N | 60.31 -2.01 0.00 N | 52.20 -1.75 -0.17 N | 28.52 -0.75 -1.77 N | 48.11 -1.11 0.00 N |
| SITHE_IND_GS4 24172 | 57.97 -1.38 -0.75 N | 59.88 -1.53 0.00 N | 35.59 -0.83 -1.16 N | 39.22 -0.92 0.00 N | 30.84 -0.72 0.00 N | 65.80 -1.80 0.00 N | 52.31 -1.46 -0.13 N | 38.79 -1.08 -0.01 N | 49.12 -1.45 -0.01 N | 69.31 -2.22 -0.14 N | 93.65 -3.02 -0.16 N | 67.01 -2.17 -0.70 N | 57.85 -1.84 -0.01 N | 49.45 -1.62 -0.26 N | 42.40 -1.36 0.00 N | 29.26 -0.90 0.00 N | 26.21 -0.81 -0.55 N | 50.95 -1.60 -0.36 N | 51.89 -1.63 -1.50 N | 60.87 -1.95 0.00 N | 60.31 -2.01 0.00 N | 52.20 -1.75 -0.17 N | 28.52 -0.75 -1.77 N | 48.11 -1.11 0.00 N |
| SITHE____BATAVIA 24024 | 56.46 -3.73 -1.60 N | 57.66 -3.74 0.00 N | 35.60 -2.13 -2.46 N | 37.80 -2.34 0.00 N | 29.86 -1.69 0.00 N | 63.77 -3.83 0.00 N | 50.75 -3.18 -0.28 N | 36.85 -3.03 -0.01 N | 46.46 -4.12 -0.02 N | 65.58 -6.11 -0.30 N | 88.46 -8.39 -0.35 N | 64.15 -5.83 -1.50 N | 55.08 -4.62 -0.02 N | 47.34 -4.02 -0.55 N | 40.36 -3.40 0.00 N | 27.83 -2.34 0.00 N | 25.44 -2.22 -1.17 N | 49.13 -3.84 -0.78 N | 51.27 -3.95 -3.21 N | 58.35 -4.46 0.00 N | 57.72 -4.60 0.00 N | 50.05 -4.09 -0.36 N | 30.12 -1.18 -3.80 N | 46.97 -2.25 0.00 N |
| SITHE____INDEPEND 23800 | 57.97 -1.38 -0.75 N | 59.88 -1.53 0.00 N | 35.59 -0.83 -1.16 N | 39.22 -0.92 0.00 N | 30.84 -0.72 0.00 N | 65.80 -1.80 0.00 N | 52.31 -1.46 -0.13 N | 38.79 -1.08 -0.01 N | 49.12 -1.45 -0.01 N | 69.31 -2.22 -0.14 N | 93.65 -3.02 -0.16 N | 67.01 -2.17 -0.70 N | 57.85 -1.84 -0.01 N | 49.45 -1.62 -0.26 N | 42.40 -1.36 0.00 N | 29.26 -0.90 0.00 N | 26.21 -0.81 -0.55 N | 50.95 -1.60 -0.36 N | 51.89 -1.63 -1.50 N | 60.87 -1.95 0.00 N | 60.31 -2.01 0.00 N | 52.20 -1.75 -0.17 N | 28.52 -0.75 -1.77 N | 48.11 -1.11 0.00 N |
| SITHE____MASSENA 23902 | 56.92 -1.68 0.00 N | 60.12 -1.29 0.00 N | 34.33 -0.93 0.00 N | 39.28 -0.86 0.00 N | 30.51 -1.05 0.00 N | 65.20 -2.40 0.00 N | 51.71 -1.94 0.00 N | 38.49 -1.38 0.00 N | 48.75 -1.81 0.00 N | 68.66 -2.73 0.00 N | 92.36 -4.14 0.00 N | 65.70 -2.77 0.00 N | 57.14 -2.55 0.00 N | 48.88 -1.93 0.00 N | 42.07 -1.69 0.00 N | 28.96 -1.20 0.00 N | 25.28 -1.20 0.00 N | 49.80 -2.38 0.00 N | 49.63 -2.39 0.00 N | 59.69 -3.12 0.00 N | 59.38 -2.93 0.00 N | 51.24 -2.54 0.00 N | 26.13 -1.36 0.00 N | 47.13 -2.09 0.00 N |
| SITHE____OGDNSBRG 24021 | 57.63 -0.96 0.00 N | 60.96 -0.45 0.00 N | 34.76 -0.50 0.00 N | 39.85 -0.29 0.00 N | 30.82 -0.74 0.00 N | 65.74 -1.86 0.00 N | 52.21 -1.43 0.00 N | 38.95 -0.92 0.00 N | 49.40 -1.16 0.00 N | 69.46 -1.93 0.00 N | 93.40 -3.10 0.00 N | 66.41 -2.06 0.00 N | 57.72 -1.96 0.00 N | 49.45 -1.36 0.00 N | 42.52 -1.24 0.00 N | 29.26 -0.90 0.00 N | 25.51 -0.97 0.00 N | 50.45 -1.74 0.00 N | 50.28 -1.73 0.00 N | 60.36 -2.45 0.00 N | 60.04 -2.28 0.00 N | 51.68 -2.10 0.00 N | 26.27 -1.23 0.00 N | 47.49 -1.73 0.00 N |
| SITHE____STERLING 23777 | 60.46 1.63 -0.24 N | 63.07 1.67 0.00 N | 36.60 0.97 -0.36 N | 41.27 1.14 0.00 N | 32.49 0.94 0.00 N | 69.47 1.87 0.00 N | 55.30 1.62 -0.04 N | 41.16 1.29 0.00 N | 52.31 1.75 0.00 N | 73.72 2.28 -0.04 N | 99.71 3.16 -0.05 N | 70.85 2.15 -0.22 N | 61.55 1.86 0.00 N | 52.39 1.49 -0.08 N | 45.09 1.33 0.00 N | 31.08 0.92 0.00 N | 27.50 0.85 -0.17 N | 54.18 1.89 -0.12 N | 54.37 1.89 -0.47 N | 65.22 2.41 0.00 N | 64.39 2.08 0.00 N | 55.42 1.59 -0.05 N | 28.79 0.74 -0.56 N | 50.67 1.45 0.00 N |
| SOUTH CAIRO____GT 23612 | 77.65 5.47 -13.59 N | 67.02 5.62 0.00 N | 59.40 3.23 -20.91 N | 43.71 3.57 0.00 N | 34.45 2.90 0.00 N | 74.23 6.63 0.00 N | 61.63 5.59 -2.40 N | 44.20 4.23 -0.11 N | 56.24 5.52 -0.15 N | 81.96 7.99 -2.57 N | 110.33 10.87 -2.96 N | 88.84 7.65 -12.71 N | 66.53 6.67 -0.17 N | 61.16 5.67 -4.68 N | 48.62 4.86 0.00 N | 33.47 3.30 0.00 N | 39.28 2.94 -9.87 N | 64.86 6.09 -6.58 N | 85.10 6.12 -26.96 N | 70.29 7.48 0.00 N | 69.63 7.31 0.00 N | 63.03 6.24 -3.01 N | 62.46 3.01 -31.96 N | 54.15 4.93 0.00 N |
| SOUTH HAMPTN____IC 23720 | 76.89 5.96 -12.34 N | 67.28 5.87 0.00 N | 57.46 3.21 -18.98 N | 43.70 3.56 0.00 N | 34.48 2.92 0.00 N | 74.06 6.45 0.00 N | 61.59 5.78 -2.18 N | 44.48 4.51 -0.10 N | 57.07 6.37 -0.14 N | 140.60 9.74 -59.47 N | 169.66 12.97 -60.19 N | 119.96 9.08 -42.40 N | 119.20 7.93 -51.59 N | 123.09 6.66 -65.62 N | 113.65 5.68 -64.21 N | 113.10 3.98 -78.96 N | 122.78 3.64 -92.66 N | 111.57 7.52 -51.87 N | 103.21 7.70 -43.49 N | 149.67 9.53 -77.32 N | 122.88 9.45 -51.10 N | 115.02 7.78 -53.46 N | 64.08 3.73 -32.86 N | 54.86 5.64 0.00 N |
| SOUTHOLD____IC 23719 | 80.57 9.64 -12.34 N | 71.25 9.85 0.00 N | 59.70 5.46 -18.98 N | 46.36 6.22 0.00 N | 36.64 5.08 0.00 N | 78.71 11.11 0.00 N | 65.48 9.66 -2.18 N | 47.42 7.46 -0.10 N | 61.10 10.40 -0.14 N | 145.92 15.05 -59.47 N | 176.65 19.96 -60.19 N | 124.67 13.79 -42.40 N | 123.19 11.91 -51.59 N | 126.35 9.92 -65.62 N | 116.40 8.44 -64.21 N | 114.99 5.87 -78.96 N | 124.54 5.40 -92.66 N | 115.48 11.43 -51.87 N | 107.14 11.62 -43.50 N | 154.64 14.50 -77.33 N | 127.51 14.09 -51.10 N | 118.82 11.58 -53.46 N | 65.80 5.45 -32.86 N | 58.09 8.87 0.00 N |
| ST LAWRENCE____ 23600 | 56.55 -2.04 0.00 N | 59.51 -1.89 0.00 N | 34.07 -1.19 0.00 N | 38.90 -1.24 0.00 N | 30.42 -1.14 0.00 N | 65.08 -2.52 0.00 N | 51.46 -2.19 0.00 N | 38.26 -1.60 0.00 N | 48.47 -2.10 0.00 N | 68.29 -3.10 0.00 N | 92.07 -4.43 0.00 N | 65.45 -3.02 0.00 N | 56.96 -2.73 0.00 N | 48.63 -2.19 0.00 N | 41.83 -1.94 0.00 N | 28.81 -1.35 0.00 N | 25.23 -1.25 0.00 N | 49.64 -2.54 0.00 N | 49.46 -2.56 0.00 N | 59.56 -3.26 0.00 N | 59.23 -3.09 0.00 N | 51.17 -2.61 0.00 N | 26.12 -1.37 0.00 N | 47.04 -2.18 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 |
|----------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---|
| STATION 5_MISC_HYD 23604 | 59.72 -0.22 -1.35 N | 60.93 -0.48 0.00 N | 36.93 -0.40 -2.07 N | 39.80 -0.34 0.00 N | 31.53 -0.03 0.00 N | 67.76 0.15 0.00 N | 54.09 0.21 -0.24 N | 39.82 -0.05 -0.01 N | 50.40 -0.18 -0.02 N | 71.90 0.25 -0.25 N | 97.73 0.94 -0.29 N | 70.28 0.54 -1.26 N | 60.62 0.91 -0.02 N | 51.86 0.59 -0.46 N | 44.30 0.54 0.00 N | 30.61 0.45 0.00 N | 27.85 0.39 -0.98 N | 54.66 1.82 -0.66 N | 56.65 1.95 -2.69 N | 65.26 2.44 0.00 N | 64.51 2.19 0.00 N | 55.39 1.30 -0.30 N | 31.64 0.96 -3.18 N | 50.25 1.03 0.00 N | |
| STEEL___WIND 323596 | 55.97 -4.54 -1.92 N | 56.87 -4.54 0.00 N | 35.65 -2.57 -2.96 N | 37.49 -2.65 0.00 N | 29.54 -2.02 0.00 N | 62.94 -4.66 0.00 N | 50.24 -3.74 -0.34 N | 36.47 -3.41 -0.02 N | 46.06 -4.53 -0.02 N | 65.18 -6.57 -0.36 N | 87.80 -9.12 -0.42 N | 63.78 -6.49 -1.80 N | 54.49 -5.22 -0.02 N | 46.96 -4.51 -0.66 N | 39.97 -3.79 0.00 N | 27.51 -2.66 0.00 N | 25.36 -2.54 -1.42 N | 48.60 -4.53 -0.94 N | 51.24 -4.65 -3.87 N | 57.57 -5.24 0.00 N | 57.12 -5.20 0.00 N | 49.68 -4.54 -0.43 N | 30.72 -1.36 -4.58 N | 46.45 -2.77 0.00 N | |
| STURGEON_POOL_HYD 23609 | 76.74 5.91 -12.23 N | 67.49 6.08 0.00 N | 57.57 3.48 -18.83 N | 44.01 3.87 0.00 N | 34.68 3.13 0.00 N | 74.56 6.96 0.00 N | 61.75 5.96 -2.16 N | 44.55 4.59 -0.10 N | 56.97 6.27 -0.14 N | 82.60 8.90 -2.32 N | 111.45 12.29 -2.66 N | 88.53 8.60 -11.45 N | 67.37 7.53 -0.15 N | 61.33 6.31 -4.21 N | 49.19 5.43 0.00 N | 33.97 3.81 0.00 N | 38.80 3.44 -8.89 N | 65.19 7.07 -5.93 N | 83.45 7.15 -24.28 N | 71.91 9.10 0.00 N | 71.08 8.76 0.00 N | 63.98 7.49 -2.71 N | 59.89 3.61 -28.78 N | 55.12 5.90 0.00 N | |
| SYRACUSE___ENERGY_ST1 323597 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N | |
| SYRACUSE___ENERGY_ST2 323598 | 59.48 -0.24 -1.13 N | 61.09 -0.31 0.00 N | 36.87 -0.12 -1.74 N | 40.03 -0.10 0.00 N | 31.54 -0.02 0.00 N | 67.30 -0.29 0.00 N | 53.66 -0.18 -0.20 N | 39.78 -0.10 -0.01 N | 50.46 -0.12 -0.01 N | 71.20 -0.41 -0.21 N | 96.21 -0.54 -0.24 N | 69.08 -0.45 -1.06 N | 59.33 -0.36 -0.01 N | 50.80 -0.40 -0.39 N | 43.46 -0.30 0.00 N | 30.00 -0.16 0.00 N | 27.17 -0.13 -0.82 N | 52.63 -0.10 -0.55 N | 54.08 -0.17 -2.24 N | 62.70 -0.11 0.00 N | 62.00 -0.32 0.00 N | 53.67 -0.36 -0.25 N | 30.05 -0.10 -2.66 N | 49.19 -0.03 0.00 N | |
| SYRACUSE___POWER 24017 | 59.85 0.18 -1.08 N | 61.52 0.11 0.00 N | 37.02 0.09 -1.66 N | 40.28 0.14 0.00 N | 31.73 0.17 0.00 N | 67.74 0.13 0.00 N | 54.03 0.19 -0.19 N | 40.07 0.20 -0.01 N | 50.86 0.29 -0.01 N | 71.84 0.24 -0.20 N | 97.10 0.37 -0.23 N | 69.67 0.18 -1.01 N | 59.89 0.19 -0.01 N | 51.26 0.07 -0.37 N | 43.87 0.11 0.00 N | 30.28 0.11 0.00 N | 27.38 0.12 -0.79 N | 53.10 0.39 -0.53 N | 54.54 0.38 -2.15 N | 63.36 0.54 0.00 N | 62.64 0.33 0.00 N | 54.20 0.17 -0.24 N | 30.19 0.15 -2.55 N | 49.58 0.36 0.00 N | |
| Stony___Brook 24151 | 76.58 5.66 -12.34 N | 67.05 5.65 0.00 N | 57.35 3.11 -18.98 N | 43.57 3.43 0.00 N | 34.35 2.79 0.00 N | 73.72 6.12 0.00 N | 61.25 5.43 -2.18 N | 44.20 4.24 -0.10 N | 56.68 5.98 -0.14 N | 139.72 8.86 -59.47 N | 168.36 11.65 -60.21 N | 119.15 8.21 -42.46 N | 118.63 7.26 -51.68 N | 122.61 6.13 -65.67 N | 113.23 5.24 -64.23 N | 112.83 3.69 -78.97 N | 122.59 3.34 -92.77 N | 110.50 6.34 -51.97 N | 102.16 6.50 -43.63 N | 148.41 8.23 -77.36 N | 121.97 8.52 -51.12 N | 114.37 7.06 -53.52 N | 63.91 3.55 -32.87 N | 54.73 5.51 0.00 N | |
| UNION___PROCESSING_DRP 323587 | 56.96 -3.00 -1.37 N | 58.32 -3.09 0.00 N | 35.63 -1.74 -2.11 N | 38.27 -1.87 0.00 N | 30.15 -1.41 0.00 N | 64.40 -3.20 0.00 N | 51.29 -2.60 -0.24 N | 37.57 -2.31 -0.01 N | 47.47 -3.11 -0.02 N | 67.17 -4.48 -0.26 N | 90.84 -5.96 -0.30 N | 65.61 -4.16 -1.28 N | 56.32 -3.38 -0.02 N | 48.30 -2.98 -0.47 N | 41.24 -2.52 0.00 N | 28.45 -1.71 0.00 N | 25.85 -1.63 -1.00 N | 49.99 -2.86 -0.67 N | 51.80 -2.96 -2.74 N | 59.37 -3.45 0.00 N | 58.75 -3.57 0.00 N | 50.86 -3.23 -0.31 N | 29.62 -1.12 -3.24 N | 47.19 -2.03 0.00 N | |
| UPPER HUDSON___HYD 24058 | 80.77 5.89 -16.29 N | 67.66 6.26 0.00 N | 63.98 3.65 -25.07 N | 43.94 3.80 0.00 N | 34.67 3.12 0.00 N | 75.01 7.41 0.00 N | 61.96 5.45 -2.87 N | 43.55 3.56 -0.13 N | 55.46 4.71 -0.18 N | 81.09 6.61 -3.08 N | 109.72 9.68 -3.55 N | 90.09 6.36 -15.25 N | 65.50 5.61 -0.20 N | 60.50 4.08 -5.61 N | 47.35 3.59 0.00 N | 32.54 2.37 -0.01 N | 40.05 1.73 -11.83 N | 63.80 3.72 -7.90 N | 88.13 3.77 -32.34 N | 67.71 4.89 0.00 N | 67.63 5.31 0.00 N | 62.05 4.66 -3.61 N | 68.22 2.39 -38.33 N | 53.20 3.98 0.00 N | |
| UPPER RAQUET___HYD 24056 | 57.04 -1.55 0.00 N | 60.39 -1.02 0.00 N | 34.43 -0.83 0.00 N | 39.46 -0.67 0.00 N | 30.43 -1.13 0.00 N | 64.36 -3.24 0.00 N | 51.12 -2.52 0.00 N | 38.24 -1.62 0.00 N | 48.50 -2.06 0.00 N | 68.41 -2.98 0.00 N | 91.84 -4.65 0.00 N | 65.29 -3.19 0.00 N | 56.65 -3.03 0.00 N | 48.58 -2.23 0.00 N | 41.81 -1.95 0.00 N | 28.77 -1.39 0.00 N | 24.91 -1.57 0.00 N | 49.39 -2.79 0.00 N | 49.24 -2.78 0.00 N | 58.79 -4.02 0.00 N | 58.85 -3.47 0.00 N | 50.61 -3.17 0.00 N | 25.75 -1.75 0.00 N | 46.67 -2.55 0.00 N | |
| VISCHER___FERRY HYD 24020 | 78.78 4.37 -15.82 N | 66.00 4.59 0.00 N | 62.32 2.71 -24.35 N | 42.95 2.81 0.00 N | 33.88 2.32 0.00 N | 73.13 5.52 0.00 N | 60.95 4.52 -2.79 N | 43.27 3.28 -0.12 N | 54.81 4.07 -0.18 N | 80.03 5.65 -3.00 N | 107.81 7.86 -3.45 N | 88.86 5.58 -14.81 N | 64.76 4.88 -0.20 N | 60.46 4.20 -5.44 N | 47.42 3.67 0.00 N | 32.58 2.41 -0.01 N | 40.04 2.07 -11.49 N | 64.03 4.18 -7.67 N | 87.59 4.16 -31.41 N | 67.87 5.05 0.00 N | 67.36 5.04 0.00 N | 61.70 4.41 -3.51 N | 66.93 2.20 -37.23 N | 53.03 3.81 0.00 N | |
| WADING RIVER_IC_1 23522 | 75.80 4.87 -12.34 N | 66.20 4.80 0.00 N | 56.84 2.60 -18.98 N | 43.00 2.86 0.00 N | 33.93 2.37 0.00 N | 72.84 5.24 0.00 N | 60.59 4.78 -2.18 N | 43.71 3.75 -0.10 N | 56.03 5.33 -0.14 N | 138.83 7.97 -59.47 N | 167.23 10.55 -60.19 N | 118.26 7.39 -42.39 N | 117.75 6.49 -51.57 N | 121.88 5.46 -65.61 N | 112.63 4.67 -64.20 N | 112.41 3.29 -78.96 N | 122.13 3.01 -92.64 N | 110.16 6.13 -51.85 N | 101.76 6.27 -43.47 N | 147.99 7.85 -77.32 N | 121.21 7.80 -51.10 N | 113.62 6.39 -53.45 N | 63.45 3.10 -32.86 N | 53.95 4.73 0.00 N | |
| WADING RIVER_IC_2 23547 | 75.80 4.87 -12.34 N | 66.20 4.80 0.00 N | 56.84 2.60 -18.98 N | 43.00 2.86 0.00 N | 33.93 2.37 0.00 N | 72.84 5.24 0.00 N | 60.59 4.78 -2.18 N | 43.71 3.75 -0.10 N | 56.03 5.33 -0.14 N | 138.83 7.97 -59.47 N | 167.23 10.55 -60.19 N | 118.26 7.39 -42.39 N | 117.75 6.49 -51.57 N | 121.88 5.46 -65.61 N | 112.63 4.67 -64.20 N | 112.41 3.29 -78.96 N | 122.13 3.01 -92.64 N | 110.16 6.13 -51.85 N | 101.76 6.27 -43.47 N | 147.99 7.85 -77.32 N | 121.21 7.80 -51.10 N | 113.62 6.39 -53.45 N | 63.45 3.10 -32.86 N | 53.95 4.73 0.00 N | |
| WADING RIVER_IC_3 | 75.80 | 66.20 | 56.84 | 43.00 | 33.93 | 72.84 | 60.59 | 43.71 | 56.03 | 138.83 | 167.23 | 118.26 | 117.75 | 121.88 | 112.63 | 112.41 | 122.13 | 110.16 | 101.76 | 147.99 | 121.21 | 113.62 | 63.45 | 53.95 | |

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|----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 23601 | 4.87 -12.34 N | 4.80 0.00 N | 2.60 -18.98 N | 2.86 0.00 N | 2.37 0.00 N | 5.24 0.00 N | 4.78 -2.18 N | 3.75 -0.10 N | 5.33 -0.14 N | 7.97 -59.47 N | 10.55 -60.19 N | 7.39 -42.39 N | 6.49 -51.57 N | 5.46 -65.61 N | 4.67 -64.20 N | 3.29 -78.96 N | 3.01 -92.64 N | 6.13 -51.85 N | 6.27 -43.47 N | 7.85 -77.32 N | 7.80 -51.10 N | 6.39 -53.45 N | 3.10 -32.86 N | 4.73 0.00 N |
| WALDEN___HYDRO 24148 | 74.88 4.29 -12.01 N | 65.75 4.35 0.00 N | 56.21 2.47 -18.47 N | 42.93 2.79 0.00 N | 33.87 2.31 0.00 N | 72.68 5.08 0.00 N | 60.09 4.33 -2.12 N | 43.34 3.38 -0.09 N | 55.34 4.64 -0.14 N | 80.44 6.77 -2.27 N | 108.43 9.31 -2.61 N | 86.24 6.53 -11.23 N | 65.55 5.72 -0.15 N | 59.74 4.79 -4.13 N | 47.87 4.11 0.00 N | 33.09 2.92 0.00 N | 37.82 2.62 -8.72 N | 63.38 5.37 -5.82 N | 81.30 5.45 -23.83 N | 69.71 6.89 0.00 N | 69.11 6.79 0.00 N | 62.25 5.81 -2.66 N | 58.49 2.75 -28.24 N | 53.60 4.38 0.00 N |
| WARRENSBURG___ 23737 | 80.83 5.94 -16.29 N | 67.74 6.33 0.00 N | 64.03 3.69 -25.07 N | 43.99 3.85 0.00 N | 34.71 3.15 0.00 N | 75.11 7.50 0.00 N | 62.02 5.50 -2.87 N | 43.43 3.44 -0.13 N | 55.28 4.53 -0.18 N | 80.74 6.26 -3.08 N | 109.17 9.13 -3.55 N | 89.97 6.24 -15.25 N | 65.46 5.57 -0.20 N | 60.50 4.08 -5.61 N | 47.23 3.47 0.00 N | 32.40 2.23 -0.01 N | 39.86 1.54 -11.83 N | 63.40 3.32 -7.90 N | 87.77 3.41 -32.34 N | 67.29 4.48 0.00 N | 67.48 5.16 0.00 N | 61.98 4.59 -3.61 N | 68.25 2.43 -38.33 N | 53.30 4.08 0.00 N |
| WATERSIDE___6 8 9 23538 | 76.41 5.49 -12.34 N | 67.00 5.59 0.00 N | 57.35 3.10 -18.98 N | 43.66 3.52 0.00 N | 34.37 2.81 0.00 N | 74.02 6.42 0.00 N | 61.40 5.58 -2.17 N | 44.19 4.23 -0.10 N | 56.51 5.81 -0.14 N | 82.15 8.42 -2.34 N | 110.66 11.48 -2.69 N | 88.04 8.02 -11.54 N | 66.94 7.10 -0.15 N | 61.02 5.96 -4.24 N | 48.86 5.10 0.00 N | 33.76 3.59 0.00 N | 38.65 3.21 -8.96 N | 64.65 6.49 -5.98 N | 83.02 6.52 -24.48 N | 71.00 8.18 0.00 N | 70.38 8.06 0.00 N | 63.49 6.97 -2.73 N | 59.89 3.37 -29.02 N | 54.56 5.34 0.00 N |
| WDELAWARE___HYD 323627 | 73.75 4.72 -10.44 N | 66.28 4.88 0.00 N | 54.12 2.79 -16.07 N | 43.39 3.25 0.00 N | 34.18 2.62 0.00 N | 73.55 5.95 0.00 N | 60.61 5.13 -1.84 N | 43.82 3.87 -0.08 N | 55.93 5.25 -0.12 N | 80.54 7.18 -1.98 N | 108.35 9.58 -2.27 N | 84.76 6.51 -9.77 N | 65.52 5.71 -0.13 N | 59.18 4.77 -3.59 N | 47.88 4.13 0.00 N | 33.07 2.90 0.00 N | 36.72 2.65 -7.58 N | 62.85 5.61 -5.06 N | 78.30 5.56 -20.72 N | 69.79 6.98 0.00 N | 68.83 6.52 0.00 N | 61.58 5.49 -2.31 N | 54.69 2.63 -24.56 N | 53.82 4.59 0.00 N |
| WEST BABYLON___IC 23714 | 77.30 6.37 -12.34 N | 67.77 6.36 0.00 N | 57.74 3.50 -18.98 N | 44.03 3.89 0.00 N | 34.70 3.14 0.00 N | 74.50 6.90 0.00 N | 61.85 6.04 -2.18 N | 44.65 4.68 -0.10 N | 57.27 6.56 -0.14 N | 140.48 9.62 -59.47 N | 170.25 12.98 -60.77 N | 122.19 9.12 -44.59 N | 123.03 8.04 -55.31 N | 125.30 6.78 -67.72 N | 114.62 5.80 -65.06 N | 113.67 3.99 -79.51 N | 126.90 3.56 -96.87 N | 115.43 7.28 -55.96 N | 108.28 7.41 -48.85 N | 150.70 9.33 -78.56 N | 123.36 9.15 -51.89 N | 117.14 7.76 -55.59 N | 64.62 3.93 -33.20 N | 55.42 6.19 0.00 N |
| WEST CANADA___HYD 24049 | 59.06 0.91 0.44 N | 62.31 0.91 0.00 N | 35.12 0.53 0.67 N | 40.74 0.60 0.00 N | 32.03 0.48 0.00 N | 68.68 1.08 0.00 N | 54.48 0.91 0.08 N | 40.54 0.68 0.00 N | 51.42 0.86 0.00 N | 72.53 1.22 0.08 N | 98.12 1.71 0.09 N | 69.24 1.17 0.41 N | 60.69 1.02 0.00 N | 51.53 0.86 0.15 N | 44.50 0.74 0.00 N | 30.66 0.49 0.00 N | 26.59 0.43 0.32 N | 52.86 0.89 0.21 N | 52.03 0.88 0.87 N | 63.91 1.09 0.00 N | 63.32 1.00 0.00 N | 54.54 0.85 0.10 N | 26.88 0.41 1.03 N | 49.95 0.73 0.00 N |
| WESTERN_NY_WIND 24143 | 56.43 -3.79 -1.62 N | 57.61 -3.79 0.00 N | 35.60 -2.16 -2.50 N | 37.76 -2.38 0.00 N | 29.83 -1.73 0.00 N | 63.71 -3.89 0.00 N | 50.70 -3.23 -0.29 N | 36.79 -3.09 -0.01 N | 46.40 -4.18 -0.02 N | 65.47 -6.23 -0.31 N | 88.30 -8.56 -0.35 N | 64.08 -5.92 -1.52 N | 55.00 -4.71 -0.02 N | 47.29 -4.08 -0.56 N | 40.31 -3.45 0.00 N | 27.79 -2.37 0.00 N | 25.41 -2.26 -1.19 N | 49.06 -3.92 -0.79 N | 51.23 -4.04 -3.25 N | 58.25 -4.56 0.00 N | 57.65 -4.67 0.00 N | 49.97 -4.18 -0.36 N | 30.15 -1.20 -3.86 N | 46.93 -2.29 0.00 N |
| WETHRSFD_WT_PWR 323626 | 57.42 -3.26 -2.09 N | 58.17 -3.24 0.00 N | 36.66 -1.81 -3.21 N | 38.36 -1.78 0.00 N | 30.22 -1.34 0.00 N | 64.43 -3.17 0.00 N | 51.59 -2.42 -0.37 N | 37.64 -2.24 -0.02 N | 47.72 -2.87 -0.02 N | 67.58 -4.21 -0.39 N | 91.09 -5.86 -0.45 N | 66.17 -4.26 -1.95 N | 56.35 -3.36 -0.03 N | 48.52 -3.01 -0.72 N | 41.22 -2.54 0.00 N | 28.32 -1.85 0.00 N | 26.18 -1.83 -1.53 N | 50.16 -3.04 -1.02 N | 53.02 -3.17 -4.17 N | 59.41 -3.40 0.00 N | 58.88 -3.44 0.00 N | 51.22 -3.02 -0.46 N | 31.69 -0.75 -4.94 N | 47.44 -1.78 0.00 N |
| YORK___WARBASSE 23770 | 76.66 5.73 -12.34 N | 67.23 5.82 0.00 N | 57.46 3.21 -18.98 N | 43.80 3.66 0.00 N | 34.47 2.91 0.00 N | 74.25 6.65 0.00 N | 61.58 5.77 -2.17 N | 44.33 4.37 -0.10 N | 56.70 5.99 -0.14 N | 82.41 8.69 -2.34 N | 111.03 11.84 -2.69 N | 88.27 8.25 -11.54 N | 67.12 7.29 -0.15 N | 61.19 6.13 -4.24 N | 49.01 5.25 0.00 N | 33.85 3.68 0.00 N | 38.72 3.28 -8.96 N | 64.79 6.63 -5.98 N | 83.13 6.63 -24.48 N | 71.10 8.28 0.00 N | 70.53 8.22 0.00 N | 63.63 7.12 -2.73 N | 59.93 3.41 -29.02 N | 54.62 5.39 0.00 N |