

Time Weighted/Integrated Real Time LBMP- Generator

| Generator Data | | 07/29/2006 | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|--------|--------|--------|-------|--------|--------|
| 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 | 51.39 | 50.38 | 51.23 | 48.28 | 39.84 | 46.44 | 46.84 | 49.95 | 56.53 | 57.80 | 74.49 | 86.41 | 86.70 | 87.23 | 85.29 | 89.08 | 86.32 | 153.16 | 101.14 | 112.43 | 116.77 | 85.30 | 98.08 | 101.08 |
| | | 3.71 | 3.46 | 3.64 | 3.29 | 2.68 | 3.12 | 3.13 | 3.55 | 4.28 | 5.12 | 6.72 | 7.48 | 7.71 | 8.23 | 8.11 | 7.23 | 7.06 | 4.14 | 4.39 | 4.79 | 3.25 | 7.13 | 6.15 | 3.32 |
| | | 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 | -13.63 | -13.03 | -104.31 | -50.05 | -57.03 | -76.79 | -5.05 | -32.04 | -59.17 |
| | | 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 | 51.43 | 50.41 | 51.27 | 48.32 | 39.86 | 46.46 | 46.86 | 49.97 | 56.55 | 57.83 | 74.47 | 86.33 | 86.62 | 87.15 | 85.20 | 89.00 | 86.22 | 153.08 | 101.06 | 112.35 | 116.71 | 85.21 | 98.03 | 101.08 |
| | | 3.76 | 3.50 | 3.67 | 3.33 | 2.71 | 3.15 | 3.15 | 3.57 | 4.30 | 5.15 | 6.71 | 7.41 | 7.63 | 8.15 | 8.01 | 7.14 | 6.96 | 4.06 | 4.31 | 4.72 | 3.19 | 7.05 | 6.10 | 3.31 |
| | | 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 | -13.63 | -13.03 | -104.31 | -50.05 | -57.03 | -76.79 | -5.05 | -32.04 | -59.17 |
| | | 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 | 51.43 | 50.41 | 51.27 | 48.32 | 39.86 | 46.46 | 46.86 | 49.97 | 56.55 | 57.83 | 74.47 | 86.33 | 86.62 | 87.15 | 85.20 | 89.00 | 86.22 | 153.08 | 101.06 | 112.35 | 116.71 | 85.21 | 98.03 | 101.08 |
| | | 3.76 | 3.50 | 3.67 | 3.33 | 2.71 | 3.15 | 3.15 | 3.57 | 4.30 | 5.15 | 6.71 | 7.41 | 7.63 | 8.15 | 8.01 | 7.14 | 6.96 | 4.06 | 4.31 | 4.72 | 3.19 | 7.05 | 6.10 | 3.31 |
| | | 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 | -13.63 | -13.03 | -104.31 | -50.05 | -57.03 | -76.79 | -5.05 | -32.04 | -59.17 |
| | | 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 | 49.24 | 48.61 | 49.19 | 46.39 | 38.13 | 44.70 | 44.92 | 48.07 | 54.36 | 55.81 | 72.19 | 83.45 | 83.21 | 83.50 | 81.67 | 73.24 | 71.10 | 49.96 | 51.13 | 55.41 | 38.82 | 77.33 | 63.51 | 40.26 |
| | | 1.56 | 1.70 | 1.60 | 1.40 | 0.97 | 1.38 | 1.21 | 1.67 | 2.11 | 3.13 | 4.42 | 4.52 | 4.22 | 4.50 | 4.49 | 3.96 | 3.98 | 2.55 | 3.11 | 3.31 | 1.99 | 4.21 | 3.57 | 1.67 |
| | | 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 | -1.07 | -0.90 | -2.70 | -1.31 | -1.49 | -0.09 | 0.00 | -0.05 | 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 | 49.24 | 48.61 | 49.19 | 46.39 | 38.13 | 44.70 | 44.92 | 48.07 | 54.36 | 55.81 | 72.19 | 83.45 | 83.21 | 83.50 | 81.67 | 73.24 | 71.10 | 49.96 | 51.13 | 55.41 | 38.82 | 77.33 | 63.51 | 40.26 |
| | | 1.56 | 1.70 | 1.60 | 1.40 | 0.97 | 1.38 | 1.21 | 1.67 | 2.11 | 3.13 | 4.42 | 4.52 | 4.22 | 4.50 | 4.49 | 3.96 | 3.98 | 2.55 | 3.11 | 3.31 | 1.99 | 4.21 | 3.57 | 1.67 |
| | | 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 | -1.07 | -0.90 | -2.70 | -1.31 | -1.49 | -0.09 | 0.00 | -0.05 | 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 | 49.24 | 48.61 | 49.19 | 46.39 | 38.13 | 44.70 | 44.92 | 48.07 | 54.36 | 55.81 | 72.19 | 83.45 | 83.21 | 83.50 | 81.67 | 73.24 | 71.10 | 49.96 | 51.13 | 55.41 | 38.82 | 77.33 | 63.51 | 40.26 |
| | | 1.56 | 1.70 | 1.60 | 1.40 | 0.97 | 1.38 | 1.21 | 1.67 | 2.11 | 3.13 | 4.42 | 4.52 | 4.22 | 4.50 | 4.49 | 3.96 | 3.98 | 2.55 | 3.11 | 3.31 | 1.99 | 4.21 | 3.57 | 1.67 |
| | | 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 | -1.07 | -0.90 | -2.70 | -1.31 | -1.49 | -0.09 | 0.00 | -0.05 | 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 | 49.83 | 49.39 | 50.17 | 47.42 | 39.00 | 45.62 | 45.72 | 48.70 | 54.82 | 55.82 | 71.92 | 83.17 | 82.87 | 83.08 | 81.34 | 73.11 | 70.94 | 50.37 | 51.27 | 55.56 | 38.67 | 77.04 | 63.09 | 40.23 |
| | | 2.16 | 2.48 | 2.57 | 2.43 | 1.85 | 2.31 | 2.02 | 2.30 | 2.57 | 3.14 | 4.16 | 4.25 | 3.88 | 4.08 | 4.16 | 3.59 | 3.58 | 2.23 | 2.90 | 3.06 | 1.82 | 3.92 | 3.14 | 1.63 |
| | | 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 | -1.30 | -1.13 | -3.43 | -1.67 | -1.89 | -0.12 | 0.00 | -0.06 | 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 | 48.89 | 48.22 | 49.01 | 46.25 | 38.13 | 44.50 | 44.70 | 47.53 | 53.37 | 54.24 | 69.85 | 81.03 | 81.03 | 81.24 | 79.49 | 70.27 | 68.41 | 46.20 | 48.68 | 52.70 | 38.06 | 75.73 | 61.79 | 39.66 |
| | | 1.21 | 1.31 | 1.41 | 1.26 | 0.97 | 1.19 | 1.00 | 1.14 | 1.12 | 1.55 | 2.09 | 2.11 | 2.04 | 2.24 | 2.30 | 2.05 | 2.18 | 1.48 | 1.98 | 2.09 | 1.33 | 2.62 | 1.90 | 1.06 |
| | | 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 |
| ALBANY___1 | 23571 | 48.89 | 48.22 | 49.01 | 46.25 | 38.13 | 44.50 | 44.70 | 47.53 | 53.37 | 54.24 | 69.85 | 81.03 | 81.03 | 81.24 | 79.49 | 70.27 | 68.41 | 46.20 | 48.68 | 52.70 | 38.06 | 75.73 | 61.79 | 39.66 |
| | | 1.21 | 1.31 | 1.41 | 1.26 | 0.97 | 1.19 | 1.00 | 1.14 | 1.12 | 1.55 | 2.09 | 2.11 | 2.04 | 2.24 | 2.30 | 2.05 | 2.18 | 1.48 | 1.98 | 2.09 | 1.33 | 2.62 | 1.90 | 1.06 |
| | | 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 |
| ALBANY___2 | 23572 | 48.89 | 48.22 | 49.01 | 46.25 | 38.13 | 44.50 | 44.70 | 47.53 | 53.37 | 54.24 | 69.85 | 81.03 | 81.03 | 81.24 | 79.49 | 70.27 | 68.41 | 46.20 | 48.68 | 52.70 | 38.06 | 75.73 | 61.79 | 39.66 |
| | | 1.21 | 1.31 | 1.41 | 1.26 | 0.97 | 1.19 | 1.00 | 1.14 | 1.12 | 1.55 | 2.09 | 2.11 | 2.04 | 2.24 | 2.30 | 2.05 | 2.18 | 1.48 | 1.98 | 2.09 | 1.33 | 2.62 | 1.90 | 1.06 |
| | | 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 |
| ALBANY___3 | | 48.89 | 48.22 | 49.01 | 46.25 | 38.13 | 44.50 | 44.70 | 47.53 | 53.37 | 54.24 | 69.85 | 81.03 | 81.03 | 81.24 | 79.49 | 70.27 | 68.41 | 46.20 | 48.68 | 52.70 | 38.06 | 75.73 | 61.79 | 39.66 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 23573 | 1.21 0.00 N | 1.31 0.00 N | 1.41 0.00 N | 1.26 0.00 N | 0.97 0.00 N | 1.19 0.00 N | 1.00 0.00 N | 1.14 0.00 N | 1.12 0.00 N | 1.55 0.00 N | 2.09 0.00 N | 2.11 0.00 N | 2.04 0.00 N | 2.24 0.00 N | 2.30 0.00 N | 2.05 0.00 N | 2.18 0.00 N | 1.48 0.00 N | 1.98 0.00 N | 2.09 0.00 N | 1.33 0.00 N | 2.62 0.00 N | 1.90 0.00 N | 1.06 0.00 N |
| ALBANY____4 23574 | 48.89 1.21 0.00 N | 48.22 1.31 0.00 N | 49.01 1.41 0.00 N | 46.25 1.26 0.00 N | 38.13 0.97 0.00 N | 44.50 1.19 0.00 N | 44.70 1.00 0.00 N | 47.53 1.14 0.00 N | 53.37 1.12 0.00 N | 54.24 1.55 0.00 N | 69.85 2.09 0.00 N | 81.03 2.11 0.00 N | 81.03 2.04 0.00 N | 81.24 2.24 0.00 N | 79.49 2.30 0.00 N | 70.27 2.05 0.00 N | 68.41 2.18 0.00 N | 46.20 1.48 0.00 N | 48.68 1.98 0.00 N | 52.70 2.09 0.00 N | 38.06 1.33 0.00 N | 75.73 2.62 0.00 N | 61.79 1.90 0.00 N | 39.66 1.06 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 46.97 -0.70 0.00 N | 46.28 -0.64 0.00 N | 46.94 -0.66 0.00 N | 44.42 -0.57 0.00 N | 36.70 -0.45 0.00 N | 42.85 -0.47 0.00 N | 43.41 -0.29 0.00 N | 46.04 -0.36 0.00 N | 51.66 -0.59 0.00 N | 51.59 -1.09 0.00 N | 65.94 -1.83 0.00 N | 76.44 -2.48 0.00 N | 75.81 -3.18 0.00 N | 75.64 -3.36 0.00 N | 74.07 -3.11 0.00 N | 66.00 -2.21 0.00 N | 64.13 -2.10 0.00 N | 43.42 -1.30 0.00 N | 45.36 -1.34 0.00 N | 49.39 -1.22 0.00 N | 35.93 -0.80 0.00 N | 71.86 -1.26 0.00 N | 59.00 -0.89 0.00 N | 38.12 -0.48 0.00 N |
| ALLEGHENY____COGEN 23514 | 46.17 -1.50 0.00 N | 45.63 -1.29 0.00 N | 46.00 -1.60 0.00 N | 43.74 -1.25 0.00 N | 36.15 -1.01 0.00 N | 41.87 -1.44 0.00 N | 42.66 -1.05 0.00 N | 45.66 -0.74 0.00 N | 52.57 0.32 0.00 N | 52.88 0.20 0.00 N | 67.04 -0.72 0.00 N | 77.92 -1.01 0.00 N | 78.23 -0.76 0.00 N | 77.51 -1.49 0.00 N | 75.37 -1.81 0.00 N | 66.77 -1.45 0.00 N | 64.32 -1.91 0.00 N | 43.48 -1.23 0.00 N | 44.83 -1.87 0.00 N | 48.57 -2.04 0.00 N | 35.62 -1.11 0.00 N | 70.10 -3.02 0.00 N | 59.83 -0.06 0.00 N | 38.29 -0.30 0.00 N |
| AMERICAN_REF_FUEL 24010 | 45.18 -2.49 0.00 N | 43.79 -3.12 0.00 N | 43.97 -3.63 0.00 N | 41.98 -3.01 0.00 N | 34.66 -2.50 0.00 N | 39.95 -3.36 0.00 N | 40.74 -2.97 0.00 N | 43.35 -3.05 0.00 N | 49.86 -2.38 0.00 N | 49.54 -3.14 0.00 N | 65.23 -2.53 0.00 N | 78.83 -0.10 0.00 N | 79.31 0.32 0.00 N | 78.31 -0.69 0.00 N | 76.01 -1.18 0.00 N | 67.45 -0.76 0.00 N | 65.02 -1.21 0.00 N | 44.21 -0.50 0.00 N | 45.32 -1.38 0.00 N | 48.88 -1.73 0.00 N | 36.37 -0.36 0.00 N | 70.49 -2.62 0.00 N | 57.17 -2.72 0.00 N | 36.33 -2.27 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 111.45 3.70 -60.08 N | 105.12 3.26 -54.95 N | 116.03 3.42 -65.01 N | 129.07 3.04 -81.05 N | 129.89 2.49 -90.25 N | 134.14 2.91 -87.91 N | 135.26 2.90 -88.66 N | 129.97 3.34 -80.23 N | 139.16 3.90 -83.02 N | 142.47 4.74 -85.06 N | 159.71 6.23 -85.71 N | 150.73 6.76 -65.05 N | 138.94 7.10 -52.85 N | 141.23 7.50 -54.74 N | 135.58 7.45 -50.94 N | 113.96 6.59 -39.16 N | 112.94 6.38 -40.34 N | 165.48 3.67 -117.09 N | 142.30 3.89 -91.70 N | 143.87 4.30 -88.96 N | 146.89 2.90 -107.27 N | 148.51 6.55 -68.85 N | 159.21 5.62 -93.71 N | 133.97 3.07 -92.31 N |
| ARTHUR_KILL_2 23512 | 111.45 3.70 -60.08 N | 105.12 3.26 -54.95 N | 116.03 3.42 -65.01 N | 129.07 3.04 -81.05 N | 129.89 2.49 -90.25 N | 134.14 2.91 -87.91 N | 135.26 2.90 -88.66 N | 129.97 3.34 -80.23 N | 139.16 3.90 -83.02 N | 142.47 4.74 -85.06 N | 159.71 6.23 -85.71 N | 150.73 6.76 -65.05 N | 138.94 7.10 -52.85 N | 141.23 7.50 -54.74 N | 135.58 7.45 -50.94 N | 113.96 6.59 -39.16 N | 112.94 6.38 -40.34 N | 165.48 3.67 -117.09 N | 142.30 3.89 -91.70 N | 143.87 4.30 -88.96 N | 146.89 2.90 -107.27 N | 148.51 6.55 -68.85 N | 159.21 5.62 -93.71 N | 133.97 3.07 -92.31 N |
| ARTHUR_KILL_3 23513 | 111.15 3.40 -60.07 N | 99.63 3.20 -49.51 N | 111.35 3.39 -60.37 N | 111.34 3.05 -63.30 N | 104.16 2.49 -64.52 N | 112.12 2.88 -65.92 N | 108.64 2.90 -62.03 N | 83.05 3.29 -33.36 N | 119.60 4.00 -63.35 N | 117.91 4.84 -60.39 N | 114.31 6.33 -40.21 N | 111.14 7.03 -25.19 N | 106.72 7.26 -20.46 N | 121.61 7.77 -34.83 N | 122.75 7.58 -38.00 N | 114.18 6.82 -39.15 N | 113.22 6.66 -40.33 N | 165.64 3.84 -117.09 N | 134.29 4.07 -83.52 N | 134.04 4.45 -78.99 N | 136.01 3.02 -96.26 N | 129.70 6.65 -49.94 N | 154.39 5.71 -88.79 N | 131.70 3.03 -90.07 N |
| ASHOKAN____ 23654 | 51.38 3.71 0.00 N | 50.44 3.53 0.00 N | 51.24 3.65 0.00 N | 48.31 3.32 0.00 N | 39.83 2.68 0.00 N | 46.46 3.15 0.00 N | 46.73 3.02 0.00 N | 49.77 3.37 0.00 N | 56.23 3.98 0.00 N | 57.51 4.82 0.00 N | 74.33 6.57 0.00 N | 86.56 7.63 0.00 N | 86.86 7.87 0.00 N | 87.30 8.29 0.00 N | 85.42 8.23 0.00 N | 81.11 7.35 -5.54 N | 82.13 7.28 -8.62 N | 77.92 4.55 -28.66 N | 65.54 4.89 -13.95 N | 71.73 5.28 -15.84 N | 41.33 3.59 -1.01 N | 80.50 7.39 0.00 N | 66.06 5.94 -0.24 N | 41.80 3.21 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 51.68 4.00 -0.01 N | 50.62 3.71 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.64 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.45 0.00 N | 86.92 7.93 0.00 N | 87.38 8.38 0.00 N | 85.50 8.32 0.00 N | 89.23 7.37 -13.63 N | 86.16 6.91 -13.03 N | 152.88 3.86 -104.31 N | 100.77 4.02 -50.05 N | 112.00 4.37 -57.03 N | 113.56 2.99 -73.84 N | 85.18 7.12 -4.94 N | 97.87 5.94 -32.04 N | 100.90 3.13 -59.17 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 51.68 4.00 -0.01 N | 50.62 3.71 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.64 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.45 0.00 N | 86.92 7.93 0.00 N | 87.38 8.38 0.00 N | 85.50 8.32 0.00 N | 89.23 7.37 -13.63 N | 86.16 6.91 -13.03 N | 152.88 3.86 -104.31 N | 100.77 4.02 -50.05 N | 112.00 4.37 -57.03 N | 113.56 2.99 -73.84 N | 85.18 7.12 -4.94 N | 97.87 5.94 -32.04 N | 100.90 3.13 -59.17 N |
| ASTORIA_GT2_1 24094 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT2_2 24095 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT2_3 24096 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |

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| ASTORIA_GT2_4 24097 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT3_1 24098 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT3_2 24099 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT3_3 24100 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT3_4 24101 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT4_1 24102 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT4_2 24103 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 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 |
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| ASTORIA_GT_5 24106 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT_7 24107 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA_GT_8 24108 | 51.69 4.01 -0.01 N | 50.66 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA___2 24149 | 51.69 4.01 -0.01 N | 50.65 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.55 8.37 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA___3 23516 | 51.49 3.81 -0.01 N | 50.45 3.54 0.00 N | 51.33 3.73 0.00 N | 48.33 3.34 0.00 N | 39.89 2.74 0.00 N | 46.49 3.17 0.00 N | 46.89 3.18 0.00 N | 49.99 3.59 0.00 N | 56.50 4.26 0.00 N | 57.75 5.07 0.00 N | 74.36 6.60 0.00 N | 86.12 7.20 0.00 N | 86.46 7.47 0.00 N | 86.94 7.94 0.00 N | 85.03 7.85 0.00 N | 88.82 6.97 -13.63 N | 86.00 6.74 -13.03 N | 152.90 3.88 -104.31 N | 100.86 4.11 -50.05 N | 112.11 4.48 -57.03 N | 116.52 3.01 -76.79 N | 84.98 6.81 -5.05 N | 97.82 5.89 -32.04 N | 100.94 3.17 -59.17 N |
| ASTORIA___4 23517 | 51.69 4.01 -0.01 N | 50.65 3.74 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.55 8.37 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ASTORIA___5 23518 | 51.49 3.81 -0.01 N | 50.47 3.56 0.00 N | 51.44 3.85 0.00 N | 48.40 3.41 0.00 N | 39.92 2.77 0.00 N | 46.54 3.22 0.00 N | 46.96 3.25 0.00 N | 50.05 3.65 0.00 N | 56.67 4.42 0.00 N | 57.93 5.25 0.00 N | 74.59 6.82 0.00 N | 86.45 7.53 0.00 N | 86.96 7.97 0.00 N | 87.42 8.42 0.00 N | 85.56 8.38 0.00 N | 89.28 7.43 -13.63 N | 86.21 6.95 -13.03 N | 152.92 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.02 4.39 -57.03 N | 113.57 3.01 -73.84 N | 85.22 7.16 -4.94 N | 97.90 5.97 -32.04 N | 100.92 3.15 -59.17 N |
| ATHENS_STG_1 23668 | 49.64 1.96 0.00 N | 48.88 1.96 0.00 N | 49.70 2.11 0.00 N | 46.89 1.89 0.00 N | 38.67 1.52 0.00 N | 45.12 1.80 0.00 N | 45.34 1.64 0.00 N | 48.19 1.80 0.00 N | 54.26 2.02 0.00 N | 55.29 2.61 0.00 N | 71.26 3.49 0.00 N | 82.71 3.79 0.00 N | 82.80 3.80 0.00 N | 83.06 4.06 0.00 N | 81.23 4.05 0.00 N | 66.15 3.61 5.68 N | 64.14 3.70 5.78 N | 28.91 2.26 18.07 N | 40.44 2.54 8.80 N | 43.39 2.77 9.99 N | 37.92 1.83 0.64 N | 76.93 3.82 0.00 N | 62.80 3.16 0.25 N | 40.25 1.65 0.00 N |
| ATHENS_STG_2 23670 | 49.64 1.96 0.00 N | 48.88 1.96 0.00 N | 49.70 2.11 0.00 N | 46.89 1.89 0.00 N | 38.67 1.52 0.00 N | 45.12 1.80 0.00 N | 45.34 1.64 0.00 N | 48.19 1.80 0.00 N | 54.26 2.02 0.00 N | 55.29 2.61 0.00 N | 71.26 3.49 0.00 N | 82.71 3.79 0.00 N | 82.80 3.80 0.00 N | 83.06 4.06 0.00 N | 81.23 4.05 0.00 N | 66.15 3.61 5.68 N | 64.14 3.70 5.78 N | 28.91 2.26 18.07 N | 40.44 2.54 8.80 N | 43.39 2.77 9.99 N | 37.92 1.83 0.64 N | 76.93 3.82 0.00 N | 62.80 3.16 0.25 N | 40.25 1.65 0.00 N |
| ATHENS_STG_3 23677 | 49.64 1.96 0.00 N | 48.88 1.96 0.00 N | 49.70 2.11 0.00 N | 46.89 1.89 0.00 N | 38.67 1.52 0.00 N | 45.12 1.80 0.00 N | 45.34 1.64 0.00 N | 48.19 1.80 0.00 N | 54.26 2.02 0.00 N | 55.29 2.61 0.00 N | 71.26 3.49 0.00 N | 82.71 3.79 0.00 N | 82.80 3.80 0.00 N | 83.06 4.06 0.00 N | 81.23 4.05 0.00 N | 66.15 3.61 5.68 N | 64.14 3.70 5.78 N | 28.91 2.26 18.07 N | 40.44 2.54 8.80 N | 43.39 2.77 9.99 N | 37.92 1.83 0.64 N | 76.93 3.82 0.00 N | 62.80 3.16 0.25 N | 40.25 1.65 0.00 N |
| BARRETT_IC_1 23704 | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_10 23701 | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_11 23702 | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_12 | 81.33 | 84.87 | 83.04 | 81.88 | 78.07 | 60.51 | 65.16 | 83.58 | 89.04 | 88.48 | 90.48 | 117.00 | 140.02 | 135.42 | 131.45 | 115.89 | 113.37 | 153.80 | 104.27 | 145.23 | 122.80 | 117.14 | 138.71 | 91.00 |

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| 23703 | | 4.46 -29.20 N | 4.25 -33.71 N | 4.46 -30.98 N | 4.08 -32.81 N | 3.35 -37.57 N | 3.95 -13.24 N | 3.92 -17.53 N | 4.31 -32.87 N | 5.03 -31.76 N | 5.83 -29.96 N | 7.43 -15.29 N | 8.33 -29.75 N | 8.61 -52.42 N | 8.95 -47.47 N | 8.86 -45.40 N | 8.07 -39.60 N | 7.87 -39.27 N | 4.61 -104.48 N | 4.77 -52.80 N | 5.03 -89.59 N | 3.37 -82.70 N | 8.01 -36.01 N | 7.02 -71.80 N | 3.84 -48.57 N |
| BARRETT_IC_2 23705 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_3 23706 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_4 23707 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_5 23708 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_6 23709 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_7 23710 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_8 23711 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT_IC_9 23700 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT___1 23545 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BARRETT___2 23546 | | 81.33 4.46 -29.20 N | 84.87 4.25 -33.71 N | 83.04 4.46 -30.98 N | 81.88 4.08 -32.81 N | 78.07 3.35 -37.57 N | 60.51 3.95 -13.24 N | 65.16 3.92 -17.53 N | 83.58 4.31 -32.87 N | 89.04 5.03 -31.76 N | 88.48 5.83 -29.96 N | 90.48 7.43 -15.29 N | 117.00 8.33 -29.75 N | 140.02 8.61 -52.42 N | 135.42 8.95 -47.47 N | 131.45 8.86 -45.40 N | 115.89 8.07 -39.60 N | 113.37 7.87 -39.27 N | 153.80 4.61 -104.48 N | 104.27 4.77 -52.80 N | 145.23 5.03 -89.59 N | 122.80 3.37 -82.70 N | 117.14 8.01 -36.01 N | 138.71 7.02 -71.80 N | 91.00 3.84 -48.57 N |
| BEAVER RIVER___HYD 24048 | | 47.36 -0.32 0.00 N | 46.43 -0.49 0.00 N | 47.04 -0.55 0.00 N | 44.52 -0.47 0.00 N | 36.73 -0.42 0.00 N | 42.91 -0.41 0.00 N | 43.44 -0.27 0.00 N | 46.21 -0.19 0.00 N | 52.06 -0.19 0.00 N | 52.47 -0.21 0.00 N | 67.39 -0.37 0.00 N | 78.72 -0.20 0.00 N | 78.52 -0.47 0.00 N | 78.43 -0.57 0.00 N | 76.78 -0.40 0.00 N | 70.11 1.89 0.00 N | 67.87 1.64 0.00 N | 45.52 0.81 0.00 N | 47.40 0.70 0.00 N | 51.10 0.49 0.00 N | 36.93 0.21 0.00 N | 73.58 0.47 0.00 N | 60.01 0.12 0.00 N | 38.48 -0.11 0.00 N |
| BEEBEE_GT_13 23619 | | 47.41 -0.26 0.00 N | 45.68 -1.23 0.00 N | 46.04 -1.55 0.00 N | 43.71 -1.28 0.00 N | 36.13 -1.03 0.00 N | 41.80 -1.51 0.00 N | 42.73 -0.97 0.00 N | 45.64 -0.76 0.00 N | 52.33 0.08 0.00 N | 52.83 0.14 0.00 N | 69.54 1.77 0.00 N | 83.14 4.22 0.00 N | 83.80 4.81 0.00 N | 83.49 4.49 0.00 N | 81.42 4.24 0.00 N | 72.09 3.88 0.00 N | 69.61 3.38 0.00 N | 47.08 2.37 0.00 N | 48.38 1.68 0.00 N | 52.10 1.49 0.00 N | 38.24 1.52 0.00 N | 74.71 1.60 0.00 N | 60.22 0.33 0.00 N | 38.26 -0.34 0.00 N |
| BETHLEHEM___GRP 23843 | | 48.89 1.21 0.00 N | 48.22 1.31 0.00 N | 49.01 1.41 0.00 N | 46.25 1.26 0.00 N | 38.13 0.97 0.00 N | 44.50 1.19 0.00 N | 44.70 1.00 0.00 N | 47.53 1.14 0.00 N | 53.37 1.12 0.00 N | 54.24 1.55 0.00 N | 69.85 2.09 0.00 N | 81.03 2.11 0.00 N | 81.03 2.04 0.00 N | 81.24 2.24 0.00 N | 79.49 2.30 0.00 N | 70.27 2.05 0.00 N | 68.41 2.18 0.00 N | 46.20 1.48 0.00 N | 48.68 1.98 0.00 N | 52.70 2.09 0.00 N | 38.06 1.33 0.00 N | 75.73 2.62 0.00 N | 61.79 1.90 0.00 N | 39.66 1.06 0.00 N |

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|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| BETHLEHEM___GS1 323560 | 48.89 1.21 0.00 N | 48.22 1.31 0.00 N | 49.01 1.41 0.00 N | 46.25 1.26 0.00 N | 38.13 0.97 0.00 N | 44.50 1.19 0.00 N | 44.70 1.00 0.00 N | 47.53 1.14 0.00 N | 53.37 1.12 0.00 N | 54.24 1.55 0.00 N | 69.85 2.09 0.00 N | 81.03 2.11 0.00 N | 81.03 2.04 0.00 N | 81.24 2.24 0.00 N | 79.49 2.30 0.00 N | 70.27 2.05 0.00 N | 68.41 2.18 0.00 N | 46.20 1.48 0.00 N | 48.68 1.98 0.00 N | 52.70 2.09 0.00 N | 38.06 1.33 0.00 N | 75.73 2.62 0.00 N | 61.79 1.90 0.00 N | 39.66 1.06 0.00 N |
| BETHLEHEM___GS2 323561 | 48.89 1.21 0.00 N | 48.22 1.31 0.00 N | 49.01 1.41 0.00 N | 46.25 1.26 0.00 N | 38.13 0.97 0.00 N | 44.50 1.19 0.00 N | 44.70 1.00 0.00 N | 47.53 1.14 0.00 N | 53.37 1.12 0.00 N | 54.24 1.55 0.00 N | 69.85 2.09 0.00 N | 81.03 2.11 0.00 N | 81.03 2.04 0.00 N | 81.24 2.24 0.00 N | 79.49 2.30 0.00 N | 70.27 2.05 0.00 N | 68.41 2.18 0.00 N | 46.20 1.48 0.00 N | 48.68 1.98 0.00 N | 52.70 2.09 0.00 N | 38.06 1.33 0.00 N | 75.73 2.62 0.00 N | 61.79 1.90 0.00 N | 39.66 1.06 0.00 N |
| BETHLEHEM___GS3 323562 | 48.89 1.21 0.00 N | 48.22 1.31 0.00 N | 49.01 1.41 0.00 N | 46.25 1.26 0.00 N | 38.13 0.97 0.00 N | 44.50 1.19 0.00 N | 44.70 1.00 0.00 N | 47.53 1.14 0.00 N | 53.37 1.12 0.00 N | 54.24 1.55 0.00 N | 69.85 2.09 0.00 N | 81.03 2.11 0.00 N | 81.03 2.04 0.00 N | 81.24 2.24 0.00 N | 79.49 2.30 0.00 N | 70.27 2.05 0.00 N | 68.41 2.18 0.00 N | 46.20 1.48 0.00 N | 48.68 1.98 0.00 N | 52.70 2.09 0.00 N | 38.06 1.33 0.00 N | 75.73 2.62 0.00 N | 61.79 1.90 0.00 N | 39.66 1.06 0.00 N |
| BETHLEHEM___STEEL 23779 | 45.22 -2.45 0.00 N | 43.85 -3.07 0.00 N | 44.09 -3.51 0.00 N | 42.08 -2.91 0.00 N | 34.77 -2.38 0.00 N | 40.11 -3.21 0.00 N | 40.87 -2.84 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.91 -2.77 0.00 N | 65.75 -2.02 0.00 N | 79.31 0.39 0.00 N | 79.88 0.89 0.00 N | 78.98 -0.03 0.00 N | 76.69 -0.50 0.00 N | 68.04 -0.17 0.00 N | 65.63 -0.60 0.00 N | 44.48 -0.23 0.00 N | 45.63 -1.07 0.00 N | 49.36 -1.25 0.00 N | 36.57 -0.16 0.00 N | 71.10 -2.02 0.00 N | 57.69 -2.20 0.00 N | 36.62 -1.98 0.00 N |
| BETHPAGE_CC_5 323564 | 81.39 4.52 -29.20 N | 84.78 4.16 -33.71 N | 82.91 4.33 -30.98 N | 81.79 3.99 -32.81 N | 78.00 3.28 -37.57 N | 60.46 3.91 -13.24 N | 65.12 3.89 -17.53 N | 83.55 4.28 -32.87 N | 89.06 5.05 -31.76 N | 88.48 5.84 -29.96 N | 90.43 7.38 -15.29 N | 116.98 8.31 -29.75 N | 140.03 8.62 -52.42 N | 135.56 9.10 -47.47 N | 131.43 8.84 -45.40 N | 115.57 7.76 -39.60 N | 112.99 7.50 -39.26 N | 151.72 4.27 -102.74 N | 103.98 4.54 -52.73 N | 144.20 4.77 -88.82 N | 122.42 3.22 -82.47 N | 116.55 7.75 -35.68 N | 138.46 6.77 -71.80 N | 90.95 3.79 -48.57 N |
| BINGHAMTON___COGEN 23790 | 47.36 -0.31 0.00 N | 46.50 -0.42 0.00 N | 47.17 -0.43 0.00 N | 44.70 -0.28 0.00 N | 36.95 -0.20 0.00 N | 42.98 -0.34 0.00 N | 43.42 -0.29 0.00 N | 46.24 -0.17 0.00 N | 52.45 0.21 0.00 N | 53.09 0.40 0.00 N | 68.93 1.16 0.00 N | 81.04 2.12 0.00 N | 81.47 2.47 0.00 N | 81.36 2.36 0.00 N | 79.24 2.06 0.00 N | 70.19 1.97 0.00 N | 68.37 1.77 -0.36 N | 47.06 1.00 -1.35 N | 48.17 0.81 -0.66 N | 52.51 1.16 -0.75 N | 37.59 0.81 -0.05 N | 74.36 1.24 0.00 N | 60.73 0.84 0.00 N | 38.81 0.21 0.00 N |
| BLACK RIVER___HYD 24047 | 47.30 -0.37 0.00 N | 46.30 -0.61 0.00 N | 46.87 -0.73 0.00 N | 44.33 -0.66 0.00 N | 36.56 -0.59 0.00 N | 42.71 -0.61 0.00 N | 43.23 -0.47 0.00 N | 46.01 -0.39 0.00 N | 51.99 -0.26 0.00 N | 52.49 -0.19 0.00 N | 67.62 -0.14 0.00 N | 79.27 0.35 0.00 N | 79.27 0.28 0.00 N | 79.20 0.20 0.00 N | 77.35 0.17 0.00 N | 69.90 1.69 0.00 N | 67.63 1.41 0.00 N | 45.40 0.69 0.00 N | 47.23 0.53 0.00 N | 50.93 0.32 0.00 N | 36.75 0.03 0.00 N | 73.17 0.05 0.00 N | 59.65 -0.24 0.00 N | 38.25 -0.34 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 49.11 1.44 0.00 N | 48.34 1.43 0.00 N | 49.11 1.52 0.00 N | 46.34 1.35 0.00 N | 38.22 1.07 0.00 N | 44.58 1.27 0.00 N | 44.69 0.99 0.00 N | 47.51 1.11 0.00 N | 53.52 1.27 0.00 N | 54.48 1.80 0.00 N | 70.23 2.47 0.00 N | 81.57 2.64 0.00 N | 81.60 2.61 0.00 N | 81.80 2.81 0.00 N | 80.01 2.82 0.00 N | 70.76 2.55 0.00 N | 68.88 2.65 0.00 N | 46.34 1.62 0.00 N | 48.60 1.90 0.00 N | 52.66 2.05 0.00 N | 38.03 1.31 0.00 N | 75.85 2.74 0.00 N | 62.09 2.20 0.00 N | 39.72 1.12 0.00 N |
| BOC_GAS_DRP 24189 | 49.02 1.35 0.00 N | 48.29 1.37 0.00 N | 49.08 1.49 0.00 N | 46.34 1.35 0.00 N | 38.20 1.05 0.00 N | 44.58 1.27 0.00 N | 44.77 1.06 0.00 N | 47.56 1.16 0.00 N | 53.52 1.28 0.00 N | 54.42 1.74 0.00 N | 70.11 2.34 0.00 N | 81.42 2.50 0.00 N | 81.40 2.40 0.00 N | 81.58 2.57 0.00 N | 79.78 2.59 0.00 N | 69.99 2.33 0.56 N | 68.08 2.45 0.59 N | 44.37 1.53 1.87 N | 47.62 1.83 0.91 N | 51.55 1.97 1.03 N | 37.93 1.26 0.07 N | 75.72 2.61 0.00 N | 61.95 2.08 0.02 N | 39.67 1.07 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 49.83 2.16 0.00 N | 49.39 2.48 0.00 N | 50.17 2.57 0.00 N | 47.42 2.43 0.00 N | 39.00 1.85 0.00 N | 45.62 2.31 0.00 N | 45.72 2.02 0.00 N | 48.70 2.30 0.00 N | 54.82 2.57 0.00 N | 55.82 3.14 0.00 N | 71.92 4.16 0.00 N | 83.17 4.25 0.00 N | 82.87 3.88 0.00 N | 83.08 4.08 0.00 N | 81.34 4.16 0.00 N | 73.11 3.59 -1.30 N | 70.94 3.58 -1.13 N | 50.37 2.23 -3.43 N | 51.27 2.90 -1.67 N | 55.56 3.06 -1.89 N | 38.67 1.82 -0.12 N | 77.04 3.92 0.00 N | 63.09 3.14 -0.06 N | 40.23 1.63 0.00 N |
| BOWLINE___1 23526 | 50.72 3.04 0.00 N | 49.71 2.80 0.00 N | 50.54 2.94 0.00 N | 47.60 2.61 0.00 N | 39.30 2.14 0.00 N | 45.82 2.51 0.00 N | 46.21 2.50 0.00 N | 49.24 2.84 0.00 N | 55.70 3.45 0.00 N | 56.94 4.26 0.00 N | 73.39 5.62 0.00 N | 85.12 6.20 0.00 N | 85.62 6.63 0.00 N | 86.26 7.26 0.00 N | 84.42 7.24 0.00 N | 87.35 6.43 -12.70 N | 84.93 6.36 -12.35 N | 86.74 3.82 -38.21 N | 69.42 4.11 -18.60 N | 76.30 4.56 -21.12 N | 41.22 3.15 -1.35 N | 79.76 6.65 0.00 N | 65.94 5.49 -0.55 N | 41.46 2.86 0.00 N |
| BOWLINE___2 23595 | 50.75 3.08 0.00 N | 49.75 2.84 0.00 N | 50.57 2.97 0.00 N | 47.63 2.64 0.00 N | 39.32 2.17 0.00 N | 45.86 2.54 0.00 N | 46.24 2.53 0.00 N | 49.28 2.87 0.00 N | 55.72 3.47 0.00 N | 56.97 4.29 0.00 N | 73.46 5.70 0.00 N | 85.28 6.36 0.00 N | 85.75 6.76 0.00 N | 86.38 7.39 0.00 N | 84.53 7.35 0.00 N | 87.52 6.55 -12.75 N | 85.09 6.48 -12.38 N | 86.91 3.88 -38.31 N | 69.53 4.18 -18.66 N | 76.40 4.61 -21.18 N | 41.25 3.17 -1.35 N | 79.83 6.71 0.00 N | 65.96 5.52 -0.55 N | 41.48 2.88 0.00 N |
| BROOKHAVEN___DRP 24191 | 81.11 4.23 -29.20 N | 84.52 3.90 -33.71 N | 82.72 4.14 -30.98 N | 81.64 3.84 -32.81 N | 77.91 3.19 -37.57 N | 60.43 3.88 -13.24 N | 65.09 3.86 -17.53 N | 83.43 4.15 -32.87 N | 88.73 4.72 -31.76 N | 88.11 5.47 -29.96 N | 89.99 6.94 -15.29 N | 116.43 7.76 -29.75 N | 139.17 7.75 -52.42 N | 134.86 8.39 -47.47 N | 130.64 8.05 -45.40 N | 114.47 6.66 -39.60 N | 111.84 6.35 -39.26 N | 149.94 3.20 -102.02 N | 102.87 3.46 -52.71 N | 142.71 3.59 -88.51 N | 121.47 2.37 -82.38 N | 115.24 6.57 -35.55 N | 137.88 6.19 -71.80 N | 90.57 3.41 -48.57 N |
| BROOKLYN_NAVY_YARD 23515 | 51.24 3.57 0.00 N | 50.19 3.28 0.00 N | 51.07 3.47 0.00 N | 48.11 3.12 0.00 N | 39.70 2.55 0.00 N | 46.29 2.97 0.00 N | 46.68 2.97 0.00 N | 49.80 3.40 0.00 N | 56.36 4.11 0.00 N | 57.63 4.95 0.00 N | 74.22 6.45 0.00 N | 86.11 7.19 0.00 N | 86.39 7.40 0.00 N | 86.92 7.92 0.00 N | 84.99 7.81 0.00 N | 88.85 7.00 -13.63 N | 86.01 6.75 -13.03 N | 152.88 3.86 -104.31 N | 100.76 4.02 -50.05 N | 112.01 4.38 -57.02 N | 113.52 2.96 -73.84 N | 84.67 6.61 -4.95 N | 97.79 5.86 -32.04 N | 100.97 3.21 -59.17 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 |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| BURROWS___LYONSDAL 23803 | 47.75 0.08 0.00 N | 46.83 -0.08 0.00 N | 47.45 -0.15 0.00 N | 44.88 -0.11 0.00 N | 37.04 -0.11 0.00 N | 43.22 -0.10 0.00 N | 43.70 -0.01 0.00 N | 46.51 0.11 0.00 N | 52.52 0.27 0.00 N | 53.05 0.37 0.00 N | 68.22 0.45 0.00 N | 79.71 0.78 0.00 N | 79.73 0.74 0.00 N | 79.68 0.68 0.00 N | 77.88 0.70 0.00 N | 69.82 1.61 0.00 N | 67.65 1.42 0.00 N | 45.51 0.79 0.00 N | 47.41 0.71 0.00 N | 51.24 0.63 0.00 N | 37.10 0.38 0.00 N | 73.97 0.85 0.00 N | 60.41 0.53 0.00 N | 38.77 0.17 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 81.53 4.66 -29.20 N | 84.90 4.28 -33.71 N | 83.03 4.45 -30.98 N | 81.89 4.09 -32.81 N | 78.09 3.36 -37.57 N | 60.55 3.99 -13.24 N | 65.22 3.98 -17.53 N | 83.68 4.40 -32.87 N | 89.24 5.22 -31.76 N | 88.65 6.00 -29.96 N | 90.53 7.48 -15.29 N | 117.12 8.44 -29.75 N | 140.15 8.74 -52.42 N | 135.68 9.21 -47.47 N | 131.55 8.97 -45.40 N | 115.71 7.90 -39.60 N | 113.14 7.65 -39.26 N | 152.50 4.39 -103.39 N | 104.13 4.68 -52.76 N | 144.64 4.92 -89.11 N | 122.62 3.33 -82.56 N | 116.86 7.93 -35.81 N | 138.64 6.95 -71.80 N | 91.09 3.92 -48.57 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 81.53 4.66 -29.20 N | 84.90 4.28 -33.71 N | 83.03 4.45 -30.98 N | 81.89 4.09 -32.81 N | 78.09 3.36 -37.57 N | 60.55 3.99 -13.24 N | 65.22 3.98 -17.53 N | 83.68 4.40 -32.87 N | 89.24 5.22 -31.76 N | 88.65 6.00 -29.96 N | 90.53 7.48 -15.29 N | 117.12 8.44 -29.75 N | 140.15 8.74 -52.42 N | 135.68 9.21 -47.47 N | 131.55 8.97 -45.40 N | 115.71 7.90 -39.60 N | 113.14 7.65 -39.26 N | 152.50 4.39 -103.39 N | 104.13 4.68 -52.76 N | 144.64 4.92 -89.11 N | 122.62 3.33 -82.56 N | 116.86 7.93 -35.81 N | 138.64 6.95 -71.80 N | 91.09 3.92 -48.57 N | |
| CALPINE_BP_GT1 23823 | 81.53 4.66 -29.20 N | 84.90 4.28 -33.71 N | 83.03 4.45 -30.98 N | 81.89 4.09 -32.81 N | 78.09 3.36 -37.57 N | 60.55 3.99 -13.24 N | 65.22 3.98 -17.53 N | 83.68 4.40 -32.87 N | 89.24 5.22 -31.76 N | 88.65 6.00 -29.96 N | 90.53 7.48 -15.29 N | 117.12 8.44 -29.75 N | 140.15 8.74 -52.42 N | 135.68 9.21 -47.47 N | 131.55 8.97 -45.40 N | 115.71 7.90 -39.60 N | 113.14 7.65 -39.26 N | 152.50 4.39 -103.39 N | 104.13 4.68 -52.76 N | 144.64 4.92 -89.11 N | 122.62 3.33 -82.56 N | 116.86 7.93 -35.81 N | 138.64 6.95 -71.80 N | 91.09 3.92 -48.57 N | |
| CALSPAN___DRP 24200 | 45.22 -2.45 0.00 N | 43.85 -3.07 0.00 N | 44.09 -3.51 0.00 N | 42.08 -2.91 0.00 N | 34.77 -2.38 0.00 N | 40.11 -3.21 0.00 N | 40.87 -2.84 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.91 -2.77 0.00 N | 65.75 -2.02 0.00 N | 79.31 0.39 0.00 N | 79.88 0.89 0.00 N | 78.98 -0.03 0.00 N | 76.69 -0.50 0.00 N | 68.04 -0.17 0.00 N | 65.63 -0.60 0.00 N | 44.48 -0.23 0.00 N | 45.63 -1.07 0.00 N | 49.36 -1.25 0.00 N | 36.57 -0.16 0.00 N | 71.10 -2.02 0.00 N | 57.69 -2.20 0.00 N | 36.62 -1.98 0.00 N | |
| CARR STREET_E__SYR 24060 | 47.23 -0.45 0.00 N | 46.35 -0.57 0.00 N | 46.91 -0.69 0.00 N | 44.40 -0.59 0.00 N | 36.66 -0.50 0.00 N | 42.68 -0.64 0.00 N | 43.14 -0.57 0.00 N | 45.83 -0.57 0.00 N | 51.82 -0.43 0.00 N | 52.30 -0.39 0.00 N | 67.51 -0.25 0.00 N | 79.23 0.30 0.00 N | 79.50 0.51 0.00 N | 79.42 0.42 0.00 N | 77.52 0.34 0.00 N | 68.51 0.29 0.00 N | 66.24 0.01 0.00 N | 44.75 0.04 0.00 N | 46.52 -0.18 0.00 N | 50.42 -0.19 0.00 N | 36.69 -0.03 0.00 N | 72.65 -0.47 0.00 N | 59.37 -0.52 0.00 N | 38.29 -0.30 0.00 N | |
| CARTHAGE___PAPER 23857 | 47.33 -0.34 0.00 N | 46.36 -0.55 0.00 N | 46.94 -0.66 0.00 N | 44.42 -0.57 0.00 N | 36.63 -0.52 0.00 N | 42.80 -0.52 0.00 N | 43.32 -0.39 0.00 N | 46.10 -0.30 0.00 N | 52.02 -0.23 0.00 N | 52.48 -0.20 0.00 N | 67.52 -0.25 0.00 N | 79.04 0.11 0.00 N | 78.97 -0.03 0.00 N | 78.86 -0.14 0.00 N | 77.10 -0.08 0.00 N | 69.98 1.77 0.00 N | 67.73 1.50 0.00 N | 45.46 0.75 0.00 N | 47.31 0.61 0.00 N | 51.02 0.41 0.00 N | 36.83 0.10 0.00 N | 73.35 0.24 0.00 N | 59.82 -0.07 0.00 N | 38.36 -0.23 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 51.05 3.38 0.00 N | 50.07 3.16 0.00 N | 50.91 3.31 0.00 N | 47.96 2.97 0.00 N | 39.58 2.42 0.00 N | 46.15 2.84 0.00 N | 46.52 2.81 0.00 N | 49.59 3.19 0.00 N | 56.09 3.84 0.00 N | 57.35 4.67 0.00 N | 73.94 6.18 0.00 N | 85.80 6.87 0.00 N | 86.15 7.16 0.00 N | 86.71 7.71 0.00 N | 84.82 7.64 0.00 N | 88.62 6.81 -13.59 N | 85.90 6.68 -12.99 N | 152.89 3.97 -104.21 N | 100.95 4.25 -50.00 N | 112.22 4.65 -56.97 N | 116.33 3.17 -76.44 N | 84.97 6.80 -5.05 N | 66.21 5.73 -0.59 N | 41.65 3.05 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 50.90 3.23 0.00 N | 49.93 3.02 0.00 N | 50.74 3.15 0.00 N | 47.81 2.82 0.00 N | 39.45 2.30 0.00 N | 46.01 2.70 0.00 N | 46.38 2.68 0.00 N | 49.42 3.02 0.00 N | 55.92 3.67 0.00 N | 57.16 4.48 0.00 N | 73.70 5.93 0.00 N | 85.51 6.59 0.00 N | 85.90 6.90 0.00 N | 86.47 7.47 0.00 N | 84.60 7.41 0.00 N | 88.38 6.62 -13.54 N | 85.66 6.50 -12.93 N | 152.58 3.87 -104.00 N | 100.75 4.16 -49.90 N | 112.01 4.55 -56.85 N | 116.25 3.09 -76.43 N | 84.80 6.63 -5.05 N | 66.04 5.56 -0.59 N | 41.53 2.94 0.00 N | |
| CE_NYC2_DRP 24202 | 51.50 3.82 -0.01 N | 50.46 3.54 0.00 N | 51.34 3.74 0.00 N | 48.34 3.35 0.00 N | 39.89 2.74 0.00 N | 46.50 3.19 0.00 N | 46.89 3.19 0.00 N | 49.99 3.59 0.00 N | 56.51 4.26 0.00 N | 57.76 5.08 0.00 N | 74.36 6.60 0.00 N | 86.12 7.20 0.00 N | 86.45 7.46 0.00 N | 86.91 7.91 0.00 N | 85.02 7.84 0.00 N | 88.80 6.95 -13.63 N | 85.98 6.73 -13.03 N | 152.90 3.87 -104.31 N | 100.87 4.12 -50.05 N | 112.12 4.48 -57.03 N | 116.53 3.02 -76.79 N | 84.98 6.81 -5.05 N | 97.84 5.91 -32.04 N | 100.96 3.20 -59.17 N | |
| CE_NYC_DRP 24195 | 51.36 3.68 0.00 N | 50.37 3.46 0.00 N | 51.24 3.64 0.00 N | 48.28 3.29 0.00 N | 39.83 2.68 0.00 N | 46.44 3.12 0.00 N | 46.84 3.13 0.00 N | 49.96 3.56 0.00 N | 56.52 4.27 0.00 N | 57.78 5.10 0.00 N | 74.45 6.69 0.00 N | 86.35 7.42 0.00 N | 86.64 7.65 0.00 N | 87.18 8.17 0.00 N | 85.21 8.03 0.00 N | 89.02 7.17 -13.63 N | 86.25 7.00 -13.03 N | 153.11 4.09 -104.31 N | 101.06 4.31 -50.05 N | 112.34 4.71 -57.03 N | 116.72 3.20 -76.79 N | 85.20 7.03 -5.05 N | 98.01 6.09 -32.04 N | 101.05 3.28 -59.17 N | |
| CHAT_HIGH_FALL_HYD 323578 | 46.67 -1.01 0.00 N | 46.06 -0.86 0.00 N | 46.71 -0.89 0.00 N | 44.25 -0.74 0.00 N | 36.58 -0.58 0.00 N | 42.67 -0.64 0.00 N | 43.13 -0.58 0.00 N | 45.81 -0.59 0.00 N | 51.51 -0.74 0.00 N | 51.57 -1.12 0.00 N | 65.97 -1.80 0.00 N | 76.32 -2.60 0.00 N | 76.03 -2.96 0.00 N | 75.94 -3.06 0.00 N | 74.40 -2.79 0.00 N | 66.26 -1.96 0.00 N | 64.32 -1.91 0.00 N | 43.51 -1.20 0.00 N | 45.52 -1.18 0.00 N | 49.34 -1.27 0.00 N | 35.77 -0.96 0.00 N | 71.51 -1.60 0.00 N | 58.68 -1.21 0.00 N | 37.86 -0.74 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 50.82 3.14 0.00 N | 49.91 3.00 0.00 N | 50.73 3.13 0.00 N | 47.81 2.82 0.00 N | 39.45 2.29 0.00 N | 45.99 2.68 0.00 N | 46.31 2.60 0.00 N | 49.33 2.93 0.00 N | 55.72 3.47 0.00 N | 56.97 4.29 0.00 N | 73.52 5.75 0.00 N | 85.34 6.42 0.00 N | 85.64 6.65 0.00 N | 86.12 7.12 0.00 N | 84.24 7.06 0.00 N | 84.70 6.29 -10.19 N | 82.90 6.22 -10.46 N | 81.15 3.73 -32.71 N | 66.67 4.05 -15.93 N | 73.11 4.42 -18.08 N | 40.86 2.99 -1.15 N | 79.43 6.31 0.00 N | 65.58 5.25 -0.44 N | 41.36 2.76 0.00 N | |
| CH_MISC_IPPS | 50.46 | 49.52 | 50.33 | 47.43 | 39.17 | 45.60 | 45.95 | 48.97 | 55.39 | 56.69 | 73.20 | 85.02 | 85.36 | 85.88 | 83.92 | 84.81 | 83.18 | 82.80 | 67.31 | 73.82 | 40.73 | 78.98 | 65.19 | 41.09 | |

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| 23765 | 2.79 0.00 N | 2.61 0.00 N | 2.74 0.00 N | 2.44 0.00 N | 2.02 0.00 N | 2.29 0.00 N | 2.24 0.00 N | 2.57 0.00 N | 3.14 0.00 N | 4.01 0.00 N | 5.44 0.00 N | 6.10 0.00 N | 6.37 0.00 N | 6.88 0.00 N | 6.74 0.00 N | 5.98 -10.61 N | 5.92 -11.03 N | 3.51 -34.58 N | 3.78 -16.83 N | 4.10 -19.11 N | 2.79 -1.22 N | 5.86 0.00 N | 4.84 -0.46 N | 2.49 0.00 N |
| CH_RES_BVR_FALLS 23983 | 47.00 -0.68 0.00 N | 46.30 -0.61 0.00 N | 47.03 -0.57 0.00 N | 44.46 -0.52 0.00 N | 36.72 -0.43 0.00 N | 42.82 -0.49 0.00 N | 43.26 -0.44 0.00 N | 45.94 -0.46 0.00 N | 51.76 -0.49 0.00 N | 52.06 -0.62 0.00 N | 66.95 -0.82 0.00 N | 77.91 -1.01 0.00 N | 77.88 -1.11 0.00 N | 77.82 -1.18 0.00 N | 76.05 -1.13 0.00 N | 67.29 -0.93 0.00 N | 65.20 -1.02 0.00 N | 44.05 -0.67 0.00 N | 46.00 -0.70 0.00 N | 49.85 -0.76 0.00 N | 36.21 -0.52 0.00 N | 72.17 -0.95 0.00 N | 59.26 -0.63 0.00 N | 38.23 -0.36 0.00 N |
| CH_RES_NIAGARA 23895 | 45.44 -2.23 0.00 N | 44.00 -2.91 0.00 N | 44.18 -3.42 0.00 N | 42.18 -2.81 0.00 N | 34.80 -2.35 0.00 N | 40.12 -3.19 0.00 N | 40.92 -2.79 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.75 -2.93 0.00 N | 65.51 -2.25 0.00 N | 79.19 0.27 0.00 N | 79.68 0.69 0.00 N | 78.64 -0.36 0.00 N | 76.36 -0.82 0.00 N | 67.74 -0.47 0.00 N | 65.29 -0.93 0.00 N | 44.43 -0.29 0.00 N | 45.53 -1.17 0.00 N | 49.07 -1.53 0.00 N | 36.54 -0.18 0.00 N | 70.77 -2.34 0.00 N | 57.41 -2.48 0.00 N | 36.47 -2.12 0.00 N |
| CH_RES_SYRACUSE 23985 | 46.96 -0.71 0.00 N | 46.09 -0.83 0.00 N | 46.66 -0.93 0.00 N | 44.15 -0.84 0.00 N | 36.46 -0.69 0.00 N | 42.44 -0.87 0.00 N | 42.88 -0.83 0.00 N | 45.57 -0.83 0.00 N | 51.55 -0.71 0.00 N | 52.01 -0.67 0.00 N | 67.15 -0.62 0.00 N | 78.71 -0.21 0.00 N | 78.96 -0.03 0.00 N | 78.91 -0.09 0.00 N | 77.02 -0.16 0.00 N | 68.06 -0.16 0.00 N | 65.86 -0.37 0.00 N | 44.51 -0.20 0.00 N | 46.32 -0.38 0.00 N | 50.22 -0.39 0.00 N | 36.55 -0.18 0.00 N | 72.39 -0.73 0.00 N | 59.16 -0.73 0.00 N | 38.17 -0.42 0.00 N |
| COLONIE_LFGE__ 323577 | 49.43 1.75 0.00 N | 48.80 1.89 0.00 N | 49.54 1.95 0.00 N | 46.78 1.79 0.00 N | 38.51 1.35 0.00 N | 45.01 1.70 0.00 N | 45.19 1.48 0.00 N | 48.14 1.74 0.00 N | 54.24 1.99 0.00 N | 55.30 2.62 0.00 N | 71.34 3.58 0.00 N | 82.64 3.72 0.00 N | 82.53 3.54 0.00 N | 82.75 3.75 0.00 N | 80.98 3.80 0.00 N | 72.21 3.34 -0.65 N | 70.16 3.38 -0.55 N | 48.54 2.16 -1.66 N | 50.18 2.68 -0.81 N | 54.35 2.83 -0.92 N | 38.54 1.75 -0.06 N | 76.76 3.64 0.00 N | 62.82 2.90 -0.03 N | 40.10 1.50 0.00 N |
| CORNELL____ 23752 | 45.99 -1.69 0.00 N | 44.86 -2.05 0.00 N | 45.31 -2.29 0.00 N | 42.94 -2.05 0.00 N | 35.63 -1.52 0.00 N | 41.27 -2.04 0.00 N | 41.89 -1.81 0.00 N | 44.70 -1.70 0.00 N | 51.08 -1.17 0.00 N | 51.84 -0.84 0.00 N | 67.44 -0.33 0.00 N | 79.59 0.66 0.00 N | 80.05 1.06 0.00 N | 79.97 0.97 0.00 N | 77.96 0.78 0.00 N | 68.94 0.72 0.00 N | 66.38 0.16 0.00 N | 44.73 0.02 0.00 N | 46.29 -0.41 0.00 N | 50.24 -0.37 0.00 N | 36.62 -0.11 0.00 N | 72.21 -0.90 0.00 N | 58.74 -1.15 0.00 N | 37.70 -0.89 0.00 N |
| COXSACKIE__GT 23611 | 51.03 3.35 0.00 N | 50.11 3.20 0.00 N | 50.88 3.28 0.00 N | 47.97 2.98 0.00 N | 39.55 2.40 0.00 N | 46.14 2.82 0.00 N | 46.41 2.70 0.00 N | 49.47 3.07 0.00 N | 55.87 3.62 0.00 N | 57.11 4.43 0.00 N | 73.90 6.13 0.00 N | 86.05 7.13 0.00 N | 86.27 7.28 0.00 N | 86.65 7.64 0.00 N | 84.76 7.58 0.00 N | 80.14 6.76 -5.17 N | 80.49 6.70 -7.56 N | 73.89 4.25 -24.92 N | 63.44 4.60 -12.13 N | 69.32 4.94 -13.78 N | 40.96 3.36 -0.88 N | 79.89 6.77 0.00 N | 65.49 5.37 -0.22 N | 41.52 2.92 0.00 N |
| CRESCENT__HYD 24018 | 49.43 1.75 0.00 N | 48.80 1.89 0.00 N | 49.54 1.95 0.00 N | 46.78 1.79 0.00 N | 38.51 1.35 0.00 N | 45.01 1.70 0.00 N | 45.19 1.48 0.00 N | 48.14 1.74 0.00 N | 54.24 1.99 0.00 N | 55.30 2.62 0.00 N | 71.34 3.58 0.00 N | 82.64 3.72 0.00 N | 82.53 3.54 0.00 N | 82.75 3.75 0.00 N | 80.98 3.80 0.00 N | 72.21 3.34 -0.65 N | 70.16 3.38 -0.55 N | 48.54 2.16 -1.66 N | 50.18 2.68 -0.81 N | 54.35 2.83 -0.92 N | 38.54 1.75 -0.06 N | 76.76 3.64 0.00 N | 62.82 2.90 -0.03 N | 40.10 1.50 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 46.96 -0.71 0.00 N | 46.09 -0.83 0.00 N | 46.66 -0.93 0.00 N | 44.15 -0.84 0.00 N | 36.46 -0.69 0.00 N | 42.44 -0.87 0.00 N | 42.88 -0.83 0.00 N | 45.57 -0.83 0.00 N | 51.55 -0.71 0.00 N | 52.01 -0.67 0.00 N | 67.15 -0.62 0.00 N | 78.71 -0.21 0.00 N | 78.96 -0.03 0.00 N | 78.91 -0.09 0.00 N | 77.02 -0.16 0.00 N | 68.06 -0.16 0.00 N | 65.86 -0.37 0.00 N | 44.51 -0.20 0.00 N | 46.32 -0.38 0.00 N | 50.22 -0.39 0.00 N | 36.55 -0.18 0.00 N | 72.39 -0.73 0.00 N | 59.16 -0.73 0.00 N | 38.17 -0.42 0.00 N |
| DANSKAMMER__1 23586 | 50.46 2.79 0.00 N | 49.52 2.61 0.00 N | 50.33 2.74 0.00 N | 47.43 2.44 0.00 N | 39.17 2.02 0.00 N | 45.60 2.29 0.00 N | 45.95 2.24 0.00 N | 48.97 2.57 0.00 N | 55.39 3.14 0.00 N | 56.69 4.01 0.00 N | 73.20 5.44 0.00 N | 85.02 6.10 0.00 N | 85.36 6.37 0.00 N | 85.88 6.88 0.00 N | 83.92 6.74 0.00 N | 84.81 5.98 -10.61 N | 83.18 5.92 -11.03 N | 82.80 3.51 -34.58 N | 67.31 3.78 -16.83 N | 73.82 4.10 -19.11 N | 40.73 2.79 -1.22 N | 78.98 5.86 0.00 N | 65.19 4.84 -0.46 N | 41.09 2.49 0.00 N |
| DANSKAMMER__2 23589 | 50.46 2.79 0.00 N | 49.52 2.61 0.00 N | 50.33 2.74 0.00 N | 47.43 2.44 0.00 N | 39.17 2.02 0.00 N | 45.60 2.29 0.00 N | 45.95 2.24 0.00 N | 48.97 2.57 0.00 N | 55.39 3.14 0.00 N | 56.69 4.01 0.00 N | 73.20 5.44 0.00 N | 85.02 6.10 0.00 N | 85.36 6.37 0.00 N | 85.88 6.88 0.00 N | 83.92 6.74 0.00 N | 84.81 5.98 -10.61 N | 83.18 5.92 -11.03 N | 82.80 3.51 -34.58 N | 67.31 3.78 -16.83 N | 73.82 4.10 -19.11 N | 40.73 2.79 -1.22 N | 78.98 5.86 0.00 N | 65.19 4.84 -0.46 N | 41.09 2.49 0.00 N |
| DANSKAMMER__3 23590 | 50.46 2.79 0.00 N | 49.52 2.61 0.00 N | 50.33 2.74 0.00 N | 47.43 2.44 0.00 N | 39.17 2.02 0.00 N | 45.60 2.29 0.00 N | 45.95 2.24 0.00 N | 48.97 2.57 0.00 N | 55.39 3.14 0.00 N | 56.69 4.01 0.00 N | 73.20 5.44 0.00 N | 85.02 6.10 0.00 N | 85.36 6.37 0.00 N | 85.88 6.88 0.00 N | 83.92 6.74 0.00 N | 84.81 5.98 -10.61 N | 83.18 5.92 -11.03 N | 82.80 3.51 -34.58 N | 67.31 3.78 -16.83 N | 73.82 4.10 -19.11 N | 40.73 2.79 -1.22 N | 78.98 5.86 0.00 N | 65.19 4.84 -0.46 N | 41.09 2.49 0.00 N |
| DANSKAMMER__4 23591 | 50.46 2.79 0.00 N | 49.52 2.61 0.00 N | 50.33 2.74 0.00 N | 47.43 2.44 0.00 N | 39.17 2.02 0.00 N | 45.60 2.29 0.00 N | 45.95 2.24 0.00 N | 48.97 2.57 0.00 N | 55.39 3.14 0.00 N | 56.69 4.01 0.00 N | 73.20 5.44 0.00 N | 85.02 6.10 0.00 N | 85.36 6.37 0.00 N | 85.88 6.88 0.00 N | 83.92 6.74 0.00 N | 84.81 5.98 -10.61 N | 83.18 5.92 -11.03 N | 82.80 3.51 -34.58 N | 67.31 3.78 -16.83 N | 73.82 4.10 -19.11 N | 40.73 2.79 -1.22 N | 78.98 5.86 0.00 N | 65.19 4.84 -0.46 N | 41.09 2.49 0.00 N |
| DANSKAMMER__DIESEL 23592 | 50.46 2.79 0.00 N | 49.52 2.61 0.00 N | 50.33 2.74 0.00 N | 47.43 2.44 0.00 N | 39.17 2.02 0.00 N | 45.60 2.29 0.00 N | 45.95 2.24 0.00 N | 48.97 2.57 0.00 N | 55.39 3.14 0.00 N | 56.69 4.01 0.00 N | 73.20 5.44 0.00 N | 85.02 6.10 0.00 N | 85.36 6.37 0.00 N | 85.88 6.88 0.00 N | 83.92 6.74 0.00 N | 84.81 5.98 -10.61 N | 83.18 5.92 -11.03 N | 82.80 3.51 -34.58 N | 67.31 3.78 -16.83 N | 73.82 4.10 -19.11 N | 40.73 2.79 -1.22 N | 78.98 5.86 0.00 N | 65.19 4.84 -0.46 N | 41.09 2.49 0.00 N |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| DASHVILLE___HYD 23610 | 50.97 3.30 0.00 N | 50.10 3.19 0.00 N | 50.94 3.34 0.00 N | 47.99 3.00 0.00 N | 39.61 2.46 0.00 N | 46.16 2.84 0.00 N | 46.51 2.81 0.00 N | 49.58 3.18 0.00 N | 55.96 3.71 0.00 N | 57.24 4.56 0.00 N | 73.94 6.18 0.00 N | 85.90 6.98 0.00 N | 86.23 7.24 0.00 N | 86.74 7.74 0.00 N | 84.82 7.64 0.00 N | 82.48 6.81 -7.44 N | 82.71 6.74 -9.74 N | 80.46 4.07 -31.67 N | 66.48 4.36 -15.42 N | 72.87 4.75 -17.51 N | 41.12 3.28 -1.12 N | 79.94 6.83 0.00 N | 65.83 5.62 -0.32 N | 41.55 2.96 0.00 N |
| DOGLEVILLE___HYD 23807 | 50.15 2.48 0.00 N | 49.45 2.54 0.00 N | 50.26 2.66 0.00 N | 47.47 2.48 0.00 N | 39.13 1.97 0.00 N | 45.67 2.35 0.00 N | 45.88 2.17 0.00 N | 48.83 2.43 0.00 N | 55.24 2.99 0.00 N | 56.45 3.77 0.00 N | 73.05 5.28 0.00 N | 84.90 5.98 0.00 N | 85.07 6.08 0.00 N | 85.22 6.22 0.00 N | 83.16 5.97 0.00 N | 73.53 5.32 0.00 N | 71.47 5.25 0.00 N | 47.96 3.25 0.00 N | 50.33 3.63 0.00 N | 54.66 4.05 0.00 N | 39.39 2.66 0.00 N | 78.38 5.26 0.00 N | 64.22 4.33 0.00 N | 40.77 2.18 0.00 N |
| DUNKIRK___1 23563 | 43.38 -4.29 0.00 N | 42.08 -4.84 0.00 N | 42.47 -5.12 0.00 N | 40.56 -4.43 0.00 N | 33.59 -3.56 0.00 N | 38.80 -4.52 0.00 N | 39.48 -4.23 0.00 N | 42.17 -4.23 0.00 N | 48.50 -3.76 0.00 N | 48.51 -4.17 0.00 N | 63.96 -3.80 0.00 N | 77.01 -1.91 0.00 N | 77.70 -1.29 0.00 N | 77.05 -1.95 0.00 N | 74.66 -2.52 0.00 N | 66.30 -1.92 0.00 N | 64.03 -2.19 0.00 N | 43.11 -1.60 0.00 N | 44.35 -2.35 0.00 N | 48.46 -2.15 0.00 N | 35.61 -1.12 0.00 N | 69.60 -3.52 0.00 N | 56.44 -3.44 0.00 N | 35.75 -2.85 0.00 N |
| DUNKIRK___2 23564 | 43.38 -4.29 0.00 N | 42.08 -4.84 0.00 N | 42.47 -5.12 0.00 N | 40.56 -4.43 0.00 N | 33.59 -3.56 0.00 N | 38.80 -4.52 0.00 N | 39.48 -4.23 0.00 N | 42.17 -4.23 0.00 N | 48.50 -3.76 0.00 N | 48.51 -4.17 0.00 N | 63.96 -3.80 0.00 N | 77.01 -1.91 0.00 N | 77.70 -1.29 0.00 N | 77.05 -1.95 0.00 N | 74.66 -2.52 0.00 N | 66.30 -1.92 0.00 N | 64.03 -2.19 0.00 N | 43.11 -1.60 0.00 N | 44.35 -2.35 0.00 N | 48.46 -2.15 0.00 N | 35.61 -1.12 0.00 N | 69.60 -3.52 0.00 N | 56.44 -3.44 0.00 N | 35.75 -2.85 0.00 N |
| DUNKIRK___3 23565 | 43.78 -3.89 0.00 N | 42.50 -4.42 0.00 N | 42.89 -4.71 0.00 N | 40.96 -4.04 0.00 N | 33.91 -3.25 0.00 N | 39.17 -4.15 0.00 N | 39.85 -3.85 0.00 N | 42.55 -3.85 0.00 N | 48.92 -3.33 0.00 N | 48.94 -3.74 0.00 N | 64.52 -3.25 0.00 N | 77.64 -1.28 0.00 N | 78.35 -0.64 0.00 N | 77.68 -1.32 0.00 N | 75.29 -1.89 0.00 N | 66.85 -1.36 0.00 N | 64.54 -1.69 0.00 N | 43.49 -1.22 0.00 N | 44.73 -1.97 0.00 N | 48.81 -1.80 0.00 N | 35.88 -0.85 0.00 N | 70.06 -3.05 0.00 N | 56.84 -3.05 0.00 N | 36.02 -2.57 0.00 N |
| DUNKIRK___4 23566 | 43.78 -3.89 0.00 N | 42.50 -4.42 0.00 N | 42.89 -4.71 0.00 N | 40.96 -4.04 0.00 N | 33.91 -3.25 0.00 N | 39.17 -4.15 0.00 N | 39.85 -3.85 0.00 N | 42.55 -3.85 0.00 N | 48.92 -3.33 0.00 N | 48.94 -3.74 0.00 N | 64.52 -3.25 0.00 N | 77.64 -1.28 0.00 N | 78.35 -0.64 0.00 N | 77.68 -1.32 0.00 N | 75.29 -1.89 0.00 N | 66.85 -1.36 0.00 N | 64.54 -1.69 0.00 N | 43.49 -1.22 0.00 N | 44.73 -1.97 0.00 N | 48.81 -1.80 0.00 N | 35.88 -0.85 0.00 N | 70.06 -3.05 0.00 N | 56.84 -3.05 0.00 N | 36.02 -2.57 0.00 N |
| EAST HAMPTON___GT 23717 | 81.93 5.06 -29.20 N | 86.03 5.41 -33.71 N | 84.20 5.62 -30.98 N | 83.02 5.22 -32.81 N | 79.03 4.31 -37.57 N | 61.72 5.17 -13.24 N | 66.43 5.19 -17.53 N | 84.87 5.60 -32.87 N | 89.45 5.44 -31.76 N | 88.94 6.30 -29.96 N | 90.73 7.68 -15.29 N | 117.18 8.51 -29.75 N | 140.20 8.79 -52.42 N | 135.85 9.38 -47.47 N | 131.76 9.18 -45.40 N | 115.80 7.99 -39.60 N | 112.96 7.48 -39.25 N | 150.41 3.73 -101.97 N | 103.14 3.73 -52.71 N | 142.91 3.81 -88.49 N | 121.72 2.62 -82.37 N | 116.05 7.40 -35.54 N | 138.83 7.15 -71.80 N | 91.20 4.04 -48.57 N |
| EAST RIVER___6 23660 | 51.38 3.70 0.00 N | 50.38 3.47 0.00 N | 51.28 3.68 0.00 N | 48.32 3.33 0.00 N | 39.87 2.72 0.00 N | 46.47 3.15 0.00 N | 46.85 3.14 0.00 N | 49.97 3.57 0.00 N | 56.52 4.27 0.00 N | 57.74 5.06 0.00 N | 74.37 6.61 0.00 N | 86.21 7.29 0.00 N | 86.49 7.50 0.00 N | 87.03 8.03 0.00 N | 85.08 7.90 0.00 N | 88.89 7.04 -13.63 N | 86.13 6.88 -13.03 N | 153.02 4.00 -104.31 N | 100.98 4.23 -50.05 N | 112.24 4.61 -57.03 N | 116.63 3.11 -76.79 N | 85.11 6.94 -5.05 N | 97.97 6.04 -32.04 N | 101.02 3.25 -59.17 N |
| EAST RIVER___7 23524 | 51.38 3.70 0.00 N | 50.38 3.47 0.00 N | 51.28 3.68 0.00 N | 48.32 3.33 0.00 N | 39.87 2.72 0.00 N | 46.47 3.15 0.00 N | 46.85 3.14 0.00 N | 49.97 3.57 0.00 N | 56.52 4.27 0.00 N | 57.74 5.06 0.00 N | 74.37 6.61 0.00 N | 86.21 7.29 0.00 N | 86.49 7.50 0.00 N | 87.03 8.03 0.00 N | 85.08 7.90 0.00 N | 88.89 7.04 -13.63 N | 86.13 6.88 -13.03 N | 153.02 4.00 -104.31 N | 100.98 4.23 -50.05 N | 112.24 4.61 -57.03 N | 116.63 3.11 -76.79 N | 85.11 6.94 -5.05 N | 97.97 6.04 -32.04 N | 101.02 3.25 -59.17 N |
| EAST_HAMPTON___DIESEL 23722 | 81.93 5.06 -29.20 N | 86.03 5.41 -33.71 N | 84.20 5.62 -30.98 N | 83.02 5.22 -32.81 N | 79.03 4.31 -37.57 N | 61.72 5.17 -13.24 N | 66.43 5.19 -17.53 N | 84.87 5.60 -32.87 N | 89.45 5.44 -31.76 N | 88.94 6.30 -29.96 N | 90.73 7.68 -15.29 N | 117.18 8.51 -29.75 N | 140.20 8.79 -52.42 N | 135.85 9.38 -47.47 N | 131.76 9.18 -45.40 N | 115.80 7.99 -39.60 N | 112.96 7.48 -39.25 N | 150.41 3.73 -101.97 N | 103.14 3.73 -52.71 N | 142.91 3.81 -88.49 N | 121.72 2.62 -82.37 N | 116.05 7.40 -35.54 N | 138.83 7.15 -71.80 N | 91.20 4.04 -48.57 N |
| EAST_RIVER___1 323558 | 51.36 3.68 0.00 N | 50.37 3.46 0.00 N | 51.24 3.64 0.00 N | 48.28 3.29 0.00 N | 39.83 2.68 0.00 N | 46.44 3.12 0.00 N | 46.84 3.13 0.00 N | 49.96 3.56 0.00 N | 56.52 4.27 0.00 N | 57.78 5.10 0.00 N | 74.45 6.69 0.00 N | 86.35 7.42 0.00 N | 86.64 7.65 0.00 N | 87.18 8.17 0.00 N | 85.21 8.03 0.00 N | 89.02 7.17 -13.63 N | 86.25 7.00 -13.03 N | 153.11 4.09 -104.31 N | 101.06 4.31 -50.05 N | 112.34 4.71 -57.03 N | 116.72 3.20 -76.79 N | 85.20 7.03 -5.05 N | 98.01 6.09 -32.04 N | 101.05 3.28 -59.17 N |
| EAST_RIVER___2 323559 | 51.38 3.70 0.00 N | 50.38 3.47 0.00 N | 51.28 3.68 0.00 N | 48.32 3.33 0.00 N | 39.87 2.72 0.00 N | 46.47 3.15 0.00 N | 46.85 3.14 0.00 N | 49.97 3.57 0.00 N | 56.52 4.27 0.00 N | 57.74 5.06 0.00 N | 74.37 6.61 0.00 N | 86.21 7.29 0.00 N | 86.49 7.50 0.00 N | 87.03 8.03 0.00 N | 85.08 7.90 0.00 N | 88.89 7.04 -13.63 N | 86.13 6.88 -13.03 N | 153.02 4.00 -104.31 N | 100.98 4.23 -50.05 N | 112.24 4.61 -57.03 N | 116.63 3.11 -76.79 N | 85.11 6.94 -5.05 N | 97.97 6.04 -32.04 N | 101.02 3.25 -59.17 N |
| ELEC_TRO_TEK 24086 | 80.99 4.12 -29.20 N | 84.45 3.83 -33.71 N | 82.55 3.97 -30.98 N | 81.43 3.62 -32.81 N | 77.68 2.95 -37.57 N | 60.03 3.48 -13.24 N | 64.68 3.44 -17.53 N | 83.07 3.80 -32.87 N | 88.51 4.50 -31.76 N | 88.06 5.42 -29.96 N | 90.14 7.09 -15.29 N | 116.54 7.87 -29.75 N | 139.57 8.16 -52.42 N | 135.16 8.69 -47.47 N | 131.04 8.46 -45.40 N | 115.36 7.54 -39.60 N | 112.84 7.35 -39.27 N | 153.49 4.30 -104.48 N | 104.06 4.57 -52.80 N | 145.05 4.85 -89.59 N | 122.65 3.22 -82.70 N | 116.60 7.48 -36.01 N | 138.11 6.42 -71.80 N | 90.67 3.50 -48.57 N |
| E_CANADA_CAP_HY 24051 | 48.90 1.23 0.00 N | 47.87 0.96 0.00 N | 48.45 0.85 0.00 N | 45.80 0.81 0.00 N | 37.89 0.73 0.00 N | 44.17 0.85 0.00 N | 44.83 1.12 0.00 N | 47.86 1.46 0.00 N | 54.45 2.20 0.00 N | 55.11 2.43 0.00 N | 71.23 3.47 0.00 N | 83.59 4.67 0.00 N | 83.70 4.71 0.00 N | 83.66 4.66 0.00 N | 81.55 4.37 0.00 N | 72.04 3.82 0.00 N | 69.90 3.67 0.00 N | 47.18 2.47 0.00 N | 48.72 2.02 0.00 N | 52.65 2.05 0.00 N | 38.31 1.58 0.00 N | 76.14 3.02 0.00 N | 62.06 2.18 0.00 N | 39.99 1.39 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 |
|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| E_CANADA_MHWK_HY 24050 | 50.15 2.48 0.00 N | 49.45 2.54 0.00 N | 50.26 2.66 0.00 N | 47.47 2.48 0.00 N | 39.13 1.97 0.00 N | 45.67 2.35 0.00 N | 45.88 2.17 0.00 N | 48.83 2.43 0.00 N | 55.24 2.99 0.00 N | 56.45 3.77 0.00 N | 73.05 5.28 0.00 N | 84.90 5.98 0.00 N | 85.07 6.08 0.00 N | 85.22 6.22 0.00 N | 83.16 5.97 0.00 N | 73.53 5.32 0.00 N | 71.47 5.25 0.00 N | 47.96 3.25 0.00 N | 50.33 3.63 0.00 N | 54.66 4.05 0.00 N | 39.39 2.66 0.00 N | 78.38 5.26 0.00 N | 64.22 4.33 0.00 N | 40.77 2.18 0.00 N | |
| E_FISHKILL___LBMP 23776 | 50.68 3.01 0.00 N | 49.79 2.88 0.00 N | 50.61 3.01 0.00 N | 47.69 2.70 0.00 N | 39.34 2.19 0.00 N | 45.89 2.57 0.00 N | 46.22 2.51 0.00 N | 49.22 2.82 0.00 N | 55.61 3.36 0.00 N | 56.82 4.14 0.00 N | 73.27 5.51 0.00 N | 84.99 6.06 0.00 N | 85.25 6.25 0.00 N | 85.69 6.69 0.00 N | 83.86 6.68 0.00 N | 87.87 5.93 -13.73 N | 85.38 5.85 -13.29 N | 153.45 3.49 -105.25 N | 101.02 3.81 -50.50 N | 112.33 4.18 -57.54 N | 116.02 2.83 -76.47 N | 84.21 6.04 -5.05 N | 65.56 5.08 -0.60 N | 41.27 2.68 0.00 N | |
| FAR ROCKAWAY___4 23548 | 81.97 5.10 -29.20 N | 85.54 4.92 -33.71 N | 83.73 5.16 -30.98 N | 82.50 4.69 -32.81 N | 78.61 3.88 -37.57 N | 60.99 4.43 -13.24 N | 65.68 4.44 -17.53 N | 84.16 4.89 -32.87 N | 89.68 5.67 -31.76 N | 89.26 6.62 -29.96 N | 91.02 7.97 -15.29 N | 117.65 8.97 -29.75 N | 140.73 9.31 -52.42 N | 135.61 9.14 -47.47 N | 131.97 9.39 -45.40 N | 116.40 8.58 -39.60 N | 113.83 8.34 -39.27 N | 154.21 5.02 -104.48 N | 104.79 5.29 -52.80 N | 145.76 5.57 -89.59 N | 123.20 3.77 -82.70 N | 118.05 8.93 -36.01 N | 139.68 8.00 -71.80 N | 91.55 4.39 -48.57 N | |
| FARRAGUT___LBMP 323566 | 51.30 3.63 0.00 N | 50.31 3.40 0.00 N | 51.18 3.58 0.00 N | 48.23 3.24 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.78 3.07 0.00 N | 49.87 3.48 0.00 N | 56.45 4.20 0.00 N | 57.72 5.04 0.00 N | 74.34 6.57 0.00 N | 86.19 7.27 0.00 N | 86.50 7.51 0.00 N | 87.03 8.03 0.00 N | 85.06 7.88 0.00 N | 88.89 7.04 -13.63 N | 86.13 6.87 -13.03 N | 153.02 4.00 -104.31 N | 100.98 4.23 -50.05 N | 112.26 4.62 -57.03 N | 116.64 3.13 -76.79 N | 85.07 6.90 -5.05 N | 97.91 5.98 -32.04 N | 100.99 3.22 -59.17 N | |
| FENNER___WINDPWR 24204 | 48.04 0.37 0.00 N | 47.09 0.17 0.00 N | 47.65 0.06 0.00 N | 45.09 0.10 0.00 N | 37.26 0.10 0.00 N | 43.40 0.09 0.00 N | 43.89 0.19 0.00 N | 46.79 0.39 0.00 N | 53.08 0.83 0.00 N | 53.69 1.01 0.00 N | 69.08 1.32 0.00 N | 81.00 2.08 0.00 N | 81.26 2.26 0.00 N | 81.24 2.24 0.00 N | 79.25 2.07 0.00 N | 70.16 1.95 0.00 N | 67.83 1.60 0.00 N | 45.72 1.01 0.00 N | 47.55 0.85 0.00 N | 51.51 0.90 0.00 N | 37.43 0.70 0.00 N | 74.62 1.50 0.00 N | 60.91 1.02 0.00 N | 39.14 0.54 0.00 N | |
| FIBERTEK___ENERGY 23856 | 46.96 -0.71 0.00 N | 46.09 -0.83 0.00 N | 46.66 -0.93 0.00 N | 44.15 -0.84 0.00 N | 36.46 -0.69 0.00 N | 42.44 -0.87 0.00 N | 42.88 -0.83 0.00 N | 45.57 -0.83 0.00 N | 51.55 -0.71 0.00 N | 52.01 -0.67 0.00 N | 67.15 -0.62 0.00 N | 78.71 -0.21 0.00 N | 78.96 -0.03 0.00 N | 78.91 -0.09 0.00 N | 77.02 -0.16 0.00 N | 68.06 -0.16 0.00 N | 65.86 -0.37 0.00 N | 44.51 -0.20 0.00 N | 46.32 -0.38 0.00 N | 50.22 -0.39 0.00 N | 36.55 -0.18 0.00 N | 72.39 -0.73 0.00 N | 59.16 -0.73 0.00 N | 38.17 -0.42 0.00 N | |
| FITZPATRICK____ 23598 | 46.44 -1.23 0.00 N | 45.60 -1.31 0.00 N | 46.18 -1.42 0.00 N | 43.69 -1.30 0.00 N | 36.08 -1.08 0.00 N | 42.00 -1.31 0.00 N | 42.44 -1.27 0.00 N | 45.07 -1.32 0.00 N | 50.83 -1.42 0.00 N | 51.16 -1.52 0.00 N | 65.89 -1.88 0.00 N | 77.08 -1.84 0.00 N | 77.24 -1.75 0.00 N | 77.17 -1.83 0.00 N | 75.34 -1.84 0.00 N | 66.66 -1.56 0.00 N | 64.59 -1.64 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.33 -1.28 0.00 N | 35.88 -0.85 0.00 N | 71.06 -2.06 0.00 N | 58.15 -1.74 0.00 N | 37.60 -0.99 0.00 N | |
| FORT ORANGE____ 23900 | 49.23 1.56 0.00 N | 48.67 1.76 0.00 N | 49.46 1.86 0.00 N | 46.68 1.68 0.00 N | 38.46 1.31 0.00 N | 44.90 1.59 0.00 N | 45.11 1.40 0.00 N | 47.97 1.57 0.00 N | 53.70 1.45 0.00 N | 54.59 1.91 0.00 N | 70.33 2.57 0.00 N | 81.58 2.66 0.00 N | 81.60 2.61 0.00 N | 81.86 2.87 0.00 N | 80.08 2.89 0.00 N | 72.15 2.59 -1.35 N | 70.24 2.67 -1.34 N | 50.61 1.74 -4.15 N | 50.91 2.19 -2.02 N | 55.23 2.33 -2.30 N | 38.35 1.48 -0.15 N | 76.12 3.00 0.00 N | 62.23 2.29 -0.06 N | 39.81 1.21 0.00 N | |
| FORT_DRUM_COGEN 23780 | 47.21 -0.46 0.00 N | 46.22 -0.70 0.00 N | 46.78 -0.82 0.00 N | 44.25 -0.74 0.00 N | 36.50 -0.65 0.00 N | 42.63 -0.68 0.00 N | 43.16 -0.55 0.00 N | 45.93 -0.47 0.00 N | 51.90 -0.35 0.00 N | 52.40 -0.28 0.00 N | 67.48 -0.28 0.00 N | 79.09 0.17 0.00 N | 79.08 0.09 0.00 N | 79.00 0.00 0.00 N | 77.17 -0.01 0.00 N | 69.80 1.59 0.00 N | 67.52 1.29 0.00 N | 45.33 0.62 0.00 N | 47.17 0.47 0.00 N | 50.85 0.25 0.00 N | 36.70 -0.03 0.00 N | 73.07 -0.05 0.00 N | 59.55 -0.34 0.00 N | 38.20 -0.40 0.00 N | |
| FPL_FAR_ROCK_GT1 24212 | 81.97 5.10 -29.20 N | 85.54 4.92 -33.71 N | 83.73 5.16 -30.98 N | 82.50 4.69 -32.81 N | 78.61 3.88 -37.57 N | 60.99 4.43 -13.24 N | 65.68 4.44 -17.53 N | 84.16 4.89 -32.87 N | 89.68 5.67 -31.76 N | 89.26 6.62 -29.96 N | 91.02 7.97 -15.29 N | 117.65 8.97 -29.75 N | 140.73 9.31 -52.42 N | 135.61 9.14 -47.47 N | 131.97 9.39 -45.40 N | 116.40 8.58 -39.60 N | 113.83 8.34 -39.27 N | 154.21 5.02 -104.48 N | 104.79 5.29 -52.80 N | 145.76 5.57 -89.59 N | 123.20 3.77 -82.70 N | 118.05 8.93 -36.01 N | 139.68 8.00 -71.80 N | 91.55 4.39 -48.57 N | |
| FPL_FAR_ROCK_GT2 23815 | 81.97 5.10 -29.20 N | 85.54 4.92 -33.71 N | 83.73 5.16 -30.98 N | 82.50 4.69 -32.81 N | 78.61 3.88 -37.57 N | 60.99 4.43 -13.24 N | 65.68 4.44 -17.53 N | 84.16 4.89 -32.87 N | 89.68 5.67 -31.76 N | 89.26 6.62 -29.96 N | 91.02 7.97 -15.29 N | 117.65 8.97 -29.75 N | 140.73 9.31 -52.42 N | 135.61 9.14 -47.47 N | 131.97 9.39 -45.40 N | 116.40 8.58 -39.60 N | 113.83 8.34 -39.27 N | 154.21 5.02 -104.48 N | 104.79 5.29 -52.80 N | 145.76 5.57 -89.59 N | 123.20 3.77 -82.70 N | 118.05 8.93 -36.01 N | 139.68 8.00 -71.80 N | 91.55 4.39 -48.57 N | |
| FRANKLIN_FALL_HYD 24054 | 47.19 -0.49 0.00 N | 46.44 -0.48 0.00 N | 47.08 -0.52 0.00 N | 44.63 -0.36 0.00 N | 36.87 -0.29 0.00 N | 43.05 -0.26 0.00 N | 43.60 -0.11 0.00 N | 46.36 -0.04 0.00 N | 52.08 -0.17 0.00 N | 52.08 -0.60 0.00 N | 66.60 -1.17 0.00 N | 77.04 -1.89 0.00 N | 76.54 -2.45 0.00 N | 76.38 -2.62 0.00 N | 74.87 -2.32 0.00 N | 66.87 -1.34 0.00 N | 64.93 -1.30 0.00 N | 44.00 -0.71 0.00 N | 45.99 -0.71 0.00 N | 50.00 -0.60 0.00 N | 36.20 -0.53 0.00 N | 72.34 -0.77 0.00 N | 59.42 -0.47 0.00 N | 38.31 -0.28 0.00 N | |
| FREEPORT_EQUUS_GT1 23764 | 81.86 4.99 -29.20 N | 85.21 4.59 -33.71 N | 83.32 4.74 -30.98 N | 82.15 4.35 -32.81 N | 78.30 3.57 -37.57 N | 60.78 4.22 -13.24 N | 65.44 4.20 -17.53 N | 83.96 4.68 -32.87 N | 89.59 5.58 -31.76 N | 89.08 6.44 -29.96 N | 91.20 8.15 -15.29 N | 117.93 9.26 -29.75 N | 140.99 9.58 -52.42 N | 136.30 9.83 -47.47 N | 132.17 9.58 -45.40 N | 116.33 8.51 -39.60 N | 113.74 8.24 -39.27 N | 153.42 4.83 -103.88 N | 104.57 5.10 -52.78 N | 145.45 5.52 -89.33 N | 123.12 3.77 -82.62 N | 117.77 8.76 -35.90 N | 139.36 7.68 -71.80 N | 91.41 4.25 -48.57 N | |
| FULTON COGEN____ | 47.19 | 46.22 | 46.77 | 44.25 | 36.53 | 42.54 | 42.98 | 45.67 | 51.61 | 52.05 | 67.19 | 78.74 | 78.99 | 78.94 | 77.06 | 68.05 | 65.87 | 44.53 | 46.36 | 50.22 | 36.53 | 72.34 | 59.15 | 38.19 | |

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| 23766 | -0.48 0.00 N | -0.69 0.00 N | -0.82 0.00 N | -0.74 0.00 N | -0.62 0.00 N | -0.77 0.00 N | -0.73 0.00 N | -0.72 0.00 N | -0.64 0.00 N | -0.63 0.00 N | -0.58 0.00 N | -0.18 0.00 N | 0.00 0.00 N | -0.06 0.00 N | -0.12 0.00 N | -0.17 0.00 N | -0.36 0.00 N | -0.18 0.00 N | -0.34 0.00 N | -0.39 0.00 N | -0.20 0.00 N | -0.77 0.00 N | -0.74 0.00 N | -0.41 0.00 N |
| Freeport___CT2 23818 | 81.86 4.99 -29.20 N | 85.21 4.59 -33.71 N | 83.32 4.74 -30.98 N | 82.15 4.35 -32.81 N | 78.30 3.57 -37.57 N | 60.78 4.22 -13.24 N | 65.44 4.20 -17.53 N | 83.96 4.68 -32.87 N | 89.59 5.58 -31.76 N | 89.08 6.44 -29.96 N | 91.20 8.15 -15.29 N | 117.93 9.26 -29.75 N | 140.99 9.58 -52.42 N | 136.30 9.83 -47.47 N | 132.17 9.58 -45.40 N | 116.33 8.51 -39.60 N | 113.74 8.24 -39.27 N | 153.42 4.83 -103.88 N | 104.57 5.10 -52.78 N | 145.45 5.52 -89.33 N | 123.12 3.77 -82.62 N | 117.77 8.76 -35.90 N | 139.36 7.68 -71.80 N | 91.41 4.25 -48.57 N |
| G.F.CEMENT___DRP 24184 | 49.24 1.56 0.00 N | 48.61 1.70 0.00 N | 49.19 1.60 0.00 N | 46.39 1.40 0.00 N | 38.13 0.97 0.00 N | 44.70 1.38 0.00 N | 44.92 1.21 0.00 N | 48.07 1.67 0.00 N | 54.36 2.11 0.00 N | 55.81 3.13 0.00 N | 72.19 4.42 0.00 N | 83.45 4.52 0.00 N | 83.21 4.22 0.00 N | 83.50 4.50 0.00 N | 81.67 4.49 0.00 N | 73.24 3.96 -1.07 N | 71.10 3.98 -0.90 N | 49.96 2.55 -2.70 N | 51.13 3.11 -1.31 N | 55.41 3.31 -1.49 N | 38.82 1.99 -0.09 N | 77.33 4.21 0.00 N | 63.51 3.57 -0.05 N | 40.26 1.67 0.00 N |
| GARDENVILLE___LBMP 24039 | 45.05 -2.63 0.00 N | 43.68 -3.23 0.00 N | 43.93 -3.66 0.00 N | 41.93 -3.06 0.00 N | 34.66 -2.50 0.00 N | 39.98 -3.34 0.00 N | 40.73 -2.98 0.00 N | 43.40 -3.00 0.00 N | 49.94 -2.30 0.00 N | 49.76 -2.92 0.00 N | 65.54 -2.22 0.00 N | 79.08 0.15 0.00 N | 79.64 0.65 0.00 N | 78.77 -0.24 0.00 N | 76.46 -0.73 0.00 N | 67.85 -0.37 0.00 N | 65.45 -0.78 0.00 N | 44.34 -0.37 0.00 N | 45.49 -1.21 0.00 N | 49.25 -1.35 0.00 N | 36.47 -0.25 0.00 N | 70.89 -2.22 0.00 N | 57.53 -2.36 0.00 N | 36.51 -2.08 0.00 N |
| GENERAL___MILLS 23808 | 45.22 -2.45 0.00 N | 43.85 -3.07 0.00 N | 44.09 -3.51 0.00 N | 42.08 -2.91 0.00 N | 34.77 -2.38 0.00 N | 40.11 -3.21 0.00 N | 40.87 -2.84 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.91 -2.77 0.00 N | 65.75 -2.02 0.00 N | 79.31 0.39 0.00 N | 79.88 0.89 0.00 N | 78.98 -0.03 0.00 N | 76.69 -0.50 0.00 N | 68.04 -0.17 0.00 N | 65.63 -0.60 0.00 N | 44.48 -0.23 0.00 N | 45.63 -1.07 0.00 N | 49.36 -1.25 0.00 N | 36.57 -0.16 0.00 N | 71.10 -2.02 0.00 N | 57.69 -2.20 0.00 N | 36.62 -1.98 0.00 N |
| GE_PLASTICS___DRP 24183 | 48.81 1.13 0.00 N | 48.04 1.12 0.00 N | 48.81 1.21 0.00 N | 46.07 1.08 0.00 N | 37.97 0.82 0.00 N | 44.32 1.01 0.00 N | 44.51 0.80 0.00 N | 47.31 0.91 0.00 N | 53.29 1.04 0.00 N | 54.20 1.52 0.00 N | 69.85 2.08 0.00 N | 81.09 2.17 0.00 N | 81.06 2.07 0.00 N | 81.25 2.25 0.00 N | 79.46 2.28 0.00 N | 70.27 2.06 0.00 N | 68.41 2.19 0.00 N | 46.06 1.35 0.00 N | 48.36 1.67 0.00 N | 52.39 1.78 0.00 N | 37.84 1.11 0.00 N | 75.42 2.31 0.00 N | 61.71 1.82 0.00 N | 39.50 0.90 0.00 N |
| GILBOA___1 23756 | 49.44 1.77 0.00 N | 48.77 1.86 0.00 N | 49.65 2.06 0.00 N | 46.89 1.89 0.00 N | 38.68 1.52 0.00 N | 45.10 1.79 0.00 N | 45.20 1.50 0.00 N | 47.92 1.52 0.00 N | 53.82 1.57 0.00 N | 54.72 2.04 0.00 N | 70.54 2.78 0.00 N | 82.01 3.09 0.00 N | 81.91 2.92 0.00 N | 81.94 2.94 0.00 N | 80.08 2.90 0.00 N | 68.37 2.67 2.51 N | 66.61 2.94 2.56 N | 38.54 1.82 8.00 N | 44.84 2.03 3.89 N | 48.42 2.24 4.42 N | 37.93 1.48 0.28 N | 76.16 3.04 0.00 N | 62.27 2.49 0.11 N | 39.87 1.27 0.00 N |
| GILBOA___2 23757 | 49.44 1.77 0.00 N | 48.77 1.86 0.00 N | 49.65 2.06 0.00 N | 46.89 1.89 0.00 N | 38.68 1.52 0.00 N | 45.10 1.79 0.00 N | 45.20 1.50 0.00 N | 47.92 1.52 0.00 N | 53.82 1.57 0.00 N | 54.72 2.04 0.00 N | 70.54 2.78 0.00 N | 82.01 3.09 0.00 N | 81.91 2.92 0.00 N | 81.94 2.94 0.00 N | 80.08 2.90 0.00 N | 68.37 2.67 2.51 N | 66.61 2.94 2.56 N | 38.54 1.82 8.00 N | 44.84 2.03 3.89 N | 48.42 2.24 4.42 N | 37.93 1.48 0.28 N | 76.16 3.04 0.00 N | 62.27 2.49 0.11 N | 39.87 1.27 0.00 N |
| GILBOA___3 23758 | 49.44 1.77 0.00 N | 48.77 1.86 0.00 N | 49.65 2.06 0.00 N | 46.89 1.89 0.00 N | 38.68 1.52 0.00 N | 45.10 1.79 0.00 N | 45.20 1.50 0.00 N | 47.92 1.52 0.00 N | 53.82 1.57 0.00 N | 54.72 2.04 0.00 N | 70.54 2.78 0.00 N | 82.01 3.09 0.00 N | 81.91 2.92 0.00 N | 81.94 2.94 0.00 N | 80.08 2.90 0.00 N | 68.37 2.67 2.51 N | 66.61 2.94 2.56 N | 38.54 1.82 8.00 N | 44.84 2.03 3.89 N | 48.42 2.24 4.42 N | 37.93 1.48 0.28 N | 76.16 3.04 0.00 N | 62.27 2.49 0.11 N | 39.87 1.27 0.00 N |
| GILBOA___4 23759 | 49.44 1.77 0.00 N | 48.77 1.86 0.00 N | 49.65 2.06 0.00 N | 46.89 1.89 0.00 N | 38.68 1.52 0.00 N | 45.10 1.79 0.00 N | 45.20 1.50 0.00 N | 47.92 1.52 0.00 N | 53.82 1.57 0.00 N | 54.72 2.04 0.00 N | 70.54 2.78 0.00 N | 82.01 3.09 0.00 N | 81.91 2.92 0.00 N | 81.94 2.94 0.00 N | 80.08 2.90 0.00 N | 68.37 2.67 2.51 N | 66.61 2.94 2.56 N | 38.54 1.82 8.00 N | 44.84 2.03 3.89 N | 48.42 2.24 4.42 N | 37.93 1.48 0.28 N | 76.16 3.04 0.00 N | 62.27 2.49 0.11 N | 39.87 1.27 0.00 N |
| GILBOA___ 23599 | 49.44 1.77 0.00 N | 48.77 1.86 0.00 N | 49.65 2.06 0.00 N | 46.89 1.89 0.00 N | 38.68 1.52 0.00 N | 45.10 1.79 0.00 N | 45.20 1.50 0.00 N | 47.92 1.52 0.00 N | 53.82 1.57 0.00 N | 54.72 2.04 0.00 N | 70.54 2.78 0.00 N | 82.01 3.09 0.00 N | 81.91 2.92 0.00 N | 81.94 2.94 0.00 N | 80.08 2.90 0.00 N | 68.37 2.67 2.51 N | 66.61 2.94 2.56 N | 38.54 1.82 8.00 N | 44.84 2.03 3.89 N | 48.42 2.24 4.42 N | 37.93 1.48 0.28 N | 76.16 3.04 0.00 N | 62.27 2.49 0.11 N | 39.87 1.27 0.00 N |
| GINNA___ 23603 | 45.25 -2.42 0.00 N | 43.89 -3.02 0.00 N | 44.23 -3.37 0.00 N | 41.95 -3.04 0.00 N | 34.66 -2.50 0.00 N | 40.16 -3.15 0.00 N | 40.85 -2.86 0.00 N | 43.56 -2.84 0.00 N | 49.78 -2.47 0.00 N | 50.15 -2.53 0.00 N | 65.64 -2.12 0.00 N | 78.18 -0.74 0.00 N | 78.63 -0.36 0.00 N | 78.29 -0.71 0.00 N | 76.31 -0.87 0.00 N | 67.53 -0.69 0.00 N | 65.22 -1.00 0.00 N | 44.14 -0.57 0.00 N | 45.49 -1.21 0.00 N | 49.06 -1.55 0.00 N | 35.98 -0.75 0.00 N | 70.53 -2.58 0.00 N | 57.19 -2.69 0.00 N | 36.51 -2.09 0.00 N |
| GLEN PARK___ 23778 | 47.64 -0.03 0.00 N | 46.61 -0.30 0.00 N | 47.16 -0.43 0.00 N | 44.61 -0.38 0.00 N | 36.81 -0.35 0.00 N | 42.96 -0.35 0.00 N | 43.49 -0.22 0.00 N | 46.28 -0.12 0.00 N | 52.36 0.11 0.00 N | 52.89 0.21 0.00 N | 68.22 0.45 0.00 N | 80.13 1.21 0.00 N | 80.22 1.22 0.00 N | 80.13 1.13 0.00 N | 78.22 1.04 0.00 N | 70.46 2.25 0.00 N | 68.16 1.93 0.00 N | 45.78 1.07 0.00 N | 47.60 0.90 0.00 N | 51.35 0.74 0.00 N | 36.99 0.27 0.00 N | 73.62 0.51 0.00 N | 59.99 0.10 0.00 N | 38.48 -0.12 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 81.04 4.17 -29.20 N | 84.54 3.92 -33.71 N | 82.70 4.13 -30.98 N | 81.56 3.76 -32.81 N | 77.80 3.08 -37.57 N | 60.09 3.54 -13.24 N | 64.77 3.53 -17.53 N | 83.24 3.96 -32.87 N | 88.72 4.71 -31.76 N | 87.95 5.31 -29.96 N | 89.95 6.89 -15.29 N | 116.30 7.63 -29.75 N | 139.26 7.85 -52.42 N | 134.83 8.36 -47.47 N | 130.93 8.35 -45.40 N | 115.29 7.47 -39.60 N | 112.78 7.28 -39.27 N | 153.48 4.28 -104.48 N | 104.08 4.58 -52.80 N | 145.06 4.86 -89.59 N | 122.70 3.27 -82.70 N | 116.59 7.47 -36.01 N | 138.11 6.42 -71.80 N | 90.81 3.65 -48.57 N |

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| GLENWOOD_IC_2_G1 23688 | 80.77 3.89 -29.20 N | 84.29 3.67 -33.71 N | 82.41 3.83 -30.98 N | 81.27 3.47 -32.81 N | 77.56 2.84 -37.57 N | 59.87 3.32 -13.24 N | 64.52 3.28 -17.53 N | 82.97 3.69 -32.87 N | 88.42 4.42 -31.76 N | 87.89 5.25 -29.96 N | 89.96 6.91 -15.29 N | 116.37 7.69 -29.75 N | 139.37 7.96 -52.42 N | 134.97 8.50 -47.47 N | 130.96 8.37 -45.40 N | 115.29 7.48 -39.60 N | 112.79 7.29 -39.27 N | 153.50 4.30 -104.48 N | 104.08 4.59 -52.80 N | 145.14 4.95 -89.59 N | 122.78 3.35 -82.70 N | 116.59 7.46 -36.01 N | 138.05 6.36 -71.80 N | 90.60 3.44 -48.57 N |
| GLENWOOD_IC_3_G1 23689 | 80.77 3.89 -29.20 N | 84.29 3.67 -33.71 N | 82.41 3.83 -30.98 N | 81.27 3.47 -32.81 N | 77.56 2.84 -37.57 N | 59.87 3.32 -13.24 N | 64.52 3.28 -17.53 N | 82.97 3.69 -32.87 N | 88.42 4.42 -31.76 N | 87.89 5.25 -29.96 N | 89.96 6.91 -15.29 N | 116.37 7.69 -29.75 N | 139.37 7.96 -52.42 N | 134.97 8.50 -47.47 N | 130.96 8.37 -45.40 N | 115.29 7.48 -39.60 N | 112.79 7.29 -39.27 N | 153.50 4.30 -104.48 N | 104.08 4.59 -52.80 N | 145.14 4.95 -89.59 N | 122.78 3.35 -82.70 N | 116.59 7.46 -36.01 N | 138.05 6.36 -71.80 N | 90.60 3.44 -48.57 N |
| GLENWOOD___4 23550 | 81.04 4.17 -29.20 N | 84.54 3.92 -33.71 N | 82.70 4.13 -30.98 N | 81.56 3.76 -32.81 N | 77.80 3.08 -37.57 N | 60.09 3.54 -13.24 N | 64.77 3.53 -17.53 N | 83.24 3.96 -32.87 N | 88.73 4.72 -31.76 N | 88.05 5.41 -29.96 N | 90.07 7.02 -15.29 N | 116.44 7.76 -29.75 N | 139.41 8.00 -52.42 N | 134.98 8.51 -47.47 N | 131.07 8.48 -45.40 N | 115.41 7.59 -39.60 N | 112.91 7.41 -39.27 N | 153.56 4.36 -104.48 N | 104.17 4.67 -52.80 N | 145.15 4.95 -89.59 N | 122.77 3.34 -82.70 N | 116.74 7.62 -36.01 N | 138.22 6.54 -71.80 N | 90.81 3.65 -48.57 N |
| GLENWOOD___5 23614 | 81.04 4.17 -29.20 N | 84.54 3.92 -33.71 N | 82.70 4.13 -30.98 N | 81.56 3.76 -32.81 N | 77.80 3.08 -37.57 N | 60.09 3.54 -13.24 N | 64.77 3.53 -17.53 N | 83.24 3.96 -32.87 N | 88.73 4.72 -31.76 N | 88.05 5.41 -29.96 N | 90.07 7.02 -15.29 N | 116.44 7.76 -29.75 N | 139.41 8.00 -52.42 N | 134.98 8.51 -47.47 N | 131.07 8.48 -45.40 N | 115.41 7.59 -39.60 N | 112.91 7.41 -39.27 N | 153.56 4.36 -104.48 N | 104.17 4.67 -52.80 N | 145.15 4.95 -89.59 N | 122.77 3.34 -82.70 N | 116.74 7.62 -36.01 N | 138.22 6.54 -71.80 N | 90.81 3.65 -48.57 N |
| GLOBAL GREEN_PORT_GT1 23814 | 81.57 4.70 -29.20 N | 86.01 5.39 -33.71 N | 84.19 5.61 -30.98 N | 83.01 5.21 -32.81 N | 79.02 4.30 -37.57 N | 61.70 5.15 -13.24 N | 66.41 5.17 -17.53 N | 84.83 5.56 -32.87 N | 89.01 5.01 -31.76 N | 88.55 5.91 -29.96 N | 90.34 7.29 -15.29 N | 116.81 8.13 -29.75 N | 139.78 8.37 -52.42 N | 135.45 8.98 -47.47 N | 131.35 8.77 -45.40 N | 115.36 7.54 -39.60 N | 112.59 7.10 -39.25 N | 150.19 3.51 -101.97 N | 102.81 3.41 -52.71 N | 142.56 3.46 -88.49 N | 121.45 2.35 -82.37 N | 115.46 6.80 -35.54 N | 138.33 6.64 -71.80 N | 90.90 3.74 -48.57 N |
| GOETHSLN___LBMP 323567 | 62.34 3.41 -11.26 N | 50.11 3.20 0.00 N | 50.98 3.38 0.00 N | 48.03 3.04 0.00 N | 39.65 2.49 0.00 N | 46.20 2.88 0.00 N | 46.61 2.90 0.00 N | 49.69 3.29 0.00 N | 56.25 4.00 0.00 N | 57.52 4.84 0.00 N | 74.10 6.33 0.00 N | 85.97 7.04 0.00 N | 86.25 7.26 0.00 N | 86.77 7.77 0.00 N | 84.77 7.58 0.00 N | 88.66 6.81 -13.63 N | 85.92 6.66 -13.03 N | 152.87 3.85 -104.31 N | 100.82 4.07 -50.05 N | 112.09 4.46 -57.03 N | 116.54 3.03 -76.79 N | 84.83 6.66 -5.05 N | 97.64 5.71 -32.04 N | 100.81 3.04 -59.17 N |
| GOUDEY___7 23579 | 47.31 -0.36 0.00 N | 46.42 -0.50 0.00 N | 47.09 -0.51 0.00 N | 44.64 -0.35 0.00 N | 36.90 -0.25 0.00 N | 42.93 -0.38 0.00 N | 43.36 -0.35 0.00 N | 46.18 -0.22 0.00 N | 52.40 0.15 0.00 N | 53.02 0.34 0.00 N | 68.89 1.12 0.00 N | 81.06 2.14 0.00 N | 81.51 2.51 0.00 N | 81.38 2.39 0.00 N | 79.26 2.08 0.00 N | 70.20 1.99 0.00 N | 68.37 1.77 -0.36 N | 47.05 0.99 -1.35 N | 48.15 0.79 -0.66 N | 52.53 1.18 -0.75 N | 37.60 0.83 -0.05 N | 74.33 1.22 0.00 N | 60.72 0.83 0.00 N | 38.79 0.19 0.00 N |
| GOUDEY___8 23580 | 47.27 -0.41 0.00 N | 46.37 -0.54 0.00 N | 47.04 -0.55 0.00 N | 44.60 -0.39 0.00 N | 36.87 -0.28 0.00 N | 42.89 -0.43 0.00 N | 43.32 -0.39 0.00 N | 46.13 -0.27 0.00 N | 52.34 0.09 0.00 N | 52.95 0.27 0.00 N | 68.78 1.02 0.00 N | 80.93 2.01 0.00 N | 81.35 2.36 0.00 N | 81.24 2.23 0.00 N | 79.11 1.93 0.00 N | 70.07 1.85 0.00 N | 68.26 1.67 -0.36 N | 46.98 0.92 -1.35 N | 48.07 0.71 -0.66 N | 52.45 1.09 -0.75 N | 37.54 0.76 -0.05 N | 74.23 1.11 0.00 N | 60.64 0.75 0.00 N | 38.75 0.15 0.00 N |
| GOWANUS_GT1_1 24077 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |
| GOWANUS_GT1_2 24078 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |
| GOWANUS_GT1_3 24079 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |
| GOWANUS_GT1_4 24080 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |
| GOWANUS_GT1_5 24084 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |
| GOWANUS_GT1_6 24111 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.34 7.37 -65.05 N | 139.45 7.61 -52.85 N | 177.04 8.08 -89.95 N | 183.32 8.02 -98.12 N | 154.81 7.07 -79.53 N | 156.62 6.85 -83.54 N | 186.01 4.00 -137.30 N | 187.41 4.22 -136.49 N | 168.98 4.63 -113.74 N | 166.94 3.14 -127.08 N | 201.11 7.03 -120.96 N | 244.51 6.03 -178.59 N | 180.91 3.34 -138.97 N |

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------|--------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 24125 | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.37 | 7.61 | 8.08 | 8.02 | 7.07 | 6.85 | 4.00 | 4.22 | 4.63 | 3.14 | 7.03 | 6.03 | 3.34 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_5 | 24126 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.34 | 139.45 | 177.04 | 183.32 | 154.81 | 156.62 | 186.01 | 187.41 | 168.98 | 166.94 | 201.11 | 244.51 | 180.91 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.37 | 7.61 | 8.08 | 8.02 | 7.07 | 6.85 | 4.00 | 4.22 | 4.63 | 3.14 | 7.03 | 6.03 | 3.34 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_6 | 24127 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.34 | 139.45 | 177.04 | 183.32 | 154.81 | 156.62 | 186.01 | 187.41 | 168.98 | 166.94 | 201.11 | 244.51 | 180.91 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.37 | 7.61 | 8.08 | 8.02 | 7.07 | 6.85 | 4.00 | 4.22 | 4.63 | 3.14 | 7.03 | 6.03 | 3.34 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_7 | 24128 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.34 | 139.45 | 177.04 | 183.32 | 154.81 | 156.62 | 186.01 | 187.41 | 168.98 | 166.94 | 201.11 | 244.51 | 180.91 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.37 | 7.61 | 8.08 | 8.02 | 7.07 | 6.85 | 4.00 | 4.22 | 4.63 | 3.14 | 7.03 | 6.03 | 3.34 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_8 | 24129 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.34 | 139.45 | 177.04 | 183.32 | 154.81 | 156.62 | 186.01 | 187.41 | 168.98 | 166.94 | 201.11 | 244.51 | 180.91 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.37 | 7.61 | 8.08 | 8.02 | 7.07 | 6.85 | 4.00 | 4.22 | 4.63 | 3.14 | 7.03 | 6.03 | 3.34 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_1 | 24130 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_2 | 24131 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_3 | 24132 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_4 | 24133 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_5 | 24134 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_6 | 24135 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_7 | 24136 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_8 | 24137 | 137.95 | 178.42 | 207.32 | 211.90 | 206.59 | 216.82 | 207.19 | 136.24 | 220.21 | 213.82 | 178.33 | 151.35 | 139.48 | 177.07 | 183.32 | 154.83 | 156.62 | 186.02 | 187.42 | 168.98 | 166.94 | 201.11 | 244.52 | 180.92 |
| | | 4.02 | 3.65 | 3.83 | 3.43 | 2.81 | 3.27 | 3.28 | 3.68 | 4.36 | 5.18 | 6.73 | 7.38 | 7.63 | 8.12 | 8.02 | 7.09 | 6.85 | 4.00 | 4.23 | 4.63 | 3.14 | 7.03 | 6.04 | 3.36 |
| | | -86.26 | -127.86 | -155.89 | -163.48 | -166.62 | -170.23 | -160.20 | -86.16 | -163.60 | -155.95 | -103.84 | -65.05 | -52.85 | -89.95 | -98.12 | -79.53 | -83.54 | -137.30 | -136.49 | -113.74 | -127.08 | -120.96 | -178.59 | -138.97 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GRAHMSVILLE__HY | 23607 | 49.35 | 48.34 | 49.10 | 46.29 | 38.21 | 44.54 | 44.90 | 47.81 | 54.07 | 55.15 | 71.21 | 82.91 | 82.37 | 82.39 | 80.55 | 78.81 | 77.71 | 73.13 | 61.56 | 67.49 | 39.58 | 77.14 | 63.45 | 40.15 |
| | | 1.68 | 1.43 | 1.50 | 1.30 | 1.06 | 1.23 | 1.19 | 1.41 | 1.82 | 2.47 | 3.45 | 3.99 | 3.38 | 3.39 | 3.37 | 3.06 | 3.07 | 1.74 | 1.86 | 2.13 | 1.92 | 4.03 | 3.24 | 1.55 |
| | | 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 | -7.54 | -8.41 | -26.68 | -12.99 | -14.75 | -0.94 | 0.00 | -0.33 |
| | </ | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| GREENIDGE___3 23582 | 45.57 -2.10 0.00 N | 44.34 -2.57 0.00 N | 44.80 -2.80 0.00 N | 42.66 -2.33 0.00 N | 35.59 -1.57 0.00 N | 41.11 -2.21 0.00 N | 41.59 -2.11 0.00 N | 44.32 -2.08 0.00 N | 50.49 -1.76 0.00 N | 51.01 -1.67 0.00 N | 66.41 -1.36 0.00 N | 78.78 -0.14 0.00 N | 79.38 0.39 0.00 N | 79.13 0.13 0.00 N | 77.01 -0.17 0.00 N | 68.21 -0.01 0.00 N | 65.77 -0.46 0.00 N | 44.47 -0.24 0.00 N | 45.95 -0.75 0.00 N | 49.92 -0.68 0.00 N | 36.64 -0.08 0.00 N | 71.80 -1.31 0.00 N | 58.13 -1.76 0.00 N | 37.29 -1.31 0.00 N |
| GREENIDGE___4 23583 | 45.57 -2.10 0.00 N | 44.34 -2.57 0.00 N | 44.80 -2.80 0.00 N | 42.66 -2.33 0.00 N | 35.59 -1.57 0.00 N | 41.11 -2.21 0.00 N | 41.59 -2.11 0.00 N | 44.32 -2.08 0.00 N | 50.49 -1.76 0.00 N | 51.01 -1.67 0.00 N | 66.41 -1.36 0.00 N | 78.78 -0.14 0.00 N | 79.38 0.39 0.00 N | 79.13 0.13 0.00 N | 77.01 -0.17 0.00 N | 68.21 -0.01 0.00 N | 65.77 -0.46 0.00 N | 44.47 -0.24 0.00 N | 45.95 -0.75 0.00 N | 49.92 -0.68 0.00 N | 36.64 -0.08 0.00 N | 71.80 -1.31 0.00 N | 58.13 -1.76 0.00 N | 37.29 -1.31 0.00 N |
| HARZA MOOSE___RIVER 24016 | 47.75 0.08 0.00 N | 46.83 -0.08 0.00 N | 47.45 -0.15 0.00 N | 44.88 -0.11 0.00 N | 37.04 -0.11 0.00 N | 43.22 -0.10 0.00 N | 43.70 -0.01 0.00 N | 46.51 0.11 0.00 N | 52.52 0.27 0.00 N | 53.05 0.37 0.00 N | 68.22 0.45 0.00 N | 79.71 0.78 0.00 N | 79.73 0.74 0.00 N | 79.68 0.68 0.00 N | 77.88 0.70 0.00 N | 69.82 1.61 0.00 N | 67.65 1.42 0.00 N | 45.51 0.79 0.00 N | 47.41 0.71 0.00 N | 51.24 0.63 0.00 N | 37.10 0.38 0.00 N | 73.97 0.85 0.00 N | 60.41 0.53 0.00 N | 38.77 0.17 0.00 N |
| HEMPSTEAD___ 23647 | 81.24 4.37 -29.20 N | 84.68 4.06 -33.71 N | 82.81 4.23 -30.98 N | 81.67 3.87 -32.81 N | 77.90 3.18 -37.57 N | 60.28 3.73 -13.24 N | 64.95 3.71 -17.53 N | 83.42 4.14 -32.87 N | 88.94 4.93 -31.76 N | 88.39 5.74 -29.96 N | 90.43 7.38 -15.29 N | 116.95 8.28 -29.75 N | 139.98 8.56 -52.42 N | 135.50 9.03 -47.47 N | 131.44 8.86 -45.40 N | 115.69 7.87 -39.60 N | 113.15 7.65 -39.27 N | 153.65 4.46 -104.48 N | 104.23 4.73 -52.80 N | 145.23 5.03 -89.59 N | 122.83 3.40 -82.70 N | 117.03 7.90 -36.01 N | 138.51 6.82 -71.80 N | 90.93 3.77 -48.57 N |
| HICKLING___1 23621 | 46.85 -0.82 0.00 N | 45.62 -1.30 0.00 N | 46.19 -1.40 0.00 N | 43.99 -1.01 0.00 N | 36.46 -0.70 0.00 N | 42.27 -1.04 0.00 N | 42.84 -0.87 0.00 N | 45.74 -0.65 0.00 N | 52.36 0.12 0.00 N | 53.02 0.34 0.00 N | 69.46 1.70 0.00 N | 82.52 3.60 0.00 N | 83.30 4.30 0.00 N | 83.04 4.04 0.00 N | 80.64 3.46 0.00 N | 71.48 3.26 0.00 N | 69.25 2.75 -0.28 N | 47.28 1.53 -1.04 N | 48.32 1.11 -0.50 N | 52.97 1.79 -0.57 N | 38.09 1.33 -0.04 N | 74.95 1.84 0.00 N | 61.05 1.16 0.00 N | 38.82 0.22 0.00 N |
| HICKLING___2 23622 | 46.87 -0.80 0.00 N | 45.64 -1.27 0.00 N | 46.21 -1.39 0.00 N | 43.99 -1.00 0.00 N | 36.47 -0.69 0.00 N | 42.29 -1.03 0.00 N | 42.84 -0.87 0.00 N | 45.76 -0.64 0.00 N | 52.38 0.13 0.00 N | 53.04 0.35 0.00 N | 69.48 1.72 0.00 N | 82.54 3.62 0.00 N | 83.32 4.33 0.00 N | 83.06 4.06 0.00 N | 80.67 3.49 0.00 N | 71.51 3.29 0.00 N | 69.27 2.76 -0.28 N | 47.30 1.56 -1.04 N | 48.34 1.13 -0.50 N | 52.98 1.80 -0.57 N | 38.10 1.34 -0.04 N | 74.97 1.85 0.00 N | 61.06 1.17 0.00 N | 38.82 0.23 0.00 N |
| HIGH FALLS___HY 23754 | 51.13 3.46 0.00 N | 50.08 3.16 0.00 N | 50.87 3.28 0.00 N | 47.93 2.94 0.00 N | 39.57 2.41 0.00 N | 46.12 2.80 0.00 N | 46.48 2.77 0.00 N | 49.57 3.17 0.00 N | 56.08 3.84 0.00 N | 57.39 4.71 0.00 N | 74.21 6.44 0.00 N | 86.42 7.50 0.00 N | 86.65 7.66 0.00 N | 87.07 8.06 0.00 N | 85.13 7.95 0.00 N | 82.82 7.11 -7.49 N | 82.68 7.01 -9.44 N | 79.52 4.28 -30.53 N | 66.07 4.51 -14.86 N | 72.42 4.93 -16.88 N | 41.33 3.53 -1.08 N | 80.37 7.25 0.00 N | 66.14 5.92 -0.33 N | 41.67 3.07 0.00 N |
| HILLBURN___GT 23639 | 50.91 3.24 0.00 N | 49.87 2.96 0.00 N | 50.68 3.09 0.00 N | 47.71 2.72 0.00 N | 39.39 2.24 0.00 N | 45.94 2.63 0.00 N | 46.34 2.63 0.00 N | 49.39 3.00 0.00 N | 55.93 3.69 0.00 N | 57.20 4.52 0.00 N | 73.80 6.03 0.00 N | 85.74 6.81 0.00 N | 86.27 7.28 0.00 N | 86.93 7.93 0.00 N | 85.05 7.87 0.00 N | 87.26 7.03 -12.00 N | 85.01 6.94 -11.84 N | 85.68 4.21 -36.76 N | 69.06 4.47 -17.90 N | 75.86 4.93 -20.32 N | 41.42 3.40 -1.30 N | 80.27 7.15 0.00 N | 66.31 5.90 -0.52 N | 41.64 3.05 0.00 N |
| HOLTSVILLE_IC_1 23690 | 81.05 4.18 -29.20 N | 84.45 3.83 -33.71 N | 82.66 4.08 -30.98 N | 81.59 3.79 -32.81 N | 77.87 3.14 -37.57 N | 60.38 3.83 -13.24 N | 65.03 3.80 -17.53 N | 83.34 4.07 -32.87 N | 88.64 4.63 -31.76 N | 87.97 5.33 -29.96 N | 89.80 6.75 -15.29 N | 116.19 7.51 -29.75 N | 139.00 7.58 -52.42 N | 134.67 8.19 -47.47 N | 130.43 7.85 -45.40 N | 114.38 6.56 -39.60 N | 111.72 6.24 -39.26 N | 149.91 3.12 -102.08 N | 102.80 3.39 -52.71 N | 142.63 3.48 -88.54 N | 121.40 2.29 -82.39 N | 115.02 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 N |
| HOLTSVILLE_IC_10 23699 | 81.44 4.57 -29.20 N | 84.77 4.14 -33.71 N | 82.96 4.38 -30.98 N | 81.87 4.07 -32.81 N | 78.10 3.38 -37.57 N | 60.66 4.11 -13.24 N | 65.32 4.09 -17.53 N | 83.67 4.39 -32.87 N | 89.05 5.04 -31.76 N | 88.41 5.77 -29.96 N | 90.35 7.30 -15.29 N | 116.85 8.18 -29.75 N | 139.71 8.30 -52.42 N | 135.39 8.92 -47.47 N | 130.98 8.39 -45.40 N | 114.72 6.90 -39.60 N | 112.06 6.58 -39.25 N | 149.63 3.39 -101.53 N | 103.06 3.67 -52.69 N | 142.65 3.74 -88.30 N | 121.52 2.48 -82.32 N | 115.42 6.84 -35.46 N | 138.21 6.52 -71.80 N | 90.82 3.66 -48.57 N |
| HOLTSVILLE_IC_2 23691 | 81.05 4.18 -29.20 N | 84.45 3.83 -33.71 N | 82.66 4.08 -30.98 N | 81.59 3.79 -32.81 N | 77.87 3.14 -37.57 N | 60.38 3.83 -13.24 N | 65.03 3.80 -17.53 N | 83.34 4.07 -32.87 N | 88.64 4.63 -31.76 N | 87.97 5.33 -29.96 N | 89.80 6.75 -15.29 N | 116.19 7.51 -29.75 N | 139.00 7.58 -52.42 N | 134.67 8.19 -47.47 N | 130.43 7.85 -45.40 N | 114.38 6.56 -39.60 N | 111.72 6.24 -39.26 N | 149.91 3.12 -102.08 N | 102.80 3.39 -52.71 N | 142.63 3.48 -88.54 N | 121.40 2.29 -82.39 N | 115.02 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 N |
| HOLTSVILLE_IC_3 23692 | 81.05 4.18 -29.20 N | 84.45 3.83 -33.71 N | 82.66 4.08 -30.98 N | 81.59 3.79 -32.81 N | 77.87 3.14 -37.57 N | 60.38 3.83 -13.24 N | 65.03 3.80 -17.53 N | 83.34 4.07 -32.87 N | 88.64 4.63 -31.76 N | 87.97 5.33 -29.96 N | 89.80 6.75 -15.29 N | 116.19 7.51 -29.75 N | 139.00 7.58 -52.42 N | 134.67 8.19 -47.47 N | 130.43 7.85 -45.40 N | 114.38 6.56 -39.60 N | 111.72 6.24 -39.26 N | 149.91 3.12 -102.08 N | 102.80 3.39 -52.71 N | 142.63 3.48 -88.54 N | 121.40 2.29 -82.39 N | 115.02 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 N |
| HOLTSVILLE_IC_4 23693 | 81.05 4.18 -29.20 N | 84.45 3.83 -33.71 N | 82.66 4.08 -30.98 N | 81.59 3.79 -32.81 N | 77.87 3.14 -37.57 N | 60.38 3.83 -13.24 N | 65.03 3.80 -17.53 N | 83.34 4.07 -32.87 N | 88.64 4.63 -31.76 N | 87.97 5.33 -29.96 N | 89.80 6.75 -15.29 N | 116.19 7.51 -29.75 N | 139.00 7.58 -52.42 N | 134.67 8.19 -47.47 N | 130.43 7.85 -45.40 N | 114.38 6.56 -39.60 N | 111.72 6.24 -39.26 N | 149.91 3.12 -102.08 N | 102.80 3.39 -52.71 N | 142.63 3.48 -88.54 N | 121.40 2.29 -82.39 N | 115.02 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 N |
| HOLTSVILLE_IC_5 23694 | 81.05 4.18 -29.20 N | 84.45 3.83 -33.71 N | 82.66 4.08 -30.98 N | 81.59 3.79 -32.81 N | 77.87 3.14 -37.57 N | 60.38 3.83 -13.24 N | 65.03 3.80 -17.53 N | 83.34 4.07 -32.87 N | 88.64 4.63 -31.76 N | 87.97 5.33 -29.96 N | 89.80 6.75 -15.29 N | 116.19 7.51 -29.75 N | 139.00 7.58 -52.42 N | 134.67 8.19 -47.47 N | 130.43 7.85 -45.40 N | 114.38 6.56 -39.60 N | 111.72 6.24 -39.26 N | 149.91 3.12 -102.08 N | 102.80 3.39 -52.71 N | 142.63 3.48 -88.54 N | 121.40 2.29 -82.39 N | 115.02 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 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 |
|--------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| HOLTSVILLE_IC_6 23695 | 81.44 4.57 -29.20 N | 84.77 4.14 -33.71 N | 82.96 4.38 -30.98 N | 81.87 4.07 -32.81 N | 78.10 3.38 -37.57 N | 60.66 4.11 -13.24 N | 65.32 4.09 -17.53 N | 83.67 4.39 -32.87 N | 89.05 5.04 -31.76 N | 88.41 5.77 -29.96 N | 90.35 7.30 -15.29 N | 116.85 8.18 -29.75 N | 139.71 8.30 -52.42 N | 135.39 8.92 -47.47 N | 130.98 8.39 -45.40 N | 114.72 6.90 -39.60 N | 112.06 6.58 -39.25 N | 149.63 3.39 -101.53 N | 103.06 3.67 -52.69 N | 142.65 3.74 -88.30 N | 121.52 2.48 -82.32 N | 115.42 6.84 -35.46 N | 138.21 6.52 -71.80 N | 90.82 3.66 -48.57 N |
| HOLTSVILLE_IC_7 23696 | 81.44 4.57 -29.20 N | 84.77 4.14 -33.71 N | 82.96 4.38 -30.98 N | 81.87 4.07 -32.81 N | 78.10 3.38 -37.57 N | 60.66 4.11 -13.24 N | 65.32 4.09 -17.53 N | 83.67 4.39 -32.87 N | 89.05 5.04 -31.76 N | 88.41 5.77 -29.96 N | 90.35 7.30 -15.29 N | 116.85 8.18 -29.75 N | 139.71 8.30 -52.42 N | 135.39 8.92 -47.47 N | 130.98 8.39 -45.40 N | 114.72 6.90 -39.60 N | 112.06 6.58 -39.25 N | 149.63 3.39 -101.53 N | 103.06 3.67 -52.69 N | 142.65 3.74 -88.30 N | 121.52 2.48 -82.32 N | 115.42 6.84 -35.46 N | 138.21 6.52 -71.80 N | 90.82 3.66 -48.57 N |
| HOLTSVILLE_IC_8 23697 | 81.44 4.57 -29.20 N | 84.77 4.14 -33.71 N | 82.96 4.38 -30.98 N | 81.87 4.07 -32.81 N | 78.10 3.38 -37.57 N | 60.66 4.11 -13.24 N | 65.32 4.09 -17.53 N | 83.67 4.39 -32.87 N | 89.05 5.04 -31.76 N | 88.41 5.77 -29.96 N | 90.35 7.30 -15.29 N | 116.85 8.18 -29.75 N | 139.71 8.30 -52.42 N | 135.39 8.92 -47.47 N | 130.98 8.39 -45.40 N | 114.72 6.90 -39.60 N | 112.06 6.58 -39.25 N | 149.63 3.39 -101.53 N | 103.06 3.67 -52.69 N | 142.65 3.74 -88.30 N | 121.52 2.48 -82.32 N | 115.42 6.84 -35.46 N | 138.21 6.52 -71.80 N | 90.82 3.66 -48.57 N |
| HOLTSVILLE_IC_9 23698 | 81.44 4.57 -29.20 N | 84.77 4.14 -33.71 N | 82.96 4.38 -30.98 N | 81.87 4.07 -32.81 N | 78.10 3.38 -37.57 N | 60.66 4.11 -13.24 N | 65.32 4.09 -17.53 N | 83.67 4.39 -32.87 N | 89.05 5.04 -31.76 N | 88.41 5.77 -29.96 N | 90.35 7.30 -15.29 N | 116.85 8.18 -29.75 N | 139.71 8.30 -52.42 N | 135.39 8.92 -47.47 N | 130.98 8.39 -45.40 N | 114.72 6.90 -39.60 N | 112.06 6.58 -39.25 N | 149.63 3.39 -101.53 N | 103.06 3.67 -52.69 N | 142.65 3.74 -88.30 N | 121.52 2.48 -82.32 N | 115.42 6.84 -35.46 N | 138.21 6.52 -71.80 N | 90.82 3.66 -48.57 N |
| HQ_GEN_CEDARS 23644 | 46.30 -1.37 0.00 N | 45.70 -1.21 0.00 N | 46.40 -1.20 0.00 N | 44.00 -0.99 0.00 N | 36.34 -0.81 0.00 N | 42.48 -0.83 0.00 N | 43.06 -0.65 0.00 N | 45.63 -0.77 0.00 N | 50.89 -1.36 0.00 N | 50.74 -1.94 0.00 N | 64.87 -2.89 0.00 N | 74.46 -4.46 0.00 N | 67.51 -11.48 0.00 N | 67.45 -11.55 0.00 N | 66.16 -11.02 0.00 N | 58.95 -9.26 0.00 N | 57.27 -8.96 0.00 N | 38.87 -5.84 0.00 N | 41.09 -5.61 0.00 N | 48.57 -2.03 0.00 N | 35.33 -1.39 0.00 N | 70.74 -2.37 0.00 N | 58.21 -1.68 0.00 N | 37.75 -0.85 0.00 N |
| HQ_GEN_CHAT DC 23651 | 47.09 -0.58 0.00 N | 46.43 -0.49 0.00 N | 47.08 -0.51 0.00 N | 44.54 -0.45 0.00 N | 36.82 -0.34 0.00 N | 23.40 -0.30 9.63 N | 43.41 -0.29 0.00 N | 46.02 -0.38 0.00 N | 51.67 -0.58 0.00 N | 51.73 -0.95 0.00 N | 66.27 -1.50 0.00 N | 76.93 -1.99 0.00 N | 76.85 -2.14 0.00 N | 74.46 -2.56 4.82 N | 71.10 -2.22 4.56 N | 66.46 -1.75 0.00 N | 73.84 -2.08 1.14 N | 82.74 -1.89 -5.75 N | 45.59 -1.11 0.00 N | 65.77 -1.22 -11.35 N | 35.93 -0.80 0.00 N | 55.99 -1.11 -10.78 N | 40.76 -0.81 6.26 N | 39.66 -0.41 9.19 N |
| HUDSON_AVE_GT_3 23810 | 51.40 3.72 0.00 N | 50.41 3.49 0.00 N | 51.27 3.67 0.00 N | 48.32 3.33 0.00 N | 39.89 2.74 0.00 N | 46.46 3.15 0.00 N | 46.85 3.14 0.00 N | 49.96 3.56 0.00 N | 56.55 4.30 0.00 N | 57.83 5.15 0.00 N | 74.50 6.74 0.00 N | 86.39 7.46 0.00 N | 86.69 7.69 0.00 N | 87.23 8.23 0.00 N | 85.26 8.08 0.00 N | 89.07 7.22 -13.63 N | 86.29 7.04 -13.03 N | 153.13 4.10 -104.31 N | 101.09 4.34 -50.05 N | 112.38 4.74 -57.03 N | 116.73 3.22 -76.79 N | 85.25 7.08 -5.05 N | 98.04 6.12 -32.04 N | 101.08 3.32 -59.17 N |
| HUDSON_AVE_GT_4 23540 | 51.40 3.72 0.00 N | 50.41 3.49 0.00 N | 51.27 3.67 0.00 N | 48.32 3.33 0.00 N | 39.89 2.74 0.00 N | 46.46 3.15 0.00 N | 46.85 3.14 0.00 N | 49.96 3.56 0.00 N | 56.55 4.30 0.00 N | 57.83 5.15 0.00 N | 74.50 6.74 0.00 N | 86.39 7.46 0.00 N | 86.69 7.69 0.00 N | 87.23 8.23 0.00 N | 85.26 8.08 0.00 N | 89.07 7.22 -13.63 N | 86.29 7.04 -13.03 N | 153.13 4.10 -104.31 N | 101.09 4.34 -50.05 N | 112.38 4.74 -57.03 N | 116.73 3.22 -76.79 N | 85.25 7.08 -5.05 N | 98.04 6.12 -32.04 N | 101.08 3.32 -59.17 N |
| HUDSON_AVE_GT_5 23657 | 51.40 3.72 0.00 N | 50.41 3.49 0.00 N | 51.27 3.67 0.00 N | 48.32 3.33 0.00 N | 39.89 2.74 0.00 N | 46.46 3.15 0.00 N | 46.85 3.14 0.00 N | 49.96 3.56 0.00 N | 56.55 4.30 0.00 N | 57.83 5.15 0.00 N | 74.50 6.74 0.00 N | 86.39 7.46 0.00 N | 86.69 7.69 0.00 N | 87.23 8.23 0.00 N | 85.26 8.08 0.00 N | 89.07 7.22 -13.63 N | 86.29 7.04 -13.03 N | 153.13 4.10 -104.31 N | 101.09 4.34 -50.05 N | 112.38 4.74 -57.03 N | 116.73 3.22 -76.79 N | 85.25 7.08 -5.05 N | 98.04 6.12 -32.04 N | 101.08 3.32 -59.17 N |
| HUDSON_AVE_10 24168 | 51.24 3.57 0.00 N | 50.19 3.28 0.00 N | 51.07 3.47 0.00 N | 48.11 3.12 0.00 N | 39.70 2.55 0.00 N | 46.29 2.97 0.00 N | 46.68 2.97 0.00 N | 49.80 3.40 0.00 N | 56.36 4.11 0.00 N | 57.63 4.95 0.00 N | 74.22 6.45 0.00 N | 86.11 7.19 0.00 N | 86.39 7.40 0.00 N | 86.92 7.92 0.00 N | 84.99 7.81 0.00 N | 88.85 7.00 -13.63 N | 86.01 6.75 -13.03 N | 152.88 3.86 -104.31 N | 100.76 4.02 -50.05 N | 112.01 4.38 -57.02 N | 113.52 2.96 -73.84 N | 84.67 6.61 -4.95 N | 97.79 5.86 -32.04 N | 100.97 3.21 -59.17 N |
| HUNTLEY___63 23557 | 45.41 -2.27 0.00 N | 44.14 -2.77 0.00 N | 44.43 -3.16 0.00 N | 42.43 -2.56 0.00 N | 35.02 -2.14 0.00 N | 40.38 -2.93 0.00 N | 41.19 -2.52 0.00 N | 43.88 -2.52 0.00 N | 50.48 -1.76 0.00 N | 50.14 -2.54 0.00 N | 65.88 -1.89 0.00 N | 79.32 0.40 0.00 N | 79.80 0.81 0.00 N | 78.85 -0.16 0.00 N | 76.57 -0.61 0.00 N | 67.92 -0.29 0.00 N | 65.47 -0.76 0.00 N | 44.46 -0.25 0.00 N | 45.55 -1.15 0.00 N | 49.12 -1.49 0.00 N | 36.52 -0.21 0.00 N | 70.86 -2.25 0.00 N | 57.47 -2.42 0.00 N | 36.51 -2.09 0.00 N |
| HUNTLEY___64 23558 | 45.41 -2.27 0.00 N | 44.14 -2.77 0.00 N | 44.43 -3.16 0.00 N | 42.43 -2.56 0.00 N | 35.02 -2.14 0.00 N | 40.38 -2.93 0.00 N | 41.19 -2.52 0.00 N | 43.88 -2.52 0.00 N | 50.48 -1.76 0.00 N | 50.14 -2.54 0.00 N | 65.88 -1.89 0.00 N | 79.32 0.40 0.00 N | 79.80 0.81 0.00 N | 78.85 -0.16 0.00 N | 76.57 -0.61 0.00 N | 67.92 -0.29 0.00 N | 65.47 -0.76 0.00 N | 44.46 -0.25 0.00 N | 45.55 -1.15 0.00 N | 49.12 -1.49 0.00 N | 36.52 -0.21 0.00 N | 70.86 -2.25 0.00 N | 57.47 -2.42 0.00 N | 36.51 -2.09 0.00 N |
| HUNTLEY___65 23559 | 45.41 -2.27 0.00 N | 44.14 -2.77 0.00 N | 44.43 -3.16 0.00 N | 42.43 -2.56 0.00 N | 35.02 -2.14 0.00 N | 40.38 -2.93 0.00 N | 41.19 -2.52 0.00 N | 43.88 -2.52 0.00 N | 50.48 -1.76 0.00 N | 50.14 -2.54 0.00 N | 65.88 -1.89 0.00 N | 79.32 0.40 0.00 N | 79.80 0.81 0.00 N | 78.85 -0.16 0.00 N | 76.57 -0.61 0.00 N | 67.92 -0.29 0.00 N | 65.47 -0.76 0.00 N | 44.46 -0.25 0.00 N | 45.55 -1.15 0.00 N | 49.12 -1.49 0.00 N | 36.52 -0.21 0.00 N | 70.86 -2.25 0.00 N | 57.47 -2.42 0.00 N | 36.51 -2.09 0.00 N |
| HUNTLEY___66 | 45.41 | 44.14 | 44.43 | 42.43 | 35.02 | 40.38 | 41.19 | 43.88 | 50.48 | 50.14 | 65.88 | 79.32 | 79.80 | 78.85 | 76.57 | 67.92 | 65.47 | 44.46 | 45.55 | 49.12 | 36.52 | 70.86 | 57.47 | 36.51 |

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| 23560 | -2.27 0.00 N | -2.77 0.00 N | -3.16 0.00 N | -2.56 0.00 N | -2.14 0.00 N | -2.93 0.00 N | -2.52 0.00 N | -2.52 0.00 N | -1.76 0.00 N | -2.54 0.00 N | -1.89 0.00 N | 0.40 0.00 N | 0.81 0.00 N | -0.16 0.00 N | -0.61 0.00 N | -0.29 0.00 N | -0.76 0.00 N | -0.25 0.00 N | -1.15 0.00 N | -1.49 0.00 N | -0.21 0.00 N | -2.25 0.00 N | -2.42 0.00 N | -2.09 0.00 N |
| HUNTLEY____67 23561 | 44.97 -2.70 0.00 N | 43.60 -3.31 0.00 N | 43.82 -3.78 0.00 N | 41.84 -3.16 0.00 N | 34.55 -2.61 0.00 N | 39.83 -3.48 0.00 N | 40.61 -3.10 0.00 N | 43.25 -3.15 0.00 N | 49.73 -2.52 0.00 N | 49.48 -3.20 0.00 N | 65.18 -2.59 0.00 N | 78.67 -0.25 0.00 N | 79.19 0.20 0.00 N | 78.26 -0.74 0.00 N | 76.01 -1.18 0.00 N | 67.43 -0.78 0.00 N | 65.04 -1.19 0.00 N | 44.12 -0.59 0.00 N | 45.27 -1.43 0.00 N | 48.90 -1.70 0.00 N | 36.29 -0.43 0.00 N | 70.47 -2.65 0.00 N | 57.17 -2.72 0.00 N | 36.31 -2.28 0.00 N |
| HUNTLEY____68 23562 | 44.97 -2.70 0.00 N | 43.60 -3.31 0.00 N | 43.82 -3.78 0.00 N | 41.84 -3.16 0.00 N | 34.55 -2.61 0.00 N | 39.83 -3.48 0.00 N | 40.61 -3.10 0.00 N | 43.25 -3.15 0.00 N | 49.73 -2.52 0.00 N | 49.48 -3.20 0.00 N | 65.18 -2.59 0.00 N | 78.67 -0.25 0.00 N | 79.19 0.20 0.00 N | 78.26 -0.74 0.00 N | 76.01 -1.18 0.00 N | 67.43 -0.78 0.00 N | 65.04 -1.19 0.00 N | 44.12 -0.59 0.00 N | 45.27 -1.43 0.00 N | 48.90 -1.70 0.00 N | 36.29 -0.43 0.00 N | 70.47 -2.65 0.00 N | 57.17 -2.72 0.00 N | 36.31 -2.28 0.00 N |
| INDECK____CORINTH 23802 | 48.34 0.66 0.00 N | 47.75 0.83 0.00 N | 48.30 0.71 0.00 N | 45.53 0.55 0.00 N | 37.42 0.27 0.00 N | 43.90 0.59 0.00 N | 44.15 0.44 0.00 N | 47.29 0.89 0.00 N | 53.53 1.28 0.00 N | 54.97 2.29 0.00 N | 71.13 3.37 0.00 N | 82.14 3.22 0.00 N | 81.92 2.93 0.00 N | 82.20 3.20 0.00 N | 80.42 3.24 0.00 N | 72.06 2.82 -1.02 N | 69.98 2.89 -0.86 N | 49.13 1.82 -2.60 N | 50.28 2.31 -1.26 N | 54.47 2.43 -1.43 N | 38.18 1.36 -0.09 N | 76.07 2.96 0.00 N | 62.56 2.63 -0.04 N | 39.63 1.04 0.00 N |
| INDECK____ILION 23567 | 48.95 1.28 0.00 N | 48.18 1.27 0.00 N | 48.92 1.32 0.00 N | 46.21 1.22 0.00 N | 38.13 0.98 0.00 N | 44.48 1.17 0.00 N | 44.80 1.09 0.00 N | 47.64 1.24 0.00 N | 53.81 1.56 0.00 N | 54.64 1.95 0.00 N | 70.50 2.73 0.00 N | 82.08 3.16 0.00 N | 82.20 3.21 0.00 N | 82.29 3.29 0.00 N | 80.33 3.14 0.00 N | 70.93 2.72 0.00 N | 68.89 2.66 0.00 N | 46.38 1.67 0.00 N | 48.54 1.84 0.00 N | 52.65 2.04 0.00 N | 38.08 1.35 0.00 N | 75.77 2.66 0.00 N | 62.08 2.19 0.00 N | 39.71 1.12 0.00 N |
| INDECK____OLEAN 23982 | 46.02 -1.66 0.00 N | 44.49 -2.42 0.00 N | 44.88 -2.72 0.00 N | 42.82 -2.17 0.00 N | 35.44 -1.71 0.00 N | 40.96 -2.35 0.00 N | 41.68 -2.03 0.00 N | 44.57 -1.83 0.00 N | 51.22 -1.03 0.00 N | 50.37 -2.32 0.00 N | 66.18 -1.59 0.00 N | 79.56 0.64 0.00 N | 80.46 1.47 0.00 N | 79.84 0.84 0.00 N | 77.39 0.20 0.00 N | 68.74 0.52 0.00 N | 66.38 0.15 0.00 N | 44.69 -0.02 0.00 N | 45.91 -0.79 0.00 N | 50.01 -0.60 0.00 N | 36.91 0.18 0.00 N | 74.07 0.95 0.00 N | 60.07 0.18 0.00 N | 37.91 -0.68 0.00 N |
| INDECK____OSWEGO 23783 | 46.95 -0.72 0.00 N | 46.02 -0.89 0.00 N | 46.59 -1.01 0.00 N | 44.08 -0.91 0.00 N | 36.39 -0.77 0.00 N | 42.37 -0.94 0.00 N | 42.81 -0.90 0.00 N | 45.47 -0.93 0.00 N | 51.35 -0.90 0.00 N | 51.76 -0.92 0.00 N | 66.73 -1.04 0.00 N | 78.13 -0.79 0.00 N | 78.37 -0.62 0.00 N | 78.31 -0.69 0.00 N | 76.44 -0.74 0.00 N | 67.58 -0.63 0.00 N | 65.43 -0.80 0.00 N | 44.26 -0.45 0.00 N | 46.08 -0.62 0.00 N | 49.90 -0.70 0.00 N | 36.28 -0.45 0.00 N | 71.89 -1.23 0.00 N | 58.78 -1.11 0.00 N | 37.99 -0.61 0.00 N |
| INDECK____YERKES 23781 | 45.41 -2.27 0.00 N | 44.14 -2.77 0.00 N | 44.43 -3.16 0.00 N | 42.43 -2.56 0.00 N | 35.02 -2.14 0.00 N | 40.38 -2.93 0.00 N | 41.19 -2.52 0.00 N | 43.88 -2.52 0.00 N | 50.48 -1.76 0.00 N | 50.14 -2.54 0.00 N | 65.88 -1.89 0.00 N | 79.32 0.40 0.00 N | 79.80 0.81 0.00 N | 78.85 -0.16 0.00 N | 76.57 -0.61 0.00 N | 67.92 -0.29 0.00 N | 65.47 -0.76 0.00 N | 44.46 -0.25 0.00 N | 45.55 -1.15 0.00 N | 49.12 -1.49 0.00 N | 36.52 -0.21 0.00 N | 70.86 -2.25 0.00 N | 57.47 -2.42 0.00 N | 36.51 -2.09 0.00 N |
| INDIAN POINT_GT_1 24139 | 50.80 3.13 0.00 N | 49.81 2.90 0.00 N | 50.65 3.05 0.00 N | 47.69 2.70 0.00 N | 39.37 2.22 0.00 N | 45.90 2.59 0.00 N | 46.28 2.58 0.00 N | 49.33 2.93 0.00 N | 55.81 3.56 0.00 N | 57.06 4.38 0.00 N | 73.58 5.82 0.00 N | 85.39 6.47 0.00 N | 85.81 6.81 0.00 N | 86.39 7.39 0.00 N | 84.52 7.34 0.00 N | 88.17 6.56 -13.40 N | 85.50 6.45 -12.82 N | 152.25 3.85 -103.69 N | 100.56 4.11 -49.75 N | 111.80 4.51 -56.68 N | 116.22 3.07 -76.42 N | 84.73 6.57 -5.05 N | 65.97 5.50 -0.58 N | 41.46 2.87 0.00 N |
| INDIAN POINT_GT_2 23659 | 50.80 3.13 0.00 N | 49.81 2.90 0.00 N | 50.65 3.05 0.00 N | 47.69 2.70 0.00 N | 39.37 2.22 0.00 N | 45.90 2.59 0.00 N | 46.28 2.58 0.00 N | 49.33 2.93 0.00 N | 55.81 3.56 0.00 N | 57.06 4.38 0.00 N | 73.58 5.82 0.00 N | 85.39 6.47 0.00 N | 85.81 6.81 0.00 N | 86.39 7.39 0.00 N | 84.52 7.34 0.00 N | 88.17 6.56 -13.40 N | 85.50 6.45 -12.82 N | 152.25 3.85 -103.69 N | 100.56 4.11 -49.75 N | 111.80 4.51 -56.68 N | 116.22 3.07 -76.42 N | 84.73 6.57 -5.05 N | 65.97 5.50 -0.58 N | 41.46 2.87 0.00 N |
| INDIAN POINT_GT_3 24019 | 50.80 3.13 0.00 N | 49.81 2.90 0.00 N | 50.65 3.05 0.00 N | 47.69 2.70 0.00 N | 39.37 2.22 0.00 N | 45.90 2.59 0.00 N | 46.28 2.58 0.00 N | 49.33 2.93 0.00 N | 55.81 3.56 0.00 N | 57.06 4.38 0.00 N | 73.58 5.82 0.00 N | 85.39 6.47 0.00 N | 85.81 6.81 0.00 N | 86.39 7.39 0.00 N | 84.52 7.34 0.00 N | 88.17 6.56 -13.40 N | 85.50 6.45 -12.82 N | 152.25 3.85 -103.69 N | 100.56 4.11 -49.75 N | 111.80 4.51 -56.68 N | 116.22 3.07 -76.42 N | 84.73 6.57 -5.05 N | 65.97 5.50 -0.58 N | 41.46 2.87 0.00 N |
| INDIAN POINT____2 23530 | 50.70 3.02 0.00 N | 49.70 2.79 0.00 N | 50.53 2.94 0.00 N | 47.59 2.60 0.00 N | 39.28 2.13 0.00 N | 45.81 2.50 0.00 N | 46.19 2.49 0.00 N | 49.23 2.83 0.00 N | 55.69 3.44 0.00 N | 56.94 4.25 0.00 N | 73.40 5.63 0.00 N | 85.20 6.28 0.00 N | 85.64 6.65 0.00 N | 86.26 7.26 0.00 N | 84.38 7.20 0.00 N | 87.54 6.43 -12.89 N | 85.05 6.34 -12.49 N | 151.23 3.77 -102.75 N | 100.03 4.04 -49.29 N | 111.21 4.44 -56.16 N | 116.15 3.03 -76.39 N | 84.65 6.48 -5.05 N | 65.85 5.41 -0.56 N | 41.41 2.81 0.00 N |
| INDIAN POINT____3 23531 | 50.65 2.98 0.00 N | 49.66 2.75 0.00 N | 50.50 2.91 0.00 N | 47.56 2.57 0.00 N | 39.26 2.11 0.00 N | 45.78 2.46 0.00 N | 46.15 2.44 0.00 N | 49.19 2.79 0.00 N | 55.61 3.36 0.00 N | 56.86 4.18 0.00 N | 73.32 5.55 0.00 N | 85.06 6.14 0.00 N | 85.47 6.48 0.00 N | 86.05 7.05 0.00 N | 84.19 7.01 0.00 N | 87.87 6.25 -13.40 N | 85.23 6.16 -12.85 N | 152.16 3.66 -103.79 N | 100.44 3.94 -49.80 N | 111.67 4.33 -56.74 N | 116.09 2.95 -76.42 N | 84.49 6.32 -5.05 N | 65.75 5.28 -0.58 N | 41.34 2.74 0.00 N |
| IP CORINTH____1 23988 | 48.75 1.08 0.00 N | 48.15 1.24 0.00 N | 48.70 1.10 0.00 N | 45.92 0.93 0.00 N | 37.75 0.60 0.00 N | 44.27 0.96 0.00 N | 44.52 0.81 0.00 N | 47.68 1.28 0.00 N | 53.99 1.74 0.00 N | 55.45 2.77 0.00 N | 71.75 3.98 0.00 N | 82.87 3.95 0.00 N | 82.67 3.68 0.00 N | 82.96 3.96 0.00 N | 81.13 3.95 0.00 N | 72.70 3.47 -1.02 N | 70.61 3.52 -0.86 N | 49.54 2.23 -2.60 N | 50.71 2.75 -1.26 N | 54.93 2.89 -1.43 N | 38.52 1.71 -0.09 N | 76.74 3.63 0.00 N | 63.11 3.18 -0.04 N | 39.97 1.38 0.00 N |

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| IP____TICONDEROGA 23804 | 51.40 3.72 0.00 N | 50.86 3.95 0.00 N | 51.32 3.73 0.00 N | 48.36 3.37 0.00 N | 39.63 2.48 0.00 N | 46.57 3.25 0.00 N | 46.72 3.02 0.00 N | 50.05 3.65 0.00 N | 56.39 4.14 0.00 N | 57.87 5.19 0.00 N | 74.75 6.98 0.00 N | 86.00 7.08 0.00 N | 85.36 6.37 0.00 N | 85.63 6.64 0.00 N | 83.82 6.64 0.00 N | 75.95 5.78 -1.95 N | 73.63 5.72 -1.69 N | 53.58 3.78 -5.09 N | 53.93 4.76 -2.48 N | 58.67 5.25 -2.81 N | 40.11 3.21 -0.18 N | 79.80 6.69 0.00 N | 65.81 5.84 -0.08 N | 41.66 3.07 0.00 N |
| JARVIS____ 23743 | 47.91 0.24 0.00 N | 47.15 0.24 0.00 N | 47.83 0.24 0.00 N | 45.22 0.23 0.00 N | 37.34 0.18 0.00 N | 43.53 0.21 0.00 N | 43.89 0.18 0.00 N | 46.63 0.23 0.00 N | 52.55 0.30 0.00 N | 53.11 0.43 0.00 N | 68.38 0.62 0.00 N | 79.64 0.72 0.00 N | 79.71 0.72 0.00 N | 79.79 0.79 0.00 N | 77.90 0.71 0.00 N | 68.72 0.50 0.00 N | 66.75 0.53 0.00 N | 45.03 0.32 0.00 N | 47.07 0.37 0.00 N | 50.99 0.39 0.00 N | 36.99 0.26 0.00 N | 73.63 0.51 0.00 N | 60.31 0.42 0.00 N | 38.81 0.21 0.00 N |
| JENNISON____1 23625 | 48.60 0.92 0.00 N | 47.63 0.72 0.00 N | 48.30 0.71 0.00 N | 45.75 0.75 0.00 N | 37.84 0.68 0.00 N | 44.03 0.72 0.00 N | 44.55 0.84 0.00 N | 47.57 1.17 0.00 N | 54.24 1.99 0.00 N | 55.05 2.37 0.00 N | 71.53 3.77 0.00 N | 84.10 5.18 0.00 N | 84.46 5.46 0.00 N | 84.38 5.38 0.00 N | 82.09 4.91 0.00 N | 72.68 4.46 0.00 N | 70.75 4.11 -0.42 N | 48.84 2.57 -1.56 N | 49.80 2.35 -0.76 N | 54.18 2.71 -0.86 N | 38.71 1.92 -0.06 N | 76.58 3.46 0.00 N | 62.45 2.56 0.00 N | 39.84 1.24 0.00 N |
| JENNISON____2 23626 | 48.54 0.87 0.00 N | 47.58 0.66 0.00 N | 48.26 0.66 0.00 N | 45.70 0.71 0.00 N | 37.80 0.64 0.00 N | 43.99 0.68 0.00 N | 44.50 0.79 0.00 N | 47.52 1.12 0.00 N | 54.16 1.91 0.00 N | 54.98 2.29 0.00 N | 71.42 3.66 0.00 N | 83.95 5.03 0.00 N | 84.32 5.32 0.00 N | 84.24 5.23 0.00 N | 81.96 4.77 0.00 N | 72.54 4.33 0.00 N | 70.63 3.98 -0.42 N | 48.76 2.49 -1.56 N | 49.72 2.27 -0.76 N | 54.09 2.62 -0.86 N | 38.65 1.87 -0.06 N | 76.48 3.36 0.00 N | 62.36 2.47 0.00 N | 39.79 1.19 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 81.22 4.36 -29.20 N | 84.56 3.94 -33.71 N | 82.80 4.22 -30.98 N | 81.74 3.93 -32.81 N | 78.00 3.27 -37.57 N | 60.56 4.01 -13.24 N | 65.22 3.98 -17.53 N | 83.50 4.22 -32.87 N | 88.77 4.76 -31.76 N | 88.10 5.46 -29.96 N | 89.53 6.48 -15.29 N | 115.87 7.20 -29.75 N | 138.67 7.26 -52.42 N | 134.37 7.91 -47.47 N | 130.14 7.55 -45.40 N | 114.09 6.28 -39.60 N | 111.45 5.97 -39.25 N | 149.11 2.97 -101.42 N | 102.67 3.28 -52.69 N | 142.15 3.29 -88.25 N | 121.18 2.15 -82.30 N | 114.78 6.23 -35.44 N | 137.60 5.91 -71.80 N | 90.60 3.43 -48.57 N |
| KEDC PORT_JEFF_GT3 24211 | 81.22 4.36 -29.20 N | 84.56 3.94 -33.71 N | 82.80 4.22 -30.98 N | 81.74 3.93 -32.81 N | 78.00 3.27 -37.57 N | 60.56 4.01 -13.24 N | 65.22 3.98 -17.53 N | 83.50 4.22 -32.87 N | 88.77 4.76 -31.76 N | 88.10 5.46 -29.96 N | 89.53 6.48 -15.29 N | 115.87 7.20 -29.75 N | 138.67 7.26 -52.42 N | 134.37 7.91 -47.47 N | 130.14 7.55 -45.40 N | 114.09 6.28 -39.60 N | 111.45 5.97 -39.25 N | 149.11 2.97 -101.42 N | 102.67 3.28 -52.69 N | 142.15 3.29 -88.25 N | 121.18 2.15 -82.30 N | 114.78 6.23 -35.44 N | 137.60 5.91 -71.80 N | 90.60 3.43 -48.57 N |
| KEDC_GLWD_GT4 24219 | 81.04 4.17 -29.20 N | 84.54 3.92 -33.71 N | 82.70 4.13 -30.98 N | 81.56 3.76 -32.81 N | 77.80 3.08 -37.57 N | 60.09 3.54 -13.24 N | 64.77 3.96 -17.53 N | 83.24 4.71 -32.87 N | 88.72 4.71 -31.76 N | 87.95 5.31 -29.96 N | 89.95 6.89 -15.29 N | 116.30 7.63 -29.75 N | 139.26 7.85 -52.42 N | 134.83 8.36 -47.47 N | 130.93 8.35 -45.40 N | 115.29 7.47 -39.60 N | 112.78 7.28 -39.27 N | 153.48 4.28 -104.48 N | 104.08 4.58 -52.80 N | 145.06 4.86 -89.59 N | 122.70 3.27 -82.70 N | 116.59 7.47 -36.01 N | 138.11 6.42 -71.80 N | 90.81 3.65 -48.57 N |
| KEDC_GLWD_GT5 24220 | 81.04 4.17 -29.20 N | 84.54 3.92 -33.71 N | 82.70 4.13 -30.98 N | 81.56 3.76 -32.81 N | 77.80 3.08 -37.57 N | 60.09 3.54 -13.24 N | 64.77 3.96 -17.53 N | 83.24 4.71 -32.87 N | 88.72 4.71 -31.76 N | 87.95 5.31 -29.96 N | 89.95 6.89 -15.29 N | 116.30 7.63 -29.75 N | 139.26 7.85 -52.42 N | 134.83 8.36 -47.47 N | 130.93 8.35 -45.40 N | 115.29 7.47 -39.60 N | 112.78 7.28 -39.27 N | 153.48 4.28 -104.48 N | 104.08 4.58 -52.80 N | 145.06 4.86 -89.59 N | 122.70 3.27 -82.70 N | 116.59 7.47 -36.01 N | 138.11 6.42 -71.80 N | 90.81 3.65 -48.57 N |
| KENSICO____ 23655 | 51.05 3.38 0.00 N | 50.07 3.16 0.00 N | 50.91 3.31 0.00 N | 47.96 2.97 0.00 N | 39.58 2.42 0.00 N | 46.15 2.84 0.00 N | 46.52 2.81 0.00 N | 49.59 3.19 0.00 N | 56.09 3.84 0.00 N | 57.35 4.67 0.00 N | 73.94 6.18 0.00 N | 85.80 6.87 0.00 N | 86.15 7.16 0.00 N | 86.71 7.71 0.00 N | 84.82 7.64 0.00 N | 88.62 6.81 -13.59 N | 85.90 6.68 -12.99 N | 152.89 3.97 -104.21 N | 100.95 4.25 -50.00 N | 112.22 4.65 -56.97 N | 116.33 3.17 -76.44 N | 84.97 6.80 -5.05 N | 66.21 5.73 -0.59 N | 41.65 3.05 0.00 N |
| KIAC_JFK_GT1 23816 | 51.18 3.50 0.00 N | 50.11 3.20 0.00 N | 51.00 3.40 0.00 N | 48.09 3.10 0.00 N | 39.67 2.52 0.00 N | 46.27 2.95 0.00 N | 46.66 2.95 0.00 N | 49.78 3.38 0.00 N | 56.36 4.11 0.00 N | 57.61 4.93 0.00 N | 74.13 6.36 0.00 N | 86.14 7.22 0.00 N | 86.46 7.47 0.00 N | 86.99 7.99 0.00 N | 85.14 7.95 0.00 N | 89.00 7.15 -13.63 N | 85.88 6.62 -13.03 N | 152.61 3.59 -104.31 N | 100.36 3.61 -50.05 N | 111.55 3.93 -57.02 N | 113.20 2.63 -73.84 N | 84.15 6.09 -4.95 N | 97.63 5.70 -32.04 N | 101.02 3.25 -59.17 N |
| KIAC_JFK_GT2 23817 | 51.18 3.50 0.00 N | 50.11 3.20 0.00 N | 51.00 3.40 0.00 N | 48.09 3.10 0.00 N | 39.67 2.52 0.00 N | 46.27 2.95 0.00 N | 46.66 2.95 0.00 N | 49.78 3.38 0.00 N | 56.36 4.11 0.00 N | 57.61 4.93 0.00 N | 74.13 6.36 0.00 N | 86.14 7.22 0.00 N | 86.46 7.47 0.00 N | 86.99 7.99 0.00 N | 85.14 7.95 0.00 N | 89.00 7.15 -13.63 N | 85.88 6.62 -13.03 N | 152.61 3.59 -104.31 N | 100.36 3.61 -50.05 N | 111.55 3.93 -57.02 N | 113.20 2.63 -73.84 N | 84.15 6.09 -4.95 N | 97.63 5.70 -32.04 N | 101.02 3.25 -59.17 N |
| KINTIGH____ 23543 | 44.77 -2.91 0.00 N | 43.46 -3.45 0.00 N | 43.70 -3.90 0.00 N | 41.64 -3.36 0.00 N | 34.36 -2.79 0.00 N | 39.70 -3.62 0.00 N | 40.41 -3.30 0.00 N | 42.99 -3.41 0.00 N | 49.27 -2.98 0.00 N | 49.12 -3.56 0.00 N | 64.41 -3.36 0.00 N | 77.36 -1.57 0.00 N | 77.78 -1.21 0.00 N | 76.99 -2.01 0.00 N | 74.84 -2.34 0.00 N | 66.35 -1.86 0.00 N | 64.01 -2.22 0.00 N | 43.49 -1.23 0.00 N | 44.72 -1.99 0.00 N | 48.25 -2.36 0.00 N | 35.73 -0.99 0.00 N | 69.52 -3.59 0.00 N | 56.46 -3.43 0.00 N | 36.00 -2.59 0.00 N |
| LEDERLE____ 23769 | 51.90 4.23 0.00 N | 50.83 3.92 0.00 N | 51.66 4.06 0.00 N | 48.66 3.67 0.00 N | 40.18 3.03 0.00 N | 46.83 3.52 0.00 N | 47.24 3.53 0.00 N | 50.38 3.98 0.00 N | 57.06 4.81 0.00 N | 58.38 5.70 0.00 N | 75.40 7.63 0.00 N | 87.67 8.75 0.00 N | 88.28 9.29 0.00 N | 88.95 9.95 0.00 N | 87.07 9.88 0.00 N | 89.57 8.84 -12.52 N | 87.10 8.67 -12.20 N | 87.86 5.35 -37.79 N | 70.75 5.65 -18.40 N | 77.70 6.20 -20.90 N | 42.39 4.33 -1.33 N | 82.03 8.92 0.00 N | 67.79 7.36 -0.54 N | 42.53 3.93 0.00 N |
| LINDEN COGEN____ 23786 | 39.80 3.38 11.26 | 50.09 3.18 0.00 | 50.96 3.36 0.00 | 48.01 3.02 0.00 | 39.63 2.47 0.00 | 46.18 2.86 0.00 | 46.59 2.88 0.00 | 49.67 3.27 0.00 | 56.21 3.96 0.00 | 57.48 4.80 0.00 | 74.04 6.28 0.00 | 85.89 6.96 0.00 | 86.17 7.18 0.00 | 86.70 7.69 0.00 | 84.70 7.51 0.00 | 88.62 6.77 -13.63 | 85.86 6.61 -13.03 | 152.84 3.82 -104.31 | 100.78 4.04 -50.05 | 112.05 4.41 -57.03 | 116.50 2.98 -76.79 | 84.76 6.60 -5.05 | 97.62 5.69 -32.04 | 100.77 3.01 -59.17 |

| | 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 |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|---|
| LIPA_MISC_IPP 23656 | 81.11 4.23 -29.20 N | 84.52 3.90 -33.71 N | 82.72 4.14 -30.98 N | 81.64 3.84 -32.81 N | 77.91 3.19 -37.57 N | 60.43 3.88 -13.24 N | 65.09 3.86 -17.53 N | 83.43 4.15 -32.87 N | 88.73 4.72 -31.76 N | 88.11 5.47 -29.96 N | 89.99 6.94 -15.29 N | 116.43 7.76 -29.75 N | 139.17 7.75 -52.42 N | 134.86 8.39 -47.47 N | 130.64 8.05 -45.40 N | 114.47 6.66 -39.60 N | 111.84 6.35 -39.26 N | 149.94 3.20 -102.02 N | 102.87 3.46 -52.71 N | 142.71 3.59 -88.51 N | 121.47 2.37 -82.38 N | 115.24 6.57 -35.55 N | 137.88 6.19 -71.80 N | 90.57 3.41 -48.57 N | |
| LITTLE FALLS___HYD 24013 | 50.15 2.48 0.00 N | 49.45 2.54 0.00 N | 50.26 2.66 0.00 N | 47.47 2.48 0.00 N | 39.13 1.97 0.00 N | 45.67 2.35 0.00 N | 45.88 2.17 0.00 N | 48.83 2.43 0.00 N | 55.24 2.99 0.00 N | 56.45 3.77 0.00 N | 73.05 5.28 0.00 N | 84.90 5.98 0.00 N | 85.07 6.08 0.00 N | 85.22 6.22 0.00 N | 83.16 5.97 0.00 N | 73.53 5.32 0.00 N | 71.47 5.25 0.00 N | 47.96 3.25 0.00 N | 50.33 3.63 0.00 N | 54.66 4.05 0.00 N | 39.39 2.66 0.00 N | 78.38 5.26 0.00 N | 64.22 4.33 0.00 N | 40.77 2.18 0.00 N | |
| LONG LAKE_PHOENIX 24014 | 47.23 -0.44 0.00 N | 46.26 -0.66 0.00 N | 46.80 -0.79 0.00 N | 44.28 -0.71 0.00 N | 36.56 -0.59 0.00 N | 42.57 -0.74 0.00 N | 43.01 -0.69 0.00 N | 45.71 -0.69 0.00 N | 51.66 -0.59 0.00 N | 52.11 -0.57 0.00 N | 67.26 -0.50 0.00 N | 78.84 -0.09 0.00 N | 79.09 0.10 0.00 N | 79.03 0.03 0.00 N | 77.15 -0.04 0.00 N | 68.12 -0.09 0.00 N | 65.95 -0.28 0.00 N | 44.57 -0.14 0.00 N | 46.41 -0.29 0.00 N | 50.27 -0.34 0.00 N | 36.56 -0.16 0.00 N | 72.42 -0.70 0.00 N | 59.21 -0.68 0.00 N | 38.23 -0.37 0.00 N | |
| LOVETT___3 23632 | 49.83 2.16 0.00 N | 48.84 1.93 0.00 N | 49.68 2.09 0.00 N | 46.84 1.85 0.00 N | 38.71 1.56 0.00 N | 45.11 1.79 0.00 N | 45.50 1.79 0.00 N | 48.42 2.02 0.00 N | 54.61 2.37 0.00 N | 55.81 3.13 0.00 N | 71.89 4.12 0.00 N | 83.31 4.38 0.00 N | 83.78 4.79 0.00 N | 84.41 5.41 0.00 N | 82.62 5.44 0.00 N | 85.63 4.85 -12.56 N | 83.29 4.82 -12.24 N | 85.41 2.80 -37.90 N | 68.21 3.06 -18.45 N | 74.96 3.40 -20.95 N | 40.44 2.37 -1.34 N | 78.18 5.07 0.00 N | 64.59 4.16 -0.54 N | 40.69 2.10 0.00 N | |
| LOVETT___4 23642 | 50.56 2.89 0.00 N | 49.54 2.63 0.00 N | 50.40 2.80 0.00 N | 47.49 2.50 0.00 N | 39.24 2.09 0.00 N | 45.73 2.41 0.00 N | 46.12 2.42 0.00 N | 49.12 2.72 0.00 N | 55.46 3.21 0.00 N | 56.68 4.00 0.00 N | 73.08 5.32 0.00 N | 84.81 5.88 0.00 N | 85.29 6.30 0.00 N | 85.95 6.94 0.00 N | 84.12 6.93 0.00 N | 86.96 6.18 -12.56 N | 84.57 6.11 -12.24 N | 86.26 3.65 -37.90 N | 69.08 3.93 -18.45 N | 75.89 4.33 -20.95 N | 41.10 3.04 -1.34 N | 79.50 6.38 0.00 N | 65.65 5.22 -0.54 N | 41.34 2.74 0.00 N | |
| LOVETT___5 23593 | 50.56 2.89 0.00 N | 49.54 2.63 0.00 N | 50.40 2.80 0.00 N | 47.49 2.50 0.00 N | 39.24 2.09 0.00 N | 45.73 2.41 0.00 N | 46.12 2.42 0.00 N | 49.12 2.72 0.00 N | 55.46 3.21 0.00 N | 56.68 4.00 0.00 N | 73.08 5.32 0.00 N | 84.81 5.88 0.00 N | 85.29 6.30 0.00 N | 85.95 6.94 0.00 N | 84.12 6.93 0.00 N | 86.96 6.18 -12.56 N | 84.57 6.11 -12.24 N | 86.26 3.65 -37.90 N | 69.08 3.93 -18.45 N | 75.89 4.33 -20.95 N | 41.10 3.04 -1.34 N | 79.50 6.38 0.00 N | 65.65 5.22 -0.54 N | 41.34 2.74 0.00 N | |
| LOWER RAQUET___HYD 24057 | 46.65 -1.02 0.00 N | 45.72 -1.20 0.00 N | 46.42 -1.18 0.00 N | 44.09 -0.90 0.00 N | 36.34 -0.81 0.00 N | 42.53 -0.79 0.00 N | 43.10 -0.61 0.00 N | 45.65 -0.75 0.00 N | 50.68 -1.57 0.00 N | 50.49 -2.19 0.00 N | 64.24 -3.53 0.00 N | 74.30 -4.62 0.00 N | 73.25 -5.74 0.00 N | 72.96 -6.04 0.00 N | 71.82 -5.37 0.00 N | 64.28 -3.93 0.00 N | 62.82 -3.41 0.00 N | 42.63 -2.08 0.00 N | 44.57 -2.13 0.00 N | 48.80 -1.81 0.00 N | 35.41 -1.31 0.00 N | 70.99 -2.12 0.00 N | 58.75 -1.14 0.00 N | 37.96 -0.63 0.00 N | |
| LOWER___HUDSON 24059 | 49.43 1.75 0.00 N | 48.80 1.89 0.00 N | 49.54 1.95 0.00 N | 46.78 1.79 0.00 N | 38.51 1.35 0.00 N | 45.01 1.70 0.00 N | 45.19 1.48 0.00 N | 48.14 1.74 0.00 N | 54.24 1.99 0.00 N | 55.30 2.62 0.00 N | 71.34 3.58 0.00 N | 82.64 3.72 0.00 N | 82.53 3.54 0.00 N | 82.75 3.75 0.00 N | 80.98 3.80 0.00 N | 72.21 3.34 -0.65 N | 70.16 3.38 -0.55 N | 48.54 2.16 -1.66 N | 50.18 2.68 -0.81 N | 54.35 2.83 -0.92 N | 38.54 1.75 -0.06 N | 76.76 3.64 0.00 N | 62.82 2.90 -0.03 N | 40.10 1.50 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 47.10 -0.57 0.00 N | 46.16 -0.75 0.00 N | 46.81 -0.78 0.00 N | 44.38 -0.61 0.00 N | 36.59 -0.56 0.00 N | 42.79 -0.53 0.00 N | 43.33 -0.37 0.00 N | 46.01 -0.39 0.00 N | 51.48 -0.77 0.00 N | 51.62 -1.06 0.00 N | 66.02 -1.74 0.00 N | 76.80 -2.13 0.00 N | 76.20 -2.80 0.00 N | 76.00 -3.01 0.00 N | 74.86 -2.33 0.00 N | 70.42 2.20 0.00 N | 68.18 1.96 0.00 N | 45.62 0.91 0.00 N | 47.55 0.85 0.00 N | 51.19 0.58 0.00 N | 36.99 0.27 0.00 N | 73.73 0.61 0.00 N | 60.17 0.28 0.00 N | 38.64 0.04 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 46.87 -0.81 0.00 N | 46.19 -0.72 0.00 N | 46.95 -0.64 0.00 N | 44.40 -0.59 0.00 N | 36.67 -0.48 0.00 N | 42.74 -0.57 0.00 N | 43.18 -0.53 0.00 N | 45.85 -0.55 0.00 N | 51.66 -0.59 0.00 N | 52.03 -0.65 0.00 N | 66.95 -0.81 0.00 N | 77.97 -0.95 0.00 N | 77.96 -1.04 0.00 N | 77.91 -1.09 0.00 N | 76.13 -1.06 0.00 N | 67.29 -0.92 0.00 N | 65.17 -1.06 0.00 N | 44.01 -0.71 0.00 N | 45.99 -0.71 0.00 N | 49.83 -0.78 0.00 N | 36.17 -0.56 0.00 N | 72.06 -1.06 0.00 N | 59.22 -0.67 0.00 N | 38.21 -0.39 0.00 N | |
| MG INDUSTRY___DRP 24185 | 49.11 1.44 0.00 N | 48.34 1.43 0.00 N | 49.11 1.52 0.00 N | 46.34 1.35 0.00 N | 38.22 1.07 0.00 N | 44.58 1.27 0.00 N | 44.69 0.99 0.00 N | 47.51 1.11 0.00 N | 53.52 1.27 0.00 N | 54.48 1.80 0.00 N | 70.23 2.47 0.00 N | 81.57 2.64 0.00 N | 81.60 2.61 0.00 N | 81.80 2.81 0.00 N | 80.01 2.82 0.00 N | 70.76 2.55 0.00 N | 68.88 2.65 0.00 N | 46.34 1.62 0.00 N | 48.60 1.90 0.00 N | 52.66 2.05 0.00 N | 38.03 1.31 0.00 N | 75.85 2.74 0.00 N | 62.09 2.20 0.00 N | 39.72 1.12 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 47.10 -0.57 0.00 N | 46.16 -0.75 0.00 N | 46.81 -0.78 0.00 N | 44.38 -0.61 0.00 N | 36.59 -0.56 0.00 N | 42.79 -0.53 0.00 N | 43.33 -0.37 0.00 N | 46.01 -0.39 0.00 N | 51.48 -0.77 0.00 N | 51.62 -1.06 0.00 N | 66.02 -1.74 0.00 N | 76.80 -2.13 0.00 N | 76.20 -2.80 0.00 N | 76.00 -3.01 0.00 N | 74.86 -2.33 0.00 N | 70.42 2.20 0.00 N | 68.18 1.96 0.00 N | 45.62 0.91 0.00 N | 47.55 0.85 0.00 N | 51.19 0.58 0.00 N | 36.99 0.27 0.00 N | 73.73 0.61 0.00 N | 60.17 0.28 0.00 N | 38.64 0.04 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 46.65 -1.02 0.00 N | 45.72 -1.20 0.00 N | 46.42 -1.18 0.00 N | 44.09 -0.90 0.00 N | 36.34 -0.81 0.00 N | 42.53 -0.79 0.00 N | 43.10 -0.61 0.00 N | 45.65 -0.75 0.00 N | 50.68 -1.57 0.00 N | 50.49 -2.19 0.00 N | 64.24 -3.53 0.00 N | 74.30 -4.62 0.00 N | 73.25 -5.74 0.00 N | 72.96 -6.04 0.00 N | 71.82 -5.37 0.00 N | 64.28 -3.93 0.00 N | 62.82 -3.41 0.00 N | 42.63 -2.08 0.00 N | 44.57 -2.13 0.00 N | 48.80 -1.81 0.00 N | 35.41 -1.31 0.00 N | 70.99 -2.12 0.00 N | 58.75 -1.14 0.00 N | 37.96 -0.63 0.00 N | |
| MILLIKEN___1 | 44.66 | 43.59 | 44.03 | 41.72 | 34.66 | 40.09 | 40.69 | 43.40 | 49.53 | 50.25 | 65.30 | 77.01 | 77.42 | 77.35 | 75.45 | 66.69 | 64.26 | 43.31 | 44.84 | 48.61 | 35.47 | 69.90 | 56.86 | 36.58 | |

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|-----------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 23584 | -3.01 0.00 N | -3.32 0.00 N | -3.57 0.00 N | -3.27 0.00 N | -2.49 0.00 N | -3.23 0.00 N | -3.01 0.00 N | -3.00 0.00 N | -2.72 0.00 N | -2.44 0.00 N | -2.46 0.00 N | -1.92 0.00 N | -1.57 0.00 N | -1.65 0.00 N | -1.73 0.00 N | -1.53 0.00 N | -1.97 0.00 N | -1.40 0.00 N | -1.86 0.00 N | -2.00 0.00 N | -1.26 0.00 N | -3.22 0.00 N | -3.03 0.00 N | -2.02 0.00 N |
| MILLIKEN___2 23585 | 44.66 -3.01 0.00 N | 43.59 -3.32 0.00 N | 44.03 -3.57 0.00 N | 41.72 -3.27 0.00 N | 34.66 -2.49 0.00 N | 40.09 -3.23 0.00 N | 40.69 -3.01 0.00 N | 43.40 -3.00 0.00 N | 49.53 -2.72 0.00 N | 50.25 -2.44 0.00 N | 65.30 -2.46 0.00 N | 77.01 -1.92 0.00 N | 77.42 -1.57 0.00 N | 77.35 -1.65 0.00 N | 75.45 -1.73 0.00 N | 66.69 -1.53 0.00 N | 64.26 -1.97 0.00 N | 43.31 -1.40 0.00 N | 44.84 -1.86 0.00 N | 48.61 -2.00 0.00 N | 35.47 -1.26 0.00 N | 69.90 -3.22 0.00 N | 56.86 -3.03 0.00 N | 36.58 -2.02 0.00 N |
| MILLIKEN___DIESEL 23629 | 44.66 -3.01 0.00 N | 43.59 -3.32 0.00 N | 44.03 -3.57 0.00 N | 41.72 -3.27 0.00 N | 34.66 -2.49 0.00 N | 40.09 -3.23 0.00 N | 40.69 -3.01 0.00 N | 43.40 -3.00 0.00 N | 49.53 -2.72 0.00 N | 50.25 -2.44 0.00 N | 65.30 -2.46 0.00 N | 77.01 -1.92 0.00 N | 77.42 -1.57 0.00 N | 77.35 -1.65 0.00 N | 75.45 -1.73 0.00 N | 66.69 -1.53 0.00 N | 64.26 -1.97 0.00 N | 43.31 -1.40 0.00 N | 44.84 -1.86 0.00 N | 48.61 -2.00 0.00 N | 35.47 -1.26 0.00 N | 69.90 -3.22 0.00 N | 56.86 -3.03 0.00 N | 36.58 -2.02 0.00 N |
| MODEL_CITY_ENERGY 24167 | 45.15 -2.52 0.00 N | 43.79 -3.12 0.00 N | 43.99 -3.60 0.00 N | 42.00 -2.99 0.00 N | 34.66 -2.49 0.00 N | 39.97 -3.35 0.00 N | 40.76 -2.95 0.00 N | 43.39 -3.00 0.00 N | 49.93 -2.32 0.00 N | 49.57 -3.11 0.00 N | 65.29 -2.47 0.00 N | 78.83 -0.10 0.00 N | 79.32 0.33 0.00 N | 78.31 -0.69 0.00 N | 76.04 -1.14 0.00 N | 67.48 -0.74 0.00 N | 65.03 -1.19 0.00 N | 44.22 -0.49 0.00 N | 45.31 -1.39 0.00 N | 48.86 -1.74 0.00 N | 36.34 -0.38 0.00 N | 70.49 -2.62 0.00 N | 57.16 -2.73 0.00 N | 36.32 -2.27 0.00 N |
| MODERN_LFGE___ 323580 | 45.15 -2.52 0.00 N | 43.79 -3.12 0.00 N | 43.99 -3.60 0.00 N | 42.00 -2.99 0.00 N | 34.66 -2.49 0.00 N | 39.97 -3.35 0.00 N | 40.76 -2.95 0.00 N | 43.39 -3.00 0.00 N | 49.93 -2.32 0.00 N | 49.57 -3.11 0.00 N | 65.29 -2.47 0.00 N | 78.83 -0.10 0.00 N | 79.32 0.33 0.00 N | 78.31 -0.69 0.00 N | 76.04 -1.14 0.00 N | 67.48 -0.74 0.00 N | 65.03 -1.19 0.00 N | 44.22 -0.49 0.00 N | 45.31 -1.39 0.00 N | 48.86 -1.74 0.00 N | 36.34 -0.38 0.00 N | 70.49 -2.62 0.00 N | 57.16 -2.73 0.00 N | 36.32 -2.27 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 49.65 1.98 0.00 N | 48.92 2.01 0.00 N | 49.67 2.08 0.00 N | 46.89 1.90 0.00 N | 38.63 1.47 0.00 N | 45.11 1.80 0.00 N | 45.33 1.62 0.00 N | 48.26 1.86 0.00 N | 54.38 2.13 0.00 N | 55.39 2.71 0.00 N | 71.46 3.69 0.00 N | 83.00 4.08 0.00 N | 82.97 3.98 0.00 N | 83.21 4.21 0.00 N | 81.39 4.21 0.00 N | 71.96 3.74 0.00 N | 70.00 3.78 0.00 N | 47.16 2.45 0.00 N | 49.58 2.88 0.00 N | 53.67 3.06 0.00 N | 38.71 1.99 0.00 N | 77.11 4.00 0.00 N | 63.00 3.11 0.00 N | 40.28 1.69 0.00 N |
| MONGAUP___HYD 23641 | 51.52 3.84 0.00 N | 50.33 3.42 0.00 N | 51.07 3.48 0.00 N | 48.13 3.14 0.00 N | 39.71 2.56 0.00 N | 46.31 3.00 0.00 N | 46.69 2.98 0.00 N | 49.80 3.40 0.00 N | 56.48 4.23 0.00 N | 57.77 5.09 0.00 N | 74.70 6.94 0.00 N | 87.00 8.08 0.00 N | 87.49 8.50 0.00 N | 88.01 9.01 0.00 N | 86.09 8.91 0.00 N | 86.71 7.93 -10.56 N | 84.72 7.80 -10.69 N | 82.88 4.84 -33.33 N | 68.04 5.11 -16.23 N | 74.61 5.57 -18.43 N | 41.78 3.88 -1.17 N | 81.06 7.95 0.00 N | 66.80 6.45 -0.46 N | 42.04 3.45 0.00 N |
| MONTAUK___DIESEL 23721 | 81.93 5.06 -29.20 N | 86.03 5.41 -33.71 N | 84.20 5.62 -30.98 N | 83.02 5.22 -32.81 N | 79.03 4.31 -37.57 N | 61.72 5.17 -13.24 N | 66.43 5.19 -17.53 N | 84.87 5.60 -32.87 N | 89.45 5.44 -31.76 N | 88.94 6.30 -29.96 N | 90.73 7.68 -15.29 N | 117.18 8.51 -29.75 N | 140.20 8.79 -52.42 N | 135.85 9.38 -47.47 N | 131.76 9.18 -45.40 N | 115.80 7.99 -39.60 N | 112.96 7.48 -39.25 N | 150.41 3.73 -101.97 N | 103.14 3.73 -52.71 N | 142.91 3.81 -88.49 N | 121.72 2.62 -82.37 N | 116.05 7.40 -35.54 N | 138.83 7.15 -71.80 N | 91.20 4.04 -48.57 N |
| N SALMON___HYD 24042 | 47.19 -0.49 0.00 N | 46.44 -0.48 0.00 N | 47.08 -0.52 0.00 N | 44.63 -0.36 0.00 N | 36.87 -0.29 0.00 N | 43.05 -0.26 0.00 N | 43.60 -0.11 0.00 N | 46.36 -0.04 0.00 N | 52.08 -0.17 0.00 N | 52.08 -0.60 0.00 N | 66.60 -1.17 0.00 N | 77.04 -1.89 0.00 N | 76.54 -2.45 0.00 N | 76.38 -2.62 0.00 N | 74.87 -2.32 0.00 N | 66.87 -1.34 0.00 N | 64.93 -1.30 0.00 N | 44.00 -0.71 0.00 N | 45.99 -0.71 0.00 N | 50.00 -0.60 0.00 N | 36.20 -0.53 0.00 N | 72.34 -0.77 0.00 N | 59.42 -0.47 0.00 N | 38.31 -0.28 0.00 N |
| N.E._GEN_SANDY PD 24062 | 49.92 2.25 0.00 N | 49.28 2.36 0.00 N | 50.04 2.44 0.00 N | 47.21 2.22 0.00 N | 38.87 1.71 0.00 N | 25.29 1.59 9.63 N | 45.63 1.92 0.00 N | 48.60 2.20 0.00 N | 54.72 2.47 0.00 N | 55.81 3.13 0.00 N | 71.93 4.16 0.00 N | 83.25 4.33 0.00 N | 83.14 4.15 0.00 N | 83.44 4.44 0.00 N | 81.67 4.49 0.00 N | 77.36 3.93 -5.21 N | 80.47 4.55 1.14 N | 89.29 4.67 -5.75 N | 67.00 3.16 -13.19 N | 78.97 3.56 -19.77 N | 39.24 2.01 -0.50 N | 60.36 2.63 -11.39 N | 44.40 2.83 6.26 N | 42.56 2.48 9.19 N |
| NARROWS_GT1_1 24228 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_2 24229 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_3 24230 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_4 24231 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |

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|---------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| NARROWS_GT1_5 24232 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_6 24233 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_7 24234 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT1_8 24235 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_1 24236 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_2 24237 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_3 24238 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_4 24239 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_5 24240 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_6 24241 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_7 24242 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NARROWS_GT2_8 24243 | 137.95 4.02 -86.26 N | 178.42 3.65 -127.86 N | 207.32 3.83 -155.89 N | 211.90 3.43 -163.48 N | 206.59 2.81 -166.62 N | 216.82 3.27 -170.23 N | 207.19 3.28 -160.20 N | 136.24 3.68 -86.16 N | 220.21 4.36 -163.60 N | 213.82 5.18 -155.95 N | 178.33 6.73 -103.84 N | 151.35 7.38 -65.05 N | 139.48 7.63 -52.85 N | 177.07 8.12 -89.95 N | 183.33 8.04 -98.12 N | 154.84 7.10 -79.53 N | 156.64 6.88 -83.54 N | 186.02 4.01 -137.30 N | 187.43 4.24 -136.49 N | 168.98 4.63 -113.74 N | 166.95 3.14 -127.08 N | 201.12 7.05 -120.96 N | 244.52 6.05 -178.59 N | 180.92 3.36 -138.97 N |
| NEG CAPITAL___MECHNVIL 23645 | 49.61 1.94 0.00 N | 48.93 2.02 0.00 N | 49.63 2.04 0.00 N | 46.84 1.85 0.00 N | 38.55 1.39 0.00 N | 45.09 1.78 0.00 N | 45.28 1.57 0.00 N | 48.32 1.92 0.00 N | 54.53 2.28 0.00 N | 55.74 3.06 0.00 N | 72.01 4.24 0.00 N | 83.44 4.52 0.00 N | 83.35 4.36 0.00 N | 83.60 4.60 0.00 N | 81.81 4.63 0.00 N | 73.02 4.06 -0.75 N | 70.95 4.10 -0.62 N | 49.19 2.61 -1.87 N | 50.73 3.12 -0.91 N | 54.95 3.31 -1.03 N | 38.85 2.06 -0.07 N | 77.38 4.27 0.00 N | 63.35 3.43 -0.03 N | 40.35 1.75 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 46.16 -1.51 0.00 N | 44.92 -1.99 0.00 N | 45.29 -2.30 0.00 N | 42.99 -2.00 0.00 N | 35.51 -1.65 0.00 N | 41.15 -2.16 0.00 N | 41.80 -1.91 0.00 N | 44.51 -1.89 0.00 N | 50.76 -1.49 0.00 N | 51.03 -1.66 0.00 N | 66.56 -1.20 0.00 N | 79.09 0.17 0.00 N | 79.49 0.50 0.00 N | 79.13 0.13 0.00 N | 77.09 -0.10 0.00 N | 68.22 0.01 0.00 N | 65.89 -0.34 0.00 N | 44.63 -0.08 0.00 N | 46.08 -0.62 0.00 N | 49.79 -0.82 0.00 N | 36.52 -0.20 0.00 N | 71.65 -1.47 0.00 N | 58.24 3.43 0.00 N | 37.29 -1.31 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 |
|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| NEG CENTRAL___DRP 24199 | 46.55 -1.13 0.00 N | 45.44 -1.47 0.00 N | 45.93 -1.67 0.00 N | 43.59 -1.40 0.00 N | 36.13 -1.03 0.00 N | 41.90 -1.41 0.00 N | 42.41 -1.30 0.00 N | 45.15 -1.24 0.00 N | 51.34 -0.91 0.00 N | 51.85 -0.83 0.00 N | 67.31 -0.45 0.00 N | 79.48 0.55 0.00 N | 79.91 0.91 0.00 N | 79.74 0.75 0.00 N | 77.70 0.52 0.00 N | 68.75 0.54 0.00 N | 66.37 0.14 0.00 N | 44.87 0.15 0.00 N | 46.47 -0.23 0.00 N | 50.42 -0.18 0.00 N | 36.82 0.10 0.00 N | 72.50 -0.62 0.00 N | 59.00 -0.89 0.00 N | 37.90 -0.70 0.00 N | |
| NEG CENTRAL___INDECK 23768 | 46.17 -1.51 0.00 N | 45.26 -1.65 0.00 N | 45.63 -1.97 0.00 N | 43.38 -1.61 0.00 N | 35.87 -1.29 0.00 N | 41.53 -1.79 0.00 N | 42.32 -1.39 0.00 N | 45.23 -1.17 0.00 N | 52.03 -0.22 0.00 N | 52.35 -0.34 0.00 N | 67.45 -0.31 0.00 N | 79.44 0.52 0.00 N | 79.83 0.84 0.00 N | 79.12 0.12 0.00 N | 76.96 -0.23 0.00 N | 68.18 -0.04 0.00 N | 65.69 -0.54 0.00 N | 44.41 -0.30 0.00 N | 45.83 -0.87 0.00 N | 49.66 -0.95 0.00 N | 36.43 -0.30 0.00 N | 71.48 -1.63 0.00 N | 59.52 -0.37 0.00 N | 38.00 -0.60 0.00 N | |
| NEG CENTRAL___SENECA 23627 | 46.32 -1.36 0.00 N | 45.12 -1.79 0.00 N | 45.58 -2.02 0.00 N | 43.33 -1.66 0.00 N | 35.98 -1.17 0.00 N | 41.65 -1.66 0.00 N | 42.19 -1.52 0.00 N | 44.95 -1.45 0.00 N | 51.22 -1.03 0.00 N | 51.74 -0.94 0.00 N | 67.38 -0.38 0.00 N | 79.87 0.95 0.00 N | 80.38 1.39 0.00 N | 80.11 1.11 0.00 N | 78.04 0.86 0.00 N | 69.07 0.85 0.00 N | 66.61 0.38 0.00 N | 45.02 0.31 0.00 N | 46.55 -0.15 0.00 N | 50.53 -0.08 0.00 N | 36.98 0.25 0.00 N | 72.62 -0.50 0.00 N | 58.94 -0.94 0.00 N | 37.79 -0.81 0.00 N | |
| NEG CENTRAL___STATE_STREET 24147 | 46.55 -1.13 0.00 N | 45.55 -1.37 0.00 N | 46.04 -1.55 0.00 N | 43.64 -1.35 0.00 N | 36.14 -1.01 0.00 N | 41.89 -1.42 0.00 N | 42.50 -1.21 0.00 N | 45.27 -1.13 0.00 N | 51.53 -0.73 0.00 N | 52.10 -0.58 0.00 N | 67.66 -0.11 0.00 N | 79.77 0.85 0.00 N | 80.16 1.17 0.00 N | 80.04 1.03 0.00 N | 78.07 0.89 0.00 N | 68.99 0.78 0.00 N | 66.55 0.32 0.00 N | 44.91 0.19 0.00 N | 46.53 -0.17 0.00 N | 50.43 -0.18 0.00 N | 36.77 0.05 0.00 N | 72.50 -0.61 0.00 N | 59.06 -0.82 0.00 N | 37.96 -0.64 0.00 N | |
| NEG MILLWOOD___DRP 24198 | 51.21 3.54 0.00 N | 50.23 3.31 0.00 N | 51.03 3.44 0.00 N | 48.08 3.09 0.00 N | 39.67 2.52 0.00 N | 46.24 2.93 0.00 N | 46.60 2.90 0.00 N | 49.71 3.31 0.00 N | 56.29 4.04 0.00 N | 57.64 4.96 0.00 N | 74.46 6.70 0.00 N | 86.52 7.60 0.00 N | 86.85 7.86 0.00 N | 87.36 8.36 0.00 N | 85.45 8.26 0.00 N | 87.74 7.38 -12.14 N | 85.55 7.26 -12.06 N | 150.70 4.37 -101.61 N | 100.09 4.65 -48.73 N | 111.23 5.09 -55.53 N | 116.55 3.48 -76.35 N | 85.47 7.30 -5.05 N | 66.49 6.08 -0.53 N | 41.82 3.22 0.00 N | |
| NEG NORTH_FLCN_SEA 23793 | 46.29 -1.39 0.00 N | 45.75 -1.16 0.00 N | 46.40 -1.20 0.00 N | 44.01 -0.99 0.00 N | 36.40 -0.76 0.00 N | 42.43 -0.89 0.00 N | 42.78 -0.93 0.00 N | 45.46 -0.94 0.00 N | 51.13 -1.12 0.00 N | 51.34 -1.34 0.00 N | 65.71 -2.06 0.00 N | 75.89 -3.03 0.00 N | 75.61 -3.38 0.00 N | 75.63 -3.37 0.00 N | 74.17 -3.02 0.00 N | 65.75 -2.47 0.00 N | 63.90 -2.33 0.00 N | 43.22 -1.49 0.00 N | 45.27 -1.42 0.00 N | 49.08 -1.53 0.00 N | 35.46 -1.26 0.00 N | 70.93 -2.19 0.00 N | 58.23 -1.66 0.00 N | 37.51 -1.09 0.00 N | |
| NEG NORTH_KES_CHATGAY 23792 | 46.67 -1.01 0.00 N | 46.06 -0.86 0.00 N | 46.71 -0.89 0.00 N | 44.25 -0.74 0.00 N | 36.58 -0.58 0.00 N | 42.67 -0.64 0.00 N | 43.13 -0.58 0.00 N | 45.81 -0.59 0.00 N | 51.51 -0.74 0.00 N | 51.57 -1.12 0.00 N | 65.97 -1.80 0.00 N | 76.32 -2.60 0.00 N | 76.03 -2.96 0.00 N | 75.94 -3.06 0.00 N | 74.40 -2.79 0.00 N | 66.26 -1.96 0.00 N | 64.32 -1.91 0.00 N | 43.51 -1.20 0.00 N | 45.52 -1.18 0.00 N | 49.34 -1.27 0.00 N | 35.77 -0.96 0.00 N | 71.51 -1.60 0.00 N | 58.68 -1.21 0.00 N | 37.86 -0.74 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 46.77 -0.90 0.00 N | 46.20 -0.71 0.00 N | 46.84 -0.76 0.00 N | 44.43 -0.56 0.00 N | 36.73 -0.42 0.00 N | 42.83 -0.48 0.00 N | 43.21 -0.50 0.00 N | 45.91 -0.49 0.00 N | 51.66 -0.59 0.00 N | 51.86 -0.82 0.00 N | 66.37 -1.39 0.00 N | 76.70 -2.22 0.00 N | 76.44 -2.55 0.00 N | 76.44 -2.56 0.00 N | 74.94 -2.24 0.00 N | 66.48 -1.74 0.00 N | 64.58 -1.65 0.00 N | 43.68 -1.04 0.00 N | 45.75 -0.95 0.00 N | 49.59 -1.01 0.00 N | 35.86 -0.87 0.00 N | 71.72 -1.39 0.00 N | 58.86 -1.03 0.00 N | 37.91 -0.69 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 46.77 -0.90 0.00 N | 46.20 -0.71 0.00 N | 46.84 -0.76 0.00 N | 44.43 -0.56 0.00 N | 36.73 -0.42 0.00 N | 42.83 -0.48 0.00 N | 43.21 -0.50 0.00 N | 45.91 -0.49 0.00 N | 51.66 -0.59 0.00 N | 51.86 -0.82 0.00 N | 66.37 -1.39 0.00 N | 76.70 -2.22 0.00 N | 76.44 -2.55 0.00 N | 76.44 -2.56 0.00 N | 74.94 -2.24 0.00 N | 66.48 -1.74 0.00 N | 64.58 -1.65 0.00 N | 43.68 -1.04 0.00 N | 45.75 -0.95 0.00 N | 49.59 -1.01 0.00 N | 35.86 -0.87 0.00 N | 71.72 -1.39 0.00 N | 58.86 -1.03 0.00 N | 37.91 -0.69 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 46.77 -0.90 0.00 N | 46.20 -0.71 0.00 N | 46.84 -0.76 0.00 N | 44.43 -0.56 0.00 N | 36.73 -0.42 0.00 N | 42.83 -0.48 0.00 N | 43.21 -0.50 0.00 N | 45.91 -0.49 0.00 N | 51.66 -0.59 0.00 N | 51.86 -0.82 0.00 N | 66.37 -1.39 0.00 N | 76.70 -2.22 0.00 N | 76.44 -2.55 0.00 N | 76.44 -2.56 0.00 N | 74.94 -2.24 0.00 N | 66.48 -1.74 0.00 N | 64.58 -1.65 0.00 N | 43.68 -1.04 0.00 N | 45.75 -0.95 0.00 N | 49.59 -1.01 0.00 N | 35.86 -0.87 0.00 N | 71.72 -1.39 0.00 N | 58.86 -1.03 0.00 N | 37.91 -0.69 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 44.91 -2.77 0.00 N | 43.65 -3.27 0.00 N | 43.85 -3.75 0.00 N | 41.86 -3.13 0.00 N | 34.55 -2.60 0.00 N | 39.83 -3.48 0.00 N | 40.65 -3.06 0.00 N | 43.29 -3.12 0.00 N | 49.81 -2.44 0.00 N | 49.38 -3.30 0.00 N | 65.06 -2.71 0.00 N | 78.49 -0.43 0.00 N | 78.98 -0.01 0.00 N | 78.00 -1.01 0.00 N | 75.75 -1.43 0.00 N | 67.20 -1.02 0.00 N | 64.77 -1.46 0.00 N | 44.01 -0.70 0.00 N | 45.10 -1.60 0.00 N | 48.63 -1.98 0.00 N | 36.17 -0.56 0.00 N | 70.18 -2.93 0.00 N | 56.91 -2.98 0.00 N | 36.16 -2.44 0.00 N | |
| NEG WEST___LANCASTER 23811 | 44.63 -3.04 0.00 N | 43.35 -3.56 0.00 N | 43.72 -3.88 0.00 N | 41.73 -3.26 0.00 N | 34.54 -2.62 0.00 N | 39.89 -3.43 0.00 N | 40.60 -3.11 0.00 N | 43.35 -3.05 0.00 N | 49.87 -2.38 0.00 N | 49.94 -2.74 0.00 N | 65.86 -1.90 0.00 N | 79.30 0.38 0.00 N | 80.08 1.09 0.00 N | 79.40 0.40 0.00 N | 76.96 -0.22 0.00 N | 68.36 0.14 0.00 N | 65.98 -0.25 0.00 N | 44.50 -0.21 0.00 N | 45.68 -1.02 0.00 N | 49.76 -0.84 0.00 N | 36.58 -0.15 0.00 N | 71.30 -1.82 0.00 N | 57.87 -2.02 0.00 N | 36.64 -1.95 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 47.56 -0.11 0.00 N | 46.71 -0.20 0.00 N | 47.39 -0.21 0.00 N | 44.92 -0.07 0.00 N | 37.12 -0.04 0.00 N | 43.19 -0.12 0.00 N | 43.64 -0.06 0.00 N | 46.49 0.09 0.00 N | 52.79 0.54 0.00 N | 53.44 0.76 0.00 N | 69.43 1.66 0.00 N | 81.67 2.75 0.00 N | 82.07 3.08 0.00 N | 81.99 2.99 0.00 N | 79.84 2.66 0.00 N | 70.70 2.49 0.00 N | 68.84 2.25 -0.36 N | 47.36 1.29 -1.35 N | 48.46 1.10 -0.66 N | 52.85 1.50 -0.75 N | 37.83 1.06 -0.05 N | 74.80 1.68 0.00 N | 61.06 1.17 0.00 N | 39.02 0.42 0.00 N | |
| NEG___GEN_MONROE | 46.98 | 45.55 | 45.85 | 43.59 | 35.99 | 41.64 | 42.52 | 45.37 | 52.06 | 52.27 | 68.67 | 81.88 | 82.41 | 81.85 | 79.66 | 70.56 | 68.08 | 46.10 | 47.38 | 51.12 | 37.63 | 73.79 | 59.83 | 38.06 | |

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| 24207 | -0.70 0.00 N | -1.36 0.00 N | -1.74 0.00 N | -1.40 0.00 N | -1.17 0.00 N | -1.68 0.00 N | -1.19 0.00 N | -1.03 0.00 N | -0.19 0.00 N | -0.41 0.00 N | 0.90 0.00 N | 2.96 0.00 N | 3.42 0.00 N | 2.85 0.00 N | 2.48 0.00 N | 2.34 0.00 N | 1.85 0.00 N | 1.39 0.00 N | 0.68 0.00 N | 0.51 0.00 N | 0.90 0.00 N | 0.68 0.00 N | -0.05 0.00 N | -0.54 0.00 N |
| NEPA____ENERGY 23901 | 43.13 -4.54 0.00 N | 41.99 -4.92 0.00 N | 42.59 -5.01 0.00 N | 40.71 -4.28 0.00 N | 33.79 -3.36 0.00 N | 39.09 -4.23 0.00 N | 39.69 -4.02 0.00 N | 42.47 -3.93 0.00 N | 48.74 -3.51 0.00 N | 49.02 -3.66 0.00 N | 64.63 -3.13 0.00 N | 77.53 -1.40 0.00 N | 78.44 -0.55 0.00 N | 77.99 -1.01 0.00 N | 75.45 -1.73 0.00 N | 67.07 -1.15 0.00 N | 64.82 -1.40 0.00 N | 43.37 -1.34 0.00 N | 44.74 -1.96 0.00 N | 49.38 -1.23 0.00 N | 35.92 -0.81 0.00 N | 70.41 -2.70 0.00 N | 57.19 -2.70 0.00 N | 36.16 -2.44 0.00 N |
| NEVERSINK____HYD 23608 | 49.50 1.83 0.00 N | 48.51 1.59 0.00 N | 49.26 1.66 0.00 N | 46.44 1.45 0.00 N | 38.34 1.19 0.00 N | 44.71 1.39 0.00 N | 45.05 1.34 0.00 N | 47.97 1.57 0.00 N | 54.26 2.00 0.00 N | 55.33 2.65 0.00 N | 71.43 3.67 0.00 N | 83.20 4.28 0.00 N | 82.56 3.57 0.00 N | 82.54 3.54 0.00 N | 80.71 3.52 0.00 N | 78.93 3.18 -7.54 N | 77.80 3.19 -8.38 N | 73.11 1.82 -26.58 N | 61.59 1.94 -12.94 N | 67.54 2.24 -14.69 N | 39.71 2.04 -0.94 N | 77.40 4.29 0.00 N | 63.66 3.45 -0.33 N | 40.28 1.69 0.00 N |
| NEWTON____FALLS_HYD 23847 | 47.10 -0.57 0.00 N | 46.16 -0.75 0.00 N | 46.81 -0.78 0.00 N | 44.38 -0.61 0.00 N | 36.59 -0.56 0.00 N | 42.79 -0.53 0.00 N | 43.33 -0.37 0.00 N | 46.01 -0.39 0.00 N | 51.48 -0.77 0.00 N | 51.62 -1.06 0.00 N | 66.02 -1.74 0.00 N | 76.80 -2.13 0.00 N | 76.20 -2.80 0.00 N | 76.00 -3.01 0.00 N | 74.86 -2.33 0.00 N | 70.42 2.20 0.00 N | 68.18 1.96 0.00 N | 45.62 0.91 0.00 N | 47.55 0.85 0.00 N | 51.19 0.58 0.00 N | 36.99 0.27 0.00 N | 73.73 0.61 0.00 N | 60.17 0.28 0.00 N | 38.64 0.04 0.00 N |
| NIAGARA____ 23760 | 45.01 -2.66 0.00 N | 43.62 -3.29 0.00 N | 43.79 -3.81 0.00 N | 41.82 -3.17 0.00 N | 34.51 -2.64 0.00 N | 39.79 -3.53 0.00 N | 40.57 -3.14 0.00 N | 43.16 -3.24 0.00 N | 49.60 -2.65 0.00 N | 49.22 -3.47 0.00 N | 64.76 -3.00 0.00 N | 78.27 -0.65 0.00 N | 78.73 -0.26 0.00 N | 77.71 -1.29 0.00 N | 75.46 -1.73 0.00 N | 66.95 -1.26 0.00 N | 64.53 -1.70 0.00 N | 43.92 -0.80 0.00 N | 45.04 -1.67 0.00 N | 48.57 -2.04 0.00 N | 36.15 -0.58 0.00 N | 70.01 -3.10 0.00 N | 56.80 -3.09 0.00 N | 36.13 -2.46 0.00 N |
| NINE_MILE_1 23575 | 46.44 -1.24 0.00 N | 45.60 -1.32 0.00 N | 46.18 -1.42 0.00 N | 43.69 -1.30 0.00 N | 36.08 -1.08 0.00 N | 42.00 -1.31 0.00 N | 42.44 -1.27 0.00 N | 45.07 -1.32 0.00 N | 50.83 -1.42 0.00 N | 51.15 -1.53 0.00 N | 65.89 -1.88 0.00 N | 77.09 -1.83 0.00 N | 77.25 -1.74 0.00 N | 77.18 -1.82 0.00 N | 75.34 -1.84 0.00 N | 66.66 -1.56 0.00 N | 64.59 -1.64 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.33 -1.28 0.00 N | 35.88 -0.85 0.00 N | 71.06 -2.06 0.00 N | 58.15 -1.74 0.00 N | 37.60 -0.99 0.00 N |
| NINE_MILE_2 23744 | 46.44 -1.23 0.00 N | 45.60 -1.31 0.00 N | 46.18 -1.42 0.00 N | 43.69 -1.30 0.00 N | 36.08 -1.08 0.00 N | 42.00 -1.31 0.00 N | 42.45 -1.26 0.00 N | 45.07 -1.32 0.00 N | 50.83 -1.42 0.00 N | 51.16 -1.52 0.00 N | 65.89 -1.88 0.00 N | 77.09 -1.83 0.00 N | 77.25 -1.74 0.00 N | 77.19 -1.82 0.00 N | 75.34 -1.84 0.00 N | 66.66 -1.56 0.00 N | 64.59 -1.64 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.33 -1.28 0.00 N | 35.88 -0.84 0.00 N | 71.06 -2.06 0.00 N | 58.15 -1.74 0.00 N | 37.60 -0.99 0.00 N |
| NM_CAPITAL____DRP 24208 | 49.29 1.62 0.00 N | 48.60 1.69 0.00 N | 49.39 1.79 0.00 N | 46.61 1.62 0.00 N | 38.41 1.25 0.00 N | 44.83 1.52 0.00 N | 45.04 1.33 0.00 N | 47.93 1.53 0.00 N | 53.91 1.66 0.00 N | 54.85 2.17 0.00 N | 70.69 2.93 0.00 N | 82.05 3.13 0.00 N | 82.01 3.02 0.00 N | 82.23 3.23 0.00 N | 80.44 3.26 0.00 N | 71.11 2.89 0.00 N | 69.21 2.99 0.00 N | 46.67 1.96 0.00 N | 49.12 2.42 0.00 N | 53.17 2.56 0.00 N | 38.36 1.64 0.00 N | 76.41 3.29 0.00 N | 62.41 2.52 0.00 N | 39.97 1.37 0.00 N |
| NM_CENTRAL____DRP 24181 | 47.26 -0.41 0.00 N | 46.40 -0.52 0.00 N | 46.95 -0.65 0.00 N | 44.44 -0.55 0.00 N | 36.69 -0.46 0.00 N | 42.72 -0.59 0.00 N | 43.19 -0.52 0.00 N | 45.89 -0.51 0.00 N | 51.88 -0.37 0.00 N | 52.35 -0.33 0.00 N | 67.60 -0.17 0.00 N | 79.34 0.42 0.00 N | 79.62 0.63 0.00 N | 79.54 0.54 0.00 N | 77.63 0.44 0.00 N | 68.60 0.38 0.00 N | 66.34 0.11 0.00 N | 44.80 0.09 0.00 N | 46.57 -0.13 0.00 N | 50.47 -0.14 0.00 N | 36.73 0.01 0.00 N | 72.72 -0.39 0.00 N | 59.42 -0.47 0.00 N | 38.33 -0.27 0.00 N |
| NM_FRONTIER____DRP 24179 | 45.42 -2.25 0.00 N | 43.98 -2.93 0.00 N | 44.16 -3.44 0.00 N | 42.16 -2.83 0.00 N | 34.79 -2.36 0.00 N | 40.10 -3.22 0.00 N | 40.89 -2.82 0.00 N | 43.52 -2.88 0.00 N | 50.07 -2.18 0.00 N | 49.72 -2.96 0.00 N | 65.46 -2.30 0.00 N | 79.16 0.24 0.00 N | 79.62 0.63 0.00 N | 78.60 -0.40 0.00 N | 76.31 -0.87 0.00 N | 67.70 -0.51 0.00 N | 65.26 -0.97 0.00 N | 44.40 -0.31 0.00 N | 45.51 -1.19 0.00 N | 49.06 -1.55 0.00 N | 36.53 -0.20 0.00 N | 70.75 -2.37 0.00 N | 57.36 -2.53 0.00 N | 36.46 -2.13 0.00 N |
| NM_ST_REGIS____HYD 24053 | 46.80 -0.87 0.00 N | 45.93 -0.98 0.00 N | 46.62 -0.98 0.00 N | 44.26 -0.73 0.00 N | 36.50 -0.65 0.00 N | 42.69 -0.63 0.00 N | 43.27 -0.44 0.00 N | 45.88 -0.52 0.00 N | 51.08 -1.17 0.00 N | 50.92 -1.76 0.00 N | 64.85 -2.92 0.00 N | 75.01 -3.92 0.00 N | 74.09 -4.90 0.00 N | 73.80 -5.20 0.00 N | 72.58 -4.60 0.00 N | 65.01 -3.21 0.00 N | 63.43 -2.80 0.00 N | 43.03 -1.68 0.00 N | 44.98 -1.72 0.00 N | 49.17 -1.44 0.00 N | 35.65 -1.08 0.00 N | 71.42 -1.69 0.00 N | 58.98 -0.91 0.00 N | 38.09 -0.50 0.00 N |
| NORTHPORT____1 23551 | 80.76 3.89 -29.20 N | 84.23 3.61 -33.71 N | 82.47 3.89 -30.98 N | 81.42 3.61 -32.81 N | 77.73 3.00 -37.57 N | 60.22 3.67 -13.24 N | 64.85 3.61 -17.53 N | 83.08 3.81 -32.87 N | 88.28 4.28 -31.76 N | 87.54 4.90 -29.96 N | 89.26 6.20 -15.29 N | 115.47 6.79 -29.75 N | 138.35 6.94 -52.42 N | 133.97 7.51 -47.47 N | 120.53 7.19 -36.16 N | 109.43 6.13 -35.09 N | 108.18 5.89 -36.06 N | 111.97 3.06 -64.20 N | 99.27 3.35 -49.21 N | 123.84 3.41 -69.82 N | 116.37 2.23 -77.42 N | 99.77 6.08 -20.58 N | 136.79 5.49 -71.42 N | 89.78 3.02 -48.17 N |
| NORTHPORT____2 23552 | 80.76 3.89 -29.20 N | 84.23 3.61 -33.71 N | 82.47 3.89 -30.98 N | 81.42 3.61 -32.81 N | 77.73 3.00 -37.57 N | 60.22 3.67 -13.24 N | 64.85 3.61 -17.53 N | 83.08 3.81 -32.87 N | 88.28 4.28 -31.76 N | 87.54 4.90 -29.96 N | 89.26 6.20 -15.29 N | 115.47 6.79 -29.75 N | 138.35 6.94 -52.42 N | 133.97 7.51 -47.47 N | 120.53 7.19 -36.16 N | 109.43 6.13 -35.09 N | 108.18 5.89 -36.06 N | 111.97 3.06 -64.20 N | 99.27 3.35 -49.21 N | 123.84 3.41 -69.82 N | 116.37 2.23 -77.42 N | 99.77 6.08 -20.58 N | 136.79 5.49 -71.42 N | 89.78 3.02 -48.17 N |
| NORTHPORT____3 23553 | 80.83 3.96 -29.20 N | 84.34 3.73 -33.71 N | 82.52 3.94 -30.98 N | 81.44 3.63 -32.81 N | 77.74 3.02 -37.57 N | 60.19 3.64 -13.24 N | 64.87 3.63 -17.53 N | 83.21 3.94 -32.87 N | 88.47 4.46 -31.76 N | 87.77 5.13 -29.96 N | 89.54 6.49 -15.29 N | 115.81 7.13 -29.75 N | 138.79 7.38 -52.42 N | 134.29 7.82 -47.47 N | 121.70 7.35 -37.17 N | 110.14 6.43 -35.49 N | 108.49 6.20 -36.06 N | 111.80 3.42 -63.67 N | 99.72 3.77 -49.25 N | 124.26 3.85 -69.81 N | 116.68 2.54 -77.42 N | 107.00 6.57 -27.31 N | 137.47 5.78 -71.80 N | 90.28 3.12 -48.57 N |

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| NORTHPORT___4 23650 | 80.83 3.96 -29.20 N | 84.34 3.73 -33.71 N | 82.52 3.94 -30.98 N | 81.44 3.63 -32.81 N | 77.74 3.02 -37.57 N | 60.19 3.64 -13.24 N | 64.87 3.63 -17.53 N | 83.21 3.94 -32.87 N | 88.47 4.46 -31.76 N | 87.77 5.13 -29.96 N | 89.54 6.49 -15.29 N | 115.81 7.13 -29.75 N | 138.79 7.38 -52.42 N | 134.29 7.82 -47.47 N | 121.70 7.35 -37.17 N | 110.14 6.43 -35.49 N | 108.49 6.20 -36.06 N | 111.80 3.42 -63.67 N | 99.72 3.77 -49.25 N | 124.26 3.85 -69.81 N | 116.68 2.54 -77.42 N | 107.00 6.57 -27.31 N | 137.47 5.78 -71.80 N | 90.28 3.12 -48.57 N |
| NORTHPORT___IC 23718 | 80.76 3.89 -29.20 N | 84.23 3.61 -33.71 N | 82.47 3.89 -30.98 N | 81.42 3.61 -32.81 N | 77.73 3.00 -37.57 N | 60.22 3.67 -13.24 N | 64.85 3.61 -17.53 N | 83.08 3.81 -32.87 N | 88.28 4.28 -31.76 N | 87.54 4.90 -29.96 N | 89.26 6.20 -15.29 N | 115.47 6.79 -29.75 N | 138.35 6.94 -52.42 N | 133.97 7.51 -47.47 N | 120.53 7.19 -36.16 N | 109.43 6.13 -35.09 N | 108.18 5.89 -36.06 N | 111.97 3.06 -64.20 N | 99.27 3.35 -49.21 N | 123.84 3.41 -69.82 N | 116.37 2.23 -77.42 N | 99.77 6.08 -20.58 N | 136.79 5.49 -71.42 N | 89.78 3.02 -48.17 N |
| NPX_GEN_CSC 323557 | 80.91 4.04 -29.20 N | 84.32 3.70 -33.71 N | 82.51 3.93 -30.98 N | 81.45 3.64 -32.81 N | 77.73 3.01 -37.57 N | 68.26 2.74 -32.20 N | 64.89 3.66 -17.53 N | 83.22 3.94 -32.87 N | 88.49 4.49 -31.76 N | 87.87 5.23 -29.96 N | 89.69 6.64 -15.29 N | 116.07 7.40 -29.75 N | 138.72 7.31 -52.42 N | 134.43 7.96 -47.47 N | 130.19 7.61 -45.40 N | 114.00 6.19 -39.60 N | 127.82 7.84 -42.92 N | 96.69 7.10 -10.72 N | 102.57 3.17 -52.71 N | 119.57 4.47 -59.46 N | 121.28 2.18 -82.37 N | 186.06 3.93 -135.80 N | 83.03 4.46 -30.73 N | 79.05 4.33 -25.45 N |
| NSINS_S_GLNS_FALLS 23858 | 49.05 1.37 0.00 N | 48.43 1.52 0.00 N | 49.00 1.40 0.00 N | 46.20 1.21 0.00 N | 37.98 0.82 0.00 N | 44.53 1.22 0.00 N | 44.76 1.05 0.00 N | 47.92 1.52 0.00 N | 54.22 1.97 0.00 N | 55.68 3.00 0.00 N | 72.01 4.25 0.00 N | 83.22 4.30 0.00 N | 83.00 4.01 0.00 N | 83.28 4.28 0.00 N | 81.47 4.28 0.00 N | 73.05 3.76 -1.07 N | 70.91 3.78 -0.90 N | 49.83 2.42 -2.70 N | 50.97 2.96 -1.31 N | 55.25 3.14 -1.49 N | 38.70 1.88 -0.09 N | 77.07 3.95 0.00 N | 63.35 3.41 -0.05 N | 40.15 1.55 0.00 N |
| NUCOR_STEEL___DRP 24197 | 46.55 -1.13 0.00 N | 45.55 -1.37 0.00 N | 46.04 -1.55 0.00 N | 43.64 -1.35 0.00 N | 36.14 -1.01 0.00 N | 41.89 -1.42 0.00 N | 42.50 -1.21 0.00 N | 45.27 -1.13 0.00 N | 51.53 -0.73 0.00 N | 52.10 -0.58 0.00 N | 67.66 -0.11 0.00 N | 79.77 0.85 0.00 N | 80.16 1.17 0.00 N | 80.04 1.03 0.00 N | 78.07 0.89 0.00 N | 68.99 0.78 0.00 N | 66.55 0.32 0.00 N | 44.91 0.19 0.00 N | 46.53 -0.17 0.00 N | 50.43 -0.18 0.00 N | 36.77 0.05 0.00 N | 72.50 -0.61 0.00 N | 59.06 -0.82 0.00 N | 37.96 -0.64 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 47.67 0.00 0.00 N | 46.91 0.00 0.00 N | 47.59 0.00 0.00 N | 44.99 0.00 0.00 N | 37.15 0.00 0.00 N | 43.31 0.00 0.00 N | 43.71 0.00 0.00 N | 46.40 0.00 0.00 N | 52.25 0.00 0.00 N | 52.68 0.00 0.00 N | 67.77 0.00 0.00 N | 78.92 0.00 0.00 N | 78.99 0.00 0.00 N | 79.00 0.00 0.00 N | 77.18 0.00 0.00 N | 68.22 0.00 0.00 N | 66.23 0.00 0.00 N | 44.71 0.00 0.00 N | 46.70 0.00 0.00 N | 50.61 0.00 0.00 N | 36.73 0.00 0.00 N | 73.11 0.00 0.00 N | 59.89 0.00 0.00 N | 38.60 0.00 0.00 N |
| NYPA_BRENTWD___GT 24164 | 81.58 4.71 -29.20 N | 84.91 4.29 -33.71 N | 83.09 4.52 -30.98 N | 81.99 4.19 -32.81 N | 78.20 3.47 -37.57 N | 60.74 4.19 -13.24 N | 65.40 4.17 -17.53 N | 83.77 4.49 -32.87 N | 89.16 5.15 -31.76 N | 88.12 5.48 -29.96 N | 90.24 7.18 -15.29 N | 116.55 7.88 -29.75 N | 139.52 8.10 -52.42 N | 135.15 8.68 -47.47 N | 130.94 8.35 -45.40 N | 114.94 7.12 -39.60 N | 112.32 6.84 -39.25 N | 149.57 3.65 -101.20 N | 103.31 3.93 -52.68 N | 142.80 4.04 -88.15 N | 121.69 2.69 -82.27 N | 115.53 7.01 -35.40 N | 137.98 6.29 -71.80 N | 90.91 3.75 -48.57 N |
| NYPA_GOWANUS___GT5 24156 | 134.06 3.99 -82.39 N | 178.39 3.62 -127.86 N | 207.30 3.81 -155.89 N | 211.89 3.42 -163.48 N | 206.56 2.79 -166.62 N | 216.81 3.26 -170.23 N | 207.17 3.26 -160.20 N | 115.81 4.33 -65.76 N | 206.96 5.14 -150.37 N | 213.77 6.67 -155.95 N | 172.21 6.67 -97.78 N | 151.28 7.31 -65.05 N | 86.59 7.59 0.00 N | 87.06 8.06 0.00 N | 85.16 7.98 0.00 N | 93.73 7.37 -18.46 N | 134.05 6.84 -60.99 N | 185.27 3.98 -136.58 N | 124.68 4.21 -73.77 N | 132.64 4.60 -77.43 N | 166.93 3.12 -127.08 N | 127.35 7.00 -47.23 N | 204.87 6.00 -138.98 N | 180.91 3.34 -138.97 N |
| NYPA_GOWANUS___GT6 24157 | 134.06 3.99 -82.39 N | 178.39 3.62 -127.86 N | 207.30 3.81 -155.89 N | 211.89 3.42 -163.48 N | 206.56 2.79 -166.62 N | 216.81 3.26 -170.23 N | 207.17 3.26 -160.20 N | 115.81 4.33 -65.76 N | 206.96 5.14 -150.37 N | 213.77 6.67 -155.95 N | 172.21 6.67 -97.78 N | 151.28 7.31 -65.05 N | 86.59 7.59 0.00 N | 87.06 8.06 0.00 N | 85.16 7.98 0.00 N | 93.73 7.37 -18.46 N | 134.05 6.84 -60.99 N | 185.27 3.98 -136.58 N | 124.68 4.21 -73.77 N | 132.64 4.60 -77.43 N | 166.93 3.12 -127.08 N | 127.35 7.00 -47.23 N | 204.87 6.00 -138.98 N | 180.91 3.34 -138.97 N |
| NYPA_HARLEM__RVR_GT1 24160 | 51.68 3.99 -0.01 N | 50.63 3.72 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.63 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.46 0.00 N | 86.90 7.91 0.00 N | 87.37 8.37 0.00 N | 85.50 8.32 0.00 N | 89.23 7.37 -13.63 N | 86.14 6.88 -13.03 N | 152.91 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.05 4.42 -57.03 N | 112.61 3.02 -72.86 N | 85.09 7.13 -4.84 N | 97.86 5.93 -32.04 N | 100.92 3.15 -59.17 N |
| NYPA_HARLEM__RVR_GT2 24161 | 51.68 3.99 -0.01 N | 50.63 3.72 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.63 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.46 0.00 N | 86.90 7.91 0.00 N | 87.37 8.37 0.00 N | 85.50 8.32 0.00 N | 89.23 7.37 -13.63 N | 86.14 6.88 -13.03 N | 152.91 3.89 -104.31 N | 100.81 4.06 -50.05 N | 112.05 4.42 -57.03 N | 112.61 3.02 -72.86 N | 85.09 7.13 -4.84 N | 97.86 5.93 -32.04 N | 100.92 3.15 -59.17 N |
| NYPA_KENT___GT 24152 | 103.57 3.90 -52.00 N | 127.56 3.57 -77.07 N | 145.36 3.79 -93.97 N | 146.93 3.40 -98.54 N | 140.37 2.78 -100.44 N | 149.15 3.22 -102.62 N | 143.52 3.24 -96.57 N | 101.96 3.62 -51.93 N | 155.18 4.31 -98.62 N | 151.79 5.10 -94.01 N | 137.00 6.64 -62.60 N | 125.39 7.26 -39.21 N | 118.35 7.51 -31.86 N | 141.21 7.99 -54.22 N | 144.24 7.91 -59.14 N | 128.56 7.00 -53.35 N | 128.54 6.78 -55.53 N | 172.83 3.92 -124.20 N | 153.02 4.17 -102.16 N | 146.36 4.54 -91.21 N | 146.90 3.07 -107.10 N | 154.94 6.91 -74.92 N | 186.22 5.95 -120.38 N | 149.13 3.26 -107.27 N |
| NYPA_POUCH1___GT 24155 | 149.98 3.93 -98.37 N | 212.04 3.52 -161.61 N | 249.25 3.69 -197.96 N | 249.93 3.30 -201.64 N | 241.83 2.70 -201.98 N | 254.81 3.15 -208.34 N | 240.16 3.14 -193.32 N | 138.86 3.57 -88.90 N | 257.36 4.20 -200.91 N | 246.50 5.04 -188.78 N | 186.58 6.58 -112.23 N | 151.20 7.23 -65.05 N | 139.36 7.52 -52.85 N | 193.23 7.97 -106.25 N | 205.05 7.90 -119.96 N | 173.42 7.00 -98.21 N | 176.53 6.78 -103.53 N | 195.31 3.94 -146.66 N | 208.10 4.17 -157.23 N | 180.38 4.57 -125.20 N | 176.08 3.10 -136.25 N | 225.16 6.96 -145.08 N | 283.71 5.95 -217.88 N | 202.46 3.29 -160.57 N |
| NYPA_VERNON___GT2 24162 | 69.42 3.84 -17.91 N | 77.00 3.55 -26.54 N | 83.71 3.75 -32.36 N | 82.29 3.36 -33.93 N | 74.48 2.75 -34.59 N | 81.84 3.19 -35.34 N | 80.17 3.21 -33.25 N | 67.88 3.60 -17.88 N | 90.51 4.30 -33.96 N | 90.15 5.10 -32.37 N | 95.92 6.60 -21.56 N | 99.65 7.23 -13.50 N | 97.43 7.47 -10.97 N | 105.62 7.95 -18.67 N | 105.40 7.85 -20.37 N | 102.51 6.98 -27.31 N | 100.64 6.76 -27.66 N | 159.78 3.90 -111.16 N | 118.82 4.13 -67.99 N | 123.92 4.52 -68.80 N | 126.99 3.03 -87.23 N | 109.07 6.84 -29.11 N | 128.28 5.93 -62.46 N | 117.55 3.21 -75.74 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 |
|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| NYPA_VERNON____GT3 24163 | 69.42 3.84 -17.91 N | 77.00 3.55 -26.54 N | 83.71 3.75 -32.36 N | 82.29 3.36 -33.93 N | 74.48 2.75 -34.59 N | 81.84 3.19 -35.34 N | 80.17 3.21 -33.25 N | 67.88 3.60 -17.88 N | 90.51 4.30 -33.96 N | 90.15 5.10 -32.37 N | 95.92 6.60 -21.56 N | 99.65 7.23 -13.50 N | 97.43 7.47 -10.97 N | 105.62 7.95 -18.67 N | 105.40 7.85 -20.37 N | 102.51 6.98 -27.31 N | 100.64 6.76 -27.66 N | 159.78 3.90 -111.16 N | 118.82 4.13 -67.99 N | 123.92 4.52 -68.80 N | 126.99 3.03 -87.23 N | 109.07 6.84 -29.11 N | 128.28 5.93 -62.46 N | 117.55 3.21 -75.74 N | |
| NYPA____ASTORIA_CC1 323568 | 51.49 3.81 -0.01 N | 50.45 3.54 0.00 N | 51.33 3.73 0.00 N | 48.33 3.34 0.00 N | 39.89 2.74 0.00 N | 46.49 3.17 0.00 N | 46.89 3.18 0.00 N | 49.99 3.59 0.00 N | 56.50 4.26 0.00 N | 57.75 5.07 0.00 N | 74.36 6.60 0.00 N | 86.12 7.20 0.00 N | 86.46 7.47 0.00 N | 86.94 7.94 0.00 N | 85.03 7.85 0.00 N | 88.83 6.98 -13.63 N | 86.00 6.74 -13.03 N | 152.90 3.88 -104.31 N | 100.87 4.12 -50.05 N | 112.11 4.48 -57.03 N | 116.52 3.01 -76.79 N | 84.98 6.81 -5.05 N | 97.82 5.89 -32.04 N | 100.94 3.17 -59.17 N | |
| NYPA____ASTORIA_CC2 323569 | 51.49 3.81 -0.01 N | 50.45 3.54 0.00 N | 51.33 3.73 0.00 N | 48.33 3.34 0.00 N | 39.89 2.74 0.00 N | 46.49 3.17 0.00 N | 46.89 3.18 0.00 N | 49.99 3.59 0.00 N | 56.50 4.26 0.00 N | 57.75 5.07 0.00 N | 74.36 6.60 0.00 N | 86.12 7.20 0.00 N | 86.46 7.47 0.00 N | 86.94 7.94 0.00 N | 85.03 7.85 0.00 N | 88.83 6.98 -13.63 N | 86.00 6.74 -13.03 N | 152.90 3.88 -104.31 N | 100.87 4.12 -50.05 N | 112.11 4.48 -57.03 N | 116.52 3.01 -76.79 N | 84.98 6.81 -5.05 N | 97.82 5.89 -32.04 N | 100.94 3.17 -59.17 N | |
| NYPA____HOLTSVILL 23794 | 81.04 4.17 -29.20 N | 84.45 3.83 -33.71 N | 82.65 4.07 -30.98 N | 81.58 3.78 -32.81 N | 77.86 3.14 -37.57 N | 60.36 3.81 -13.24 N | 65.02 3.78 -17.53 N | 83.34 4.06 -32.87 N | 88.63 4.62 -31.76 N | 87.97 5.32 -29.96 N | 89.80 6.75 -15.29 N | 116.17 7.50 -29.75 N | 138.98 7.57 -52.42 N | 134.65 8.18 -47.47 N | 130.41 7.83 -45.40 N | 114.35 6.53 -39.60 N | 111.71 6.22 -39.26 N | 149.89 3.10 -102.08 N | 102.79 3.37 -52.71 N | 142.61 3.46 -88.54 N | 121.40 2.28 -82.39 N | 115.01 6.34 -35.56 N | 137.70 6.02 -71.80 N | 90.50 3.34 -48.57 N | |
| NYPA____HELLGATE_GT1 24158 | 51.68 3.99 -0.01 N | 50.63 3.72 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.63 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.46 0.00 N | 86.90 7.91 0.00 N | 87.37 8.36 0.00 N | 85.47 8.28 0.00 N | 89.20 7.35 -13.63 N | 86.18 6.93 -13.03 N | 152.94 3.91 -104.31 N | 100.85 4.10 -50.05 N | 112.09 4.45 -57.03 N | 114.59 3.04 -74.83 N | 85.31 7.16 -5.04 N | 97.86 5.93 -32.04 N | 100.92 3.15 -59.17 N | |
| NYPA____HELLGATE_GT2 24159 | 51.68 3.99 -0.01 N | 50.63 3.72 0.00 N | 51.42 3.82 0.00 N | 48.38 3.39 0.00 N | 39.91 2.76 0.00 N | 46.52 3.20 0.00 N | 46.93 3.22 0.00 N | 50.03 3.63 0.00 N | 56.63 4.38 0.00 N | 57.91 5.23 0.00 N | 74.55 6.79 0.00 N | 86.38 7.46 0.00 N | 86.90 7.91 0.00 N | 87.37 8.36 0.00 N | 85.47 8.28 0.00 N | 89.20 7.35 -13.63 N | 86.18 6.93 -13.03 N | 152.94 3.91 -104.31 N | 100.85 4.10 -50.05 N | 112.09 4.45 -57.03 N | 114.59 3.04 -74.83 N | 85.31 7.16 -5.04 N | 97.86 5.93 -32.04 N | 100.92 3.15 -59.17 N | |
| NYS_BARGE____HYD 23848 | 45.15 -2.52 0.00 N | 43.84 -3.07 0.00 N | 44.05 -3.55 0.00 N | 42.05 -2.94 0.00 N | 34.71 -2.45 0.00 N | 40.02 -3.29 0.00 N | 40.83 -2.88 0.00 N | 43.48 -2.92 0.00 N | 50.05 -2.20 0.00 N | 49.68 -3.00 0.00 N | 65.46 -2.31 0.00 N | 78.94 0.01 0.00 N | 79.43 0.44 0.00 N | 78.46 -0.54 0.00 N | 76.19 -0.99 0.00 N | 67.61 -0.61 0.00 N | 65.16 -1.06 0.00 N | 44.28 -0.44 0.00 N | 45.36 -1.34 0.00 N | 48.91 -1.70 0.00 N | 36.36 -0.37 0.00 N | 70.57 -2.54 0.00 N | 57.23 -2.65 0.00 N | 36.35 -2.25 0.00 N | |
| O.H_GEN_BRUCE 24063 | 51.27 -4.39 -0.22 N | 43.63 -3.28 0.00 N | 43.80 -3.79 0.00 N | 41.82 -3.17 0.00 N | 34.51 -2.64 0.00 N | 21.12 -2.57 9.63 N | 40.57 -3.14 0.00 N | 65.01 -2.22 -20.66 N | 49.61 -2.64 0.00 N | 49.27 -3.41 0.00 N | 64.86 -2.91 0.00 N | 78.40 -0.52 0.00 N | 78.85 -0.14 0.00 N | 77.85 -1.15 0.00 N | 75.57 -1.61 0.00 N | 67.06 -1.16 0.00 N | 73.96 -1.97 1.14 N | 81.73 -2.90 -5.75 N | 45.09 -1.61 0.00 N | 64.42 -2.57 -11.35 N | 36.18 -0.55 0.00 N | 56.59 -0.52 -10.78 N | 38.76 -2.81 6.26 N | 50.00 -5.09 -5.82 N | |
| OAK ORCHARD____HYD 24046 | 46.64 -1.03 0.00 N | 45.28 -1.63 0.00 N | 45.62 -1.98 0.00 N | 43.34 -1.65 0.00 N | 35.78 -1.38 0.00 N | 41.45 -1.87 0.00 N | 42.30 -1.41 0.00 N | 45.10 -1.29 0.00 N | 51.60 -0.65 0.00 N | 51.85 -0.83 0.00 N | 67.87 0.11 0.00 N | 80.93 2.00 0.00 N | 81.41 2.42 0.00 N | 80.94 1.94 0.00 N | 78.83 1.65 0.00 N | 69.79 1.58 0.00 N | 67.38 1.16 0.00 N | 45.64 0.93 0.00 N | 47.01 0.31 0.00 N | 50.75 0.15 0.00 N | 37.29 0.56 0.00 N | 73.02 -0.09 0.00 N | 59.28 -0.61 0.00 N | 37.81 -0.79 0.00 N | |
| OCC_CHEM____DRP 24175 | 45.44 -2.23 0.00 N | 44.00 -2.91 0.00 N | 44.18 -3.42 0.00 N | 42.18 -2.81 0.00 N | 34.80 -2.35 0.00 N | 40.12 -3.19 0.00 N | 40.92 -2.79 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.75 -2.93 0.00 N | 65.51 -2.25 0.00 N | 79.19 0.27 0.00 N | 79.68 0.69 0.00 N | 78.64 -0.36 0.00 N | 76.36 -0.82 0.00 N | 67.74 -0.47 0.00 N | 65.29 -0.93 0.00 N | 44.43 -0.29 0.00 N | 45.53 -1.17 0.00 N | 49.07 -1.53 0.00 N | 36.54 -0.18 0.00 N | 70.77 -2.34 0.00 N | 57.41 -2.48 0.00 N | 36.47 -2.12 0.00 N | |
| OLIN_CORP_DRP 24177 | 45.18 -2.49 0.00 N | 43.79 -3.12 0.00 N | 43.97 -3.63 0.00 N | 41.98 -3.01 0.00 N | 34.66 -2.50 0.00 N | 39.95 -3.36 0.00 N | 40.74 -2.97 0.00 N | 43.35 -3.05 0.00 N | 49.86 -2.38 0.00 N | 49.54 -3.14 0.00 N | 65.23 -2.53 0.00 N | 78.83 -0.10 0.00 N | 79.31 0.32 0.00 N | 78.31 -0.69 0.00 N | 76.01 -1.18 0.00 N | 67.45 -0.76 0.00 N | 65.02 -1.21 0.00 N | 44.21 -0.50 0.00 N | 45.32 -1.38 0.00 N | 48.88 -1.73 0.00 N | 36.37 -0.36 0.00 N | 70.49 -2.62 0.00 N | 57.17 -2.72 0.00 N | 36.33 -2.27 0.00 N | |
| ONONDAGA_REF_OCCRA 23987 | 47.30 -0.37 0.00 N | 46.41 -0.50 0.00 N | 47.00 -0.60 0.00 N | 44.46 -0.53 0.00 N | 36.72 -0.44 0.00 N | 42.74 -0.57 0.00 N | 43.19 -0.52 0.00 N | 45.91 -0.49 0.00 N | 51.92 -0.33 0.00 N | 52.43 -0.25 0.00 N | 67.67 -0.09 0.00 N | 79.36 0.44 0.00 N | 79.63 0.64 0.00 N | 79.57 0.57 0.00 N | 77.68 0.49 0.00 N | 68.65 0.43 0.00 N | 66.37 0.15 0.00 N | 44.82 0.11 0.00 N | 46.62 -0.08 0.00 N | 50.53 -0.07 0.00 N | 36.76 0.04 0.00 N | 72.85 -0.27 0.00 N | 59.52 -0.37 0.00 N | 38.40 -0.20 0.00 N | |
| ONONDAGA____COGEN 23986 | 46.96 -0.71 0.00 N | 46.09 -0.83 0.00 N | 46.66 -0.93 0.00 N | 44.15 -0.84 0.00 N | 36.46 -0.69 0.00 N | 42.44 -0.87 0.00 N | 42.88 -0.83 0.00 N | 45.57 -0.83 0.00 N | 51.55 -0.71 0.00 N | 52.01 -0.67 0.00 N | 67.15 -0.62 0.00 N | 78.71 -0.21 0.00 N | 78.96 -0.03 0.00 N | 78.91 -0.09 0.00 N | 77.02 -0.16 0.00 N | 68.06 -0.16 0.00 N | 65.86 -0.37 0.00 N | 44.51 -0.20 0.00 N | 46.32 -0.38 0.00 N | 50.22 -0.39 0.00 N | 36.55 -0.18 0.00 N | 72.39 -0.73 0.00 N | 59.16 -0.73 0.00 N | 38.17 -0.42 0.00 N | |
| ONTARIO____LFGE | 46.32 | 45.12 | 45.58 | 43.33 | 35.98 | 41.65 | 42.19 | 44.95 | 51.22 | 51.74 | 67.38 | 79.87 | 80.38 | 80.11 | 78.04 | 69.07 | 66.61 | 45.02 | 46.55 | 50.53 | 36.98 | 72.62 | 58.94 | 37.79 | |

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| 23819 | -1.36 0.00 N | -1.79 0.00 N | -2.02 0.00 N | -1.66 0.00 N | -1.17 0.00 N | -1.66 0.00 N | -1.52 0.00 N | -1.45 0.00 N | -1.03 0.00 N | -0.94 0.00 N | -0.38 0.00 N | 0.95 0.00 N | 1.39 0.00 N | 1.11 0.00 N | 0.86 0.00 N | 0.85 0.00 N | 0.38 0.00 N | 0.31 0.00 N | -0.15 0.00 N | -0.08 0.00 N | 0.25 0.00 N | -0.50 0.00 N | -0.94 0.00 N | -0.81 0.00 N |
| OSWEGATCHIE___HYD 24044 | 47.10 -0.57 0.00 N | 46.16 -0.75 0.00 N | 46.81 -0.78 0.00 N | 44.38 -0.61 0.00 N | 36.59 -0.56 0.00 N | 42.79 -0.53 0.00 N | 43.33 -0.37 0.00 N | 46.01 -0.39 0.00 N | 51.48 -0.77 0.00 N | 51.62 -1.06 0.00 N | 66.02 -1.74 0.00 N | 76.80 -2.13 0.00 N | 76.20 -2.80 0.00 N | 76.00 -3.01 0.00 N | 74.86 -2.33 0.00 N | 70.42 2.20 0.00 N | 68.18 1.96 0.00 N | 45.62 0.91 0.00 N | 47.55 0.85 0.00 N | 51.19 0.58 0.00 N | 36.99 0.27 0.00 N | 73.73 0.61 0.00 N | 60.17 0.28 0.00 N | 38.64 0.04 0.00 N |
| OSWEGO___5 23606 | 46.72 -0.95 0.00 N | 45.84 -1.07 0.00 N | 46.43 -1.16 0.00 N | 43.95 -1.04 0.00 N | 36.29 -0.86 0.00 N | 42.25 -1.06 0.00 N | 42.69 -1.02 0.00 N | 45.35 -1.05 0.00 N | 51.18 -1.07 0.00 N | 51.55 -1.13 0.00 N | 66.45 -1.32 0.00 N | 77.79 -1.13 0.00 N | 77.98 -1.02 0.00 N | 77.90 -1.11 0.00 N | 76.04 -1.15 0.00 N | 67.26 -0.95 0.00 N | 65.16 -1.07 0.00 N | 44.09 -0.62 0.00 N | 45.90 -0.80 0.00 N | 49.73 -0.88 0.00 N | 36.17 -0.55 0.00 N | 71.64 -1.47 0.00 N | 58.59 -1.30 0.00 N | 37.86 -0.74 0.00 N |
| OSWEGO___6 23613 | 46.72 -0.95 0.00 N | 45.84 -1.07 0.00 N | 46.43 -1.16 0.00 N | 43.95 -1.04 0.00 N | 36.29 -0.86 0.00 N | 42.25 -1.06 0.00 N | 42.69 -1.02 0.00 N | 45.35 -1.05 0.00 N | 51.18 -1.07 0.00 N | 51.55 -1.13 0.00 N | 66.45 -1.32 0.00 N | 77.79 -1.13 0.00 N | 77.98 -1.02 0.00 N | 77.90 -1.11 0.00 N | 76.04 -1.15 0.00 N | 67.26 -0.95 0.00 N | 65.16 -1.07 0.00 N | 44.09 -0.62 0.00 N | 45.90 -0.80 0.00 N | 49.73 -0.88 0.00 N | 36.17 -0.55 0.00 N | 71.64 -1.47 0.00 N | 58.59 -1.30 0.00 N | 37.86 -0.74 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 45.41 -2.27 0.00 N | 44.14 -2.77 0.00 N | 44.43 -3.16 0.00 N | 42.43 -2.56 0.00 N | 35.02 -2.14 0.00 N | 40.38 -2.93 0.00 N | 41.19 -2.52 0.00 N | 43.88 -2.52 0.00 N | 50.48 -1.76 0.00 N | 50.14 -2.54 0.00 N | 65.88 -1.89 0.00 N | 79.32 0.40 0.00 N | 79.80 0.81 0.00 N | 78.85 -0.16 0.00 N | 76.57 -0.61 0.00 N | 67.92 -0.29 0.00 N | 65.47 -0.76 0.00 N | 44.46 -0.25 0.00 N | 45.55 -1.15 0.00 N | 49.12 -1.49 0.00 N | 36.52 -0.21 0.00 N | 70.86 -2.25 0.00 N | 57.47 -2.42 0.00 N | 36.51 -2.09 0.00 N |
| OXBOW___ 24026 | 45.51 -2.17 0.00 N | 44.14 -2.77 0.00 N | 44.38 -3.22 0.00 N | 42.37 -2.62 0.00 N | 34.96 -2.19 0.00 N | 40.31 -3.01 0.00 N | 41.12 -2.59 0.00 N | 43.79 -2.61 0.00 N | 50.37 -1.88 0.00 N | 50.05 -2.63 0.00 N | 65.81 -1.95 0.00 N | 79.43 0.51 0.00 N | 79.91 0.92 0.00 N | 78.92 -0.09 0.00 N | 76.62 -0.57 0.00 N | 67.99 -0.23 0.00 N | 65.52 -0.71 0.00 N | 44.53 -0.18 0.00 N | 45.64 -1.06 0.00 N | 49.19 -1.42 0.00 N | 36.60 -0.12 0.00 N | 70.95 -2.16 0.00 N | 57.54 -2.35 0.00 N | 36.56 -2.03 0.00 N |
| PEEKSKILL___ 23653 | 50.80 3.13 0.00 N | 49.81 2.90 0.00 N | 50.65 3.05 0.00 N | 47.69 2.70 0.00 N | 39.37 2.22 0.00 N | 45.90 2.59 0.00 N | 46.28 2.58 0.00 N | 49.33 2.93 0.00 N | 55.81 3.56 0.00 N | 57.06 4.38 0.00 N | 73.58 5.82 0.00 N | 85.39 6.47 0.00 N | 85.81 6.81 0.00 N | 86.39 7.39 0.00 N | 84.52 7.34 0.00 N | 88.17 6.56 0.00 N | 85.50 6.45 0.00 N | 152.25 3.85 -103.69 N | 100.56 4.11 -49.75 N | 111.80 4.51 -56.68 N | 116.22 3.07 -76.42 N | 84.73 6.57 -5.05 N | 65.97 5.50 -0.58 N | 41.46 2.87 0.00 N |
| PGE MADISON___WINDPWR 24146 | 48.72 1.05 0.00 N | 47.77 0.86 0.00 N | 48.42 0.83 0.00 N | 45.90 0.91 0.00 N | 38.04 0.89 0.00 N | 44.21 0.90 0.00 N | 44.90 1.19 0.00 N | 48.17 1.77 0.00 N | 55.31 3.06 0.00 N | 56.24 3.56 0.00 N | 73.30 5.53 0.00 N | 86.37 7.44 0.00 N | 86.68 7.69 0.00 N | 86.50 7.50 0.00 N | 83.96 6.78 0.00 N | 74.30 6.09 0.00 N | 71.98 5.41 -0.34 N | 49.43 3.48 -1.25 N | 50.38 3.08 -0.61 N | 54.72 3.42 -0.69 N | 39.27 2.50 -0.04 N | 77.56 4.44 0.00 N | 63.05 3.16 0.00 N | 40.21 1.61 0.00 N |
| PIERCEFIELD___HYD 23852 | 46.65 -1.02 0.00 N | 45.72 -1.20 0.00 N | 46.42 -1.18 0.00 N | 44.09 -0.90 0.00 N | 36.34 -0.81 0.00 N | 42.53 -0.79 0.00 N | 43.10 -0.61 0.00 N | 45.65 -0.75 0.00 N | 50.68 -1.57 0.00 N | 50.49 -2.19 0.00 N | 64.24 -3.53 0.00 N | 74.30 -4.62 0.00 N | 73.25 -5.74 0.00 N | 72.96 -6.04 0.00 N | 71.82 -5.37 0.00 N | 64.28 -3.93 0.00 N | 62.82 -3.41 0.00 N | 42.63 -2.08 0.00 N | 44.57 -2.13 0.00 N | 48.80 -1.81 0.00 N | 35.41 -1.31 0.00 N | 70.99 -2.12 0.00 N | 58.75 -1.14 0.00 N | 37.96 -0.63 0.00 N |
| PINELAWN_CC_1 323563 | 81.42 4.55 -29.20 N | 84.79 4.17 -33.71 N | 82.93 4.35 -30.98 N | 81.80 4.00 -32.81 N | 78.02 3.30 -37.57 N | 60.51 3.95 -13.24 N | 65.18 3.94 -17.53 N | 83.62 4.35 -32.87 N | 89.13 5.12 -31.76 N | 88.42 5.77 -29.96 N | 90.54 7.49 -15.29 N | 117.15 8.48 -29.75 N | 140.16 8.74 -52.42 N | 135.74 9.27 -47.47 N | 131.57 8.99 -45.40 N | 115.65 7.84 -39.60 N | 113.03 7.54 -39.26 N | 151.19 4.23 -102.24 N | 103.91 4.49 -52.72 N | 143.90 4.68 -88.61 N | 122.29 3.16 -82.41 N | 116.42 7.71 -35.59 N | 138.39 6.70 -71.80 N | 90.88 3.72 -48.57 N |
| PJM_GEN_KEystone 24065 | 43.65 -4.03 0.00 N | 42.57 -4.34 0.00 N | 43.21 -4.39 0.00 N | 41.23 -3.76 0.00 N | 34.21 -2.94 0.00 N | 21.07 -2.63 9.63 N | 40.19 -3.52 0.00 N | 42.96 -3.43 0.00 N | 49.21 -3.04 0.00 N | 49.60 -3.08 0.00 N | 65.22 -2.55 0.00 N | 77.92 -1.01 0.00 N | 78.83 -0.16 0.00 N | 92.01 5.05 -5.12 N | 74.16 -1.25 2.48 N | 67.50 -0.72 0.00 N | 76.17 0.25 1.14 N | 85.00 0.37 -5.75 N | 45.08 -1.62 0.00 N | 70.00 -0.90 -15.26 N | 65.00 0.10 -18.35 N | 62.00 -1.33 -17.00 N | 38.27 -3.30 6.26 N | 35.21 -4.87 9.19 N |
| PLEASANTVLY___LBMP 24000 | 50.63 2.96 0.00 N | 49.76 2.85 0.00 N | 50.58 2.98 0.00 N | 47.66 2.67 0.00 N | 39.32 2.16 0.00 N | 45.86 2.54 0.00 N | 46.18 2.47 0.00 N | 49.18 2.78 0.00 N | 55.56 3.31 0.00 N | 56.76 4.08 0.00 N | 73.19 5.42 0.00 N | 84.90 5.98 0.00 N | 85.12 6.13 0.00 N | 85.61 6.61 0.00 N | 83.74 6.56 0.00 N | 89.77 5.83 -15.73 N | 86.27 5.76 -14.29 N | 91.75 3.43 -43.61 N | 71.70 3.77 -21.23 N | 78.85 4.13 -24.11 N | 41.05 2.78 -1.54 N | 79.05 5.94 0.00 N | 65.56 4.99 -0.68 N | 41.23 2.63 0.00 N |
| POLETTI___ 23519 | 51.25 3.57 0.00 N | 50.26 3.35 0.00 N | 51.14 3.54 0.00 N | 48.20 3.21 0.00 N | 39.78 2.63 0.00 N | 46.36 3.05 0.00 N | 46.76 3.05 0.00 N | 49.87 3.47 0.00 N | 56.41 4.16 0.00 N | 57.66 4.98 0.00 N | 74.22 6.45 0.00 N | 85.99 7.07 0.00 N | 86.26 7.27 0.00 N | 86.77 7.77 0.00 N | 84.84 7.66 0.00 N | 88.68 6.83 -13.63 N | 85.93 6.67 -13.03 N | 152.88 3.86 -104.31 N | 100.83 4.08 -50.05 N | 112.09 4.45 -57.03 N | 116.52 3.00 -76.79 N | 84.87 6.70 -5.05 N | 97.78 5.85 -32.04 N | 100.92 3.16 -59.17 N |
| PORT_JEFF_3 23555 | 80.97 4.10 -29.20 N | 84.36 3.74 -33.71 N | 82.61 4.03 -30.98 N | 81.58 3.78 -32.81 N | 77.86 3.14 -37.57 N | 60.42 3.86 -13.24 N | 65.07 3.83 -17.53 N | 83.30 4.02 -32.87 N | 88.49 4.48 -31.76 N | 87.77 5.13 -29.96 N | 89.31 6.26 -15.29 N | 115.58 6.90 -29.75 N | 138.34 6.93 -52.42 N | 134.03 7.56 -47.47 N | 129.82 7.24 -45.40 N | 113.82 6.01 -39.60 N | 111.20 5.72 -39.25 N | 149.44 2.82 -101.92 N | 102.54 3.14 -52.70 N | 142.22 3.15 -88.47 N | 121.13 2.04 -82.37 N | 114.65 6.01 -35.53 N | 137.41 5.73 -71.80 N | 90.36 3.19 -48.57 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| PORT_JEFF_4 23616 | 80.97 4.10 -29.20 N | 84.36 3.74 -33.71 N | 82.61 4.03 -30.98 N | 81.58 3.78 -32.81 N | 77.86 3.14 -37.57 N | 60.42 3.86 -13.24 N | 65.07 3.83 -17.53 N | 83.30 4.02 -32.87 N | 88.49 4.48 -31.76 N | 87.77 5.13 -29.96 N | 89.31 6.26 -15.29 N | 115.58 6.90 -29.75 N | 138.34 6.93 -52.42 N | 134.03 7.56 -47.47 N | 129.82 7.24 -45.40 N | 113.82 6.01 -39.60 N | 111.20 5.72 -39.25 N | 149.44 2.82 -101.92 N | 102.54 3.14 -52.70 N | 142.22 3.14 -88.47 N | 121.13 2.04 -82.37 N | 114.65 6.01 -35.53 N | 137.41 5.73 -71.80 N | 90.36 3.19 -48.57 N |
| PORT_JEFF_IC 23713 | 81.22 4.36 -29.20 N | 84.56 3.94 -33.71 N | 82.80 4.22 -30.98 N | 81.74 3.93 -32.81 N | 78.00 3.27 -37.57 N | 60.56 4.01 -13.24 N | 65.22 3.98 -17.53 N | 83.50 4.22 -32.87 N | 88.77 4.76 -31.76 N | 88.10 5.46 -29.96 N | 89.53 6.48 -15.29 N | 115.87 7.20 -29.75 N | 138.67 7.26 -52.42 N | 134.37 7.91 -47.47 N | 130.14 7.55 -45.40 N | 114.09 6.28 -39.60 N | 111.45 5.97 -39.25 N | 149.11 2.97 -101.42 N | 102.67 3.28 -52.69 N | 142.15 3.29 -88.25 N | 121.18 2.15 -82.30 N | 114.78 6.23 -35.44 N | 137.60 5.91 -71.80 N | 90.60 3.43 -48.57 N |
| PPL PILGRIM_ST_GT1 24216 | 81.58 4.71 -29.20 N | 84.91 4.29 -33.71 N | 83.09 4.52 -30.98 N | 81.99 4.19 -32.81 N | 78.20 3.47 -37.57 N | 60.74 4.19 -13.24 N | 65.40 4.17 -17.53 N | 83.77 4.49 -32.87 N | 89.16 5.15 -31.76 N | 88.12 5.48 -29.96 N | 90.24 7.18 -15.29 N | 116.55 7.88 -29.75 N | 139.52 8.10 -52.42 N | 135.15 8.68 -47.47 N | 130.94 8.35 -45.40 N | 114.94 7.12 -39.60 N | 112.32 6.84 -39.25 N | 149.57 3.65 -101.20 N | 103.31 3.93 -52.68 N | 142.80 4.04 -88.15 N | 121.69 2.69 -82.27 N | 115.53 7.01 -35.40 N | 137.98 6.29 -71.80 N | 90.91 3.75 -48.57 N |
| PPL PILGRIM_ST_GT2 24217 | 81.58 4.71 -29.20 N | 84.91 4.29 -33.71 N | 83.09 4.52 -30.98 N | 81.99 4.19 -32.81 N | 78.20 3.47 -37.57 N | 60.74 4.19 -13.24 N | 65.40 4.17 -17.53 N | 83.77 4.49 -32.87 N | 89.16 5.15 -31.76 N | 88.12 5.48 -29.96 N | 90.24 7.18 -15.29 N | 116.55 7.88 -29.75 N | 139.52 8.10 -52.42 N | 135.15 8.68 -47.47 N | 130.94 8.35 -45.40 N | 114.94 7.12 -39.60 N | 112.32 6.84 -39.25 N | 149.57 3.65 -101.20 N | 103.31 3.93 -52.68 N | 142.80 4.04 -88.15 N | 121.69 2.69 -82.27 N | 115.53 7.01 -35.40 N | 137.98 6.29 -71.80 N | 90.91 3.75 -48.57 N |
| PPL_SHRM_GT3 24213 | 81.13 4.26 -29.20 N | 84.49 3.88 -33.71 N | 82.68 4.10 -30.98 N | 81.60 3.80 -32.81 N | 77.87 3.15 -37.57 N | 60.39 3.83 -13.24 N | 65.05 3.82 -17.53 N | 83.40 4.13 -32.87 N | 88.73 4.72 -31.76 N | 88.14 5.50 -29.96 N | 90.08 7.02 -15.29 N | 116.47 7.79 -29.75 N | 138.15 6.74 -52.42 N | 133.88 7.42 -47.47 N | 129.69 7.11 -45.40 N | 113.52 5.70 -39.60 N | 110.89 5.41 -39.25 N | 149.13 2.56 -101.86 N | 102.30 2.90 -52.70 N | 142.66 3.61 -88.44 N | 121.48 2.40 -82.36 N | 115.28 6.64 -35.52 N | 137.95 6.27 -71.80 N | 90.59 3.43 -48.57 N |
| PPL_SHRM_GT4 24214 | 81.13 4.26 -29.20 N | 84.49 3.88 -33.71 N | 82.68 4.10 -30.98 N | 81.60 3.80 -32.81 N | 77.87 3.15 -37.57 N | 60.39 3.83 -13.24 N | 65.05 3.82 -17.53 N | 83.40 4.13 -32.87 N | 88.73 4.72 -31.76 N | 88.14 5.50 -29.96 N | 90.08 7.02 -15.29 N | 116.47 7.79 -29.75 N | 138.15 6.74 -52.42 N | 133.88 7.42 -47.47 N | 129.69 7.11 -45.40 N | 113.52 5.70 -39.60 N | 110.89 5.41 -39.25 N | 149.13 2.56 -101.86 N | 102.30 2.90 -52.70 N | 142.66 3.61 -88.44 N | 121.48 2.40 -82.36 N | 115.28 6.64 -35.52 N | 137.95 6.27 -71.80 N | 90.59 3.43 -48.57 N |
| PROJECT___ORANGE 1 24174 | 47.26 -0.41 0.00 N | 46.41 -0.51 0.00 N | 46.98 -0.62 0.00 N | 44.45 -0.54 0.00 N | 36.70 -0.45 0.00 N | 42.73 -0.58 0.00 N | 43.19 -0.52 0.00 N | 45.91 -0.50 0.00 N | 51.89 -0.36 0.00 N | 52.35 -0.33 0.00 N | 67.60 -0.16 0.00 N | 79.38 0.46 0.00 N | 79.64 0.65 0.00 N | 79.57 0.57 0.00 N | 77.65 0.46 0.00 N | 68.61 0.40 0.00 N | 66.35 0.13 0.00 N | 44.81 0.10 0.00 N | 46.57 -0.13 0.00 N | 50.49 -0.12 0.00 N | 36.73 0.01 0.00 N | 72.72 -0.39 0.00 N | 59.42 -0.47 0.00 N | 38.33 -0.27 0.00 N |
| PROJECT___ORANGE 2 24166 | 47.26 -0.41 0.00 N | 46.41 -0.51 0.00 N | 46.98 -0.62 0.00 N | 44.45 -0.54 0.00 N | 36.70 -0.45 0.00 N | 42.73 -0.58 0.00 N | 43.19 -0.52 0.00 N | 45.91 -0.50 0.00 N | 51.89 -0.36 0.00 N | 52.35 -0.33 0.00 N | 67.60 -0.16 0.00 N | 79.38 0.46 0.00 N | 79.64 0.65 0.00 N | 79.57 0.57 0.00 N | 77.65 0.46 0.00 N | 68.61 0.40 0.00 N | 66.35 0.13 0.00 N | 44.81 0.10 0.00 N | 46.57 -0.13 0.00 N | 50.49 -0.12 0.00 N | 36.73 0.01 0.00 N | 72.72 -0.39 0.00 N | 59.42 -0.47 0.00 N | 38.33 -0.27 0.00 N |
| PYRITES___HYD 24023 | 47.26 -0.41 0.00 N | 46.29 -0.62 0.00 N | 46.98 -0.62 0.00 N | 44.58 -0.41 0.00 N | 36.77 -0.39 0.00 N | 43.02 -0.29 0.00 N | 43.62 -0.08 0.00 N | 45.91 -0.49 0.00 N | 50.76 -1.49 0.00 N | 50.56 -2.12 0.00 N | 64.35 -3.41 0.00 N | 74.45 -4.48 0.00 N | 73.40 -5.59 0.00 N | 73.23 -5.77 0.00 N | 73.37 -3.82 0.00 N | 65.74 -2.47 0.00 N | 64.13 -2.10 0.00 N | 43.49 -1.22 0.00 N | 45.44 -1.26 0.00 N | 49.71 -0.90 0.00 N | 36.07 -0.66 0.00 N | 72.28 -0.83 0.00 N | 59.68 -0.21 0.00 N | 38.50 -0.10 0.00 N |
| RAMAPO___LBMP 323565 | 50.72 3.05 0.00 N | 49.71 2.80 0.00 N | 50.52 2.93 0.00 N | 47.58 2.59 0.00 N | 39.28 2.13 0.00 N | 45.81 2.50 0.00 N | 46.20 2.50 0.00 N | 49.23 2.83 0.00 N | 55.70 3.45 0.00 N | 56.94 4.26 0.00 N | 73.42 5.66 0.00 N | 85.28 6.35 0.00 N | 85.77 6.78 0.00 N | 86.44 7.44 0.00 N | 84.57 7.38 0.00 N | 87.23 6.59 -12.42 N | 84.89 6.51 -12.16 N | 86.32 3.92 -37.69 N | 69.24 4.19 -18.35 N | 76.08 4.63 -20.84 N | 41.24 3.19 -1.33 N | 79.83 6.71 0.00 N | 65.95 5.52 -0.54 N | 41.46 2.87 0.00 N |
| RANKINE____ 23646 | 45.22 -2.45 0.00 N | 43.85 -3.07 0.00 N | 44.10 -3.50 0.00 N | 42.09 -2.90 0.00 N | 34.77 -2.38 0.00 N | 40.11 -3.21 0.00 N | 40.87 -2.84 0.00 N | 43.54 -2.86 0.00 N | 50.10 -2.15 0.00 N | 49.91 -2.77 0.00 N | 65.75 -2.02 0.00 N | 79.33 0.41 0.00 N | 79.88 0.89 0.00 N | 78.98 -0.03 0.00 N | 76.69 -0.50 0.00 N | 68.04 -0.17 0.00 N | 65.64 -0.59 0.00 N | 44.48 -0.23 0.00 N | 45.63 -1.07 0.00 N | 49.36 -1.25 0.00 N | 36.57 -0.15 0.00 N | 71.10 -2.02 0.00 N | 57.69 -2.20 0.00 N | 36.62 -1.98 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 51.31 3.63 0.00 N | 50.31 3.40 0.00 N | 51.17 3.57 0.00 N | 48.23 3.24 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.78 3.07 0.00 N | 49.87 3.47 0.00 N | 56.43 4.18 0.00 N | 57.67 4.99 0.00 N | 74.29 6.53 0.00 N | 86.11 7.19 0.00 N | 86.38 7.39 0.00 N | 86.91 7.91 0.00 N | 84.98 7.80 0.00 N | 88.81 6.95 -13.63 N | 86.05 6.79 -13.03 N | 152.97 3.95 -104.31 N | 100.94 4.19 -50.05 N | 112.22 4.59 -57.03 N | 116.61 3.10 -76.79 N | 85.02 6.85 -5.05 N | 97.87 5.94 -32.04 N | 100.98 3.21 -59.17 N |
| RAVENSWOOD_GT2_2 24245 | 51.31 3.63 0.00 N | 50.31 3.40 0.00 N | 51.17 3.57 0.00 N | 48.23 3.24 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.78 3.07 0.00 N | 49.87 3.47 0.00 N | 56.43 4.18 0.00 N | 57.67 4.99 0.00 N | 74.29 6.53 0.00 N | 86.11 7.19 0.00 N | 86.38 7.39 0.00 N | 86.91 7.91 0.00 N | 84.98 7.80 0.00 N | 88.81 6.95 -13.63 N | 86.05 6.79 -13.03 N | 152.97 3.95 -104.31 N | 100.94 4.19 -50.05 N | 112.22 4.59 -57.03 N | 116.61 3.10 -76.79 N | 85.02 6.85 -5.05 N | 97.87 5.94 -32.04 N | 100.98 3.21 -59.17 N |
| RAVENSWOOD_GT2_3 24246 | 51.36 3.69 0.00 N | 50.36 3.45 0.00 N | 51.22 3.62 0.00 N | 48.27 3.28 0.00 N | 39.83 2.67 0.00 N | 46.42 3.11 0.00 N | 46.82 3.11 0.00 N | 49.91 3.52 0.00 N | 56.49 4.24 0.00 N | 57.76 5.08 0.00 N | 74.38 6.62 0.00 N | 86.21 7.29 0.00 N | 86.52 7.53 0.00 N | 87.03 8.02 0.00 N | 85.08 7.89 0.00 N | 88.90 7.05 -13.63 N | 86.13 6.87 -13.03 N | 153.03 4.01 -104.31 N | 101.00 4.25 -50.05 N | 112.28 4.65 -57.03 N | 116.66 3.14 -76.79 N | 85.13 6.96 -5.05 N | 97.96 6.03 -32.04 N | 101.02 3.25 -59.17 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 |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| RAVENSWOOD_GT2_4 24247 | 51.36 3.69 0.00 N | 50.36 3.45 0.00 N | 51.22 3.62 0.00 N | 48.27 3.28 0.00 N | 39.83 2.67 0.00 N | 46.42 3.11 0.00 N | 46.82 3.11 0.00 N | 49.91 3.52 0.00 N | 56.49 4.24 0.00 N | 57.76 5.08 0.00 N | 74.38 6.62 0.00 N | 86.21 7.29 0.00 N | 86.52 7.53 0.00 N | 87.03 8.02 0.00 N | 85.08 7.89 0.00 N | 88.90 7.05 -13.63 N | 86.13 6.87 -13.03 N | 153.03 4.01 -104.31 N | 101.00 4.25 -50.05 N | 112.28 4.65 -57.03 N | 116.66 3.14 -76.79 N | 85.13 6.96 -5.05 N | 97.96 6.03 -32.04 N | 101.02 3.25 -59.17 N | |
| RAVENSWOOD_GT3_1 24248 | 51.31 3.63 0.00 N | 50.31 3.40 0.00 N | 51.17 3.57 0.00 N | 48.22 3.23 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.77 3.07 0.00 N | 49.87 3.47 0.00 N | 56.43 4.18 0.00 N | 57.67 4.99 0.00 N | 74.29 6.53 0.00 N | 86.11 7.19 0.00 N | 86.38 7.39 0.00 N | 86.91 7.91 0.00 N | 84.98 7.80 0.00 N | 88.81 6.95 -13.63 N | 86.05 6.79 -13.03 N | 152.97 3.95 -104.31 N | 100.94 4.19 -50.05 N | 112.22 4.58 -57.03 N | 116.61 3.10 -76.79 N | 85.02 6.85 -5.05 N | 97.87 5.94 -32.04 N | 100.98 3.21 -59.17 N | |
| RAVENSWOOD_GT3_2 24249 | 51.31 3.63 0.00 N | 50.31 3.40 0.00 N | 51.17 3.57 0.00 N | 48.22 3.23 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.77 3.07 0.00 N | 49.87 3.47 0.00 N | 56.43 4.18 0.00 N | 57.67 4.99 0.00 N | 74.29 6.53 0.00 N | 86.11 7.19 0.00 N | 86.38 7.39 0.00 N | 86.91 7.91 0.00 N | 84.98 7.80 0.00 N | 88.81 6.95 -13.63 N | 86.05 6.79 -13.03 N | 152.97 3.95 -104.31 N | 100.94 4.19 -50.05 N | 112.22 4.58 -57.03 N | 116.61 3.10 -76.79 N | 85.02 6.85 -5.05 N | 97.87 5.94 -32.04 N | 100.98 3.21 -59.17 N | |
| RAVENSWOOD_GT3_3 24250 | 51.40 3.73 0.00 N | 50.41 3.49 0.00 N | 51.27 3.67 0.00 N | 48.29 3.31 0.00 N | 39.86 2.70 0.00 N | 46.46 3.14 0.00 N | 46.86 3.15 0.00 N | 49.96 3.56 0.00 N | 56.54 4.29 0.00 N | 57.82 5.13 0.00 N | 74.46 6.70 0.00 N | 86.32 7.40 0.00 N | 86.60 7.60 0.00 N | 87.12 8.12 0.00 N | 85.17 7.99 0.00 N | 88.97 7.12 -13.63 N | 86.20 6.95 -13.03 N | 153.08 4.06 -104.31 N | 101.05 4.30 -50.05 N | 112.35 4.71 -57.03 N | 116.70 3.18 -76.79 N | 85.21 7.04 -5.05 N | 98.02 6.09 -32.04 N | 101.06 3.30 -59.17 N | |
| RAVENSWOOD_GT3_4 24251 | 51.40 3.73 0.00 N | 50.41 3.49 0.00 N | 51.27 3.67 0.00 N | 48.29 3.31 0.00 N | 39.86 2.70 0.00 N | 46.46 3.14 0.00 N | 46.86 3.15 0.00 N | 49.96 3.56 0.00 N | 56.54 4.29 0.00 N | 57.82 5.13 0.00 N | 74.46 6.70 0.00 N | 86.32 7.40 0.00 N | 86.60 7.60 0.00 N | 87.12 8.12 0.00 N | 85.17 7.99 0.00 N | 88.97 7.12 -13.63 N | 86.20 6.95 -13.03 N | 153.08 4.06 -104.31 N | 101.05 4.30 -50.05 N | 112.35 4.71 -57.03 N | 116.70 3.18 -76.79 N | 85.21 7.04 -5.05 N | 98.02 6.09 -32.04 N | 101.06 3.30 -59.17 N | |
| RAVENSWOOD_GT_1 23729 | 69.42 3.84 -17.91 N | 77.00 3.55 -26.54 N | 83.71 3.75 -32.36 N | 82.29 3.36 -33.93 N | 74.48 2.75 -34.59 N | 81.84 3.19 -35.34 N | 80.17 3.21 -33.25 N | 67.88 3.60 -17.88 N | 90.51 4.30 -33.96 N | 90.15 5.10 -32.37 N | 95.92 6.60 -21.56 N | 99.65 7.23 -13.50 N | 97.43 7.47 -10.97 N | 105.62 7.95 -18.67 N | 105.40 7.85 -20.37 N | 102.51 6.98 -27.31 N | 100.64 6.76 -27.66 N | 159.78 3.90 -111.16 N | 118.82 4.13 -67.99 N | 123.92 4.52 -68.80 N | 126.99 3.03 -87.23 N | 109.07 6.84 -29.11 N | 128.28 5.93 -62.46 N | 117.55 3.21 -75.74 N | |
| RAVENSWOOD_GT_10 24258 | 53.37 3.63 -2.07 N | 53.37 3.39 -3.06 N | 54.90 3.57 -3.73 N | 52.13 3.23 -3.92 N | 43.78 2.64 -3.99 N | 50.45 3.06 -4.08 N | 50.61 3.06 -3.84 N | 51.93 3.47 -2.06 N | 60.34 4.17 -3.92 N | 61.41 4.99 -3.73 N | 76.78 6.53 -2.49 N | 87.67 7.19 -1.56 N | 87.67 7.41 -1.26 N | 89.07 7.92 -2.16 N | 87.33 7.80 -2.35 N | 90.39 6.96 -15.21 N | 87.75 6.81 -14.72 N | 153.77 3.96 -105.10 N | 103.03 4.21 -52.12 N | 113.47 4.47 -58.38 N | 117.63 2.91 -77.99 N | 87.74 6.80 -7.83 N | 101.38 5.94 -35.55 N | 102.89 3.21 -61.08 N | |
| RAVENSWOOD_GT_11 24259 | 53.37 3.63 -2.07 N | 53.37 3.39 -3.06 N | 54.90 3.57 -3.73 N | 52.13 3.23 -3.92 N | 43.78 2.64 -3.99 N | 50.45 3.06 -4.08 N | 50.61 3.06 -3.84 N | 51.93 3.47 -2.06 N | 60.34 4.17 -3.92 N | 61.41 4.99 -3.73 N | 76.78 6.53 -2.49 N | 87.67 7.19 -1.56 N | 87.67 7.41 -1.26 N | 89.07 7.92 -2.16 N | 87.33 7.80 -2.35 N | 90.39 6.96 -15.21 N | 87.75 6.81 -14.72 N | 153.77 3.96 -105.10 N | 103.03 4.21 -52.12 N | 113.47 4.47 -58.38 N | 117.63 2.91 -77.99 N | 87.74 6.80 -7.83 N | 101.38 5.94 -35.55 N | 102.89 3.21 -61.08 N | |
| RAVENSWOOD_GT_4 24252 | 64.89 3.62 -13.60 N | 70.46 3.39 -20.16 N | 75.74 3.56 -24.58 N | 73.97 3.21 -25.78 N | 66.06 2.63 -26.27 N | 73.22 3.06 -26.84 N | 72.02 3.05 -25.26 N | 63.45 3.46 -13.59 N | 82.22 4.17 -25.80 N | 82.27 5.00 -24.59 N | 90.69 6.55 -16.37 N | 96.41 7.24 -10.26 N | 94.77 7.45 -8.33 N | 101.14 7.96 -14.18 N | 100.50 7.85 -15.47 N | 99.24 7.00 -24.02 N | 97.19 6.82 -24.14 N | 158.22 3.99 -109.51 N | 114.62 4.24 -63.68 N | 121.22 4.64 -65.97 N | 124.58 3.14 -84.72 N | 103.35 6.90 -23.33 N | 121.01 5.97 -55.15 N | 113.57 3.23 -71.75 N | |
| RAVENSWOOD_GT_5 24254 | 64.89 3.62 -13.60 N | 70.46 3.39 -20.16 N | 75.74 3.56 -24.58 N | 73.97 3.21 -25.78 N | 66.06 2.63 -26.27 N | 73.22 3.06 -26.84 N | 72.02 3.05 -25.26 N | 63.45 3.46 -13.59 N | 82.22 4.17 -25.80 N | 82.27 5.00 -24.59 N | 90.69 6.55 -16.37 N | 96.41 7.24 -10.26 N | 94.77 7.45 -8.33 N | 101.14 7.96 -14.18 N | 100.50 7.85 -15.47 N | 99.24 7.00 -24.02 N | 97.19 6.82 -24.14 N | 158.22 3.99 -109.51 N | 114.62 4.24 -63.68 N | 121.22 4.64 -65.97 N | 124.58 3.14 -84.72 N | 103.35 6.90 -23.33 N | 121.01 5.97 -55.15 N | 113.57 3.23 -71.75 N | |
| RAVENSWOOD_GT_6 24253 | 64.89 3.62 -13.60 N | 70.46 3.39 -20.16 N | 75.74 3.56 -24.58 N | 73.97 3.21 -25.78 N | 66.06 2.63 -26.27 N | 73.22 3.06 -26.84 N | 72.02 3.05 -25.26 N | 63.45 3.46 -13.59 N | 82.22 4.17 -25.80 N | 82.27 5.00 -24.59 N | 90.69 6.55 -16.37 N | 96.41 7.24 -10.26 N | 94.77 7.45 -8.33 N | 101.14 7.96 -14.18 N | 100.50 7.85 -15.47 N | 99.24 7.00 -24.02 N | 97.19 6.82 -24.14 N | 158.22 3.99 -109.51 N | 114.62 4.24 -63.68 N | 121.22 4.64 -65.97 N | 124.58 3.14 -84.72 N | 103.35 6.90 -23.33 N | 121.01 5.97 -55.15 N | 113.57 3.23 -71.75 N | |
| RAVENSWOOD_GT_7 24255 | 64.89 3.62 -13.60 N | 70.46 3.39 -20.16 N | 75.74 3.56 -24.58 N | 73.97 3.21 -25.78 N | 66.06 2.63 -26.27 N | 73.22 3.06 -26.84 N | 72.02 3.05 -25.26 N | 63.45 3.46 -13.59 N | 82.22 4.17 -25.80 N | 82.27 5.00 -24.59 N | 90.69 6.55 -16.37 N | 96.41 7.24 -10.26 N | 94.77 7.45 -8.33 N | 101.14 7.96 -14.18 N | 100.50 7.85 -15.47 N | 99.24 7.00 -24.02 N | 97.19 6.82 -24.14 N | 158.22 3.99 -109.51 N | 114.62 4.24 -63.68 N | 121.22 4.64 -65.97 N | 124.58 3.14 -84.72 N | 103.35 6.90 -23.33 N | 121.01 5.97 -55.15 N | 113.57 3.23 -71.75 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 53.37 3.63 -2.07 N | 53.37 3.39 -3.06 N | 54.90 3.57 -3.73 N | 52.13 3.23 -3.92 N | 43.78 2.64 -3.99 N | 50.45 3.06 -4.08 N | 50.61 3.06 -3.84 N | 51.93 3.47 -2.06 N | 60.34 4.17 -3.92 N | 61.41 4.99 -3.73 N | 76.78 6.53 -2.49 N | 87.67 7.19 -1.56 N | 87.67 7.41 -1.26 N | 89.07 7.92 -2.16 N | 87.33 7.80 -2.35 N | 90.39 6.96 -15.21 N | 87.75 6.81 -14.72 N | 153.77 3.96 -105.10 N | 103.03 4.21 -52.12 N | 113.47 4.47 -58.38 N | 117.63 2.91 -77.99 N | 87.74 6.80 -7.83 N | 101.38 5.94 -35.55 N | 102.89 3.21 -61.08 N | |
| RAVENSWOOD_GT_9 | 53.37 | 53.37 | 54.90 | 52.13 | 43.78 | 50.45 | 50.61 | 51.93 | 60.34 | 61.41 | 76.78 | 87.67 | 87.67 | 89.07 | 87.33 | 90.39 | 87.75 | 153.77 | 103.03 | 113.47 | 117.63 | 87.74 | 101.38 | 102.89 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|
| 24257 | 3.63 -2.07 N | 3.39 -3.06 N | 3.57 -3.73 N | 3.23 -3.92 N | 2.64 -3.99 N | 3.06 -4.08 N | 3.06 -3.84 N | 3.47 -2.06 N | 4.17 -3.92 N | 4.99 -3.73 N | 6.53 -2.49 N | 7.19 -1.56 N | 7.41 -1.26 N | 7.92 -2.16 N | 7.80 -2.35 N | 6.96 -15.21 N | 6.81 -14.72 N | 3.96 -105.10 N | 4.21 -52.12 N | 4.47 -58.38 N | 2.91 -77.99 N | 6.80 -7.83 N | 5.94 -35.55 N | 3.21 -61.08 N |
| RAVENSWOOD___1 23533 | 51.49 3.81 -0.01 N | 50.45 3.54 0.00 N | 51.33 3.73 0.00 N | 48.33 3.35 0.00 N | 39.89 2.74 0.00 N | 46.49 3.18 0.00 N | 46.89 3.19 0.00 N | 49.99 3.59 0.00 N | 56.50 4.26 0.00 N | 57.75 5.07 0.00 N | 74.34 6.58 0.00 N | 86.09 7.17 0.00 N | 86.42 7.43 0.00 N | 86.90 7.90 0.00 N | 84.98 7.80 0.00 N | 88.78 6.93 -13.63 N | 85.97 6.71 -13.03 N | 152.89 3.87 -104.31 N | 100.86 4.10 -50.05 N | 112.12 4.48 -57.03 N | 116.53 3.01 -76.79 N | 84.96 6.80 -5.05 N | 97.83 5.91 -32.04 N | 100.97 3.20 -59.17 N |
| RAVENSWOOD___2 23534 | 51.40 3.72 -0.01 N | 50.36 3.45 0.00 N | 51.24 3.64 0.00 N | 48.25 3.26 0.00 N | 39.82 2.67 0.00 N | 46.41 3.10 0.00 N | 46.81 3.10 0.00 N | 49.90 3.50 0.00 N | 56.39 4.14 0.00 N | 57.54 4.86 0.00 N | 73.94 6.18 0.00 N | 85.49 6.57 0.00 N | 85.78 6.79 0.00 N | 86.19 7.19 0.00 N | 84.29 7.11 0.00 N | 88.15 6.30 -13.63 N | 85.37 6.11 -13.03 N | 152.49 3.47 -104.31 N | 100.46 3.71 -50.05 N | 111.67 4.04 -57.03 N | 116.24 2.72 -76.79 N | 84.54 6.37 -5.05 N | 97.64 5.71 -32.04 N | 100.86 3.09 -59.17 N |
| RAVENSWOOD___3 23535 | 51.32 3.64 0.00 N | 50.32 3.40 0.00 N | 51.18 3.58 0.00 N | 48.23 3.24 0.00 N | 39.79 2.64 0.00 N | 46.38 3.06 0.00 N | 46.78 3.07 0.00 N | 49.87 3.47 0.00 N | 56.44 4.19 0.00 N | 57.69 5.01 0.00 N | 74.31 6.54 0.00 N | 86.11 7.19 0.00 N | 86.40 7.41 0.00 N | 86.92 7.92 0.00 N | 84.99 7.80 0.00 N | 88.81 6.96 -13.63 N | 86.06 6.81 -13.03 N | 152.97 3.95 -104.31 N | 100.95 4.20 -50.05 N | 112.22 4.59 -57.03 N | 116.62 3.10 -76.79 N | 85.03 6.86 -5.05 N | 97.88 5.95 -32.04 N | 100.98 3.21 -59.17 N |
| RAVENSWOOD___4 23820 | 33.92 3.80 17.55 N | 24.39 3.51 26.03 N | 19.58 3.72 31.74 N | 15.04 3.33 33.28 N | 5.94 2.71 33.92 N | 11.81 3.16 34.66 N | 14.26 3.16 32.61 N | 32.44 3.58 17.54 N | 23.19 4.25 33.31 N | 25.98 5.05 31.75 N | 53.16 6.53 21.14 N | 72.81 7.13 13.24 N | 75.60 7.37 10.76 N | 68.51 7.83 18.31 N | 64.94 7.74 19.98 N | 75.31 6.87 -0.22 N | 71.56 6.66 1.33 N | 146.14 3.84 -97.60 N | 83.23 4.08 -32.45 N | 100.53 4.44 -45.48 N | 106.27 2.99 -66.55 N | 61.34 6.77 18.54 N | 67.99 5.90 -2.20 N | 84.70 3.18 -42.92 N |
| RCPL_TRUST___DRP 24196 | 51.39 3.71 0.00 N | 50.38 3.46 0.00 N | 51.23 3.64 0.00 N | 48.28 3.29 0.00 N | 39.84 2.68 0.00 N | 46.44 3.12 0.00 N | 46.84 3.13 0.00 N | 49.95 3.55 0.00 N | 56.53 4.28 0.00 N | 57.80 5.12 0.00 N | 74.49 6.72 0.00 N | 86.41 7.48 0.00 N | 86.70 7.71 0.00 N | 87.23 8.23 0.00 N | 85.29 8.11 0.00 N | 89.08 7.23 -13.63 N | 86.32 7.06 -13.03 N | 153.16 4.14 -104.31 N | 101.14 4.39 -50.05 N | 112.43 4.79 -57.03 N | 116.77 3.25 -76.79 N | 85.30 7.13 -5.05 N | 98.08 6.15 -32.04 N | 101.08 3.32 -59.17 N |
| RENSSELAER___COGEN 23796 | 49.14 1.46 0.00 N | 48.48 1.57 0.00 N | 49.27 1.67 0.00 N | 46.51 1.52 0.00 N | 38.33 1.17 0.00 N | 44.74 1.42 0.00 N | 44.94 1.23 0.00 N | 47.80 1.39 0.00 N | 53.67 1.43 0.00 N | 54.59 1.91 0.00 N | 70.34 2.57 0.00 N | 81.59 2.66 0.00 N | 81.59 2.59 0.00 N | 81.80 2.81 0.00 N | 80.05 2.86 0.00 N | 71.31 2.54 -0.56 N | 69.38 2.64 -0.51 N | 48.01 1.74 -1.56 N | 49.67 2.22 -0.76 N | 53.82 2.35 -0.86 N | 38.29 1.51 -0.06 N | 76.13 3.02 0.00 N | 62.19 2.28 -0.02 N | 39.83 1.23 0.00 N |
| REVERE_CPPR_DRP 24186 | 48.60 0.93 0.00 N | 47.63 0.72 0.00 N | 48.23 0.64 0.00 N | 45.62 0.63 0.00 N | 37.68 0.52 0.00 N | 43.92 0.61 0.00 N | 44.41 0.70 0.00 N | 47.39 0.99 0.00 N | 53.74 1.49 0.00 N | 54.37 1.69 0.00 N | 69.94 2.18 0.00 N | 81.97 3.05 0.00 N | 82.16 3.17 0.00 N | 82.13 3.13 0.00 N | 80.14 2.96 0.00 N | 71.14 2.92 0.00 N | 68.82 2.59 0.00 N | 46.34 1.63 0.00 N | 48.23 1.53 0.00 N | 52.19 1.59 0.00 N | 37.84 1.12 0.00 N | 75.57 2.46 0.00 N | 61.68 1.80 0.00 N | 39.55 0.96 0.00 N |
| ROCHESTER_9_IC 23652 | 47.30 -0.37 0.00 N | 45.88 -1.03 0.00 N | 46.21 -1.38 0.00 N | 43.90 -1.09 0.00 N | 36.23 -0.93 0.00 N | 41.98 -1.33 0.00 N | 42.93 -0.77 0.00 N | 45.84 -0.56 0.00 N | 52.54 0.29 0.00 N | 52.89 0.21 0.00 N | 69.34 1.57 0.00 N | 82.79 3.87 0.00 N | 83.34 4.35 0.00 N | 82.90 3.90 0.00 N | 80.72 3.54 0.00 N | 71.48 3.26 0.00 N | 69.00 2.78 0.00 N | 46.70 1.99 0.00 N | 48.07 1.38 0.00 N | 51.87 1.27 0.00 N | 38.07 1.35 0.00 N | 74.55 1.44 0.00 N | 60.44 0.56 0.00 N | 38.47 -0.13 0.00 N |
| ROSETON___1 23587 | 50.53 2.86 0.00 N | 49.63 2.71 0.00 N | 50.45 2.85 0.00 N | 47.55 2.56 0.00 N | 39.23 2.07 0.00 N | 45.76 2.44 0.00 N | 46.08 2.37 0.00 N | 49.04 2.64 0.00 N | 55.40 3.15 0.00 N | 56.59 3.91 0.00 N | 72.96 5.19 0.00 N | 84.64 5.71 0.00 N | 84.86 5.87 0.00 N | 85.30 6.30 0.00 N | 83.48 6.30 0.00 N | 85.02 5.59 -11.21 N | 83.95 5.56 -12.16 N | 86.43 3.30 -38.42 N | 69.05 3.64 -18.71 N | 75.85 4.00 -21.24 N | 40.79 2.71 -1.35 N | 78.88 5.77 0.00 N | 65.21 4.84 -0.49 N | 41.13 2.53 0.00 N |
| ROSETON___2 23588 | 50.53 2.86 0.00 N | 49.63 2.71 0.00 N | 50.45 2.85 0.00 N | 47.55 2.56 0.00 N | 39.23 2.07 0.00 N | 45.76 2.44 0.00 N | 46.08 2.37 0.00 N | 49.04 2.64 0.00 N | 55.40 3.15 0.00 N | 56.59 3.91 0.00 N | 72.96 5.19 0.00 N | 84.64 5.71 0.00 N | 84.86 5.87 0.00 N | 85.30 6.30 0.00 N | 83.48 6.30 0.00 N | 85.02 5.59 -11.21 N | 83.95 5.56 -12.16 N | 86.43 3.30 -38.42 N | 69.05 3.64 -18.71 N | 75.85 4.00 -21.24 N | 40.79 2.71 -1.35 N | 78.88 5.77 0.00 N | 65.21 4.84 -0.49 N | 41.13 2.53 0.00 N |
| RUSSELL___1 23602 | 46.91 -0.76 0.00 N | 45.21 -1.70 0.00 N | 45.67 -1.93 0.00 N | 43.39 -1.60 0.00 N | 35.89 -1.27 0.00 N | 41.49 -1.82 0.00 N | 42.48 -1.23 0.00 N | 45.28 -1.12 0.00 N | 51.70 -0.55 0.00 N | 52.10 -0.58 0.00 N | 68.57 0.80 0.00 N | 81.86 2.94 0.00 N | 82.53 3.54 0.00 N | 82.22 3.21 0.00 N | 80.26 3.08 0.00 N | 71.09 2.87 0.00 N | 68.65 2.42 0.00 N | 46.50 1.79 0.00 N | 47.78 1.08 0.00 N | 51.43 0.82 0.00 N | 37.86 1.14 0.00 N | 73.77 0.65 0.00 N | 59.39 -0.50 0.00 N | 37.86 -0.74 0.00 N |
| RUSSELL___2 23532 | 46.91 -0.76 0.00 N | 45.21 -1.70 0.00 N | 45.67 -1.93 0.00 N | 43.39 -1.60 0.00 N | 35.89 -1.27 0.00 N | 41.49 -1.82 0.00 N | 42.48 -1.23 0.00 N | 45.28 -1.12 0.00 N | 51.70 -0.55 0.00 N | 52.10 -0.58 0.00 N | 68.57 0.80 0.00 N | 81.86 2.94 0.00 N | 82.53 3.54 0.00 N | 82.22 3.21 0.00 N | 80.26 3.08 0.00 N | 71.09 2.87 0.00 N | 68.65 2.42 0.00 N | 46.50 1.79 0.00 N | 47.78 1.08 0.00 N | 51.43 0.82 0.00 N | 37.86 1.14 0.00 N | 73.77 0.65 0.00 N | 59.39 -0.50 0.00 N | 37.86 -0.74 0.00 N |
| RUSSELL___3 23549 | 47.05 -0.62 0.00 N | 45.56 -1.35 0.00 N | 45.95 -1.65 0.00 N | 43.66 -1.33 0.00 N | 36.05 -1.10 0.00 N | 41.75 -1.56 0.00 N | 42.74 -0.97 0.00 N | 45.61 -0.79 0.00 N | 52.19 -0.06 0.00 N | 52.52 -0.16 0.00 N | 68.90 1.13 0.00 N | 82.24 3.32 0.00 N | 82.81 3.82 0.00 N | 82.40 3.40 0.00 N | 80.30 3.12 0.00 N | 71.09 2.88 0.00 N | 68.65 2.43 0.00 N | 46.52 1.81 0.00 N | 47.90 1.20 0.00 N | 51.68 1.07 0.00 N | 37.97 1.24 0.00 N | 74.16 1.05 0.00 N | 59.98 0.10 0.00 N | 38.21 -0.39 0.00 N |

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| RUSSELL___4 23556 | 46.91 -0.76 0.00 N | 45.22 -1.69 0.00 N | 45.68 -1.92 0.00 N | 43.39 -1.60 0.00 N | 35.89 -1.27 0.00 N | 41.49 -1.82 0.00 N | 42.48 -1.23 0.00 N | 45.28 -1.12 0.00 N | 51.70 -0.55 0.00 N | 52.10 -0.58 0.00 N | 68.56 0.80 0.00 N | 81.85 2.92 0.00 N | 82.51 3.52 0.00 N | 82.22 3.21 0.00 N | 80.24 3.06 0.00 N | 71.07 2.85 0.00 N | 68.63 2.41 0.00 N | 46.50 1.78 0.00 N | 47.76 1.06 0.00 N | 51.42 0.81 0.00 N | 37.86 1.13 0.00 N | 73.76 0.64 0.00 N | 59.39 -0.49 0.00 N | 37.86 -0.73 0.00 N |
| RUSSELL___STATION 23914 | 47.05 -0.62 0.00 N | 45.56 -1.35 0.00 N | 45.95 -1.65 0.00 N | 43.66 -1.33 0.00 N | 36.05 -1.10 0.00 N | 41.75 -1.56 0.00 N | 42.74 -0.97 0.00 N | 45.61 -0.79 0.00 N | 52.19 -0.06 0.00 N | 52.52 -0.16 0.00 N | 68.90 1.13 0.00 N | 82.24 3.32 0.00 N | 82.81 3.82 0.00 N | 82.40 3.40 0.00 N | 80.30 3.12 0.00 N | 71.09 2.88 0.00 N | 68.65 2.43 0.00 N | 46.52 1.81 0.00 N | 47.90 1.20 0.00 N | 51.68 1.07 0.00 N | 37.97 1.24 0.00 N | 74.16 1.05 0.00 N | 59.98 0.10 0.00 N | 38.21 -0.39 0.00 N |
| S SALMON___HYD 24043 | 47.24 -0.43 0.00 N | 46.25 -0.66 0.00 N | 46.81 -0.79 0.00 N | 44.28 -0.71 0.00 N | 36.54 -0.61 0.00 N | 42.59 -0.72 0.00 N | 43.05 -0.65 0.00 N | 45.72 -0.68 0.00 N | 51.69 -0.56 0.00 N | 52.16 -0.53 0.00 N | 67.28 -0.49 0.00 N | 78.89 -0.03 0.00 N | 79.07 0.08 0.00 N | 79.01 0.01 0.00 N | 77.13 -0.06 0.00 N | 68.60 0.38 0.00 N | 66.38 0.15 0.00 N | 44.79 0.08 0.00 N | 46.60 -0.10 0.00 N | 50.41 -0.19 0.00 N | 36.56 -0.16 0.00 N | 72.54 -0.58 0.00 N | 59.24 -0.65 0.00 N | 38.18 -0.42 0.00 N |
| SELKIRK___II 23799 | 48.81 1.13 0.00 N | 48.04 1.12 0.00 N | 48.81 1.21 0.00 N | 46.07 1.08 0.00 N | 37.97 0.82 0.00 N | 44.32 1.01 0.00 N | 44.51 0.80 0.00 N | 47.31 0.91 0.00 N | 53.29 1.04 0.00 N | 54.20 1.52 0.00 N | 69.85 2.08 0.00 N | 81.09 2.17 0.00 N | 81.06 2.07 0.00 N | 81.25 2.25 0.00 N | 79.46 2.28 0.00 N | 70.27 2.06 0.00 N | 68.41 2.19 0.00 N | 46.06 1.35 0.00 N | 48.36 1.67 0.00 N | 52.39 1.78 0.00 N | 37.84 1.11 0.00 N | 75.42 2.31 0.00 N | 61.71 1.82 0.00 N | 39.50 0.90 0.00 N |
| SELKIRK___I 23801 | 49.11 1.44 0.00 N | 48.34 1.43 0.00 N | 49.11 1.52 0.00 N | 46.34 1.35 0.00 N | 38.22 1.07 0.00 N | 44.58 1.27 0.00 N | 44.69 0.99 0.00 N | 47.51 1.11 0.00 N | 53.52 1.27 0.00 N | 54.48 1.80 0.00 N | 70.23 2.47 0.00 N | 81.57 2.64 0.00 N | 81.60 2.61 0.00 N | 81.80 2.81 0.00 N | 80.01 2.82 0.00 N | 70.76 2.55 0.00 N | 68.88 2.65 0.00 N | 46.34 1.62 0.00 N | 48.60 1.90 0.00 N | 52.66 2.05 0.00 N | 38.03 1.31 0.00 N | 75.85 2.74 0.00 N | 62.09 2.20 0.00 N | 39.72 1.12 0.00 N |
| SENECA OSWGO___HYD 24041 | 47.19 -0.48 0.00 N | 46.22 -0.69 0.00 N | 46.77 -0.82 0.00 N | 44.25 -0.74 0.00 N | 36.53 -0.62 0.00 N | 42.54 -0.77 0.00 N | 42.98 -0.73 0.00 N | 45.67 -0.72 0.00 N | 51.61 -0.64 0.00 N | 52.05 -0.63 0.00 N | 67.19 -0.58 0.00 N | 78.74 -0.18 0.00 N | 78.99 0.00 0.00 N | 78.94 -0.06 0.00 N | 77.06 -0.12 0.00 N | 68.05 -0.17 0.00 N | 65.87 -0.36 0.00 N | 44.53 -0.18 0.00 N | 46.36 -0.34 0.00 N | 50.22 -0.39 0.00 N | 36.53 -0.20 0.00 N | 72.34 -0.77 0.00 N | 59.15 -0.74 0.00 N | 38.19 -0.41 0.00 N |
| SENECA___ENERGY 23797 | 46.62 -1.05 0.00 N | 45.49 -1.42 0.00 N | 45.97 -1.63 0.00 N | 43.62 -1.37 0.00 N | 36.16 -0.99 0.00 N | 41.94 -1.38 0.00 N | 42.45 -1.26 0.00 N | 45.20 -1.20 0.00 N | 51.41 -0.85 0.00 N | 51.94 -0.74 0.00 N | 67.47 -0.29 0.00 N | 79.68 0.76 0.00 N | 80.12 1.13 0.00 N | 79.93 0.93 0.00 N | 77.91 0.73 0.00 N | 68.92 0.71 0.00 N | 66.52 0.29 0.00 N | 44.96 0.25 0.00 N | 46.58 -0.12 0.00 N | 50.53 -0.08 0.00 N | 36.90 0.17 0.00 N | 72.64 -0.47 0.00 N | 59.12 -0.77 0.00 N | 37.96 -0.63 0.00 N |
| SHOEMAKER___GT 23640 | 50.32 2.65 0.00 N | 49.37 2.46 0.00 N | 50.16 2.56 0.00 N | 47.28 2.29 0.00 N | 39.03 1.87 0.00 N | 45.51 2.20 0.00 N | 45.86 2.16 0.00 N | 48.82 2.42 0.00 N | 55.21 2.96 0.00 N | 56.34 3.66 0.00 N | 72.61 4.85 0.00 N | 84.36 5.44 0.00 N | 84.71 5.72 0.00 N | 85.17 6.17 0.00 N | 83.33 6.14 0.00 N | 84.24 5.47 -10.56 N | 82.33 5.41 -10.69 N | 81.31 3.27 -33.33 N | 66.45 3.52 -16.23 N | 72.91 3.87 -18.43 N | 40.55 2.65 -1.17 N | 78.70 5.59 0.00 N | 64.95 4.60 -0.46 N | 41.00 2.40 0.00 N |
| SHOREHAM_IC_1 23715 | 81.13 4.26 -29.20 N | 84.49 3.88 -33.71 N | 82.68 4.10 -30.98 N | 81.60 3.80 -32.81 N | 77.87 3.15 -37.57 N | 60.39 3.83 -13.24 N | 65.05 3.82 -17.53 N | 83.40 4.13 -32.87 N | 88.73 4.72 -31.76 N | 88.14 5.50 -29.96 N | 90.08 7.02 -15.29 N | 116.47 7.79 -29.75 N | 138.15 6.74 -52.42 N | 133.88 7.42 -47.47 N | 129.69 7.11 -45.40 N | 113.52 5.70 -39.60 N | 110.89 5.41 -39.25 N | 149.13 2.56 -101.86 N | 102.30 2.90 -52.70 N | 142.66 3.61 -88.44 N | 121.48 2.40 -82.36 N | 115.28 6.64 -35.52 N | 137.95 6.27 -71.80 N | 90.59 3.43 -48.57 N |
| SHOREHAM_IC_2 23716 | 81.13 4.26 -29.20 N | 84.49 3.88 -33.71 N | 82.68 4.10 -30.98 N | 81.60 3.80 -32.81 N | 77.87 3.15 -37.57 N | 60.39 3.83 -13.24 N | 65.05 3.82 -17.53 N | 83.40 4.13 -32.87 N | 88.73 4.72 -31.76 N | 88.14 5.50 -29.96 N | 90.08 7.02 -15.29 N | 116.47 7.79 -29.75 N | 138.15 6.74 -52.42 N | 133.88 7.42 -47.47 N | 129.69 7.11 -45.40 N | 113.52 5.70 -39.60 N | 110.89 5.41 -39.25 N | 149.13 2.56 -101.86 N | 102.30 2.90 -52.70 N | 142.66 3.61 -88.44 N | 121.48 2.40 -82.36 N | 115.28 6.64 -35.52 N | 137.95 6.27 -71.80 N | 90.59 3.43 -48.57 N |
| SISSONVILLE___ 23735 | 46.65 -1.02 0.00 N | 45.72 -1.20 0.00 N | 46.42 -1.18 0.00 N | 44.09 -0.90 0.00 N | 36.34 -0.81 0.00 N | 42.53 -0.79 0.00 N | 43.10 -0.61 0.00 N | 45.65 -0.75 0.00 N | 50.68 -1.57 0.00 N | 50.49 -2.19 0.00 N | 64.24 -3.53 0.00 N | 74.30 -4.62 0.00 N | 73.25 -5.74 0.00 N | 72.96 -6.04 0.00 N | 71.82 -5.37 0.00 N | 64.28 -3.93 0.00 N | 62.82 -3.41 0.00 N | 42.63 -2.08 0.00 N | 44.57 -2.13 0.00 N | 48.80 -1.81 0.00 N | 35.41 -1.31 0.00 N | 70.99 -2.12 0.00 N | 58.75 -1.14 0.00 N | 37.96 -0.63 0.00 N |
| SITHE_IND_GS1 24169 | 46.49 -1.19 0.00 N | 45.62 -1.29 0.00 N | 46.23 -1.37 0.00 N | 43.73 -1.26 0.00 N | 36.12 -1.04 0.00 N | 42.04 -1.27 0.00 N | 42.48 -1.23 0.00 N | 45.11 -1.29 0.00 N | 50.85 -1.40 0.00 N | 51.15 -1.53 0.00 N | 65.84 -1.93 0.00 N | 77.02 -1.90 0.00 N | 77.19 -1.80 0.00 N | 77.12 -1.88 0.00 N | 75.30 -1.88 0.00 N | 66.64 -1.58 0.00 N | 64.57 -1.66 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.32 -1.29 0.00 N | 35.88 -0.85 0.00 N | 71.03 -2.09 0.00 N | 58.12 -1.77 0.00 N | 37.64 -0.96 0.00 N |
| SITHE_IND_GS2 24170 | 46.49 -1.19 0.00 N | 45.62 -1.29 0.00 N | 46.23 -1.37 0.00 N | 43.73 -1.26 0.00 N | 36.12 -1.04 0.00 N | 42.04 -1.27 0.00 N | 42.48 -1.23 0.00 N | 45.11 -1.29 0.00 N | 50.85 -1.40 0.00 N | 51.15 -1.53 0.00 N | 65.84 -1.93 0.00 N | 77.02 -1.90 0.00 N | 77.19 -1.80 0.00 N | 77.12 -1.88 0.00 N | 75.30 -1.88 0.00 N | 66.64 -1.58 0.00 N | 64.57 -1.66 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.32 -1.29 0.00 N | 35.88 -0.85 0.00 N | 71.03 -2.09 0.00 N | 58.12 -1.77 0.00 N | 37.64 -0.96 0.00 N |
| SITHE_IND_GS3 24171 | 46.49 -1.19 0.00 N | 45.62 -1.29 0.00 N | 46.23 -1.37 0.00 N | 43.73 -1.26 0.00 N | 36.12 -1.04 0.00 N | 42.04 -1.27 0.00 N | 42.48 -1.23 0.00 N | 45.11 -1.29 0.00 N | 50.85 -1.40 0.00 N | 51.15 -1.53 0.00 N | 65.84 -1.93 0.00 N | 77.02 -1.90 0.00 N | 77.19 -1.80 0.00 N | 77.12 -1.88 0.00 N | 75.30 -1.88 0.00 N | 66.64 -1.58 0.00 N | 64.57 -1.66 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.32 -1.29 0.00 N | 35.88 -0.85 0.00 N | 71.03 -2.09 0.00 N | 58.12 -1.77 0.00 N | 37.64 -0.96 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 |
| SITHE_IND_GS4 24172 | 46.49 -1.19 0.00 N | 45.62 -1.29 0.00 N | 46.23 -1.37 0.00 N | 43.73 -1.26 0.00 N | 36.12 -1.04 0.00 N | 42.04 -1.27 0.00 N | 42.48 -1.23 0.00 N | 45.11 -1.29 0.00 N | 50.85 -1.40 0.00 N | 51.15 -1.53 0.00 N | 65.84 -1.93 0.00 N | 77.02 -1.90 0.00 N | 77.19 -1.80 0.00 N | 77.12 -1.88 0.00 N | 75.30 -1.88 0.00 N | 66.64 -1.58 0.00 N | 64.57 -1.66 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.32 -1.29 0.00 N | 35.88 -0.85 0.00 N | 71.03 -2.09 0.00 N | 58.12 -1.77 0.00 N | 37.64 -0.96 0.00 N | |
| SITHE__BATAVIA 24024 | 46.35 -1.33 0.00 N | 44.97 -1.94 0.00 N | 45.21 -2.39 0.00 N | 43.07 -1.92 0.00 N | 35.55 -1.61 0.00 N | 41.04 -2.28 0.00 N | 41.90 -1.81 0.00 N | 44.70 -1.70 0.00 N | 51.47 -0.78 0.00 N | 51.35 -1.34 0.00 N | 67.78 0.01 0.00 N | 80.59 1.67 0.00 N | 81.11 2.12 0.00 N | 80.30 1.30 0.00 N | 78.05 0.87 0.00 N | 69.22 1.00 0.00 N | 66.71 0.48 0.00 N | 45.23 0.52 0.00 N | 46.36 -0.34 0.00 N | 49.96 -0.65 0.00 N | 37.03 0.30 0.00 N | 72.83 -0.28 0.00 N | 59.02 -0.87 0.00 N | 37.44 -1.15 0.00 N | |
| SITHE__INDEPEND 23800 | 46.49 -1.19 0.00 N | 45.62 -1.29 0.00 N | 46.23 -1.37 0.00 N | 43.73 -1.26 0.00 N | 36.12 -1.04 0.00 N | 42.04 -1.27 0.00 N | 42.48 -1.23 0.00 N | 45.11 -1.29 0.00 N | 50.85 -1.40 0.00 N | 51.15 -1.53 0.00 N | 65.84 -1.93 0.00 N | 77.02 -1.90 0.00 N | 77.19 -1.80 0.00 N | 77.12 -1.88 0.00 N | 75.30 -1.88 0.00 N | 66.64 -1.58 0.00 N | 64.57 -1.66 0.00 N | 43.74 -0.97 0.00 N | 45.54 -1.16 0.00 N | 49.32 -1.29 0.00 N | 35.88 -0.85 0.00 N | 71.03 -2.09 0.00 N | 58.12 -1.77 0.00 N | 37.64 -0.96 0.00 N | |
| SITHE__MASSENA 23902 | 46.96 -0.71 0.00 N | 46.26 -0.65 0.00 N | 46.92 -0.68 0.00 N | 44.41 -0.58 0.00 N | 36.69 -0.46 0.00 N | 42.83 -0.49 0.00 N | 43.40 -0.30 0.00 N | 46.04 -0.36 0.00 N | 51.64 -0.61 0.00 N | 51.56 -1.12 0.00 N | 65.91 -1.85 0.00 N | 76.39 -2.54 0.00 N | 75.77 -3.22 0.00 N | 75.57 -3.43 0.00 N | 74.01 -3.17 0.00 N | 65.98 -2.24 0.00 N | 64.10 -2.13 0.00 N | 43.39 -1.32 0.00 N | 45.34 -1.36 0.00 N | 49.39 -1.22 0.00 N | 35.92 -0.80 0.00 N | 71.85 -1.27 0.00 N | 58.99 -0.90 0.00 N | 38.12 -0.48 0.00 N | |
| SITHE__OGDNSBRG 24021 | 47.54 -0.13 0.00 N | 46.74 -0.17 0.00 N | 47.38 -0.22 0.00 N | 44.86 -0.13 0.00 N | 37.07 -0.08 0.00 N | 43.30 -0.01 0.00 N | 43.94 0.23 0.00 N | 46.50 0.10 0.00 N | 52.03 -0.22 0.00 N | 51.93 -0.76 0.00 N | 66.31 -1.45 0.00 N | 76.87 -2.05 0.00 N | 76.13 -2.86 0.00 N | 75.91 -3.09 0.00 N | 74.71 -2.48 0.00 N | 67.01 -1.20 0.00 N | 65.16 -1.07 0.00 N | 44.13 -0.58 0.00 N | 46.08 -0.62 0.00 N | 50.26 -0.35 0.00 N | 36.53 -0.20 0.00 N | 73.09 -0.03 0.00 N | 60.06 0.17 0.00 N | 38.76 0.17 0.00 N | |
| SITHE__STERLING 23777 | 48.29 0.62 0.00 N | 47.35 0.44 0.00 N | 47.94 0.35 0.00 N | 45.35 0.36 0.00 N | 37.47 0.31 0.00 N | 43.65 0.34 0.00 N | 44.14 0.43 0.00 N | 47.04 0.64 0.00 N | 53.32 1.07 0.00 N | 53.91 1.23 0.00 N | 69.24 1.48 0.00 N | 81.15 2.23 0.00 N | 81.38 2.39 0.00 N | 81.34 2.34 0.00 N | 79.38 2.19 0.00 N | 70.27 2.05 0.00 N | 67.98 1.76 0.00 N | 45.82 1.11 0.00 N | 47.67 0.97 0.00 N | 51.64 1.03 0.00 N | 37.51 0.78 0.00 N | 74.91 1.80 0.00 N | 61.18 1.29 0.00 N | 39.28 0.69 0.00 N | |
| SOUTH CAIRO__GT 23612 | 51.03 3.35 0.00 N | 50.11 3.20 0.00 N | 50.88 3.28 0.00 N | 47.97 2.98 0.00 N | 39.55 2.40 0.00 N | 46.14 2.82 0.00 N | 46.41 2.70 0.00 N | 49.47 3.07 0.00 N | 55.87 3.62 0.00 N | 57.11 4.43 0.00 N | 73.90 6.13 0.00 N | 86.05 7.13 0.00 N | 86.27 7.28 0.00 N | 86.65 7.64 0.00 N | 84.76 7.58 0.00 N | 80.14 6.76 -5.17 N | 80.49 6.70 -7.56 N | 73.89 4.25 -24.92 N | 63.44 4.60 -12.13 N | 69.32 4.94 -13.78 N | 40.96 3.36 -0.88 N | 79.89 6.77 0.00 N | 65.49 5.37 -0.22 N | 41.52 2.92 0.00 N | |
| SOUTH HAMPTN__IC 23720 | 81.50 4.63 -29.20 N | 85.06 4.44 -33.71 N | 83.25 4.67 -30.98 N | 82.13 4.33 -32.81 N | 78.31 3.59 -37.57 N | 60.88 4.33 -13.24 N | 65.57 4.33 -17.53 N | 83.97 4.70 -32.87 N | 89.13 5.12 -31.76 N | 88.59 5.95 -29.96 N | 90.60 7.55 -15.29 N | 117.17 8.49 -29.75 N | 140.00 8.59 -52.42 N | 135.70 9.23 -47.47 N | 131.48 8.90 -45.40 N | 115.28 7.46 -39.60 N | 112.58 7.10 -39.25 N | 150.31 3.63 -101.97 N | 103.24 3.83 -52.71 N | 143.07 3.97 -88.49 N | 121.78 2.68 -82.37 N | 115.91 7.25 -35.54 N | 138.47 6.79 -71.80 N | 90.92 3.76 -48.57 N | |
| SOUTHOLD__IC 23719 | 81.57 4.70 -29.20 N | 86.01 5.39 -33.71 N | 84.19 5.61 -30.98 N | 83.01 5.21 -32.81 N | 79.02 4.30 -37.57 N | 61.70 5.15 -13.24 N | 66.41 5.17 -17.53 N | 84.83 5.56 -32.87 N | 89.01 5.01 -31.76 N | 88.55 5.91 -29.96 N | 90.34 7.29 -15.29 N | 116.81 8.13 -29.75 N | 139.78 8.37 -52.42 N | 135.45 8.98 -47.47 N | 131.35 8.77 -45.40 N | 115.36 7.54 -39.60 N | 112.59 7.10 -39.25 N | 150.19 3.51 -101.97 N | 102.81 3.41 -52.71 N | 142.56 3.46 -88.49 N | 121.45 2.35 -82.37 N | 115.46 6.80 -35.54 N | 138.33 6.64 -71.80 N | 90.90 3.74 -48.57 N | |
| ST LAWRENCE____ 23600 | 46.68 -0.99 0.00 N | 46.03 -0.88 0.00 N | 46.69 -0.91 0.00 N | 44.18 -0.81 0.00 N | 36.49 -0.66 0.00 N | 42.60 -0.72 0.00 N | 43.15 -0.56 0.00 N | 45.77 -0.63 0.00 N | 51.41 -0.84 0.00 N | 51.35 -1.33 0.00 N | 65.66 -2.10 0.00 N | 76.15 -2.77 0.00 N | 75.84 -3.15 0.00 N | 75.68 -3.32 0.00 N | 74.04 -3.15 0.00 N | 65.88 -2.34 0.00 N | 63.94 -2.29 0.00 N | 43.29 -1.42 0.00 N | 45.21 -1.49 0.00 N | 49.04 -1.56 0.00 N | 35.70 -1.02 0.00 N | 71.37 -1.74 0.00 N | 58.54 -1.34 0.00 N | 37.84 -0.75 0.00 N | |
| STATION 5_MISC_HYD 23604 | 47.42 -0.26 0.00 N | 45.55 -1.37 0.00 N | 45.84 -1.75 0.00 N | 43.47 -1.52 0.00 N | 35.92 -1.24 0.00 N | 41.57 -1.75 0.00 N | 42.51 -1.20 0.00 N | 45.51 -0.89 0.00 N | 52.36 0.11 0.00 N | 53.00 0.32 0.00 N | 69.98 2.22 0.00 N | 84.07 5.15 0.00 N | 84.81 5.82 0.00 N | 84.53 5.53 0.00 N | 82.45 5.26 0.00 N | 72.97 4.76 0.00 N | 70.43 4.21 0.00 N | 47.58 2.86 0.00 N | 48.79 2.09 0.00 N | 52.51 1.90 0.00 N | 38.45 1.72 0.00 N | 75.15 2.04 0.00 N | 60.28 0.39 0.00 N | 38.20 -0.40 0.00 N | |
| STURGEON_POOL_HYD 23609 | 51.08 3.40 0.00 N | 50.11 3.20 0.00 N | 50.92 3.32 0.00 N | 47.97 2.97 0.00 N | 39.60 2.44 0.00 N | 46.14 2.83 0.00 N | 46.51 2.80 0.00 N | 49.58 3.18 0.00 N | 56.05 3.80 0.00 N | 57.34 4.66 0.00 N | 74.12 6.36 0.00 N | 86.23 7.31 0.00 N | 86.51 7.52 0.00 N | 86.96 7.96 0.00 N | 85.04 7.86 0.00 N | 82.73 7.02 -7.49 N | 82.70 6.93 -9.55 N | 79.86 4.21 -30.94 N | 66.23 4.46 -15.07 N | 72.60 4.88 -17.11 N | 41.25 3.44 -1.09 N | 80.22 7.11 0.00 N | 66.03 5.82 -0.33 N | 41.62 3.03 0.00 N | |
| SYRACUSE__POWER 24017 | 47.30 -0.37 0.00 N | 46.41 -0.50 0.00 N | 47.00 -0.60 0.00 N | 44.46 -0.53 0.00 N | 36.72 -0.44 0.00 N | 42.74 -0.57 0.00 N | 43.19 -0.52 0.00 N | 45.91 -0.49 0.00 N | 51.92 -0.33 0.00 N | 52.43 -0.25 0.00 N | 67.67 -0.09 0.00 N | 79.36 0.44 0.00 N | 79.63 0.64 0.00 N | 79.57 0.57 0.00 N | 77.68 0.49 0.00 N | 68.65 0.43 0.00 N | 66.37 0.15 0.00 N | 44.82 0.11 0.00 N | 46.62 -0.08 0.00 N | 50.53 -0.07 0.00 N | 36.76 0.04 0.00 N | 72.85 -0.27 0.00 N | 59.52 -0.37 0.00 N | 38.40 -0.20 0.00 N | |
| Stony__Brook | 81.22 | 84.56 | 82.80 | 81.74 | 78.00 | 60.56 | 65.22 | 83.50 | 88.77 | 88.10 | 89.53 | 115.87 | 138.67 | 134.37 | 130.14 | 114.09 | 111.45 | 149.11 | 102.67 | 142.15 | 121.18 | 114.78 | 137.60 | 90.60 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| 24151 | 4.36 -29.20 N | 3.94 -33.71 N | 4.22 -30.98 N | 3.93 -32.81 N | 3.27 -37.57 N | 4.01 -13.24 N | 3.98 -17.53 N | 4.22 -32.87 N | 4.76 -31.76 N | 5.46 -29.96 N | 6.48 -15.29 N | 7.20 -29.75 N | 7.26 -52.42 N | 7.91 -47.47 N | 7.55 -45.40 N | 6.28 -39.60 N | 5.97 -39.25 N | 2.97 -101.42 N | 3.28 -52.69 N | 3.29 -88.25 N | 2.15 -82.30 N | 6.23 -35.44 N | 5.91 -71.80 N | 3.43 -48.57 N |
| UNION___PROCESSING_DRP 323587 | 46.64 -1.03 0.00 N | 45.28 -1.63 0.00 N | 45.62 -1.98 0.00 N | 43.34 -1.65 0.00 N | 35.78 -1.38 0.00 N | 41.45 -1.87 0.00 N | 42.30 -1.41 0.00 N | 45.10 -1.29 0.00 N | 51.60 -0.65 0.00 N | 51.85 -0.83 0.00 N | 67.87 0.11 0.00 N | 80.93 2.00 0.00 N | 81.41 2.42 0.00 N | 80.94 1.94 0.00 N | 78.83 1.65 0.00 N | 69.79 1.58 0.00 N | 67.38 1.16 0.00 N | 45.64 0.93 0.00 N | 47.01 0.31 0.00 N | 50.75 0.15 0.00 N | 37.29 0.56 0.00 N | 73.02 -0.09 0.00 N | 59.28 -0.61 0.00 N | 37.81 -0.79 0.00 N |
| UPPER HUDSON___HYD 24058 | 48.69 1.01 0.00 N | 48.09 1.18 0.00 N | 48.64 1.04 0.00 N | 45.86 0.88 0.00 N | 37.71 0.56 0.00 N | 44.21 0.90 0.00 N | 44.47 0.76 0.00 N | 47.63 1.23 0.00 N | 53.93 1.68 0.00 N | 55.38 2.70 0.00 N | 71.62 3.86 0.00 N | 82.73 3.81 0.00 N | 82.52 3.53 0.00 N | 82.80 3.80 0.00 N | 80.98 3.80 0.00 N | 72.57 3.34 -1.02 N | 70.48 3.38 -0.86 N | 49.46 2.15 -2.60 N | 50.63 2.66 -1.26 N | 54.85 2.80 -1.43 N | 38.46 1.64 -0.09 N | 76.64 3.53 0.00 N | 63.01 3.08 -0.04 N | 39.91 1.32 0.00 N |
| UPPER RAQUET___HYD 24056 | 46.65 -1.02 0.00 N | 45.72 -1.20 0.00 N | 46.42 -1.18 0.00 N | 44.09 -0.90 0.00 N | 36.34 -0.81 0.00 N | 42.53 -0.79 0.00 N | 43.10 -0.61 0.00 N | 45.65 -0.75 0.00 N | 50.68 -1.57 0.00 N | 50.49 -2.19 0.00 N | 64.24 -3.53 0.00 N | 74.30 -4.62 0.00 N | 73.25 -5.74 0.00 N | 72.96 -6.04 0.00 N | 71.82 -5.37 0.00 N | 64.28 -3.93 0.00 N | 62.82 -3.41 0.00 N | 42.63 -2.08 0.00 N | 44.57 -2.13 0.00 N | 48.80 -1.81 0.00 N | 35.41 -1.31 0.00 N | 70.99 -2.12 0.00 N | 58.75 -1.14 0.00 N | 37.96 -0.63 0.00 N |
| VISCHER___FERRY HYD 24020 | 49.43 1.75 0.00 N | 48.80 1.89 0.00 N | 49.54 1.95 0.00 N | 46.78 1.79 0.00 N | 38.51 1.35 0.00 N | 45.01 1.70 0.00 N | 45.19 1.48 0.00 N | 48.14 1.74 0.00 N | 54.24 1.99 0.00 N | 55.30 2.62 0.00 N | 71.34 3.58 0.00 N | 82.64 3.72 0.00 N | 82.53 3.54 0.00 N | 82.75 3.75 0.00 N | 80.98 3.80 0.00 N | 72.21 3.34 -0.65 N | 70.16 3.38 -0.55 N | 48.54 2.16 -1.66 N | 50.18 2.68 -0.81 N | 54.35 2.83 -0.92 N | 38.54 1.75 -0.06 N | 76.76 3.64 0.00 N | 62.82 2.90 -0.03 N | 40.10 1.50 0.00 N |
| WADING RIVER_IC_1 23522 | 80.95 4.08 -29.20 N | 84.36 3.74 -33.71 N | 82.54 3.97 -30.98 N | 81.47 3.66 -32.81 N | 77.76 3.04 -37.57 N | 60.26 3.70 -13.24 N | 64.93 3.69 -17.53 N | 83.25 3.98 -32.87 N | 88.53 4.52 -31.76 N | 87.91 5.27 -29.96 N | 89.74 6.69 -15.29 N | 116.11 7.44 -29.75 N | 138.77 7.36 -52.42 N | 134.46 7.99 -47.47 N | 130.26 7.67 -45.40 N | 114.06 6.24 -39.60 N | 111.42 5.94 -39.26 N | 149.67 2.94 -102.02 N | 102.60 3.19 -52.71 N | 142.47 3.35 -88.51 N | 121.31 2.20 -82.38 N | 114.92 6.26 -35.55 N | 137.65 5.97 -71.80 N | 90.43 3.27 -48.57 N |
| WADING RIVER_IC_2 23547 | 80.95 4.08 -29.20 N | 84.36 3.74 -33.71 N | 82.54 3.97 -30.98 N | 81.47 3.66 -32.81 N | 77.76 3.04 -37.57 N | 60.26 3.70 -13.24 N | 64.93 3.69 -17.53 N | 83.25 3.98 -32.87 N | 88.53 4.52 -31.76 N | 87.91 5.27 -29.96 N | 89.74 6.69 -15.29 N | 116.11 7.44 -29.75 N | 138.77 7.36 -52.42 N | 134.46 7.99 -47.47 N | 130.26 7.67 -45.40 N | 114.06 6.24 -39.60 N | 111.42 5.94 -39.26 N | 149.67 2.94 -102.02 N | 102.60 3.19 -52.71 N | 142.47 3.35 -88.51 N | 121.31 2.20 -82.38 N | 114.92 6.26 -35.55 N | 137.65 5.97 -71.80 N | 90.43 3.27 -48.57 N |
| WADING RIVER_IC_3 23601 | 80.95 4.08 -29.20 N | 84.36 3.74 -33.71 N | 82.54 3.97 -30.98 N | 81.47 3.66 -32.81 N | 77.76 3.04 -37.57 N | 60.26 3.70 -13.24 N | 64.93 3.69 -17.53 N | 83.25 3.98 -32.87 N | 88.53 4.52 -31.76 N | 87.91 5.27 -29.96 N | 89.74 6.69 -15.29 N | 116.11 7.44 -29.75 N | 138.77 7.36 -52.42 N | 134.46 7.99 -47.47 N | 130.26 7.67 -45.40 N | 114.06 6.24 -39.60 N | 111.42 5.94 -39.26 N | 149.67 2.94 -102.02 N | 102.60 3.19 -52.71 N | 142.47 3.35 -88.51 N | 121.31 2.20 -82.38 N | 114.92 6.26 -35.55 N | 137.65 5.97 -71.80 N | 90.43 3.27 -48.57 N |
| WALDEN___HYDRO 24148 | 50.94 3.26 0.00 N | 49.93 3.02 0.00 N | 50.71 3.11 0.00 N | 47.77 2.78 0.00 N | 39.41 2.26 0.00 N | 45.94 2.63 0.00 N | 46.29 2.59 0.00 N | 49.38 2.98 0.00 N | 55.91 3.65 0.00 N | 57.21 4.53 0.00 N | 73.89 6.12 0.00 N | 85.93 7.00 0.00 N | 86.36 7.37 0.00 N | 87.02 8.02 0.00 N | 85.18 8.00 0.00 N | 85.52 7.25 -10.05 N | 84.15 7.20 -10.72 N | 82.84 4.38 -33.75 N | 67.73 4.60 -16.43 N | 74.27 5.01 -18.66 N | 41.38 3.46 -1.19 N | 80.22 7.11 0.00 N | 66.07 5.74 -0.44 N | 41.64 3.04 0.00 N |
| WARRENSBURG____ 23737 | 48.75 1.08 0.00 N | 48.15 1.24 0.00 N | 48.70 1.10 0.00 N | 45.92 0.93 0.00 N | 37.75 0.60 0.00 N | 44.27 0.96 0.00 N | 44.52 0.81 0.00 N | 47.68 1.28 0.00 N | 53.99 1.74 0.00 N | 55.45 2.77 0.00 N | 71.75 3.98 0.00 N | 82.87 3.95 0.00 N | 82.67 3.68 0.00 N | 82.96 3.96 0.00 N | 81.13 3.95 0.00 N | 72.70 3.47 -1.02 N | 70.61 3.52 -0.86 N | 49.54 2.23 -2.60 N | 50.71 2.75 -1.26 N | 54.93 2.89 -1.43 N | 38.52 1.71 -0.09 N | 76.74 3.63 0.00 N | 63.11 3.18 -0.04 N | 39.97 1.38 0.00 N |
| WATERSIDE___6 8 9 23538 | 33.92 3.80 17.55 N | 24.39 3.51 26.03 N | 19.58 3.72 31.74 N | 15.04 3.33 33.28 N | 5.94 2.71 33.92 N | 11.81 3.16 34.66 N | 14.26 3.16 32.61 N | 32.44 3.58 17.54 N | 23.19 4.25 33.31 N | 25.98 5.05 31.75 N | 53.16 6.53 21.14 N | 72.81 7.13 13.24 N | 75.60 7.37 10.76 N | 68.51 7.83 18.31 N | 64.94 7.74 19.98 N | 75.31 6.87 -0.22 N | 71.56 6.66 1.33 N | 146.14 3.84 -97.60 N | 83.23 4.08 -32.45 N | 100.53 4.44 -45.48 N | 106.27 2.99 -66.55 N | 61.34 6.77 18.54 N | 67.99 5.90 -2.20 N | 84.70 3.18 -42.92 N |
| WEST BABYLON___IC 23714 | 81.85 4.98 -29.20 N | 85.14 4.52 -33.71 N | 83.28 4.71 -30.98 N | 82.15 4.35 -32.81 N | 78.31 3.58 -37.57 N | 60.85 4.29 -13.24 N | 65.52 4.28 -17.53 N | 83.97 4.69 -32.87 N | 89.53 5.53 -31.76 N | 88.86 6.22 -29.96 N | 91.13 8.08 -15.29 N | 117.82 9.15 -29.75 N | 140.85 9.44 -52.42 N | 136.46 9.99 -47.47 N | 132.24 9.65 -45.40 N | 116.19 8.37 -39.60 N | 113.57 8.08 -39.26 N | 151.58 4.57 -102.30 N | 104.27 4.85 -52.72 N | 144.31 5.07 -88.63 N | 122.59 3.45 -82.42 N | 117.06 8.34 -35.60 N | 138.93 7.25 -71.80 N | 91.25 4.08 -48.57 N |
| WEST CANADA___HYD 24049 | 47.91 0.24 0.00 N | 47.15 0.24 0.00 N | 47.83 0.24 0.00 N | 45.22 0.23 0.00 N | 37.34 0.18 0.00 N | 43.53 0.21 0.00 N | 43.89 0.18 0.00 N | 46.63 0.23 0.00 N | 52.55 0.30 0.00 N | 53.11 0.43 0.00 N | 68.38 0.62 0.00 N | 79.64 0.72 0.00 N | 79.71 0.72 0.00 N | 79.79 0.79 0.00 N | 77.90 0.71 0.00 N | 68.72 0.50 0.00 N | 66.75 0.53 0.00 N | 45.03 0.32 0.00 N | 47.07 0.37 0.00 N | 50.99 0.39 0.00 N | 36.99 0.26 0.00 N | 73.63 0.51 0.00 N | 60.31 0.42 0.00 N | 38.81 0.21 0.00 N |
| WESTERN_NY_WIND 24143 | 46.31 -1.37 0.00 N | 44.95 -1.96 0.00 N | 45.17 -2.43 0.00 N | 43.03 -1.96 0.00 N | 35.52 -1.63 0.00 N | 41.00 -2.31 0.00 N | 41.86 -1.85 0.00 N | 44.66 -1.74 0.00 N | 51.43 -0.82 0.00 N | 51.30 -1.38 0.00 N | 67.73 -0.03 0.00 N | 80.73 1.81 0.00 N | 81.25 2.26 0.00 N | 80.44 1.44 0.00 N | 78.17 0.98 0.00 N | 69.32 1.10 0.00 N | 66.80 0.57 0.00 N | 45.30 0.59 0.00 N | 46.41 -0.29 0.00 N | 50.01 -0.60 0.00 N | 37.07 0.35 0.00 N | 72.76 -0.35 0.00 N | 58.95 -0.94 0.00 N | 37.41 -1.19 0.00 N |

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