

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

12/29/2005

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|---------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 24.77 | 35.82 | 30.04 | 29.75 | 17.78 | 41.62 | 33.93 | 60.26 | 72.88 | 690.87 | 91.00 | 208.01 | 127.08 | 140.44 | 68.82 | 102.79 | 86.16 | 85.05 | 69.71 | 83.14 | 57.12 | 61.41 | 46.25 | 33.67 |
| 24138 | 1.44 | 1.85 | 1.51 | 1.47 | 0.88 | 2.58 | 2.33 | 4.66 | 5.92 | 5.70 | 3.27 | 5.08 | 6.78 | 7.99 | 5.49 | 4.54 | 6.25 | 7.24 | 5.93 | 7.02 | 4.71 | 4.82 | 3.43 | 2.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | -622.36 | -51.69 | -147.50 | -48.44 | -46.71 | -0.24 | -48.45 | -12.20 | 0.23 | 0.02 | 0.12 | 0.04 | 0.05 | 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 |
| 74TH STREET_GT_1 | 24.77 | 35.82 | 30.04 | 29.75 | 17.78 | 41.60 | 33.93 | 60.25 | 72.84 | 690.82 | 90.96 | 207.92 | 126.98 | 140.32 | 68.73 | 102.71 | 86.00 | 84.86 | 69.57 | 83.02 | 57.05 | 61.35 | 46.22 | 33.65 |
| 24260 | 1.44 | 1.85 | 1.51 | 1.47 | 0.88 | 2.57 | 2.32 | 4.65 | 5.88 | 5.65 | 3.23 | 4.99 | 6.68 | 7.87 | 5.40 | 4.46 | 6.10 | 7.04 | 5.79 | 6.90 | 4.64 | 4.76 | 3.41 | 2.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | -622.36 | -51.69 | -147.50 | -48.44 | -46.71 | -0.24 | -48.45 | -12.20 | 0.23 | 0.02 | 0.12 | 0.04 | 0.05 | 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 |
| 74TH STREET_GT_2 | 24.77 | 35.82 | 30.04 | 29.75 | 17.78 | 41.60 | 33.93 | 60.25 | 72.84 | 690.82 | 90.96 | 207.92 | 126.98 | 140.32 | 68.73 | 102.71 | 86.00 | 84.86 | 69.57 | 83.02 | 57.05 | 61.35 | 46.22 | 33.65 |
| 24261 | 1.44 | 1.85 | 1.51 | 1.47 | 0.88 | 2.57 | 2.32 | 4.65 | 5.88 | 5.65 | 3.23 | 4.99 | 6.68 | 7.87 | 5.40 | 4.46 | 6.10 | 7.04 | 5.79 | 6.90 | 4.64 | 4.76 | 3.41 | 2.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | -622.36 | -51.69 | -147.50 | -48.44 | -46.71 | -0.24 | -48.45 | -12.20 | 0.23 | 0.02 | 0.12 | 0.04 | 0.05 | 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 |
| ADK HUDSON__FALLS | 24.06 | 34.88 | 29.22 | 29.00 | 17.36 | 40.45 | 32.78 | 57.84 | 69.94 | 65.31 | 37.60 | 57.97 | 75.46 | 90.29 | 65.91 | 51.89 | 71.22 | 82.54 | 67.45 | 80.46 | 54.77 | 58.85 | 44.29 | 32.44 |
| 24011 | 0.73 | 0.91 | 0.70 | 0.72 | 0.46 | 1.42 | 1.18 | 2.23 | 2.91 | 2.49 | 1.57 | 2.54 | 3.60 | 4.56 | 2.82 | 2.08 | 3.53 | 4.49 | 3.64 | 4.22 | 2.32 | 2.20 | 1.48 | 0.98 |
| | 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 |
| ADK RESOURCE__RCVRY | 24.06 | 34.88 | 29.22 | 29.00 | 17.36 | 40.45 | 32.78 | 57.84 | 69.94 | 65.31 | 37.60 | 57.97 | 75.46 | 90.29 | 65.91 | 51.89 | 71.22 | 82.54 | 67.45 | 80.46 | 54.77 | 58.85 | 44.29 | 32.44 |
| 23798 | 0.73 | 0.91 | 0.70 | 0.72 | 0.46 | 1.42 | 1.18 | 2.23 | 2.91 | 2.49 | 1.57 | 2.54 | 3.60 | 4.56 | 2.82 | 2.08 | 3.53 | 4.49 | 3.64 | 4.22 | 2.32 | 2.20 | 1.48 | 0.98 |
| | 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 |
| ADK S GLENS__FALLS | 24.06 | 34.88 | 29.22 | 29.00 | 17.36 | 40.45 | 32.78 | 57.84 | 69.94 | 65.31 | 37.60 | 57.97 | 75.46 | 90.29 | 65.91 | 51.89 | 71.22 | 82.54 | 67.45 | 80.46 | 54.77 | 58.85 | 44.29 | 32.44 |
| 24028 | 0.73 | 0.91 | 0.70 | 0.72 | 0.46 | 1.42 | 1.18 | 2.23 | 2.91 | 2.49 | 1.57 | 2.54 | 3.60 | 4.56 | 2.82 | 2.08 | 3.53 | 4.49 | 3.64 | 4.22 | 2.32 | 2.20 | 1.48 | 0.98 |
| | 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 |
| ADK_NYS__DAM | 24.31 | 35.32 | 29.63 | 29.39 | 17.58 | 40.88 | 33.03 | 58.34 | 70.45 | 65.71 | 37.78 | 58.16 | 75.86 | 90.79 | 66.28 | 52.17 | 71.37 | 82.47 | 67.51 | 80.66 | 54.96 | 59.17 | 44.72 | 32.83 |
| 23527 | 0.98 | 1.35 | 1.10 | 1.11 | 0.69 | 1.85 | 1.42 | 2.74 | 3.42 | 2.89 | 1.74 | 2.72 | 3.99 | 5.06 | 3.19 | 2.37 | 3.67 | 4.42 | 3.71 | 4.42 | 2.52 | 2.53 | 1.91 | 1.36 |
| | 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 |
| AIR_PRODUCTS__DRP | 24.26 | 35.22 | 29.55 | 29.25 | 17.51 | 40.69 | 32.96 | 58.29 | 70.40 | 65.88 | 37.88 | 58.31 | 75.83 | 90.63 | 66.31 | 52.33 | 71.42 | 82.52 | 67.50 | 80.60 | 55.15 | 59.34 | 44.74 | 32.77 |
| 24190 | 0.93 | 1.25 | 1.02 | 0.97 | 0.62 | 1.65 | 1.35 | 2.69 | 3.37 | 3.06 | 1.84 | 2.87 | 3.97 | 4.90 | 3.22 | 2.53 | 3.73 | 4.47 | 3.69 | 4.36 | 2.70 | 2.70 | 1.92 | 1.30 |
| | 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 | 24.26 | 35.22 | 29.55 | 29.25 | 17.51 | 40.69 | 32.96 | 58.29 | 70.40 | 65.88 | 37.88 | 58.31 | 75.83 | 90.63 | 66.31 | 52.33 | 71.42 | 82.52 | 67.50 | 80.60 | 55.15 | 59.34 | 44.74 | 32.77 |
| 23571 | 0.93 | 1.25 | 1.02 | 0.97 | 0.62 | 1.65 | 1.35 | 2.69 | 3.37 | 3.06 | 1.84 | 2.87 | 3.97 | 4.90 | 3.22 | 2.53 | 3.73 | 4.47 | 3.69 | 4.36 | 2.70 | 2.70 | 1.92 | 1.30 |
| | 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 | 24.26 | 35.22 | 29.55 | 29.25 | 17.51 | 40.69 | 32.96 | 58.29 | 70.40 | 65.88 | 37.88 | 58.31 | 75.83 | 90.63 | 66.31 | 52.33 | 71.42 | 82.52 | 67.50 | 80.60 | 55.15 | 59.34 | 44.74 | 32.77 |
| 23572 | 0.93 | 1.25 | 1.02 | 0.97 | 0.62 | 1.65 | 1.35 | 2.69 | 3.37 | 3.06 | 1.84 | 2.87 | 3.97 | 4.90 | 3.22 | 2.53 | 3.73 | 4.47 | 3.69 | 4.36 | 2.70 | 2.70 | 1.92 | 1.30 |
| | 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 | 24.26 | 35.22 | 29.55 | 29.25 | 17.51 | 40.69 | 32.96 | 58.29 | 70.40 | 65.88 | 37.88 | 58.31 | 75.83 | 90.63 | 66.31 | 52.33 | 71.42 | 82.52 | 67.50 | 80.60 | 55.15 | 59.34 | 44.74 | 32.77 |

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|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| 23573 | 0.93 0.00 N | 1.25 0.00 N | 1.02 0.00 N | 0.97 0.00 N | 0.62 0.00 N | 1.65 0.00 N | 1.35 0.00 N | 2.69 0.00 N | 3.37 0.00 N | 3.06 0.00 N | 1.84 0.00 N | 2.87 0.00 N | 3.97 0.00 N | 4.90 0.00 N | 3.22 0.00 N | 2.53 0.00 N | 3.73 0.00 N | 4.47 0.00 N | 3.69 0.00 N | 4.36 0.00 N | 2.70 0.00 N | 2.70 0.00 N | 1.92 0.00 N | 1.30 0.00 N |
| ALBANY____4 23574 | 24.26 0.93 0.00 N | 35.22 1.25 0.00 N | 29.55 1.02 0.00 N | 29.25 0.97 0.00 N | 17.51 0.62 0.00 N | 40.69 1.65 0.00 N | 32.96 1.35 0.00 N | 58.29 2.69 0.00 N | 70.40 3.37 0.00 N | 65.88 3.06 0.00 N | 37.88 1.84 0.00 N | 58.31 2.87 0.00 N | 75.83 3.97 0.00 N | 90.63 4.90 0.00 N | 66.31 3.22 0.00 N | 52.33 2.53 0.00 N | 71.42 3.73 0.00 N | 82.52 4.47 0.00 N | 67.50 3.69 0.00 N | 80.60 4.36 0.00 N | 55.15 2.70 0.00 N | 59.34 2.70 0.00 N | 44.74 1.92 0.00 N | 32.77 1.30 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 23.51 0.18 0.00 N | 34.32 0.34 0.00 N | 28.80 0.28 0.00 N | 28.66 0.38 0.00 N | 17.09 0.20 0.00 N | 39.21 0.17 0.00 N | 31.72 0.12 0.00 N | 55.41 -0.19 0.00 N | 66.64 -0.39 0.00 N | 62.33 -0.49 0.00 N | 35.61 -0.43 0.00 N | 54.85 -0.58 0.00 N | 71.21 -0.65 0.00 N | 84.90 -0.83 0.00 N | 62.86 -0.23 0.00 N | 49.49 -0.31 0.00 N | 66.97 -0.73 0.00 N | 77.11 -0.93 0.00 N | 62.85 -0.96 0.00 N | 75.10 -1.15 0.00 N | 51.82 -0.63 0.00 N | 56.26 -0.38 0.00 N | 42.65 -0.17 0.00 N | 31.58 0.11 0.00 N |
| ALLEGHENY____COGEN 23514 | 22.06 -1.28 0.00 N | 32.10 -1.87 0.00 N | 27.16 -1.36 0.00 N | 26.69 -1.59 0.00 N | 15.93 -0.97 0.00 N | 37.47 -1.57 0.00 N | 30.22 -1.39 0.00 N | 52.66 -2.95 0.00 N | 63.59 -3.64 0.00 N | 60.44 -3.32 0.00 N | 34.53 -1.67 0.00 N | 53.04 -2.68 0.00 N | 69.60 -3.55 0.00 N | 83.35 -4.07 0.00 N | 60.29 -3.31 0.00 N | 47.44 -2.48 0.00 N | 65.45 -2.57 0.00 N | 76.30 -2.46 0.00 N | 61.83 -2.02 0.00 N | 73.71 -2.92 0.00 N | 50.59 -2.08 0.00 N | 53.93 -2.87 0.00 N | 41.04 -1.77 0.00 N | 30.21 -1.26 0.00 N |
| AMERICAN_REF_FUEL 24010 | 20.57 -2.77 0.00 N | 30.12 -3.85 0.00 N | 25.57 -2.96 0.00 N | 25.11 -3.17 0.00 N | 14.98 -1.92 0.00 N | 35.04 -3.99 0.00 N | 27.89 -3.71 0.00 N | 47.50 -8.11 0.00 N | 52.77 -10.14 0.00 N | 33.96 -9.53 0.00 N | 27.54 -5.02 0.00 N | 41.61 -8.00 0.00 N | 35.33 -10.48 0.00 N | 39.37 -12.53 0.00 N | 43.56 -9.19 0.00 N | 40.33 -7.30 0.00 N | 51.98 -9.10 0.00 N | 53.19 -10.29 0.00 N | 54.74 -8.08 0.00 N | 58.13 -10.25 0.00 N | 40.97 -6.88 0.00 N | 45.42 -7.99 0.00 N | 37.96 -4.86 0.00 N | 28.16 -3.30 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 24.60 1.27 0.00 N | 35.56 1.59 0.00 N | 29.78 1.26 0.00 N | 29.50 1.23 0.00 N | 17.64 0.74 0.00 N | 41.30 2.26 0.00 N | 33.67 2.07 0.00 N | 59.82 4.21 0.00 N | 72.33 5.37 0.06 N | 690.25 5.07 -622.36 N | 90.85 3.13 -51.69 N | 207.61 4.67 -147.50 N | 126.25 5.95 -48.44 N | 139.44 7.00 -46.71 N | 68.22 4.89 -0.24 N | 102.35 4.10 -48.45 N | 85.43 5.53 -12.20 N | 84.20 6.38 0.23 N | 69.16 5.37 0.02 N | 82.55 6.42 0.12 N | 56.76 4.35 0.04 N | 60.96 4.37 0.05 N | 45.94 3.13 0.00 N | 33.42 1.95 0.00 N |
| ARTHUR_KILL_2 23512 | 24.60 1.27 0.00 N | 35.56 1.59 0.00 N | 29.78 1.26 0.00 N | 29.50 1.23 0.00 N | 17.64 0.74 0.00 N | 41.30 2.26 0.00 N | 33.67 2.07 0.00 N | 59.82 4.21 0.00 N | 72.33 5.37 0.06 N | 690.25 5.07 -622.36 N | 90.85 3.13 -51.69 N | 207.61 4.68 -147.50 N | 126.29 5.99 -48.44 N | 139.45 7.01 -46.71 N | 68.22 4.89 -0.24 N | 102.35 4.09 -48.45 N | 85.43 5.53 -12.20 N | 84.20 6.38 0.23 N | 69.16 5.37 0.02 N | 82.55 6.42 0.12 N | 56.76 4.35 0.04 N | 60.96 4.37 0.05 N | 45.94 3.13 0.00 N | 33.42 1.95 0.00 N |
| ARTHUR_KILL_3 23513 | 24.65 1.32 0.00 N | 35.65 1.68 0.00 N | 29.90 1.37 0.00 N | 29.63 1.36 0.00 N | 17.71 0.81 0.00 N | 41.44 2.41 0.00 N | 33.80 2.19 0.00 N | 60.01 4.40 0.00 N | 72.58 5.62 0.06 N | 690.61 5.43 -622.36 N | 90.82 3.10 -51.69 N | 207.75 4.82 -147.50 N | 126.78 6.48 -48.44 N | 140.08 7.64 -46.71 N | 68.54 5.21 -0.24 N | 102.57 4.32 -48.45 N | 85.84 5.94 -12.20 N | 84.70 6.88 0.23 N | 69.43 5.65 0.02 N | 82.80 6.68 0.12 N | 56.93 4.52 0.04 N | 61.20 4.61 0.05 N | 46.08 3.27 0.00 N | 33.53 2.07 0.00 N |
| ASHOKAN____ 23654 | 24.97 1.64 0.00 N | 36.12 2.16 0.00 N | 30.31 1.78 0.00 N | 29.99 1.71 0.00 N | 17.96 1.06 0.00 N | 41.88 2.84 0.00 N | 34.04 2.43 0.00 N | 60.52 4.91 0.00 N | 73.19 6.22 0.06 N | 68.46 5.92 0.28 N | 39.46 3.47 0.05 N | 60.80 5.45 0.08 N | 78.70 7.21 0.38 N | 93.94 8.70 0.49 N | 68.99 6.05 0.15 N | 54.63 4.85 0.03 N | 74.42 6.82 0.10 N | 85.98 8.15 0.21 N | 70.45 6.66 0.01 N | 83.99 7.86 0.11 N | 57.51 5.13 0.07 N | 61.68 5.09 0.05 N | 46.41 3.60 0.00 N | 33.86 2.40 0.00 N |
| ASTORIA_GT2_1 24094 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT2_2 24095 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT2_3 24096 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT2_4 24097 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT3_1 24098 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |

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| ASTORIA_GT3_2 24099 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT3_3 24100 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT3_4 24101 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT4_1 24102 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT4_2 24103 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT4_3 24104 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT4_4 24105 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT_1 23523 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| ASTORIA_GT_10 24110 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| ASTORIA_GT_11 24225 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| ASTORIA_GT_12 24226 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| ASTORIA_GT_13 24227 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| ASTORIA_GT_5 24106 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |
| ASTORIA_GT_7 24107 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| ASTORIA_GT_8 24108 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N | |
| ASTORIA___2 24149 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N | |
| ASTORIA___3 23516 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N | |
| ASTORIA___4 23517 | 24.90 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.23 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.11 6.21 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.28 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N | |
| ASTORIA___5 23518 | 24.89 1.56 0.00 N | 35.97 2.01 0.00 N | 30.14 1.61 0.00 N | 29.83 1.55 0.00 N | 17.83 0.93 0.00 N | 41.77 2.74 0.00 N | 34.07 2.46 0.00 N | 72.35 4.93 -11.82 N | 77.48 6.25 -4.20 N | 707.41 5.91 -638.68 N | 91.14 3.42 -51.69 N | 208.22 5.29 -147.50 N | 127.28 6.98 -48.44 N | 140.65 8.21 -46.71 N | 91.92 5.70 -23.13 N | 103.93 4.68 -49.45 N | 86.10 6.20 -12.20 N | 84.98 7.17 0.23 N | 69.86 6.07 0.02 N | 83.47 7.35 0.12 N | 70.77 4.98 -13.34 N | 132.27 5.10 -70.54 N | 71.21 3.68 -24.71 N | 55.97 2.38 -22.13 N | |
| ATHENS_STG_1 23668 | 24.26 0.92 0.00 N | 35.21 1.24 0.00 N | 29.55 1.02 0.00 N | 29.24 0.96 0.00 N | 17.50 0.60 0.00 N | 40.67 1.63 0.00 N | 32.98 1.38 0.00 N | 58.33 2.73 0.00 N | 70.35 3.38 0.06 N | 65.68 3.14 0.28 N | 37.86 1.87 0.05 N | 58.26 2.91 0.08 N | 75.46 3.98 0.38 N | 90.05 4.81 0.49 N | 66.15 3.21 0.15 N | 52.35 2.57 0.03 N | 71.19 3.59 0.10 N | 82.05 4.22 0.21 N | 67.29 3.51 0.01 N | 80.32 4.19 0.11 N | 55.11 2.72 0.07 N | 59.35 2.76 0.05 N | 44.80 1.99 0.00 N | 32.77 1.30 0.00 N | |
| ATHENS_STG_2 23670 | 24.26 0.92 0.00 N | 35.21 1.24 0.00 N | 29.55 1.02 0.00 N | 29.24 0.96 0.00 N | 17.50 0.60 0.00 N | 40.67 1.63 0.00 N | 32.98 1.38 0.00 N | 58.33 2.73 0.00 N | 70.35 3.38 0.06 N | 65.68 3.14 0.28 N | 37.86 1.87 0.05 N | 58.26 2.91 0.08 N | 75.46 3.98 0.38 N | 90.05 4.81 0.49 N | 66.15 3.21 0.15 N | 52.35 2.57 0.03 N | 71.19 3.59 0.10 N | 82.05 4.22 0.21 N | 67.29 3.51 0.01 N | 80.32 4.19 0.11 N | 55.11 2.72 0.07 N | 59.35 2.76 0.05 N | 44.80 1.99 0.00 N | 32.77 1.30 0.00 N | |
| ATHENS_STG_3 23677 | 24.26 0.92 0.00 N | 35.21 1.24 0.00 N | 29.55 1.02 0.00 N | 29.24 0.96 0.00 N | 17.50 0.60 0.00 N | 40.67 1.63 0.00 N | 32.98 1.38 0.00 N | 58.33 2.73 0.00 N | 70.35 3.38 0.06 N | 65.68 3.14 0.28 N | 37.86 1.87 0.05 N | 58.26 2.91 0.08 N | 75.46 3.98 0.38 N | 90.05 4.81 0.49 N | 66.15 3.21 0.15 N | 52.35 2.57 0.03 N | 71.19 3.59 0.10 N | 82.05 4.22 0.21 N | 67.29 3.51 0.01 N | 80.32 4.19 0.11 N | 55.11 2.72 0.07 N | 59.35 2.76 0.05 N | 44.80 1.99 0.00 N | 32.77 1.30 0.00 N | |
| BARRETT_IC_1 23704 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N | |
| BARRETT_IC_10 23701 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N | |
| BARRETT_IC_11 23702 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N | |
| BARRETT_IC_12 23703 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N | |
| BARRETT_IC_2 23705 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N | |
| BARRETT_IC_3 | 82.55 | 64.82 | 30.57 | 30.26 | 18.05 | 65.89 | 84.74 | 86.68 | 87.12 | 88.77 | 89.65 | 90.40 | 91.35 | 94.12 | 89.84 | 95.15 | 101.46 | 88.57 | 90.51 | 88.89 | 88.67 | 145.12 | 88.46 | 75.69 | |

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| 23706 | 1.93 -57.29 N | 2.57 -28.28 N | 2.05 0.00 N | 1.98 0.00 N | 1.15 0.00 N | 3.30 -23.56 N | 2.98 -50.16 N | 5.60 -25.47 N | 6.96 -13.13 N | 6.62 -19.33 N | 3.81 -49.80 N | 5.90 -29.07 N | 7.78 -11.70 N | 8.92 0.53 N | 6.29 -20.46 N | 5.31 -40.04 N | 7.02 -26.74 N | 8.25 -2.27 N | 6.87 -19.83 N | 8.00 -4.64 N | 5.48 -30.74 N | 5.58 -82.90 N | 4.12 -41.53 N | 2.79 -41.43 N |
| BARRETT_IC_4 23707 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT_IC_5 23708 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT_IC_6 23709 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT_IC_7 23710 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT_IC_8 23711 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT_IC_9 23700 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT___1 23545 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BARRETT___2 23546 | 82.55 1.93 -57.29 N | 64.82 2.57 -28.28 N | 30.57 2.05 0.00 N | 30.26 1.98 0.00 N | 18.05 1.15 0.00 N | 65.89 3.30 -23.56 N | 84.74 2.98 -50.16 N | 86.68 5.60 -25.47 N | 87.12 6.96 -13.13 N | 88.77 6.62 -19.33 N | 89.65 3.81 -49.80 N | 90.40 5.90 -29.07 N | 91.35 7.78 -11.70 N | 94.12 8.92 0.53 N | 89.84 6.29 -20.46 N | 95.15 5.31 -40.04 N | 101.46 7.02 -26.74 N | 88.57 8.25 -2.27 N | 90.51 6.87 -19.83 N | 88.89 8.00 -4.64 N | 88.67 5.48 -30.74 N | 145.12 5.58 -82.90 N | 88.46 4.12 -41.53 N | 75.69 2.79 -41.43 N |
| BEAVER RIVER___HYD 24048 | 23.02 -0.31 0.00 N | 33.44 -0.53 0.00 N | 28.07 -0.45 0.00 N | 27.82 -0.45 0.00 N | 16.62 -0.27 0.00 N | 38.50 -0.53 0.00 N | 31.25 -0.35 0.00 N | 54.92 -0.68 0.00 N | 66.22 -0.81 0.00 N | 62.12 -0.71 0.00 N | 35.62 -0.41 0.00 N | 54.87 -0.57 0.00 N | 71.46 -0.41 0.00 N | 85.35 -0.39 0.00 N | 62.79 -0.30 0.00 N | 49.58 -0.23 0.00 N | 67.57 -0.13 0.00 N | 78.11 0.06 0.00 N | 63.46 -0.34 0.00 N | 75.43 -0.81 0.00 N | 51.85 -0.60 0.00 N | 55.82 -0.82 0.00 N | 42.13 -0.68 0.00 N | 31.00 -0.46 0.00 N |
| BEEBEE_GT_13 23619 | 21.69 -1.64 0.00 N | 31.70 -2.27 0.00 N | 26.76 -1.76 0.00 N | 26.38 -1.90 0.00 N | 15.75 -1.15 0.00 N | 36.99 -2.04 0.00 N | 29.98 -1.62 0.00 N | 52.24 -3.37 0.00 N | 63.34 -4.04 -0.35 N | 60.61 -3.86 -1.64 N | 34.53 -1.80 -0.30 N | 52.94 -3.00 -0.50 N | 69.95 -4.15 -2.24 N | 83.69 -4.96 -2.91 N | 60.22 -3.76 -0.89 N | 47.26 -2.73 -0.19 N | 65.50 -2.76 -0.56 N | 76.27 -3.01 -1.24 N | 61.42 -2.47 -0.08 N | 73.22 -3.69 -0.67 N | 50.34 -2.49 -0.39 N | 53.51 -3.41 -0.27 N | 40.65 -2.16 0.00 N | 29.88 -1.59 0.00 N |
| BETHLEHEM___GRP 23843 | 24.26 0.93 0.00 N | 35.22 1.25 0.00 N | 29.55 1.02 0.00 N | 29.25 0.97 0.00 N | 17.51 0.62 0.00 N | 40.69 1.65 0.00 N | 32.96 1.35 0.00 N | 58.29 2.69 0.00 N | 70.40 3.37 0.00 N | 65.88 3.06 0.00 N | 37.88 1.84 0.00 N | 58.31 2.87 0.00 N | 75.83 3.97 0.00 N | 90.63 4.90 0.00 N | 66.31 3.22 0.00 N | 52.33 2.53 0.00 N | 71.42 3.73 0.00 N | 82.52 4.47 0.00 N | 67.50 3.69 0.00 N | 80.60 4.36 0.00 N | 55.15 2.70 0.00 N | 59.34 2.70 0.00 N | 44.74 1.92 0.00 N | 32.77 1.30 0.00 N |
| BETHLEHEM___GS1 323560 | 24.26 0.93 0.00 N | 35.22 1.25 0.00 N | 29.55 1.02 0.00 N | 29.25 0.97 0.00 N | 17.51 0.62 0.00 N | 40.69 1.65 0.00 N | 32.96 1.35 0.00 N | 58.29 2.69 0.00 N | 70.40 3.37 0.00 N | 65.88 3.06 0.00 N | 37.88 1.84 0.00 N | 58.31 2.87 0.00 N | 75.83 3.97 0.00 N | 90.63 4.90 0.00 N | 66.31 3.22 0.00 N | 52.33 2.53 0.00 N | 71.42 3.73 0.00 N | 82.52 4.47 0.00 N | 67.50 3.69 0.00 N | 80.60 4.36 0.00 N | 55.15 2.70 0.00 N | 59.34 2.70 0.00 N | 44.74 1.92 0.00 N | 32.77 1.30 0.00 N |
| BETHLEHEM___GS2 323561 | 24.26 0.93 0.00 N | 35.22 1.25 0.00 N | 29.55 1.02 0.00 N | 29.25 0.97 0.00 N | 17.51 0.62 0.00 N | 40.69 1.65 0.00 N | 32.96 1.35 0.00 N | 58.29 2.69 0.00 N | 70.40 3.37 0.00 N | 65.88 3.06 0.00 N | 37.88 1.84 0.00 N | 58.31 2.87 0.00 N | 75.83 3.97 0.00 N | 90.63 4.90 0.00 N | 66.31 3.22 0.00 N | 52.33 2.53 0.00 N | 71.42 3.73 0.00 N | 82.52 4.47 0.00 N | 67.50 3.69 0.00 N | 80.60 4.36 0.00 N | 55.15 2.70 0.00 N | 59.34 2.70 0.00 N | 44.74 1.92 0.00 N | 32.77 1.30 0.00 N |

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| BETHLEHEM___GS3 323562 | 24.26 0.93 0.00 N | 35.22 1.25 0.00 N | 29.55 1.02 0.00 N | 29.25 0.97 0.00 N | 17.51 0.62 0.00 N | 40.69 1.65 0.00 N | 32.96 1.35 0.00 N | 58.29 2.69 0.00 N | 70.40 3.37 0.00 N | 65.88 3.06 0.00 N | 37.88 1.84 0.00 N | 58.31 2.87 0.00 N | 75.83 3.97 0.00 N | 90.63 4.90 0.00 N | 66.31 3.22 0.00 N | 52.33 2.53 0.00 N | 71.42 3.73 0.00 N | 82.52 4.47 0.00 N | 67.50 3.69 0.00 N | 80.60 4.36 0.00 N | 55.15 2.70 0.00 N | 59.34 2.70 0.00 N | 44.74 1.92 0.00 N | 32.77 1.30 0.00 N |
| BETHLEHEM___STEEL 23779 | 20.66 -2.68 0.00 N | 30.21 -3.76 0.00 N | 25.66 -2.87 0.00 N | 25.17 -3.11 0.00 N | 15.01 -1.89 0.00 N | 35.28 -3.75 0.00 N | 28.22 -3.38 0.00 N | 48.51 -7.10 0.00 N | 54.23 -8.91 3.89 N | 36.27 -8.30 18.25 N | 28.29 -4.46 3.29 N | 42.89 -7.04 5.50 N | 38.09 -9.20 24.57 N | 42.97 -10.86 31.90 N | 45.15 -8.18 9.75 N | 41.35 -6.40 2.06 N | 53.53 -7.92 6.25 N | 55.57 -8.72 13.75 N | 55.90 -6.97 0.93 N | 59.92 -8.89 7.42 N | 42.07 -6.04 4.34 N | 46.49 -7.10 3.05 N | 38.32 -4.50 0.00 N | 28.38 -3.08 0.00 N |
| BETHPAGE_CC_5 323564 | 82.70 2.08 -57.29 N | 65.02 2.78 -28.28 N | 30.77 2.24 0.00 N | 30.43 2.16 0.00 N | 18.15 1.25 0.00 N | 66.14 3.54 -23.56 N | 84.87 3.10 -50.16 N | 86.79 5.71 -25.47 N | 87.18 7.02 -13.13 N | 88.79 6.64 -19.33 N | 89.62 3.78 -49.80 N | 90.35 5.85 -29.07 N | 91.23 7.67 -11.70 N | 93.85 8.65 0.53 N | 89.75 6.20 -20.46 N | 95.13 5.29 -40.04 N | 101.23 6.79 -26.74 N | 88.36 8.04 -2.27 N | 90.52 6.89 -19.83 N | 88.90 8.02 -4.64 N | 88.69 5.50 -30.74 N | 145.19 5.65 -82.90 N | 88.68 4.34 -41.53 N | 75.90 3.00 -41.43 N |
| BINGHAMTON___COGEN 23790 | 22.74 -0.59 0.00 N | 33.07 -0.90 0.00 N | 27.87 -0.66 0.00 N | 27.46 -0.82 0.00 N | 16.40 -0.50 0.00 N | 38.37 -0.66 0.00 N | 31.09 -0.51 0.00 N | 54.89 -0.72 0.00 N | 65.63 -1.03 0.37 N | 60.17 -0.91 1.74 N | 35.20 -0.53 0.31 N | 54.17 -0.74 0.52 N | 68.55 -0.97 2.34 N | 81.71 -0.99 3.03 N | 61.02 -1.14 0.93 N | 48.91 -0.70 0.19 N | 66.37 -0.73 0.59 N | 76.24 -0.49 1.31 N | 63.18 -0.53 0.09 N | 74.74 -0.80 0.71 N | 51.33 -0.70 0.41 N | 55.32 -1.04 0.29 N | 41.99 -0.82 0.00 N | 30.85 -0.62 0.00 N |
| BLACK RIVER___HYD 24047 | 22.71 -0.63 0.00 N | 32.91 -1.06 0.00 N | 27.62 -0.90 0.00 N | 27.35 -0.93 0.00 N | 16.36 -0.54 0.00 N | 37.92 -1.11 0.00 N | 30.80 -0.80 0.00 N | 54.32 -1.28 0.00 N | 65.56 -1.47 0.00 N | 61.72 -1.11 0.00 N | 35.46 -0.58 0.00 N | 54.57 -0.87 0.00 N | 70.91 -0.95 0.00 N | 84.69 -1.04 0.00 N | 62.19 -0.90 0.00 N | 49.14 -0.67 0.00 N | 67.08 -0.62 0.00 N | 77.68 -0.37 0.00 N | 63.16 -0.65 0.00 N | 75.06 -1.18 0.00 N | 51.59 -0.85 0.00 N | 55.43 -1.22 0.00 N | 41.73 -1.08 0.00 N | 30.60 -0.87 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 24.01 0.67 0.00 N | 34.85 0.88 0.00 N | 29.25 0.72 0.00 N | 28.94 0.66 0.00 N | 17.33 0.43 0.00 N | 40.18 1.14 0.00 N | 32.48 0.87 0.00 N | 57.42 1.81 0.00 N | 69.33 2.29 0.00 N | 64.92 2.10 0.00 N | 37.34 1.30 0.00 N | 57.45 2.02 0.00 N | 74.67 2.81 0.00 N | 89.18 3.44 0.00 N | 65.31 2.23 0.00 N | 51.58 1.77 0.00 N | 70.28 2.58 0.00 N | 81.11 3.07 0.00 N | 66.37 2.57 0.00 N | 79.29 3.05 0.00 N | 54.33 1.89 0.00 N | 58.50 1.86 0.00 N | 44.11 1.30 0.00 N | 32.31 0.85 0.00 N |
| BOC_GAS_DRP 24189 | 24.00 0.66 0.00 N | 34.86 0.89 0.00 N | 29.26 0.74 0.00 N | 28.95 0.67 0.00 N | 17.34 0.44 0.00 N | 40.20 1.17 0.00 N | 32.55 0.95 0.00 N | 57.53 1.92 0.00 N | 69.41 2.38 0.00 N | 64.98 2.16 0.00 N | 37.35 1.31 0.00 N | 57.49 2.06 0.00 N | 74.73 2.87 0.00 N | 89.25 3.52 0.00 N | 65.36 2.27 0.00 N | 51.62 1.81 0.00 N | 70.27 2.57 0.00 N | 81.11 3.07 0.00 N | 66.36 2.57 0.00 N | 79.31 3.07 0.00 N | 54.35 1.91 0.00 N | 58.55 1.91 0.00 N | 44.18 1.37 0.00 N | 32.37 0.91 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 24.31 0.98 0.00 N | 35.32 1.35 0.00 N | 29.63 1.10 0.00 N | 29.39 1.11 0.00 N | 17.58 0.69 0.00 N | 40.88 1.85 0.00 N | 33.03 1.42 0.00 N | 58.34 2.74 0.00 N | 70.45 3.42 0.00 N | 65.71 2.89 0.00 N | 37.78 1.74 0.00 N | 58.16 2.72 0.00 N | 75.86 3.99 0.00 N | 90.79 5.06 0.00 N | 66.28 3.19 0.00 N | 52.17 2.37 0.00 N | 71.37 3.67 0.00 N | 82.47 4.42 0.00 N | 67.51 3.71 0.00 N | 80.66 4.42 0.00 N | 54.96 2.52 0.00 N | 59.17 2.53 0.00 N | 44.72 1.91 0.00 N | 32.83 1.36 0.00 N |
| BOWLINE___1 23526 | 24.48 1.14 0.00 N | 35.41 1.44 0.00 N | 29.71 1.19 0.00 N | 29.44 1.17 0.00 N | 17.62 0.72 0.00 N | 41.15 2.12 0.00 N | 33.53 1.92 0.00 N | 59.40 3.79 0.00 N | 71.70 4.74 0.06 N | 67.05 4.54 0.30 N | 38.63 2.65 0.06 N | 59.43 4.09 0.09 N | 76.98 5.52 0.41 N | 91.81 6.61 0.53 N | 67.37 4.45 0.16 N | 53.42 3.65 0.04 N | 72.66 5.07 0.10 N | 83.82 6.00 0.23 N | 68.73 4.94 0.02 N | 81.97 5.85 0.12 N | 56.31 3.94 0.07 N | 60.52 3.92 0.05 N | 45.62 2.80 0.00 N | 33.25 1.78 0.00 N |
| BOWLINE___2 23595 | 24.48 1.15 0.00 N | 35.41 1.44 0.00 N | 29.71 1.19 0.00 N | 29.45 1.17 0.00 N | 17.63 0.73 0.00 N | 41.16 2.13 0.00 N | 33.53 1.92 0.00 N | 59.41 3.80 0.00 N | 71.72 4.75 0.06 N | 67.05 4.54 0.30 N | 38.63 2.65 0.06 N | 59.45 4.11 0.09 N | 76.98 5.52 0.41 N | 91.82 6.62 0.53 N | 67.37 4.45 0.16 N | 53.43 3.65 0.04 N | 72.68 5.09 0.10 N | 83.83 6.01 0.23 N | 68.73 4.94 0.02 N | 81.98 5.86 0.12 N | 56.31 3.94 0.07 N | 60.52 3.93 0.05 N | 45.62 2.80 0.00 N | 33.26 1.80 0.00 N |
| BROOKHAVEN___DRP 24191 | 82.86 2.24 -57.29 N | 65.24 2.99 -28.28 N | 30.94 2.42 0.00 N | 30.60 2.32 0.00 N | 18.23 1.33 0.00 N | 66.50 3.90 -23.56 N | 85.07 3.31 -50.16 N | 86.88 5.81 -25.47 N | 87.00 6.84 -13.13 N | 88.49 6.34 -19.33 N | 89.37 3.53 -49.80 N | 89.97 5.47 -29.07 N | 90.64 7.08 -11.70 N | 92.85 7.65 0.53 N | 89.22 5.67 -20.46 N | 94.91 5.07 -40.04 N | 100.94 6.50 -26.74 N | 88.00 7.68 -2.27 N | 90.26 6.63 -19.83 N | 88.57 7.68 -4.64 N | 88.59 5.40 -30.74 N | 145.18 5.63 -82.90 N | 88.72 4.37 -41.53 N | 75.95 3.05 -41.43 N |
| BROOKLYN_NAVY_YARD 23515 | 24.73 1.39 0.00 N | 35.75 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.76 0.86 0.00 N | 41.54 2.51 0.00 N | 33.88 2.27 0.00 N | 60.22 4.61 0.00 N | 72.82 5.86 -622.36 N | 690.83 5.66 -51.69 N | 90.93 3.20 -147.50 N | 207.92 4.99 -48.44 N | 126.98 6.68 -46.71 N | 140.31 7.86 -46.71 N | 68.73 5.40 -0.24 N | 102.70 4.45 -48.45 N | 86.02 6.12 -12.20 N | 84.89 7.07 0.23 N | 69.60 5.81 0.02 N | 83.04 6.91 0.12 N | 57.06 4.65 0.04 N | 61.33 4.74 0.05 N | 46.17 3.35 0.00 N | 33.61 2.15 0.00 N |
| BURROWS___LYONSDAL 23803 | 23.41 0.08 0.00 N | 33.99 0.03 0.00 N | 28.56 0.03 0.00 N | 28.30 0.02 0.00 N | 16.90 0.00 0.00 N | 39.19 0.16 0.00 N | 31.80 0.20 0.00 N | 56.08 0.48 0.00 N | 67.67 0.64 0.00 N | 63.52 0.70 0.00 N | 36.48 0.44 0.00 N | 56.15 0.72 0.00 N | 72.91 1.04 0.00 N | 87.03 1.29 0.00 N | 63.92 0.83 0.00 N | 50.53 0.72 0.00 N | 68.89 1.19 0.00 N | 79.65 1.61 0.00 N | 64.95 1.14 0.00 N | 77.40 1.16 0.00 N | 53.14 0.69 0.00 N | 57.16 0.52 0.00 N | 43.07 0.26 0.00 N | 31.63 0.17 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 82.69 2.07 -57.29 N | 65.00 2.76 -28.28 N | 30.76 2.23 0.00 N | 30.43 2.15 0.00 N | 18.13 1.24 0.00 N | 66.15 3.56 -23.56 N | 84.90 3.14 -50.16 N | 86.90 5.83 -25.47 N | 87.35 7.19 -13.13 N | 88.96 6.81 -19.33 N | 89.72 3.88 -49.80 N | 90.53 6.02 -29.07 N | 91.46 7.90 -11.70 N | 94.15 8.95 0.53 N | 89.95 6.40 -20.46 N | 95.28 5.44 -40.04 N | 101.34 6.90 -26.74 N | 88.52 8.20 -2.27 N | 90.60 6.97 -19.83 N | 88.98 8.10 -4.64 N | 88.74 5.55 -30.74 N | 145.24 5.70 -82.90 N | 88.77 4.42 -41.53 N | 75.91 3.01 -41.43 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 |
| CALPINE_BP_GTI 23823 | 82.69 2.07 -57.29 N | 65.00 2.76 -28.28 N | 30.76 2.23 0.00 N | 30.43 2.15 0.00 N | 18.13 1.24 0.00 N | 66.15 3.56 -23.56 N | 84.90 3.14 -50.16 N | 86.90 5.83 -25.47 N | 87.35 7.19 -13.13 N | 88.96 6.81 -19.33 N | 89.72 3.88 -49.80 N | 90.53 6.02 -29.07 N | 91.46 7.90 -11.70 N | 94.15 8.95 0.53 N | 89.95 6.40 -20.46 N | 95.28 5.44 -40.04 N | 101.34 6.90 -26.74 N | 88.52 8.20 -2.27 N | 90.60 6.97 -19.83 N | 88.98 8.10 -4.64 N | 88.74 5.55 -30.74 N | 145.24 5.70 -82.90 N | 88.77 4.42 -41.53 N | 75.91 3.01 -41.43 N | |
| CALSPAN___DRP 24200 | 20.66 -2.68 0.00 N | 30.21 -3.76 0.00 N | 25.66 -2.87 0.00 N | 25.17 -3.11 0.00 N | 15.01 -1.89 0.00 N | 35.28 -3.75 0.00 N | 28.22 -3.38 0.00 N | 48.51 -7.10 0.00 N | 54.23 -8.91 3.89 N | 36.27 -8.30 18.25 N | 28.29 -4.46 3.29 N | 42.89 -7.04 5.50 N | 38.09 -9.20 24.57 N | 42.97 -10.86 31.90 N | 45.15 -8.18 9.75 N | 41.35 -6.40 2.06 N | 53.53 -7.92 6.25 N | 55.57 -8.72 13.75 N | 55.90 -6.97 0.93 N | 59.92 -8.89 7.42 N | 42.07 -6.04 4.34 N | 46.49 -7.10 3.05 N | 38.32 -4.50 0.00 N | 28.38 -3.08 0.00 N | |
| CARR STREET_E__SYR 24060 | 22.75 -0.58 0.00 N | 33.05 -0.92 0.00 N | 27.80 -0.73 0.00 N | 27.47 -0.80 0.00 N | 16.41 -0.49 0.00 N | 38.12 -0.91 0.00 N | 30.88 -0.73 0.00 N | 54.33 -1.28 0.00 N | 65.51 -1.52 0.00 N | 61.53 -1.29 0.00 N | 35.39 -0.65 0.00 N | 54.45 -0.98 0.00 N | 70.53 -1.33 0.00 N | 84.20 -1.53 0.00 N | 61.82 -1.26 0.00 N | 48.87 -0.93 0.00 N | 66.69 -1.01 0.00 N | 77.13 -0.92 0.00 N | 63.01 -0.79 0.00 N | 75.10 -1.15 0.00 N | 51.58 -0.86 0.00 N | 55.45 -1.19 0.00 N | 41.93 -0.88 0.00 N | 30.79 -0.68 0.00 N | |
| CARTHAGE___PAPER 23857 | 22.83 -0.50 0.00 N | 33.12 -0.85 0.00 N | 27.81 -0.72 0.00 N | 27.55 -0.73 0.00 N | 16.46 -0.44 0.00 N | 38.15 -0.88 0.00 N | 30.99 -0.61 0.00 N | 54.57 -1.03 0.00 N | 65.83 -1.20 0.00 N | 61.89 -0.93 0.00 N | 35.52 -0.52 0.00 N | 54.69 -0.74 0.00 N | 71.15 -0.71 0.00 N | 84.95 -0.78 0.00 N | 62.43 -0.66 0.00 N | 49.32 -0.49 0.00 N | 67.27 -0.43 0.00 N | 77.84 -0.21 0.00 N | 63.27 -0.54 0.00 N | 75.21 -1.04 0.00 N | 51.70 -0.74 0.00 N | 55.59 -1.05 0.00 N | 41.90 -0.92 0.00 N | 30.77 -0.70 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 24.64 1.31 0.00 N | 35.65 1.68 0.00 N | 29.90 1.37 0.00 N | 29.62 1.34 0.00 N | 17.72 0.82 0.00 N | 41.39 2.36 0.00 N | 33.72 2.12 0.00 N | 59.80 4.20 0.00 N | 72.25 5.29 0.06 N | 67.56 5.05 0.30 N | 38.90 2.92 0.06 N | 59.87 4.53 0.09 N | 77.53 6.09 0.41 N | 92.44 7.24 0.53 N | 67.85 4.92 0.16 N | 53.80 4.03 0.04 N | 73.19 5.59 0.10 N | 84.35 6.53 0.23 N | 69.17 5.38 0.02 N | 82.50 6.38 0.12 N | 56.65 4.27 0.07 N | 60.91 4.32 0.05 N | 45.90 3.09 0.00 N | 33.45 1.99 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 24.58 1.25 0.00 N | 35.57 1.60 0.00 N | 29.83 1.31 0.00 N | 29.55 1.27 0.00 N | 17.68 0.78 0.00 N | 41.31 2.28 0.00 N | 33.65 2.04 0.00 N | 59.65 4.05 0.00 N | 72.05 5.08 0.06 N | 67.37 4.85 0.30 N | 38.79 2.81 0.06 N | 59.69 4.35 0.09 N | 77.31 5.86 0.41 N | 92.19 6.99 0.53 N | 67.66 4.74 0.16 N | 53.65 3.87 0.04 N | 72.99 5.40 0.10 N | 84.13 6.32 0.23 N | 68.99 5.20 0.02 N | 82.31 6.19 0.12 N | 56.51 4.13 0.07 N | 60.75 4.15 0.05 N | 45.79 2.98 0.00 N | 33.38 1.92 0.00 N | |
| CE_NYC2_DRP 24202 | 24.79 1.46 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.76 1.48 0.00 N | 17.80 0.90 0.00 N | 41.63 2.60 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.01 5.97 -2.01 N | 707.18 5.68 -638.68 N | 90.95 3.23 -51.69 N | 207.86 4.93 -147.50 N | 126.93 6.63 -48.44 N | 140.26 7.82 -46.71 N | 68.71 5.38 -0.24 N | 102.68 4.42 -48.45 N | 85.87 5.96 -12.20 N | 84.70 6.88 0.23 N | 69.46 5.67 0.02 N | 82.90 6.78 0.12 N | 56.98 4.57 0.04 N | 61.26 4.67 0.05 N | 46.20 3.38 0.00 N | 33.64 2.17 0.00 N | |
| CE_NYC_DRP 24195 | 24.77 1.43 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.89 0.00 N | 41.61 2.58 0.00 N | 33.94 2.33 0.00 N | 60.29 4.68 0.00 N | 72.90 5.94 0.06 N | 690.92 5.74 -622.36 N | 91.01 3.28 -51.69 N | 208.03 5.10 -147.50 N | 127.09 6.79 -48.44 N | 140.45 8.01 -46.71 N | 68.82 5.49 -0.24 N | 102.79 4.54 -48.45 N | 86.16 6.25 -12.20 N | 85.05 7.23 0.23 N | 69.70 5.91 0.02 N | 83.14 7.02 0.12 N | 57.12 4.71 0.04 N | 61.42 4.83 0.05 N | 46.25 3.44 0.00 N | 33.67 2.20 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 24.66 1.33 0.00 N | 35.71 1.75 0.00 N | 29.97 1.44 0.00 N | 29.68 1.41 0.00 N | 17.77 0.87 0.00 N | 41.43 2.40 0.00 N | 33.71 2.11 0.00 N | 59.70 4.10 0.00 N | 72.10 5.13 0.06 N | 67.41 4.87 0.28 N | 38.82 2.84 0.05 N | 59.75 4.40 0.08 N | 77.44 5.96 0.38 N | 92.41 7.17 0.49 N | 67.81 4.87 0.15 N | 53.73 3.96 0.03 N | 73.13 5.53 0.10 N | 84.31 6.48 0.21 N | 69.13 5.34 0.01 N | 82.48 6.35 0.11 N | 56.59 4.21 0.07 N | 60.85 4.25 0.05 N | 45.86 3.05 0.00 N | 33.45 1.98 0.00 N | |
| CH_MISC_IPPS 23765 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N | |
| CH_RES_BVR_FALLS 23983 | 23.23 -0.10 0.00 N | 33.90 -0.06 0.00 N | 28.47 -0.05 0.00 N | 28.25 -0.03 0.00 N | 16.88 -0.02 0.00 N | 38.91 -0.12 0.00 N | 31.51 -0.10 0.00 N | 55.33 -0.27 0.00 N | 66.76 -0.27 0.00 N | 62.55 -0.28 0.00 N | 35.85 -0.18 0.00 N | 55.16 -0.28 0.00 N | 71.50 -0.36 0.00 N | 85.30 -0.43 0.00 N | 62.85 -0.24 0.00 N | 49.58 -0.22 0.00 N | 67.33 -0.37 0.00 N | 77.64 -0.40 0.00 N | 63.42 -0.38 0.00 N | 75.79 -0.46 0.00 N | 52.18 -0.26 0.00 N | 56.35 -0.29 0.00 N | 42.65 -0.17 0.00 N | 31.39 -0.07 0.00 N | |
| CH_RES_NIAGARA 23895 | 20.64 -2.70 0.00 N | 30.23 -3.74 0.00 N | 25.66 -2.86 0.00 N | 25.20 -3.08 0.00 N | 15.05 -1.85 0.00 N | 35.15 -3.88 0.00 N | 27.97 -3.64 0.00 N | 47.56 -8.05 0.00 N | 52.81 -10.06 4.17 N | 33.81 -9.44 19.57 N | 27.57 -4.95 3.52 N | 41.64 -7.90 5.90 N | 35.15 -10.37 26.33 N | 39.12 -12.42 34.20 N | 43.58 -9.06 10.45 N | 40.38 -7.22 2.20 N | 52.08 -8.92 6.70 N | 53.23 -10.08 14.74 N | 54.93 -7.88 1.00 N | 58.24 -10.05 7.96 N | 41.06 -6.74 4.65 N | 45.55 -7.83 3.27 N | 38.12 -4.70 0.00 N | 28.28 -3.18 0.00 N | |
| CH_RES_SYRACUSE 23985 | 22.92 -0.42 0.00 N | 33.27 -0.70 0.00 N | 27.97 -0.55 0.00 N | 27.66 -0.62 0.00 N | 16.51 -0.39 0.00 N | 38.43 -0.61 0.00 N | 31.14 -0.47 0.00 N | 54.85 -0.75 0.00 N | 66.23 -0.85 -0.05 N | 62.40 -0.65 -0.24 N | 35.80 -0.28 -0.04 N | 55.06 -0.44 -0.07 N | 71.57 -0.61 -0.32 N | 85.43 -0.71 -0.41 N | 62.55 -0.66 -0.13 N | 49.39 -0.44 -0.03 N | 67.46 -0.32 -0.08 N | 78.12 -0.10 -0.18 N | 63.69 -0.12 -0.01 N | 75.96 -0.38 -0.10 N | 52.16 -0.34 -0.06 N | 56.05 -0.63 -0.04 N | 42.31 -0.50 0.00 N | 31.05 -0.42 0.00 N | |
| CORNELL____ | 21.87 | 31.54 | 26.62 | 26.40 | 15.65 | 36.65 | 29.76 | 52.58 | 63.33 | 59.13 | 34.35 | 52.74 | 67.63 | 80.69 | 59.59 | 47.41 | 64.90 | 75.15 | 61.68 | 73.04 | 50.25 | 53.67 | 40.50 | 29.73 | |

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| 23752 | -1.46 0.00 N | -2.43 0.00 N | -1.90 0.00 N | -1.87 0.00 N | -1.25 0.00 N | -2.38 0.00 N | -1.85 0.00 N | -3.03 0.00 N | -3.56 0.14 N | -3.04 0.66 N | -1.57 0.12 N | -2.50 0.20 N | -3.34 0.88 N | -3.89 1.15 N | -3.15 0.35 N | -2.32 0.07 N | -2.57 0.22 N | -2.40 0.49 N | -2.09 0.03 N | -2.94 0.27 N | -2.04 0.16 N | -2.87 0.11 N | -2.32 0.00 N | -1.73 0.00 N |
| COXSACKIE___GT 23611 | 24.85 1.51 0.00 N | 35.98 2.01 0.00 N | 30.18 1.66 0.00 N | 29.87 1.59 0.00 N | 17.87 0.97 0.00 N | 41.67 2.63 0.00 N | 33.84 2.24 0.00 N | 60.05 4.44 0.00 N | 72.59 5.61 0.05 N | 67.88 5.32 0.26 N | 39.13 3.14 0.05 N | 60.25 4.89 0.08 N | 78.04 6.53 0.35 N | 93.19 7.91 0.45 N | 68.38 5.44 0.14 N | 54.12 4.35 0.03 N | 73.81 6.20 0.09 N | 85.28 7.43 0.19 N | 69.88 6.09 0.01 N | 83.32 7.19 0.10 N | 57.03 4.65 0.06 N | 61.26 4.67 0.04 N | 46.10 3.29 0.00 N | 33.67 2.20 0.00 N |
| CRESCENT___HYD 24018 | 24.20 0.87 0.00 N | 35.12 1.15 0.00 N | 29.45 0.93 0.00 N | 29.19 0.91 0.00 N | 17.47 0.57 0.00 N | 40.63 1.60 0.00 N | 32.90 1.30 0.00 N | 58.16 2.56 0.00 N | 70.26 3.23 0.00 N | 65.67 2.85 0.00 N | 37.77 1.73 0.00 N | 58.15 2.72 0.00 N | 75.72 3.86 0.00 N | 90.55 4.81 0.00 N | 66.18 3.09 0.00 N | 52.17 2.36 0.00 N | 71.32 3.63 0.00 N | 82.47 4.42 0.00 N | 67.48 3.68 0.00 N | 80.58 4.33 0.00 N | 54.99 2.55 0.00 N | 59.15 2.50 0.00 N | 44.60 1.79 0.00 N | 32.67 1.21 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 22.92 -0.42 0.00 N | 33.27 -0.70 0.00 N | 27.97 -0.55 0.00 N | 27.66 -0.62 0.00 N | 16.51 -0.39 0.00 N | 38.43 -0.61 0.00 N | 31.14 -0.47 0.00 N | 54.85 -0.75 0.00 N | 66.23 -0.85 -0.05 N | 62.40 -0.65 -0.24 N | 35.80 -0.28 -0.04 N | 55.06 -0.44 -0.07 N | 71.57 -0.61 -0.32 N | 85.43 -0.71 -0.41 N | 62.55 -0.66 -0.13 N | 49.39 -0.44 -0.03 N | 67.46 -0.32 -0.08 N | 78.12 -0.10 -0.18 N | 63.69 -0.12 -0.01 N | 75.96 -0.38 -0.10 N | 52.16 -0.34 -0.06 N | 56.05 -0.63 -0.04 N | 42.31 -0.50 0.00 N | 31.05 -0.42 0.00 N |
| DANSKAMMER___1 23586 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| DANSKAMMER___2 23589 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| DANSKAMMER___3 23590 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| DANSKAMMER___4 23591 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| DANSKAMMER___DIESEL 23592 | 24.59 1.26 0.00 N | 35.60 1.64 0.00 N | 29.89 1.37 0.00 N | 29.63 1.35 0.00 N | 17.73 0.83 0.00 N | 41.36 2.33 0.00 N | 33.67 2.06 0.00 N | 59.51 3.90 0.00 N | 71.82 4.85 0.06 N | 67.17 4.63 0.28 N | 38.72 2.73 0.05 N | 59.55 4.20 0.08 N | 77.20 5.72 0.38 N | 92.22 6.98 0.49 N | 67.68 4.74 0.15 N | 53.63 3.86 0.03 N | 73.01 5.41 0.10 N | 84.21 6.38 0.21 N | 69.05 5.26 0.01 N | 82.35 6.22 0.11 N | 56.55 4.17 0.07 N | 60.76 4.16 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| DASHVILLE___HYD 23610 | 24.66 1.32 0.00 N | 35.70 1.73 0.00 N | 29.94 1.41 0.00 N | 29.65 1.37 0.00 N | 17.74 0.84 0.00 N | 41.42 2.39 0.00 N | 33.72 2.11 0.00 N | 59.72 4.11 0.00 N | 72.12 5.16 0.06 N | 67.50 4.96 0.28 N | 38.89 2.90 0.05 N | 59.83 4.47 0.08 N | 77.53 6.05 0.38 N | 92.57 7.33 0.49 N | 67.88 4.95 0.15 N | 53.81 4.03 0.03 N | 73.21 5.61 0.10 N | 84.43 6.60 0.21 N | 69.23 5.44 0.01 N | 82.57 6.44 0.11 N | 56.69 4.31 0.07 N | 60.93 4.33 0.05 N | 45.88 3.07 0.00 N | 33.44 1.97 0.00 N |
| DOGLEVILLE___HYD 23807 | 24.67 1.34 0.00 N | 35.85 1.89 0.00 N | 30.09 1.56 0.00 N | 29.84 1.56 0.00 N | 17.82 0.92 0.00 N | 41.51 2.48 0.00 N | 33.59 1.99 0.00 N | 59.67 4.07 0.00 N | 72.18 5.15 0.00 N | 67.79 4.97 0.00 N | 38.91 2.87 0.00 N | 59.89 4.46 0.00 N | 77.79 5.93 0.00 N | 93.03 7.30 0.00 N | 68.01 4.92 0.00 N | 53.79 3.98 0.00 N | 73.45 5.76 0.00 N | 84.90 6.85 0.00 N | 69.46 5.65 0.00 N | 82.98 6.73 0.00 N | 56.70 4.25 0.00 N | 61.01 4.37 0.00 N | 45.77 2.95 0.00 N | 33.40 1.93 0.00 N |
| DUNKIRK___1 23563 | 19.86 -3.47 0.00 N | 29.01 -4.95 0.00 N | 24.75 -3.77 0.00 N | 24.29 -3.99 0.00 N | 14.42 -2.48 0.00 N | 34.12 -4.91 0.00 N | 27.45 -4.15 0.00 N | 47.77 -7.84 0.00 N | 53.60 -9.94 3.49 N | 37.17 -9.28 16.38 N | 27.88 -5.21 2.95 N | 42.32 -8.18 4.94 N | 39.19 -10.60 22.07 N | 44.80 -12.27 28.66 N | 44.71 -9.62 8.76 N | 40.60 -7.36 1.85 N | 52.69 -9.40 5.60 N | 55.56 -10.15 12.34 N | 54.51 -8.46 0.84 N | 59.08 -10.51 6.66 N | 41.33 -7.23 3.89 N | 45.43 -8.48 2.73 N | 36.88 -5.94 0.00 N | 27.34 -4.13 0.00 N |
| DUNKIRK___2 23564 | 19.86 -3.47 0.00 N | 29.01 -4.95 0.00 N | 24.75 -3.77 0.00 N | 24.29 -3.99 0.00 N | 14.42 -2.48 0.00 N | 34.12 -4.91 0.00 N | 27.45 -4.15 0.00 N | 47.77 -7.84 0.00 N | 53.60 -9.94 3.49 N | 37.17 -9.28 16.38 N | 27.88 -5.21 2.95 N | 42.32 -8.18 4.94 N | 39.19 -10.60 22.07 N | 44.80 -12.27 28.66 N | 44.71 -9.62 8.76 N | 40.60 -7.36 1.85 N | 52.69 -9.40 5.60 N | 55.56 -10.15 12.34 N | 54.51 -8.46 0.84 N | 59.08 -10.51 6.66 N | 41.33 -7.23 3.89 N | 45.43 -8.48 2.73 N | 36.88 -5.94 0.00 N | 27.34 -4.13 0.00 N |
| DUNKIRK___3 23565 | 20.08 -3.25 0.00 N | 29.32 -4.65 0.00 N | 24.98 -3.55 0.00 N | 24.50 -3.78 0.00 N | 14.56 -2.34 0.00 N | 34.43 -4.60 0.00 N | 27.68 -3.92 0.00 N | 48.15 -7.45 0.00 N | 54.10 -9.43 3.50 N | 37.60 -8.79 16.42 N | 28.13 -4.96 2.96 N | 42.76 -7.73 4.95 N | 39.74 -10.02 22.11 N | 45.42 -11.60 28.70 N | 45.23 -9.08 8.77 N | 40.99 -6.97 1.85 N | 53.23 -8.85 5.62 N | 56.12 -9.55 12.37 N | 55.02 -7.94 0.84 N | 59.66 -9.90 6.68 N | 41.70 -6.84 3.90 N | 45.90 -8.00 2.74 N | 37.25 -5.56 0.00 N | 27.61 -3.86 0.00 N |

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| DUNKIRK___4 23566 | 20.08 -3.25 0.00 N | 29.32 -4.65 0.00 N | 24.98 -3.55 0.00 N | 24.50 -3.78 0.00 N | 14.56 -2.34 0.00 N | 34.43 -4.60 0.00 N | 27.68 -3.92 0.00 N | 48.15 -7.45 0.00 N | 54.10 -9.43 3.50 N | 37.60 -8.79 16.42 N | 28.13 -4.96 2.96 N | 42.76 -7.73 4.95 N | 39.74 -10.02 22.11 N | 45.42 -11.60 28.70 N | 45.23 -9.08 8.77 N | 40.99 -6.97 1.85 N | 53.23 -8.85 5.62 N | 56.12 -9.55 12.37 N | 55.02 -7.94 0.84 N | 59.66 -9.90 6.68 N | 41.70 -6.84 3.90 N | 45.90 -8.00 2.74 N | 37.25 -5.56 0.00 N | 27.61 -3.86 0.00 N |
| EAST HAMPTON___GT 23717 | 83.52 2.89 -57.29 N | 66.12 3.87 -28.28 N | 31.66 3.13 0.00 N | 31.28 3.00 0.00 N | 18.63 1.74 0.00 N | 67.56 4.97 -23.56 N | 86.00 4.24 -50.16 N | 88.65 7.57 -25.47 N | 89.23 9.06 -13.13 N | 90.70 8.55 -19.33 N | 90.67 4.83 -49.80 N | 91.99 7.49 -29.07 N | 93.26 9.69 -11.70 N | 96.00 10.80 0.53 N | 91.46 7.91 -20.46 N | 96.70 6.86 -40.04 N | 103.56 9.12 -26.74 N | 91.31 10.99 -2.27 N | 92.95 9.32 -19.83 N | 91.67 10.79 -4.64 N | 90.64 7.45 -30.74 N | 147.28 7.73 -82.90 N | 90.17 5.82 -41.53 N | 76.94 4.04 -41.43 N |
| EAST RIVER___6 23660 | 24.76 1.43 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.76 1.48 0.00 N | 17.78 0.89 0.00 N | 41.59 2.56 0.00 N | 33.92 2.31 0.00 N | 60.26 4.66 0.00 N | 72.86 5.90 0.06 N | 690.89 5.71 -622.36 N | 91.00 3.27 -51.69 N | 207.99 5.06 -147.50 N | 127.07 6.77 -48.44 N | 140.40 7.96 -46.71 N | 68.80 5.47 -0.24 N | 102.77 4.51 -48.45 N | 86.12 6.22 -12.20 N | 85.01 7.20 0.23 N | 69.69 5.90 0.02 N | 83.11 6.99 0.12 N | 57.11 4.70 0.04 N | 61.42 4.83 0.05 N | 46.26 3.44 0.00 N | 33.66 2.19 0.00 N |
| EAST RIVER___7 23524 | 24.76 1.43 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.76 1.48 0.00 N | 17.78 0.89 0.00 N | 41.59 2.56 0.00 N | 33.92 2.31 0.00 N | 60.26 4.66 0.00 N | 72.86 5.90 0.06 N | 690.89 5.71 -622.36 N | 91.00 3.27 -51.69 N | 207.99 5.06 -147.50 N | 127.07 6.77 -48.44 N | 140.40 7.96 -46.71 N | 68.80 5.47 -0.24 N | 102.77 4.51 -48.45 N | 86.12 6.22 -12.20 N | 85.01 7.20 0.23 N | 69.69 5.90 0.02 N | 83.11 6.99 0.12 N | 57.11 4.70 0.04 N | 61.42 4.83 0.05 N | 46.26 3.44 0.00 N | 33.66 2.19 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 83.52 2.89 -57.29 N | 66.12 3.87 -28.28 N | 31.66 3.13 0.00 N | 31.28 3.00 0.00 N | 18.63 1.74 0.00 N | 67.56 4.97 -23.56 N | 86.00 4.24 -50.16 N | 88.65 7.57 -25.47 N | 89.23 9.06 -13.13 N | 90.70 8.55 -19.33 N | 90.67 4.83 -49.80 N | 91.99 7.49 -29.07 N | 93.26 9.69 -11.70 N | 96.00 10.80 0.53 N | 91.46 7.91 -20.46 N | 96.70 6.86 -40.04 N | 103.56 9.12 -26.74 N | 91.31 10.99 -2.27 N | 92.95 9.32 -19.83 N | 91.67 10.79 -4.64 N | 90.64 7.45 -30.74 N | 147.28 7.73 -82.90 N | 90.17 5.82 -41.53 N | 76.94 4.04 -41.43 N |
| EAST_RIVER___1 323558 | 24.77 1.43 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.89 0.00 N | 41.61 2.58 0.00 N | 33.94 2.33 0.00 N | 60.29 4.68 0.00 N | 72.90 5.94 0.06 N | 690.92 5.74 -622.36 N | 91.01 3.28 -51.69 N | 208.03 5.10 -147.50 N | 127.09 6.79 -48.44 N | 140.45 8.01 -46.71 N | 68.82 5.49 -0.24 N | 102.79 4.54 -48.45 N | 86.16 6.25 -12.20 N | 85.05 7.23 0.23 N | 69.70 5.91 0.02 N | 83.14 7.02 0.12 N | 57.12 4.71 0.04 N | 61.42 4.83 0.05 N | 46.25 3.44 0.00 N | 33.67 2.20 0.00 N |
| EAST_RIVER___2 323559 | 24.76 1.43 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.76 1.48 0.00 N | 17.78 0.89 0.00 N | 41.59 2.56 0.00 N | 33.92 2.31 0.00 N | 60.26 4.66 0.00 N | 72.86 5.90 0.06 N | 690.89 5.71 -622.36 N | 91.00 3.27 -51.69 N | 207.99 5.06 -147.50 N | 127.07 6.77 -48.44 N | 140.40 7.96 -46.71 N | 68.80 5.47 -0.24 N | 102.77 4.51 -48.45 N | 86.12 6.22 -12.20 N | 85.01 7.20 0.23 N | 69.69 5.90 0.02 N | 83.11 6.99 0.12 N | 57.11 4.70 0.04 N | 61.42 4.83 0.05 N | 46.26 3.44 0.00 N | 33.66 2.19 0.00 N |
| ELEC_TRO_TEK 24086 | 82.40 1.78 -57.29 N | 64.61 2.36 -28.28 N | 30.42 1.90 0.00 N | 30.11 1.83 0.00 N | 17.95 1.05 0.00 N | 65.71 3.11 -23.56 N | 84.55 2.78 -50.16 N | 86.37 5.29 -25.47 N | 86.71 6.54 -13.13 N | 88.34 6.19 -19.33 N | 89.39 3.55 -49.80 N | 90.02 5.52 -29.07 N | 90.86 7.29 -11.70 N | 93.56 8.36 0.53 N | 89.44 5.90 -20.46 N | 94.81 4.97 -40.04 N | 101.07 6.63 -26.74 N | 88.18 7.87 -2.27 N | 90.25 6.61 -19.83 N | 88.60 7.72 -4.64 N | 88.46 5.27 -30.74 N | 144.91 5.36 -82.90 N | 88.30 3.96 -41.53 N | 75.53 2.64 -41.43 N |
| E_CANADA_CAP_HY 24051 | 23.32 -0.01 0.00 N | 33.72 -0.24 0.00 N | 28.27 -0.26 0.00 N | 27.91 -0.36 0.00 N | 16.73 -0.17 0.00 N | 38.71 -0.32 0.00 N | 31.57 -0.03 0.00 N | 55.34 -0.26 0.00 N | 66.72 -0.31 0.00 N | 62.45 -0.37 0.00 N | 35.95 -0.09 0.00 N | 55.27 -0.17 0.00 N | 71.44 -0.42 0.00 N | 84.95 -0.78 0.00 N | 62.82 -0.26 0.00 N | 49.60 -0.21 0.00 N | 68.14 0.44 0.00 N | 78.93 0.88 0.00 N | 63.99 0.18 0.00 N | 76.07 -0.17 0.00 N | 52.38 -0.06 0.00 N | 56.45 -0.20 0.00 N | 42.74 -0.08 0.00 N | 31.46 0.00 0.00 N |
| E_CANADA_MHWK_HY 24050 | 24.67 1.34 0.00 N | 35.85 1.89 0.00 N | 30.09 1.56 0.00 N | 29.84 1.56 0.00 N | 17.82 0.92 0.00 N | 41.51 2.48 0.00 N | 33.59 1.99 0.00 N | 59.67 4.07 0.00 N | 72.18 5.15 0.00 N | 67.79 4.97 0.00 N | 38.91 2.87 0.00 N | 59.89 4.46 0.00 N | 77.79 5.93 0.00 N | 93.03 7.30 0.00 N | 68.01 4.92 0.00 N | 53.79 3.98 0.00 N | 73.45 5.76 0.00 N | 84.90 6.85 0.00 N | 69.46 5.65 0.00 N | 82.98 6.73 0.00 N | 56.70 4.25 0.00 N | 61.01 4.37 0.00 N | 45.77 2.95 0.00 N | 33.40 1.93 0.00 N |
| E_FISHKILL___LBMP 23776 | 24.57 1.24 0.00 N | 35.58 1.61 0.00 N | 29.85 1.33 0.00 N | 29.57 1.30 0.00 N | 17.70 0.80 0.00 N | 41.29 2.26 0.00 N | 33.59 1.98 0.00 N | 59.50 3.90 0.00 N | 71.85 4.88 0.06 N | 67.16 4.62 0.28 N | 38.67 2.69 0.05 N | 59.52 4.17 0.08 N | 77.12 5.64 0.38 N | 91.98 6.74 0.49 N | 67.50 4.56 0.15 N | 53.48 3.71 0.03 N | 72.75 5.15 0.10 N | 83.89 6.06 0.21 N | 68.79 5.00 0.01 N | 82.07 5.94 0.11 N | 56.32 3.94 0.07 N | 60.57 3.98 0.05 N | 45.67 2.86 0.00 N | 33.33 1.87 0.00 N |
| FAR ROCKAWAY___4 23548 | 82.80 2.18 -57.29 N | 65.12 2.88 -28.28 N | 30.82 2.30 0.00 N | 30.49 2.21 0.00 N | 18.17 1.28 0.00 N | 66.25 3.66 -23.56 N | 85.05 3.28 -50.16 N | 87.29 6.22 -25.47 N | 87.88 7.72 -13.13 N | 89.54 7.39 -19.33 N | 90.12 4.28 -49.80 N | 91.19 6.69 -29.07 N | 92.40 8.83 -11.70 N | 95.41 10.21 0.53 N | 90.75 7.20 -20.46 N | 95.83 6.00 -40.04 N | 102.52 8.08 -26.74 N | 89.97 9.66 -2.27 N | 91.71 8.07 -19.83 N | 90.34 9.46 -4.64 N | 89.60 6.41 -30.74 N | 146.10 6.56 -82.90 N | 89.12 4.78 -41.53 N | 76.09 3.19 -41.43 N |
| FARRAGUT___LBMP 323566 | 24.73 1.40 0.00 N | 35.77 1.80 0.00 N | 30.00 1.48 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.89 2.29 0.00 N | 60.20 4.60 0.00 N | 72.79 5.83 0.06 N | 690.80 5.62 -622.36 N | 90.94 3.21 -51.69 N | 207.92 4.99 -147.50 N | 126.95 6.65 -48.44 N | 140.28 7.84 -46.71 N | 68.71 5.38 -0.24 N | 102.71 4.45 -48.45 N | 86.02 6.13 -12.20 N | 84.91 7.09 0.23 N | 69.60 5.81 0.02 N | 83.01 6.89 0.12 N | 57.05 4.64 0.04 N | 61.34 4.75 0.05 N | 46.19 3.38 0.00 N | 33.62 2.16 0.00 N |
| FENNER___WINDPWR 24204 | 23.28 -0.06 0.00 N | 33.79 -0.17 0.00 N | 28.44 -0.09 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 39.05 0.02 0.00 N | 31.69 0.09 0.00 N | 55.99 0.39 0.00 N | 67.57 0.54 0.00 N | 63.47 0.66 0.00 N | 36.48 0.45 0.00 N | 56.24 0.80 0.00 N | 72.92 1.06 0.00 N | 87.04 1.31 0.00 N | 63.90 0.81 0.00 N | 50.51 0.71 0.00 N | 68.95 1.25 0.00 N | 79.79 1.74 0.00 N | 65.15 1.35 0.00 N | 77.62 1.37 0.00 N | 53.28 0.83 0.00 N | 57.19 0.55 0.00 N | 43.00 0.19 0.00 N | 31.61 0.15 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 |
| FIBERTEK____ENERGY 23856 | 22.92 -0.42 0.00 N | 33.27 -0.70 0.00 N | 27.97 -0.55 0.00 N | 27.66 -0.62 0.00 N | 16.51 -0.39 0.00 N | 38.43 -0.61 0.00 N | 31.14 -0.47 0.00 N | 54.85 -0.75 0.00 N | 66.23 -0.85 -0.05 N | 62.40 -0.65 -0.24 N | 35.80 -0.28 -0.04 N | 55.06 -0.44 -0.07 N | 71.57 -0.61 -0.32 N | 85.43 -0.71 -0.41 N | 62.55 -0.66 -0.13 N | 49.39 -0.44 -0.03 N | 67.46 -0.32 -0.08 N | 78.12 -0.10 -0.18 N | 63.69 -0.12 -0.01 N | 75.96 -0.38 -0.10 N | 52.16 -0.34 -0.06 N | 56.05 -0.63 -0.04 N | 42.31 -0.50 0.00 N | 31.05 -0.42 0.00 N | |
| FITZPATRICK____ 23598 | 22.48 -0.85 0.00 N | 32.70 -1.27 0.00 N | 27.50 -1.03 0.00 N | 27.21 -1.07 0.00 N | 16.26 -0.64 0.00 N | 37.69 -1.34 0.00 N | 30.50 -1.11 0.00 N | 53.60 -2.01 0.00 N | 64.59 -2.44 0.00 N | 60.60 -2.22 0.00 N | 34.84 -1.20 0.00 N | 53.57 -1.86 0.00 N | 69.43 -2.43 0.00 N | 82.86 -2.87 0.00 N | 60.89 -2.20 0.00 N | 48.09 -1.72 0.00 N | 65.56 -2.14 0.00 N | 75.68 -2.36 0.00 N | 61.89 -1.91 0.00 N | 73.83 -2.42 0.00 N | 50.76 -1.69 0.00 N | 54.65 -1.99 0.00 N | 41.38 -1.44 0.00 N | 30.40 -1.07 0.00 N | |
| FORT ORANGE____ 23900 | 24.36 1.03 0.00 N | 35.35 1.38 0.00 N | 29.65 1.13 0.00 N | 29.36 1.08 0.00 N | 17.57 0.68 0.00 N | 40.85 1.82 0.00 N | 33.12 1.52 0.00 N | 58.60 3.00 0.00 N | 70.77 3.74 0.00 N | 66.24 3.42 0.00 N | 38.09 2.05 0.00 N | 58.63 3.20 0.00 N | 76.26 4.39 0.00 N | 91.13 5.39 0.00 N | 66.67 3.58 0.00 N | 52.62 2.82 0.00 N | 71.83 4.13 0.00 N | 82.99 4.95 0.00 N | 67.89 4.09 0.00 N | 81.06 4.82 0.00 N | 55.47 3.02 0.00 N | 59.66 3.02 0.00 N | 44.97 2.16 0.00 N | 32.92 1.45 0.00 N | |
| FORT_DRUM_COGEN 23780 | 22.67 -0.67 0.00 N | 32.87 -1.10 0.00 N | 27.59 -0.94 0.00 N | 27.32 -0.96 0.00 N | 16.34 -0.56 0.00 N | 37.88 -1.15 0.00 N | 30.77 -0.83 0.00 N | 54.25 -1.35 0.00 N | 65.47 -1.56 0.00 N | 61.61 -1.21 0.00 N | 35.40 -0.64 0.00 N | 54.48 -0.95 0.00 N | 70.80 -1.06 0.00 N | 84.54 -1.19 0.00 N | 62.10 -0.99 0.00 N | 49.07 -0.74 0.00 N | 66.97 -0.73 0.00 N | 77.54 -0.51 0.00 N | 63.06 -0.74 0.00 N | 74.94 -1.31 0.00 N | 51.50 -0.95 0.00 N | 55.32 -1.32 0.00 N | 41.66 -1.15 0.00 N | 30.56 -0.91 0.00 N | |
| FPL_FAR_ROCK_GT1 24212 | 82.80 2.18 -57.29 N | 65.12 2.88 -28.28 N | 30.82 2.30 0.00 N | 30.49 2.21 0.00 N | 18.17 1.28 0.00 N | 66.25 3.66 -23.56 N | 85.05 3.28 -50.16 N | 87.29 6.22 -25.47 N | 87.88 7.72 -13.13 N | 89.54 7.39 -19.33 N | 90.12 4.28 -49.80 N | 91.19 6.69 -29.07 N | 92.40 8.83 -11.70 N | 95.41 10.21 0.53 N | 90.75 7.20 -20.46 N | 95.83 6.00 -40.04 N | 102.52 8.08 -26.74 N | 89.97 9.66 -2.27 N | 91.71 8.07 -19.83 N | 90.34 9.46 -4.64 N | 89.60 6.41 -30.74 N | 146.10 6.56 -82.90 N | 89.12 4.78 -41.53 N | 76.09 3.19 -41.43 N | |
| FPL_FAR_ROCK_GT2 23815 | 82.80 2.18 -57.29 N | 65.12 2.88 -28.28 N | 30.82 2.30 0.00 N | 30.49 2.21 0.00 N | 18.17 1.28 0.00 N | 66.25 3.66 -23.56 N | 85.05 3.28 -50.16 N | 87.29 6.22 -25.47 N | 87.88 7.72 -13.13 N | 89.54 7.39 -19.33 N | 90.12 4.28 -49.80 N | 91.19 6.69 -29.07 N | 92.40 8.83 -11.70 N | 95.41 10.21 0.53 N | 90.75 7.20 -20.46 N | 95.83 6.00 -40.04 N | 102.52 8.08 -26.74 N | 89.97 9.66 -2.27 N | 91.71 8.07 -19.83 N | 90.34 9.46 -4.64 N | 89.60 6.41 -30.74 N | 146.10 6.56 -82.90 N | 89.12 4.78 -41.53 N | 76.09 3.19 -41.43 N | |
| FRANKLIN_FALL_HYD 24054 | 23.31 -0.03 0.00 N | 34.05 0.08 0.00 N | 28.59 0.06 0.00 N | 28.45 0.17 0.00 N | 16.94 0.04 0.00 N | 38.87 -0.16 0.00 N | 31.47 -0.13 0.00 N | 54.95 -0.65 0.00 N | 66.02 -1.01 0.00 N | 61.70 -1.12 0.00 N | 35.24 -0.80 0.00 N | 54.27 -1.17 0.00 N | 70.62 -1.24 0.00 N | 84.26 -1.47 0.00 N | 62.34 -0.74 0.00 N | 49.07 -0.74 0.00 N | 66.46 -1.23 0.00 N | 76.51 -1.54 0.00 N | 62.27 -1.54 0.00 N | 74.34 -1.91 0.00 N | 51.22 -1.23 0.00 N | 55.60 -1.04 0.00 N | 42.16 -0.66 0.00 N | 31.24 -0.22 0.00 N | |
| FREEPORT_EQUS_GT1 23764 | 82.74 2.11 -57.29 N | 65.07 2.82 -28.28 N | 30.79 2.27 0.00 N | 30.47 2.19 0.00 N | 18.16 1.27 0.00 N | 66.24 3.64 -23.56 N | 85.01 3.24 -50.16 N | 87.14 6.06 -25.47 N | 87.68 7.52 -13.13 N | 89.31 7.16 -19.33 N | 89.93 4.09 -49.80 N | 90.86 6.35 -29.07 N | 91.90 8.34 -11.70 N | 94.74 9.54 0.53 N | 90.34 6.79 -20.46 N | 95.57 5.72 -40.04 N | 101.80 7.36 -26.74 N | 89.07 8.75 -2.27 N | 90.99 7.36 -19.83 N | 89.45 8.56 -4.64 N | 89.03 5.84 -30.74 N | 145.56 6.01 -82.90 N | 88.94 4.59 -41.53 N | 75.99 3.09 -41.43 N | |
| FULTON COGEN____ 23766 | 22.70 -0.63 0.00 N | 32.98 -0.99 0.00 N | 27.72 -0.81 0.00 N | 27.40 -0.87 0.00 N | 16.38 -0.52 0.00 N | 38.05 -0.99 0.00 N | 30.83 -0.78 0.00 N | 54.26 -1.34 0.00 N | 65.47 -1.56 0.00 N | 61.50 -1.33 0.00 N | 35.37 -0.66 0.00 N | 54.40 -1.04 0.00 N | 70.48 -1.38 0.00 N | 84.14 -1.59 0.00 N | 61.79 -1.30 0.00 N | 48.83 -0.98 0.00 N | 66.62 -1.07 0.00 N | 77.04 -1.01 0.00 N | 62.95 -0.85 0.00 N | 75.03 -1.22 0.00 N | 51.54 -0.91 0.00 N | 55.44 -1.21 0.00 N | 41.90 -0.91 0.00 N | 30.74 -0.73 0.00 N | |
| Freeport____CT2 23818 | 82.74 2.11 -57.29 N | 65.07 2.82 -28.28 N | 30.79 2.27 0.00 N | 30.47 2.19 0.00 N | 18.16 1.27 0.00 N | 66.24 3.64 -23.56 N | 85.01 3.24 -50.16 N | 87.14 6.06 -25.47 N | 87.68 7.52 -13.13 N | 89.31 7.16 -19.33 N | 89.93 4.09 -49.80 N | 90.86 6.35 -29.07 N | 91.90 8.34 -11.70 N | 94.74 9.54 0.53 N | 90.34 6.79 -20.46 N | 95.57 5.72 -40.04 N | 101.80 7.36 -26.74 N | 89.07 8.75 -2.27 N | 90.99 7.36 -19.83 N | 89.45 8.56 -4.64 N | 89.03 5.84 -30.74 N | 145.56 6.01 -82.90 N | 88.94 4.59 -41.53 N | 75.99 3.09 -41.43 N | |
| G.F.CEMENT____DRP 24184 | 24.06 0.73 0.00 N | 34.88 0.91 0.00 N | 29.22 0.70 0.00 N | 29.00 0.72 0.00 N | 17.36 0.46 0.00 N | 40.45 1.42 0.00 N | 32.78 1.18 0.00 N | 57.84 2.23 0.00 N | 69.94 2.91 0.00 N | 65.31 2.49 0.00 N | 37.60 1.57 0.00 N | 57.97 2.54 0.00 N | 75.46 3.60 0.00 N | 90.29 4.56 0.00 N | 65.91 2.82 0.00 N | 51.89 2.08 0.00 N | 71.22 3.53 0.00 N | 82.54 4.49 0.00 N | 67.45 3.64 0.00 N | 80.46 4.22 0.00 N | 54.77 2.32 0.00 N | 58.85 2.20 0.00 N | 44.29 1.48 0.00 N | 32.44 0.98 0.00 N | |
| GARDENVILLE____LBMP 24039 | 20.59 -2.75 0.00 N | 30.11 -3.86 0.00 N | 25.57 -2.95 0.00 N | 25.10 -3.18 0.00 N | 14.96 -1.94 0.00 N | 35.16 -3.87 0.00 N | 28.14 -3.46 0.00 N | 48.40 -7.20 0.00 N | 54.02 -9.06 3.96 N | 35.78 -8.46 3.35 N | 28.15 -4.54 5.60 N | 42.64 -7.19 25.04 N | 37.44 -9.38 32.52 N | 42.14 -11.07 9.94 N | 44.82 -8.33 2.10 N | 41.18 -6.53 6.36 N | 53.24 -8.10 14.00 N | 55.14 -8.91 0.95 N | 55.71 -7.14 7.56 N | 59.61 -9.08 4.41 N | 41.84 -6.19 3.10 N | 46.27 -7.27 0.00 N | 38.18 -4.63 0.00 N | 28.28 -3.18 0.00 N | |
| GENERAL____MILLS 23808 | 20.66 -2.68 0.00 N | 30.21 -3.76 0.00 N | 25.66 -2.87 0.00 N | 25.17 -3.11 0.00 N | 15.01 -1.89 0.00 N | 35.28 -3.75 0.00 N | 28.22 -3.38 0.00 N | 48.51 -7.10 0.00 N | 54.23 -8.91 3.89 N | 36.27 -8.30 18.25 N | 28.29 -4.46 3.29 N | 42.89 -7.04 5.50 N | 38.09 -9.20 24.57 N | 42.97 -10.86 31.90 N | 45.15 -8.18 9.75 N | 41.35 -6.40 2.06 N | 53.53 -7.92 6.25 N | 55.57 -8.72 13.75 N | 55.90 -6.97 0.93 N | 59.92 -8.89 7.42 N | 42.07 -6.04 4.34 N | 46.49 -7.10 3.05 N | 38.32 -4.50 0.00 N | 28.38 -3.08 0.00 N | |
| GE_PLASTICS____DRP | 23.87 | 34.68 | 29.10 | 28.80 | 17.24 | 40.00 | 32.39 | 57.25 | 69.07 | 64.67 | 37.17 | 57.22 | 74.38 | 88.85 | 65.07 | 51.37 | 69.97 | 80.75 | 66.08 | 78.97 | 54.10 | 58.27 | 43.96 | 32.23 | |

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|--------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| 24183 | 0.54 0.00 N | 0.71 0.00 N | 0.58 0.00 N | 0.52 0.00 N | 0.34 0.00 N | 0.96 0.00 N | 0.78 0.00 N | 1.64 0.00 N | 2.04 0.00 N | 1.84 0.00 N | 1.13 0.00 N | 1.78 0.00 N | 2.52 0.00 N | 3.12 0.00 N | 1.98 0.00 N | 1.57 0.00 N | 2.27 0.00 N | 2.71 0.00 N | 2.28 0.00 N | 2.72 0.00 N | 1.65 0.00 N | 1.63 0.00 N | 1.15 0.00 N | 0.76 0.00 N |
| GILBOA___1 23756 | 24.10 0.77 0.00 N | 35.08 1.11 0.00 N | 29.44 0.92 0.00 N | 29.07 0.79 0.00 N | 17.43 0.53 0.00 N | 40.30 1.27 0.00 N | 32.59 0.98 0.00 N | 57.59 1.99 0.00 N | 69.32 2.37 0.07 N | 64.62 2.15 0.35 N | 37.34 1.36 0.06 N | 57.46 2.13 0.11 N | 74.32 2.94 0.47 N | 88.68 3.57 0.61 N | 65.21 2.31 0.19 N | 51.63 1.87 0.04 N | 70.04 2.46 0.12 N | 80.61 2.83 0.27 N | 66.19 2.41 0.02 N | 79.07 2.97 0.14 N | 54.29 1.93 0.08 N | 58.55 1.97 0.06 N | 44.23 1.41 0.00 N | 32.39 0.92 0.00 N |
| GILBOA___2 23757 | 24.10 0.77 0.00 N | 35.08 1.11 0.00 N | 29.44 0.92 0.00 N | 29.07 0.79 0.00 N | 17.43 0.53 0.00 N | 40.30 1.27 0.00 N | 32.59 0.98 0.00 N | 57.59 1.99 0.00 N | 69.32 2.37 0.07 N | 64.62 2.15 0.35 N | 37.34 1.36 0.06 N | 57.46 2.13 0.11 N | 74.32 2.94 0.47 N | 88.68 3.57 0.61 N | 65.21 2.31 0.19 N | 51.63 1.87 0.04 N | 70.04 2.46 0.12 N | 80.61 2.83 0.27 N | 66.19 2.41 0.02 N | 79.07 2.97 0.14 N | 54.29 1.93 0.08 N | 58.55 1.97 0.06 N | 44.23 1.41 0.00 N | 32.39 0.92 0.00 N |
| GILBOA___3 23758 | 24.10 0.77 0.00 N | 35.08 1.11 0.00 N | 29.44 0.92 0.00 N | 29.07 0.79 0.00 N | 17.43 0.53 0.00 N | 40.30 1.27 0.00 N | 32.59 0.98 0.00 N | 57.59 1.99 0.00 N | 69.32 2.37 0.07 N | 64.62 2.15 0.35 N | 37.34 1.36 0.06 N | 57.46 2.13 0.11 N | 74.32 2.94 0.47 N | 88.68 3.57 0.61 N | 65.21 2.31 0.19 N | 51.63 1.87 0.04 N | 70.04 2.46 0.12 N | 80.61 2.83 0.27 N | 66.19 2.41 0.02 N | 79.07 2.97 0.14 N | 54.29 1.93 0.08 N | 58.55 1.97 0.06 N | 44.23 1.41 0.00 N | 32.39 0.92 0.00 N |
| GILBOA___4 23759 | 24.10 0.77 0.00 N | 35.08 1.11 0.00 N | 29.44 0.92 0.00 N | 29.07 0.79 0.00 N | 17.43 0.53 0.00 N | 40.30 1.27 0.00 N | 32.59 0.98 0.00 N | 57.59 1.99 0.00 N | 69.32 2.37 0.07 N | 64.62 2.15 0.35 N | 37.34 1.36 0.06 N | 57.46 2.13 0.11 N | 74.32 2.94 0.47 N | 88.68 3.57 0.61 N | 65.21 2.31 0.19 N | 51.63 1.87 0.04 N | 70.04 2.46 0.12 N | 80.61 2.83 0.27 N | 66.19 2.41 0.02 N | 79.07 2.97 0.14 N | 54.29 1.93 0.08 N | 58.55 1.97 0.06 N | 44.23 1.41 0.00 N | 32.39 0.92 0.00 N |
| GILBOA____ 23599 | 24.10 0.77 0.00 N | 35.08 1.11 0.00 N | 29.44 0.92 0.00 N | 29.07 0.79 0.00 N | 17.43 0.53 0.00 N | 40.30 1.27 0.00 N | 32.59 0.98 0.00 N | 57.59 1.99 0.00 N | 69.32 2.37 0.07 N | 64.62 2.15 0.35 N | 37.34 1.36 0.06 N | 57.46 2.13 0.11 N | 74.32 2.94 0.47 N | 88.68 3.57 0.61 N | 65.21 2.31 0.19 N | 51.63 1.87 0.04 N | 70.04 2.46 0.12 N | 80.61 2.83 0.27 N | 66.19 2.41 0.02 N | 79.07 2.97 0.14 N | 54.29 1.93 0.08 N | 58.55 1.97 0.06 N | 44.23 1.41 0.00 N | 32.39 0.92 0.00 N |
| GINNA____ 23603 | 21.06 -2.27 0.00 N | 30.70 -3.27 0.00 N | 25.89 -2.63 0.00 N | 25.56 -2.73 0.00 N | 15.25 -1.65 0.00 N | 35.62 -3.41 0.00 N | 28.77 -2.83 0.00 N | 50.10 -5.50 0.00 N | 60.74 -6.62 -0.33 N | 58.18 -6.17 -1.52 N | 33.08 -3.23 -0.27 N | 50.76 -5.13 -0.46 N | 67.11 -6.80 -2.05 N | 80.28 -8.12 -2.66 N | 57.90 -6.00 -0.82 N | 45.31 -4.67 -0.17 N | 62.57 -5.65 -0.52 N | 72.90 -6.30 -1.15 N | 58.81 -5.08 -0.08 N | 70.29 -6.57 -0.62 N | 48.31 -4.50 -0.36 N | 51.54 -5.36 -0.25 N | 39.16 -3.65 0.00 N | 28.78 -2.68 0.00 N |
| GLEN PARK____ 23778 | 22.78 -0.55 0.00 N | 32.99 -0.97 0.00 N | 27.70 -0.82 0.00 N | 27.42 -0.86 0.00 N | 16.41 -0.49 0.00 N | 38.04 -0.99 0.00 N | 30.91 -0.70 0.00 N | 54.57 -1.03 0.00 N | 65.88 -1.15 0.00 N | 62.08 -0.74 0.00 N | 35.68 -0.36 0.00 N | 54.90 -0.53 0.00 N | 71.30 -0.57 0.00 N | 85.12 -0.61 0.00 N | 62.48 -0.60 0.00 N | 49.38 -0.42 0.00 N | 67.43 -0.26 0.00 N | 78.16 0.11 0.00 N | 63.58 -0.23 0.00 N | 75.54 -0.70 0.00 N | 51.92 -0.53 0.00 N | 55.72 -0.92 0.00 N | 41.92 -0.89 0.00 N | 30.70 -0.76 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 82.42 1.79 -57.29 N | 64.61 2.37 -28.28 N | 30.44 1.91 0.00 N | 30.13 1.85 0.00 N | 17.99 1.09 0.00 N | 65.74 3.14 -23.56 N | 84.57 2.80 -50.16 N | 86.47 5.39 -25.47 N | 86.88 6.72 -13.13 N | 88.57 6.42 -19.33 N | 89.55 3.71 -49.80 N | 90.26 5.76 -29.07 N | 91.21 7.65 -11.70 N | 94.09 8.89 0.53 N | 89.75 6.21 -20.46 N | 95.01 5.17 -40.04 N | 101.44 7.00 -26.74 N | 88.18 7.87 -2.27 N | 90.14 6.50 -19.83 N | 88.57 7.69 -4.64 N | 88.63 5.44 -30.74 N | 145.10 5.55 -82.90 N | 88.39 4.05 -41.53 N | 75.57 2.67 -41.43 N |
| GLENWOOD_IC_2_G1 23688 | 82.24 1.62 -57.29 N | 64.36 2.12 -28.28 N | 30.25 1.72 0.00 N | 29.95 1.67 0.00 N | 17.88 0.98 0.00 N | 65.45 2.86 -23.56 N | 84.32 2.56 -50.16 N | 86.03 4.95 -25.47 N | 86.34 6.18 -13.13 N | 88.05 5.90 -19.33 N | 89.24 3.40 -49.80 N | 89.78 5.28 -29.07 N | 90.60 7.04 -11.70 N | 93.41 8.21 0.53 N | 89.24 5.69 -20.46 N | 94.57 4.73 -40.04 N | 100.87 6.43 -26.74 N | 87.85 7.53 -2.27 N | 89.87 6.24 -19.83 N | 88.24 7.36 -4.64 N | 88.18 4.99 -30.74 N | 144.62 5.08 -82.90 N | 88.02 3.68 -41.53 N | 75.32 2.42 -41.43 N |
| GLENWOOD_IC_3_G1 23689 | 82.24 1.62 -57.29 N | 64.36 2.12 -28.28 N | 30.25 1.72 0.00 N | 29.95 1.67 0.00 N | 17.88 0.98 0.00 N | 65.45 2.86 -23.56 N | 84.32 2.56 -50.16 N | 86.03 4.95 -25.47 N | 86.34 6.18 -13.13 N | 88.05 5.90 -19.33 N | 89.24 3.40 -49.80 N | 89.78 5.28 -29.07 N | 90.60 7.04 -11.70 N | 93.41 8.21 0.53 N | 89.24 5.69 -20.46 N | 94.57 4.73 -40.04 N | 100.87 6.43 -26.74 N | 87.85 7.53 -2.27 N | 89.87 6.24 -19.83 N | 88.24 7.36 -4.64 N | 88.18 4.99 -30.74 N | 144.62 5.08 -82.90 N | 88.02 3.68 -41.53 N | 75.32 2.42 -41.43 N |
| GLENWOOD___4 23550 | 82.42 1.79 -57.29 N | 64.61 2.37 -28.28 N | 30.44 1.92 0.00 N | 30.13 1.85 0.00 N | 17.99 1.09 0.00 N | 65.74 3.14 -23.56 N | 84.58 2.81 -50.16 N | 86.47 5.39 -25.47 N | 86.88 6.72 -13.13 N | 88.57 6.42 -19.33 N | 89.55 3.71 -49.80 N | 90.26 5.76 -29.07 N | 91.21 7.65 -11.70 N | 94.09 8.89 0.53 N | 89.75 6.21 -20.46 N | 95.01 5.17 -40.04 N | 101.44 7.00 -26.74 N | 88.33 8.01 -2.27 N | 90.27 6.63 -19.83 N | 88.69 7.80 -4.64 N | 88.63 5.44 -30.74 N | 145.10 5.55 -82.90 N | 88.39 4.05 -41.53 N | 75.58 2.68 -41.43 N |
| GLENWOOD___5 23614 | 82.42 1.79 -57.29 N | 64.61 2.37 -28.28 N | 30.44 1.92 0.00 N | 30.13 1.85 0.00 N | 17.99 1.09 0.00 N | 65.74 3.14 -23.56 N | 84.58 2.81 -50.16 N | 86.47 5.39 -25.47 N | 86.88 6.72 -13.13 N | 88.57 6.42 -19.33 N | 89.55 3.71 -49.80 N | 90.26 5.76 -29.07 N | 91.21 7.65 -11.70 N | 94.09 8.89 0.53 N | 89.75 6.21 -20.46 N | 95.01 5.17 -40.04 N | 101.44 7.00 -26.74 N | 88.33 8.01 -2.27 N | 90.27 6.63 -19.83 N | 88.69 7.80 -4.64 N | 88.63 5.44 -30.74 N | 145.10 5.55 -82.90 N | 88.39 4.05 -41.53 N | 75.58 2.68 -41.43 N |
| GLOBAL GREEN_PORT_GT1 23814 | 83.52 2.89 -57.29 N | 66.12 3.87 -28.28 N | 31.66 3.13 0.00 N | 31.28 3.00 0.00 N | 18.63 1.74 0.00 N | 67.56 4.97 -23.56 N | 86.00 4.24 -50.16 N | 88.65 7.57 -25.47 N | 89.23 9.06 -13.13 N | 90.70 8.55 -19.33 N | 90.67 4.83 -49.80 N | 91.99 7.49 -29.07 N | 93.26 9.69 -11.70 N | 96.00 10.80 0.53 N | 91.46 7.91 -20.46 N | 96.70 6.86 -40.04 N | 103.56 9.12 -26.74 N | 91.31 10.99 -2.27 N | 92.95 9.32 -19.83 N | 91.67 10.79 -4.64 N | 90.64 7.45 -30.74 N | 147.28 7.73 -82.90 N | 90.17 5.82 -41.53 N | 76.94 4.04 -41.43 N |

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| GOETHSLN___LBMP 323567 | 24.66 1.32 0.00 N | 35.65 1.68 0.00 N | 29.90 1.37 0.00 N | 29.63 1.35 0.00 N | 17.71 0.81 0.00 N | 41.44 2.41 0.00 N | 33.80 2.19 0.00 N | 60.01 4.40 0.00 N | 72.58 5.62 0.06 N | 690.60 5.42 -622.36 N | 90.82 3.10 -51.69 N | 207.75 4.81 -147.50 N | 126.77 6.47 -48.44 N | 140.04 7.60 -46.71 N | 68.53 5.20 -0.24 N | 102.57 4.31 -48.45 N | 85.83 5.93 -12.20 N | 84.68 6.86 0.23 N | 69.43 5.64 0.02 N | 82.80 6.68 0.12 N | 56.92 4.52 0.04 N | 61.19 4.60 0.05 N | 46.07 3.25 0.00 N | 33.52 2.06 0.00 N |
| GOUDEY___7 23579 | 22.68 -0.65 0.00 N | 33.01 -0.96 0.00 N | 27.83 -0.69 0.00 N | 27.40 -0.88 0.00 N | 16.36 -0.54 0.00 N | 38.34 -0.69 0.00 N | 31.07 -0.53 0.00 N | 54.86 -0.74 0.00 N | 65.44 -1.12 0.47 N | 59.61 -0.98 2.23 N | 35.08 -0.55 0.40 N | 53.99 -0.77 0.67 N | 67.73 -1.13 3.00 N | 80.53 -1.31 3.90 N | 60.49 -1.40 1.19 N | 48.77 -0.79 0.25 N | 66.06 -0.87 0.76 N | 75.56 -0.81 1.68 N | 62.93 -0.76 0.11 N | 74.26 -1.08 0.91 N | 51.09 -0.83 0.53 N | 55.16 -1.11 0.37 N | 41.92 -0.89 0.00 N | 30.81 -0.65 0.00 N |
| GOUDEY___8 23580 | 22.70 -0.64 0.00 N | 33.03 -0.94 0.00 N | 27.84 -0.68 0.00 N | 27.42 -0.86 0.00 N | 16.38 -0.52 0.00 N | 38.36 -0.67 0.00 N | 31.08 -0.52 0.00 N | 54.90 -0.70 0.00 N | 65.48 -1.08 0.47 N | 59.65 -0.94 2.23 N | 35.09 -0.55 0.40 N | 54.00 -0.77 0.67 N | 67.80 -1.06 3.00 N | 80.71 -1.13 3.90 N | 60.61 -1.29 1.19 N | 48.81 -0.75 0.25 N | 66.10 -0.84 0.76 N | 75.72 -0.65 1.68 N | 63.03 -0.66 0.11 N | 74.40 -0.94 0.91 N | 51.13 -0.79 0.53 N | 55.17 -1.11 0.37 N | 41.94 -0.88 0.00 N | 30.82 -0.64 0.00 N |
| GOWANUS_GT1_1 24077 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_2 24078 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_3 24079 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_4 24080 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_5 24084 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_6 24111 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_7 24112 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT1_8 24113 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT2_1 24114 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT2_2 24115 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT2_3 24116 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |

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|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 24130 | 1.44 -191.05 N | 1.84 -48.73 N | 1.46 -60.81 N | 1.43 -66.30 N | 0.85 -78.24 N | 2.55 -53.59 N | 2.29 -135.85 N | 4.57 -141.73 N | 5.83 -148.85 N | 5.62 -674.35 N | 3.30 -69.63 N | 5.07 -147.50 N | 6.61 -48.44 N | 7.81 -46.71 N | 5.49 -29.85 N | 4.55 -53.89 N | 6.17 -43.62 N | 7.08 -32.22 N | 5.88 -54.73 N | 7.05 -118.95 N | 4.79 -70.45 N | 4.85 -41.85 N | 3.49 -47.48 N | 2.22 -46.63 N |
| GOWANUS_GT4_2 24131 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_3 24132 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_4 24133 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_5 24134 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_6 24135 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_7 24136 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GOWANUS_GT4_8 24137 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.97 3.30 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.32 2.22 -46.63 N |
| GRAHMSVILLE___HY 23607 | 23.87 0.54 0.00 N | 34.58 0.61 0.00 N | 29.03 0.50 0.00 N | 28.74 0.46 0.00 N | 17.19 0.29 0.00 N | 40.05 1.02 0.00 N | 32.57 0.97 0.00 N | 57.69 2.08 0.00 N | 69.67 2.71 0.07 N | 65.15 2.66 0.33 N | 37.55 1.57 0.06 N | 57.78 2.44 0.10 N | 74.71 3.30 0.44 N | 89.14 3.99 0.57 N | 65.53 2.61 0.17 N | 51.93 2.16 0.04 N | 70.68 3.09 0.11 N | 81.51 3.71 0.25 N | 66.84 3.05 0.02 N | 79.68 3.57 0.13 N | 54.70 2.33 0.08 N | 58.85 2.26 0.06 N | 44.31 1.50 0.00 N | 32.34 0.87 0.00 N |
| GREENIDGE___3 23582 | 21.49 -1.85 0.00 N | 31.23 -2.74 0.00 N | 26.44 -2.08 0.00 N | 26.11 -2.17 0.00 N | 15.51 -1.39 0.00 N | 36.35 -2.69 0.00 N | 29.42 -2.18 0.00 N | 51.50 -4.10 0.00 N | 61.87 -5.08 0.09 N | 57.84 -4.56 0.42 N | 33.53 -2.43 0.08 N | 51.39 -3.92 0.13 N | 66.15 -5.15 0.57 N | 78.81 -6.19 0.74 N | 57.98 -4.88 0.22 N | 46.15 -3.61 0.05 N | 63.21 -4.35 0.14 N | 73.07 -4.66 0.32 N | 59.87 -3.92 0.02 N | 71.02 -5.05 0.17 N | 49.02 -3.32 0.10 N | 52.36 -4.21 0.07 N | 39.78 -3.04 0.00 N | 29.28 -2.19 0.00 N |
| GREENIDGE___4 23583 | 21.49 -1.85 0.00 N | 31.23 -2.74 0.00 N | 26.44 -2.08 0.00 N | 26.11 -2.17 0.00 N | 15.51 -1.39 0.00 N | 36.35 -2.69 0.00 N | 29.42 -2.18 0.00 N | 51.50 -4.10 0.00 N | 61.87 -5.08 0.09 N | 57.84 -4.56 0.42 N | 33.53 -2.43 0.08 N | 51.39 -3.92 0.13 N | 66.15 -5.15 0.57 N | 78.81 -6.19 0.74 N | 57.98 -4.88 0.22 N | 46.15 -3.61 0.05 N | 63.21 -4.35 0.14 N | 73.07 -4.66 0.32 N | 59.87 -3.92 0.02 N | 71.02 -5.05 0.17 N | 49.02 -3.32 0.10 N | 52.36 -4.21 0.07 N | 39.78 -3.04 0.00 N | 29.28 -2.19 0.00 N |
| HARZA MOOSE___RIVER 24016 | 23.41 0.08 0.00 N | 33.99 0.03 0.00 N | 28.56 0.03 0.00 N | 28.30 0.02 0.00 N | 16.90 0.00 0.00 N | 39.19 0.16 0.00 N | 31.80 0.20 0.00 N | 56.08 0.48 0.00 N | 67.67 0.64 0.00 N | 63.52 0.70 0.00 N | 36.48 0.44 0.00 N | 56.15 0.72 0.00 N | 72.91 1.04 0.00 N | 87.03 1.29 0.00 N | 63.92 0.83 0.00 N | 50.53 0.72 0.00 N | 68.89 1.19 0.00 N | 79.65 1.61 0.00 N | 64.95 1.14 0.00 N | 77.40 1.16 0.00 N | 53.14 0.69 0.00 N | 57.16 0.52 0.00 N | 43.07 0.26 0.00 N | 31.63 0.17 0.00 N |
| HEMPSTEAD___ 23647 | 82.50 1.88 -57.29 N | 64.73 2.48 -28.28 N | 30.53 2.00 0.00 N | 30.21 1.93 0.00 N | 18.02 1.12 0.00 N | 65.85 3.26 -23.56 N | 84.68 2.91 -50.16 N | 86.59 5.51 -25.47 N | 86.99 6.82 -13.13 N | 88.65 6.50 -19.33 N | 89.57 3.73 -49.80 N | 90.30 5.80 -29.07 N | 91.21 7.65 -11.70 N | 93.97 8.77 0.53 N | 89.76 6.21 -20.46 N | 95.07 5.23 -40.04 N | 101.33 6.88 -26.74 N | 88.41 8.09 -2.27 N | 90.42 6.78 -19.83 N | 88.80 7.92 -4.64 N | 88.64 5.45 -30.74 N | 145.11 5.57 -82.90 N | 88.50 4.16 -41.53 N | 75.67 2.77 -41.43 N |
| HICKLING___1 23621 | 22.20 -1.14 0.00 N | 32.19 -1.78 0.00 N | 27.24 -1.29 0.00 N | 26.73 -1.55 0.00 N | 15.94 -0.96 0.00 N | 37.70 -1.34 0.00 N | 30.52 -1.08 0.00 N | 53.97 -1.63 0.00 N | 64.40 -2.17 0.45 N | 58.80 -1.89 2.14 N | 34.45 -1.20 0.38 N | 53.06 -1.74 0.64 N | 66.75 -2.23 2.87 N | 79.75 -2.25 3.73 N | 59.56 -2.39 1.14 N | 47.99 -1.58 0.24 N | 65.30 -1.66 0.73 N | 75.28 -1.15 1.61 N | 62.43 -1.26 0.11 N | 73.55 -1.83 0.87 N | 50.42 -1.52 0.51 N | 54.12 -2.17 0.36 N | 41.09 -1.73 0.00 N | 30.24 -1.23 0.00 N |

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|---------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| HICKLING___2 23622 | 22.20 -1.13 0.00 N | 32.19 -1.77 0.00 N | 27.25 -1.28 0.00 N | 26.73 -1.55 0.00 N | 15.94 -0.95 0.00 N | 37.70 -1.33 0.00 N | 30.53 -1.07 0.00 N | 53.99 -1.62 0.00 N | 64.42 -2.16 0.45 N | 58.84 -1.85 2.14 N | 34.47 -1.19 0.38 N | 53.07 -1.72 0.64 N | 66.80 -2.19 2.87 N | 79.77 -2.23 3.73 N | 59.56 -2.39 1.14 N | 47.99 -1.57 0.24 N | 65.32 -1.65 0.73 N | 75.31 -1.13 1.61 N | 62.45 -1.25 0.11 N | 73.58 -1.80 0.87 N | 50.42 -1.52 0.51 N | 54.13 -2.16 0.36 N | 41.09 -1.72 0.00 N | 30.24 -1.22 0.00 N |
| HIGH FALLS___HY 23754 | 24.63 1.30 0.00 N | 35.64 1.67 0.00 N | 29.91 1.38 0.00 N | 29.61 1.33 0.00 N | 17.72 0.82 0.00 N | 41.36 2.32 0.00 N | 33.66 2.06 0.00 N | 59.67 4.07 0.00 N | 72.15 5.18 0.06 N | 67.53 4.99 0.28 N | 38.92 2.93 0.05 N | 59.88 4.53 0.08 N | 77.55 6.07 0.38 N | 92.56 7.32 0.49 N | 67.92 4.98 0.15 N | 53.82 4.05 0.03 N | 73.29 5.69 0.10 N | 84.58 6.74 0.21 N | 69.31 5.52 0.01 N | 82.62 6.49 0.11 N | 56.69 4.31 0.07 N | 60.91 4.31 0.05 N | 45.82 3.01 0.00 N | 33.40 1.93 0.00 N |
| HILLBURN___GT 23639 | 24.56 1.22 0.00 N | 35.50 1.53 0.00 N | 29.78 1.25 0.00 N | 29.52 1.24 0.00 N | 17.66 0.76 0.00 N | 41.28 2.25 0.00 N | 33.63 2.03 0.00 N | 59.62 4.02 0.00 N | 72.02 5.05 0.06 N | 67.35 4.83 0.30 N | 38.80 2.82 0.06 N | 59.70 4.36 0.09 N | 77.33 5.88 0.41 N | 92.25 7.05 0.53 N | 67.69 4.77 0.16 N | 53.67 3.90 0.04 N | 73.04 5.45 0.10 N | 84.27 6.45 0.23 N | 69.10 5.31 0.02 N | 82.40 6.28 0.12 N | 56.58 4.20 0.07 N | 60.80 4.21 0.05 N | 45.80 2.99 0.00 N | 33.36 1.90 0.00 N |
| HOLTSVILLE_IC_1 23690 | 82.73 2.11 -57.29 N | 65.10 2.85 -28.28 N | 30.83 2.31 0.00 N | 30.48 2.20 0.00 N | 18.16 1.26 0.00 N | 66.31 3.71 -23.56 N | 84.95 3.19 -50.16 N | 86.72 5.64 -25.47 N | 86.93 6.76 -13.13 N | 88.40 6.25 -19.33 N | 89.33 3.49 -49.80 N | 89.89 5.39 -29.07 N | 90.56 6.99 -11.70 N | 92.75 7.55 0.53 N | 89.13 5.59 -20.46 N | 94.84 5.00 -40.04 N | 100.81 6.37 -26.74 N | 87.79 7.47 -2.27 N | 90.09 6.46 -19.83 N | 88.38 7.50 -4.64 N | 88.48 5.29 -30.74 N | 145.05 5.51 -82.90 N | 88.58 4.24 -41.53 N | 75.81 2.91 -41.43 N |
| HOLTSVILLE_IC_10 23699 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.52 3.92 -23.56 N | 85.14 3.38 -50.16 N | 87.09 6.02 -25.47 N | 87.36 7.20 -13.13 N | 88.85 6.70 -19.33 N | 89.57 3.73 -49.80 N | 90.26 5.76 -29.07 N | 91.02 7.46 -11.70 N | 93.28 8.07 0.53 N | 89.54 5.99 -20.46 N | 95.19 5.35 -40.04 N | 101.29 6.84 -26.74 N | 88.34 8.02 -2.27 N | 90.54 6.91 -19.83 N | 88.90 8.01 -4.64 N | 88.88 5.69 -30.74 N | 145.46 5.91 -82.90 N | 88.86 4.51 -41.53 N | 76.01 3.11 -41.43 N |
| HOLTSVILLE_IC_2 23691 | 82.73 2.11 -57.29 N | 65.10 2.85 -28.28 N | 30.83 2.31 0.00 N | 30.48 2.20 0.00 N | 18.16 1.26 0.00 N | 66.31 3.71 -23.56 N | 84.95 3.19 -50.16 N | 86.72 5.64 -25.47 N | 86.93 6.76 -13.13 N | 88.40 6.25 -19.33 N | 89.33 3.49 -49.80 N | 89.89 5.39 -29.07 N | 90.56 6.99 -11.70 N | 92.75 7.55 0.53 N | 89.13 5.59 -20.46 N | 94.84 5.00 -40.04 N | 100.81 6.37 -26.74 N | 87.79 7.47 -2.27 N | 90.09 6.46 -19.83 N | 88.38 7.50 -4.64 N | 88.48 5.29 -30.74 N | 145.05 5.51 -82.90 N | 88.58 4.24 -41.53 N | 75.81 2.91 -41.43 N |
| HOLTSVILLE_IC_3 23692 | 82.73 2.11 -57.29 N | 65.10 2.85 -28.28 N | 30.83 2.31 0.00 N | 30.48 2.20 0.00 N | 18.16 1.26 0.00 N | 66.31 3.71 -23.56 N | 84.95 3.19 -50.16 N | 86.72 5.64 -25.47 N | 86.93 6.76 -13.13 N | 88.40 6.25 -19.33 N | 89.33 3.49 -49.80 N | 89.89 5.39 -29.07 N | 90.56 6.99 -11.70 N | 92.75 7.55 0.53 N | 89.13 5.59 -20.46 N | 94.84 5.00 -40.04 N | 100.81 6.37 -26.74 N | 87.79 7.47 -2.27 N | 90.09 6.46 -19.83 N | 88.38 7.50 -4.64 N | 88.48 5.29 -30.74 N | 145.05 5.51 -82.90 N | 88.58 4.24 -41.53 N | 75.81 2.91 -41.43 N |
| HOLTSVILLE_IC_4 23693 | 82.73 2.11 -57.29 N | 65.10 2.85 -28.28 N | 30.83 2.31 0.00 N | 30.48 2.20 0.00 N | 18.16 1.26 0.00 N | 66.31 3.71 -23.56 N | 84.95 3.19 -50.16 N | 86.72 5.64 -25.47 N | 86.93 6.76 -13.13 N | 88.40 6.25 -19.33 N | 89.33 3.49 -49.80 N | 89.89 5.39 -29.07 N | 90.56 6.99 -11.70 N | 92.75 7.55 0.53 N | 89.13 5.59 -20.46 N | 94.84 5.00 -40.04 N | 100.81 6.37 -26.74 N | 87.79 7.47 -2.27 N | 90.09 6.46 -19.83 N | 88.38 7.50 -4.64 N | 88.48 5.29 -30.74 N | 145.05 5.51 -82.90 N | 88.58 4.24 -41.53 N | 75.81 2.91 -41.43 N |
| HOLTSVILLE_IC_5 23694 | 82.73 2.11 -57.29 N | 65.10 2.85 -28.28 N | 30.83 2.31 0.00 N | 30.48 2.20 0.00 N | 18.16 1.26 0.00 N | 66.31 3.71 -23.56 N | 84.95 3.19 -50.16 N | 86.72 5.64 -25.47 N | 86.93 6.76 -13.13 N | 88.40 6.25 -19.33 N | 89.33 3.49 -49.80 N | 89.89 5.39 -29.07 N | 90.56 6.99 -11.70 N | 92.75 7.55 0.53 N | 89.13 5.59 -20.46 N | 94.84 5.00 -40.04 N | 100.81 6.37 -26.74 N | 87.79 7.47 -2.27 N | 90.09 6.46 -19.83 N | 88.38 7.50 -4.64 N | 88.48 5.29 -30.74 N | 145.05 5.51 -82.90 N | 88.58 4.24 -41.53 N | 75.81 2.91 -41.43 N |
| HOLTSVILLE_IC_6 23695 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.52 3.92 -23.56 N | 85.14 3.38 -50.16 N | 87.09 6.02 -25.47 N | 87.36 7.20 -13.13 N | 88.85 6.70 -19.33 N | 89.57 3.73 -49.80 N | 90.26 5.76 -29.07 N | 91.02 7.46 -11.70 N | 93.28 8.07 0.53 N | 89.54 5.99 -20.46 N | 95.19 5.35 -40.04 N | 101.29 6.84 -26.74 N | 88.34 8.02 -2.27 N | 90.54 6.91 -19.83 N | 88.90 8.01 -4.64 N | 88.88 5.69 -30.74 N | 145.46 5.91 -82.90 N | 88.86 4.51 -41.53 N | 76.01 3.11 -41.43 N |
| HOLTSVILLE_IC_7 23696 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.52 3.92 -23.56 N | 85.14 3.38 -50.16 N | 87.09 6.02 -25.47 N | 87.36 7.20 -13.13 N | 88.85 6.70 -19.33 N | 89.57 3.73 -49.80 N | 90.26 5.76 -29.07 N | 91.02 7.46 -11.70 N | 93.28 8.07 0.53 N | 89.54 5.99 -20.46 N | 95.19 5.35 -40.04 N | 101.29 6.84 -26.74 N | 88.34 8.02 -2.27 N | 90.54 6.91 -19.83 N | 88.90 8.01 -4.64 N | 88.88 5.69 -30.74 N | 145.46 5.91 -82.90 N | 88.86 4.51 -41.53 N | 76.01 3.11 -41.43 N |
| HOLTSVILLE_IC_8 23697 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.52 3.92 -23.56 N | 85.14 3.38 -50.16 N | 87.09 6.02 -25.47 N | 87.36 7.20 -13.13 N | 88.85 6.70 -19.33 N | 89.57 3.73 -49.80 N | 90.26 5.76 -29.07 N | 91.02 7.46 -11.70 N | 93.28 8.07 0.53 N | 89.54 5.99 -20.46 N | 95.19 5.35 -40.04 N | 101.29 6.84 -26.74 N | 88.34 8.02 -2.27 N | 90.54 6.91 -19.83 N | 88.90 8.01 -4.64 N | 88.88 5.69 -30.74 N | 145.46 5.91 -82.90 N | 88.86 4.51 -41.53 N | 76.01 3.11 -41.43 N |
| HOLTSVILLE_IC_9 23698 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.52 3.92 -23.56 N | 85.14 3.38 -50.16 N | 87.09 6.02 -25.47 N | 87.36 7.20 -13.13 N | 88.85 6.70 -19.33 N | 89.57 3.73 -49.80 N | 90.26 5.76 -29.07 N | 91.02 7.46 -11.70 N | 93.28 8.07 0.53 N | 89.54 5.99 -20.46 N | 95.19 5.35 -40.04 N | 101.29 6.84 -26.74 N | 88.34 8.02 -2.27 N | 90.54 6.91 -19.83 N | 88.90 8.01 -4.64 N | 88.88 5.69 -30.74 N | 145.46 5.91 -82.90 N | 88.86 4.51 -41.53 N | 76.01 3.11 -41.43 N |
| HQ_GEN_CEDARS 23644 | 24.05 0.72 0.00 N | 35.06 1.09 0.00 N | 29.45 0.92 0.00 N | 29.28 1.00 0.00 N | 17.47 0.57 0.00 N | 40.13 1.09 0.00 N | 32.49 0.89 0.00 N | 56.69 1.09 0.00 N | 68.21 1.18 0.00 N | 63.71 0.89 0.00 N | 36.39 0.36 0.00 N | 56.05 0.61 0.00 N | 72.93 1.07 0.00 N | 86.98 1.24 0.00 N | 64.36 1.27 0.00 N | 50.70 0.89 0.00 N | 68.68 0.98 0.00 N | 79.12 1.08 0.00 N | 64.34 0.54 0.00 N | 76.77 0.52 0.00 N | 52.92 0.48 0.00 N | 57.42 0.78 0.00 N | 43.54 0.73 0.00 N | 32.26 0.80 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 |
| HQ_GEN_CHAT DC 23651 | 23.35 0.02 0.00 N | 34.09 0.12 0.00 N | 28.62 0.09 0.00 N | 28.45 0.18 0.00 N | 47.42 0.09 -3.37 N | 38.93 -0.10 0.00 N | 31.50 -0.11 0.00 N | 55.19 -0.41 0.00 N | 66.45 -0.58 0.00 N | 62.23 -0.59 0.00 N | 35.57 -0.46 0.00 N | 54.72 -0.71 0.00 N | 61.01 -1.06 0.00 N | 84.43 -1.30 0.00 N | 62.47 -0.61 0.00 N | 49.25 -0.55 0.00 N | 66.66 -1.04 0.00 N | 76.66 -1.39 0.00 N | 62.65 -1.16 0.00 N | 77.54 -1.29 1.44 N | 51.74 -0.71 0.00 N | 56.17 -0.47 0.00 N | 42.51 -0.31 0.00 N | 31.37 -0.09 0.00 N | |
| HUDSON AVE_GT_3 23810 | 24.77 1.44 0.00 N | 35.81 1.85 0.00 N | 30.03 1.51 0.00 N | 29.75 1.47 0.00 N | 17.79 0.89 0.00 N | 41.60 2.57 0.00 N | 33.93 2.33 0.00 N | 60.27 4.66 0.00 N | 72.90 5.93 0.06 N | 690.91 5.73 -622.36 N | 91.00 3.27 -51.69 N | 208.02 5.09 -147.50 N | 127.07 6.77 -48.44 N | 140.43 7.99 -46.71 N | 68.80 5.47 -0.24 N | 102.79 4.53 -48.45 N | 86.14 6.24 -12.20 N | 85.04 7.22 0.23 N | 69.70 5.91 0.02 N | 83.14 7.02 0.12 N | 57.13 4.73 0.04 N | 61.43 4.84 0.05 N | 46.26 3.45 0.00 N | 33.67 2.21 0.00 N | |
| HUDSON AVE_GT_4 23540 | 24.77 1.44 0.00 N | 35.81 1.85 0.00 N | 30.03 1.51 0.00 N | 29.75 1.47 0.00 N | 17.79 0.89 0.00 N | 41.60 2.57 0.00 N | 33.93 2.33 0.00 N | 60.27 4.66 0.00 N | 72.90 5.93 0.06 N | 690.91 5.73 -622.36 N | 91.00 3.27 -51.69 N | 208.02 5.09 -147.50 N | 127.07 6.77 -48.44 N | 140.43 7.99 -46.71 N | 68.80 5.47 -0.24 N | 102.79 4.53 -48.45 N | 86.14 6.24 -12.20 N | 85.04 7.22 0.23 N | 69.70 5.91 0.02 N | 83.14 7.02 0.12 N | 57.13 4.73 0.04 N | 61.43 4.84 0.05 N | 46.26 3.45 0.00 N | 33.67 2.21 0.00 N | |
| HUDSON AVE_GT_5 23657 | 24.77 1.44 0.00 N | 35.81 1.85 0.00 N | 30.03 1.51 0.00 N | 29.75 1.47 0.00 N | 17.79 0.89 0.00 N | 41.60 2.57 0.00 N | 33.93 2.33 0.00 N | 60.27 4.66 0.00 N | 72.90 5.93 0.06 N | 690.91 5.73 -622.36 N | 91.00 3.27 -51.69 N | 208.02 5.09 -147.50 N | 127.07 6.77 -48.44 N | 140.43 7.99 -46.71 N | 68.80 5.47 -0.24 N | 102.79 4.53 -48.45 N | 86.14 6.24 -12.20 N | 85.04 7.22 0.23 N | 69.70 5.91 0.02 N | 83.14 7.02 0.12 N | 57.13 4.73 0.04 N | 61.43 4.84 0.05 N | 46.26 3.45 0.00 N | 33.67 2.21 0.00 N | |
| HUDSON_AVE_10 24168 | 24.73 1.39 0.00 N | 35.75 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.76 0.86 0.00 N | 41.54 2.51 0.00 N | 33.88 2.27 0.00 N | 60.22 4.61 0.00 N | 72.82 5.86 0.06 N | 690.83 5.66 -622.36 N | 90.93 3.20 -51.69 N | 207.92 4.99 -147.50 N | 126.98 6.68 -48.44 N | 140.31 7.86 -46.71 N | 68.73 5.40 -0.24 N | 102.70 4.45 -48.45 N | 86.02 6.12 -12.20 N | 84.89 7.07 0.23 N | 69.60 5.81 0.02 N | 83.04 6.91 0.12 N | 57.06 4.65 0.04 N | 61.33 4.74 0.05 N | 46.17 3.35 0.00 N | 33.61 2.15 0.00 N | |
| HUNTLEY___63 23557 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N | |
| HUNTLEY___64 23558 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N | |
| HUNTLEY___65 23559 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N | |
| HUNTLEY___66 23560 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N | |
| HUNTLEY___67 23561 | 20.48 -2.85 0.00 N | 29.99 -3.98 0.00 N | 25.47 -3.05 0.00 N | 25.00 -3.28 0.00 N | 14.93 -1.97 0.00 N | 34.98 -4.06 0.00 N | 27.91 -3.69 0.00 N | 47.72 -7.89 0.00 N | 53.05 -9.88 4.10 N | 34.30 -9.26 19.26 N | 27.65 -4.92 3.47 N | 41.82 -7.82 5.80 N | 35.71 -10.23 25.92 N | 39.90 -12.17 33.66 N | 43.79 -9.00 10.29 N | 40.53 -7.11 2.17 N | 52.24 -8.86 6.59 N | 53.60 -9.93 14.51 N | 54.95 -7.87 0.98 N | 58.43 -9.98 7.83 N | 41.14 -6.73 4.58 N | 45.59 -7.84 3.22 N | 37.95 -4.87 0.00 N | 28.15 -3.32 0.00 N | |
| HUNTLEY___68 23562 | 20.48 -2.85 0.00 N | 29.99 -3.98 0.00 N | 25.47 -3.05 0.00 N | 25.00 -3.28 0.00 N | 14.93 -1.97 0.00 N | 34.98 -4.06 0.00 N | 27.91 -3.69 0.00 N | 47.72 -7.89 0.00 N | 53.05 -9.88 4.10 N | 34.30 -9.26 19.26 N | 27.65 -4.92 3.47 N | 41.82 -7.82 5.80 N | 35.71 -10.23 25.92 N | 39.90 -12.17 33.66 N | 43.79 -9.00 10.29 N | 40.53 -7.11 2.17 N | 52.24 -8.86 6.59 N | 53.60 -9.93 14.51 N | 54.95 -7.87 0.98 N | 58.43 -9.98 7.83 N | 41.14 -6.73 4.58 N | 45.59 -7.84 3.22 N | 37.95 -4.87 0.00 N | 28.15 -3.32 0.00 N | |
| INDECK___CORINTH 23802 | 23.43 0.10 0.00 N | 33.96 -0.01 0.00 N | 28.46 -0.07 0.00 N | 28.24 -0.04 0.00 N | 16.91 0.01 0.00 N | 39.41 0.38 0.00 N | 31.97 0.36 0.00 N | 56.83 1.23 0.00 N | 68.74 1.71 0.00 N | 64.18 1.36 0.00 N | 36.96 0.92 0.00 N | 56.97 1.53 0.00 N | 74.15 2.29 0.00 N | 88.72 2.99 0.00 N | 64.80 1.71 0.00 N | 51.00 1.20 0.00 N | 70.08 2.38 0.00 N | 81.21 3.17 0.00 N | 66.34 2.53 0.00 N | 79.12 2.88 0.00 N | 53.84 1.40 0.00 N | 57.82 1.18 0.00 N | 43.51 0.70 0.00 N | 31.86 0.40 0.00 N | |
| INDECK___ILION 23567 | 23.97 0.64 0.00 N | 34.87 0.90 0.00 N | 29.27 0.74 0.00 N | 29.01 0.73 0.00 N | 17.34 0.44 0.00 N | 40.23 1.20 0.00 N | 32.58 0.97 0.00 N | 57.59 1.99 0.00 N | 69.57 2.54 0.00 N | 65.27 2.45 0.00 N | 37.46 1.42 0.00 N | 57.64 2.21 0.00 N | 74.80 2.94 0.00 N | 89.33 3.60 0.00 N | 65.52 2.43 0.00 N | 51.77 1.96 0.00 N | 70.57 2.87 0.00 N | 81.49 3.44 0.00 N | 66.63 2.83 0.00 N | 79.60 3.35 0.00 N | 54.56 2.11 0.00 N | 58.77 2.12 0.00 N | 44.26 1.45 0.00 N | 32.40 0.94 0.00 N | |
| INDECK___OLEAN | 21.15 | 30.78 | 26.18 | 25.64 | 15.27 | 36.20 | 29.16 | 50.98 | 57.68 | 41.06 | 30.06 | 45.80 | 43.70 | 50.21 | 48.67 | 43.75 | 57.10 | 60.82 | 58.80 | 64.11 | 44.64 | 49.00 | 39.44 | 29.12 | |

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| 23982 | -2.18 0.00 N | -3.18 0.00 N | -2.34 0.00 N | -2.63 0.00 N | -1.63 0.00 N | -2.83 0.00 N | -2.45 0.00 N | -4.63 0.00 N | -5.86 3.49 N | -5.36 16.40 N | -3.03 2.95 N | -4.69 4.95 N | -6.05 22.11 N | -6.82 28.70 N | -5.65 8.77 N | -4.21 1.85 N | -4.98 5.61 N | -4.87 12.36 N | -4.16 0.84 N | -5.47 6.67 N | -3.91 3.90 N | -4.90 2.74 N | -3.37 0.00 N | -2.34 0.00 N |
| INDECK____OSWEGO 23783 | 22.66 -0.68 0.00 N | 32.92 -1.04 0.00 N | 27.69 -0.84 0.00 N | 27.38 -0.90 0.00 N | 16.37 -0.53 0.00 N | 37.97 -1.06 0.00 N | 30.75 -0.86 0.00 N | 54.09 -1.51 0.00 N | 65.25 -1.78 0.00 N | 61.30 -1.52 0.00 N | 35.26 -0.78 0.00 N | 54.22 -1.21 0.00 N | 70.26 -1.60 0.00 N | 83.85 -1.89 0.00 N | 61.60 -1.49 0.00 N | 48.66 -1.15 0.00 N | 66.35 -1.35 0.00 N | 76.67 -1.37 0.00 N | 62.66 -1.15 0.00 N | 74.70 -1.55 0.00 N | 51.34 -1.10 0.00 N | 55.27 -1.38 0.00 N | 41.79 -1.03 0.00 N | 30.66 -0.80 0.00 N |
| INDECK____YERKES 23781 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N |
| INDIAN POINT_GT_1 24139 | 24.53 1.20 0.00 N | 35.48 1.52 0.00 N | 29.76 1.24 0.00 N | 29.50 1.22 0.00 N | 17.64 0.74 0.00 N | 41.22 2.19 0.00 N | 33.58 1.97 0.00 N | 59.51 3.91 0.00 N | 71.89 4.93 0.06 N | 67.21 4.70 0.30 N | 38.71 2.73 0.06 N | 59.57 4.23 0.09 N | 77.16 5.71 0.41 N | 92.01 6.81 0.53 N | 67.53 4.60 0.16 N | 53.54 3.77 0.04 N | 72.84 5.25 0.10 N | 83.99 6.18 0.23 N | 68.87 5.08 0.02 N | 82.15 6.03 0.12 N | 56.40 4.03 0.07 N | 60.63 4.04 0.05 N | 45.69 2.88 0.00 N | 33.30 1.84 0.00 N |
| INDIAN POINT_GT_2 23659 | 24.53 1.20 0.00 N | 35.48 1.52 0.00 N | 29.76 1.24 0.00 N | 29.50 1.22 0.00 N | 17.64 0.74 0.00 N | 41.22 2.19 0.00 N | 33.58 1.97 0.00 N | 59.51 3.91 0.00 N | 71.89 4.93 0.06 N | 67.21 4.70 0.30 N | 38.71 2.73 0.06 N | 59.57 4.23 0.09 N | 77.16 5.71 0.41 N | 92.01 6.81 0.53 N | 67.53 4.60 0.16 N | 53.54 3.77 0.04 N | 72.84 5.25 0.10 N | 83.99 6.18 0.23 N | 68.87 5.08 0.02 N | 82.15 6.03 0.12 N | 56.40 4.03 0.07 N | 60.63 4.04 0.05 N | 45.69 2.88 0.00 N | 33.30 1.84 0.00 N |
| INDIAN POINT_GT_3 24019 | 24.53 1.20 0.00 N | 35.48 1.52 0.00 N | 29.76 1.24 0.00 N | 29.50 1.22 0.00 N | 17.64 0.74 0.00 N | 41.22 2.19 0.00 N | 33.58 1.97 0.00 N | 59.51 3.91 0.00 N | 71.89 4.93 0.06 N | 67.21 4.70 0.30 N | 38.71 2.73 0.06 N | 59.57 4.23 0.09 N | 77.16 5.71 0.41 N | 92.01 6.81 0.53 N | 67.53 4.60 0.16 N | 53.54 3.77 0.04 N | 72.84 5.25 0.10 N | 83.99 6.18 0.23 N | 68.87 5.08 0.02 N | 82.15 6.03 0.12 N | 56.40 4.03 0.07 N | 60.63 4.04 0.05 N | 45.69 2.88 0.00 N | 33.30 1.84 0.00 N |
| INDIAN POINT____2 23530 | 24.46 1.13 0.00 N | 35.38 1.42 0.00 N | 29.69 1.16 0.00 N | 29.41 1.14 0.00 N | 17.61 0.71 0.00 N | 41.12 2.09 0.00 N | 33.50 1.89 0.00 N | 59.37 3.77 0.00 N | 71.70 4.74 0.06 N | 67.05 4.54 0.30 N | 38.62 2.63 0.06 N | 59.43 4.08 0.09 N | 76.96 5.51 0.41 N | 91.77 6.57 0.53 N | 67.36 4.44 0.16 N | 53.40 3.64 0.04 N | 72.65 5.06 0.10 N | 83.79 5.97 0.23 N | 68.71 4.92 0.02 N | 81.94 5.82 0.12 N | 56.27 3.90 0.07 N | 60.50 3.91 0.05 N | 45.59 2.77 0.00 N | 33.23 1.76 0.00 N |
| INDIAN POINT____3 23531 | 24.45 1.12 0.00 N | 35.38 1.42 0.00 N | 29.69 1.16 0.00 N | 29.41 1.13 0.00 N | 17.59 0.69 0.00 N | 41.10 2.07 0.00 N | 33.48 1.88 0.00 N | 59.34 3.74 0.00 N | 71.66 4.70 0.06 N | 67.00 4.48 0.30 N | 38.59 2.61 0.06 N | 59.38 4.04 0.09 N | 76.91 5.45 0.41 N | 91.70 6.50 0.53 N | 67.31 4.39 0.16 N | 53.37 3.60 0.04 N | 72.60 5.00 0.10 N | 83.71 5.89 0.23 N | 68.65 4.86 0.02 N | 81.86 5.74 0.12 N | 56.22 3.85 0.07 N | 60.45 3.86 0.05 N | 45.56 2.74 0.00 N | 33.21 1.74 0.00 N |
| IP CORINTH____1 23988 | 23.63 0.29 0.00 N | 34.24 0.27 0.00 N | 28.70 0.17 0.00 N | 28.47 0.19 0.00 N | 17.05 0.15 0.00 N | 39.75 0.72 0.00 N | 32.24 0.63 0.00 N | 57.32 1.72 0.00 N | 69.30 2.27 0.00 N | 64.73 1.91 0.00 N | 37.27 1.23 0.00 N | 57.43 1.99 0.00 N | 74.76 2.90 0.00 N | 89.44 3.71 0.00 N | 65.32 2.23 0.00 N | 51.43 1.62 0.00 N | 70.66 2.97 0.00 N | 81.91 3.86 0.00 N | 66.88 3.08 0.00 N | 79.79 3.55 0.00 N | 54.30 1.86 0.00 N | 58.32 1.68 0.00 N | 43.88 1.06 0.00 N | 32.13 0.67 0.00 N |
| IP____TICONDEROGA 23804 | 25.03 1.70 0.00 N | 36.31 2.34 0.00 N | 30.44 1.91 0.00 N | 30.25 1.97 0.00 N | 18.13 1.23 0.00 N | 42.22 3.19 0.00 N | 34.05 2.45 0.00 N | 60.17 4.56 0.00 N | 72.78 5.75 0.00 N | 67.66 4.84 0.00 N | 38.90 2.86 0.00 N | 59.95 4.51 0.00 N | 78.38 6.52 0.00 N | 93.96 8.22 0.00 N | 68.43 5.34 0.00 N | 53.73 3.92 0.00 N | 73.83 6.14 0.00 N | 85.50 7.46 0.00 N | 69.98 6.18 0.00 N | 83.63 7.38 0.00 N | 56.73 4.28 0.00 N | 60.97 4.33 0.00 N | 46.11 3.30 0.00 N | 33.90 2.43 0.00 N |
| JARVIS____ 23743 | 23.42 0.09 0.00 N | 34.08 0.11 0.00 N | 28.61 0.09 0.00 N | 28.36 0.08 0.00 N | 16.96 0.06 0.00 N | 39.21 0.18 0.00 N | 31.75 0.14 0.00 N | 55.94 0.33 0.00 N | 67.49 0.46 0.00 N | 63.27 0.44 0.00 N | 36.32 0.28 0.00 N | 55.86 0.43 0.00 N | 72.44 0.57 0.00 N | 86.41 0.68 0.00 N | 63.53 0.44 0.00 N | 50.16 0.35 0.00 N | 68.24 0.54 0.00 N | 78.74 0.69 0.00 N | 64.38 0.57 0.00 N | 76.91 0.66 0.00 N | 52.86 0.42 0.00 N | 57.02 0.38 0.00 N | 43.07 0.25 0.00 N | 31.60 0.13 0.00 N |
| JENNISON____1 23625 | 23.27 -0.06 0.00 N | 33.73 -0.24 0.00 N | 28.40 -0.12 0.00 N | 28.03 -0.25 0.00 N | 16.74 -0.16 0.00 N | 39.16 0.12 0.00 N | 31.79 0.19 0.00 N | 56.28 0.67 0.00 N | 67.61 0.82 0.25 N | 62.58 0.94 1.17 N | 36.41 0.58 0.21 N | 56.00 0.93 0.35 N | 71.45 1.17 1.58 N | 85.21 1.53 2.05 N | 63.18 0.72 0.63 N | 50.44 0.77 0.13 N | 68.72 1.43 0.40 N | 79.26 2.10 0.88 N | 65.32 1.58 0.06 N | 77.42 1.65 0.48 N | 53.11 0.94 0.28 N | 57.05 0.61 0.20 N | 43.08 0.27 0.00 N | 31.58 0.11 0.00 N |
| JENNISON____2 23626 | 23.25 -0.09 0.00 N | 33.70 -0.27 0.00 N | 28.37 -0.15 0.00 N | 28.00 -0.27 0.00 N | 16.72 -0.18 0.00 N | 39.12 0.09 0.00 N | 31.76 0.15 0.00 N | 56.19 0.59 0.00 N | 67.52 0.74 0.25 N | 62.51 0.86 1.17 N | 36.36 0.54 0.21 N | 55.92 0.84 0.35 N | 71.36 1.08 1.58 N | 85.12 1.44 2.05 N | 63.11 0.65 0.63 N | 50.37 0.69 0.13 N | 68.63 1.33 0.40 N | 79.13 1.97 0.88 N | 65.23 1.48 0.06 N | 77.29 1.52 0.48 N | 53.04 0.87 0.28 N | 56.98 0.53 0.20 N | 43.03 0.22 0.00 N | 31.54 0.08 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 82.83 2.21 -57.29 N | 65.20 2.96 -28.28 N | 30.92 2.39 0.00 N | 30.57 2.29 0.00 N | 18.20 1.30 0.00 N | 66.42 3.83 -23.56 N | 85.06 3.29 -50.16 N | 86.91 5.83 -25.47 N | 87.13 6.97 -13.13 N | 88.59 6.44 -19.33 N | 89.39 3.55 -49.80 N | 89.97 5.47 -29.07 N | 90.65 7.08 -11.70 N | 92.72 7.52 0.53 N | 89.20 5.65 -20.46 N | 94.99 5.15 -40.04 N | 100.89 6.45 -26.74 N | 87.50 7.18 -2.27 N | 89.90 6.26 -19.83 N | 88.20 7.32 -4.64 N | 88.64 5.45 -30.74 N | 145.21 5.66 -82.90 N | 88.70 4.35 -41.53 N | 75.89 2.99 -41.43 N |

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| KEDC_PORT_JEFF_GT3 24211 | 82.83 2.21 -57.29 N | 65.20 2.96 -28.28 N | 30.92 2.39 0.00 N | 30.57 2.29 0.00 N | 18.20 1.30 0.00 N | 66.42 3.83 -23.56 N | 85.06 3.29 -50.16 N | 86.91 5.83 -25.47 N | 87.13 6.97 -13.13 N | 88.59 6.44 -19.33 N | 89.39 3.55 -49.80 N | 89.97 5.47 -29.07 N | 90.65 7.08 -11.70 N | 92.72 7.52 0.53 N | 89.20 5.65 -20.46 N | 94.99 5.15 -40.04 N | 100.89 6.45 -26.74 N | 87.50 7.18 -2.27 N | 89.90 6.26 -19.83 N | 88.20 7.32 -4.64 N | 88.64 5.45 -30.74 N | 145.21 5.66 -82.90 N | 88.70 4.35 -41.53 N | 75.89 2.99 -41.43 N |
| KEDC_GLWD_GT4 24219 | 82.42 1.79 -57.29 N | 64.61 2.37 -28.28 N | 30.44 1.91 0.00 N | 30.13 1.85 0.00 N | 17.99 1.09 0.00 N | 65.74 3.14 -23.56 N | 84.57 2.80 -50.16 N | 86.47 5.39 -25.47 N | 86.88 6.72 -13.13 N | 88.57 6.42 -19.33 N | 89.55 3.71 -49.80 N | 90.26 5.76 -29.07 N | 91.21 7.65 -11.70 N | 94.09 8.89 0.53 N | 89.75 6.21 -20.46 N | 95.01 5.17 -40.04 N | 101.44 7.00 -26.74 N | 88.18 7.87 -2.27 N | 90.14 6.50 -19.83 N | 88.57 7.69 -4.64 N | 88.63 5.44 -30.74 N | 145.10 5.55 -82.90 N | 88.39 4.05 -41.53 N | 75.57 2.67 -41.43 N |
| KEDC_GLWD_GT5 24220 | 82.42 1.79 -57.29 N | 64.61 2.37 -28.28 N | 30.44 1.91 0.00 N | 30.13 1.85 0.00 N | 17.99 1.09 0.00 N | 65.74 3.14 -23.56 N | 84.57 2.80 -50.16 N | 86.47 5.39 -25.47 N | 86.88 6.72 -13.13 N | 88.57 6.42 -19.33 N | 89.55 3.71 -49.80 N | 90.26 5.76 -29.07 N | 91.21 7.65 -11.70 N | 94.09 8.89 0.53 N | 89.75 6.21 -20.46 N | 95.01 5.17 -40.04 N | 101.44 7.00 -26.74 N | 88.18 7.87 -2.27 N | 90.14 6.50 -19.83 N | 88.57 7.69 -4.64 N | 88.63 5.44 -30.74 N | 145.10 5.55 -82.90 N | 88.39 4.05 -41.53 N | 75.57 2.67 -41.43 N |
| KENSICO____ 23655 | 24.64 1.31 0.00 N | 35.65 1.68 0.00 N | 29.90 1.37 0.00 N | 29.62 1.34 0.00 N | 17.72 0.82 0.00 N | 41.39 2.36 0.00 N | 33.72 2.12 0.00 N | 59.80 4.20 0.00 N | 72.25 5.29 0.06 N | 67.56 5.05 0.30 N | 38.90 2.92 0.06 N | 59.87 4.53 0.09 N | 77.53 6.09 0.41 N | 92.44 7.24 0.53 N | 67.85 4.92 0.16 N | 53.80 4.03 0.04 N | 73.19 5.59 0.10 N | 84.35 6.53 0.23 N | 69.17 5.38 0.02 N | 82.50 6.38 0.12 N | 56.65 4.27 0.07 N | 60.91 4.32 0.05 N | 45.90 3.09 0.00 N | 33.45 1.99 0.00 N |
| KIAC_JFK_GT1 23816 | 24.81 1.48 0.00 N | 35.85 1.88 0.00 N | 30.08 1.55 0.00 N | 29.78 1.50 0.00 N | 17.80 0.90 0.00 N | 41.66 2.62 0.00 N | 33.97 2.37 0.00 N | 72.30 4.85 -11.84 N | 77.28 6.04 -4.21 N | 70.731 5.78 -638.71 N | 90.91 3.19 -51.69 N | 207.93 4.99 -147.50 N | 127.04 6.74 -48.44 N | 140.43 7.99 -46.71 N | 91.73 5.51 -23.13 N | 103.72 4.46 -49.45 N | 86.03 6.13 -12.20 N | 84.86 7.05 0.23 N | 69.63 5.85 0.02 N | 83.15 7.02 0.12 N | 70.54 4.75 -13.34 N | 132.06 4.88 -70.54 N | 71.06 3.53 -24.71 N | 55.87 2.27 -22.13 N |
| KIAC_JFK_GT2 23817 | 24.81 1.48 0.00 N | 35.85 1.88 0.00 N | 30.08 1.55 0.00 N | 29.78 1.50 0.00 N | 17.80 0.90 0.00 N | 41.66 2.62 0.00 N | 33.97 2.37 0.00 N | 72.30 4.85 -11.84 N | 77.28 6.04 -4.21 N | 70.731 5.78 -638.71 N | 90.91 3.19 -51.69 N | 207.93 4.99 -147.50 N | 127.04 6.74 -48.44 N | 140.43 7.99 -46.71 N | 91.73 5.51 -23.13 N | 103.72 4.46 -49.45 N | 86.03 6.13 -12.20 N | 84.86 7.05 0.23 N | 69.63 5.85 0.02 N | 83.15 7.02 0.12 N | 70.54 4.75 -13.34 N | 132.06 4.88 -70.54 N | 71.06 3.53 -24.71 N | 55.87 2.27 -22.13 N |
| KINTIGH____ 23543 | 20.62 -2.71 0.00 N | 30.15 -3.82 0.00 N | 25.54 -2.98 0.00 N | 25.15 -3.13 0.00 N | 15.01 -1.89 0.00 N | 34.99 -4.04 0.00 N | 27.97 -3.64 0.00 N | 47.98 -7.62 0.00 N | 53.18 -9.44 4.41 N | 33.26 -8.84 20.72 N | 27.63 -4.68 3.73 N | 41.76 -7.44 6.24 N | 34.22 -11.67 27.88 N | 37.86 -11.67 36.21 N | 43.46 -8.56 11.07 N | 40.70 -6.78 2.33 N | 52.12 -8.49 7.09 N | 52.81 -9.63 15.61 N | 55.13 -7.61 1.06 N | 58.20 -9.62 8.43 N | 41.05 -6.47 4.92 N | 45.71 -7.48 3.46 N | 38.06 -4.75 0.00 N | 28.17 -3.30 0.00 N |
| LEDERLE____ 23769 | 24.69 1.35 0.00 N | 35.70 1.74 0.00 N | 29.95 1.43 0.00 N | 29.69 1.41 0.00 N | 17.76 0.86 0.00 N | 41.52 2.49 0.00 N | 33.83 2.22 0.00 N | 59.95 4.35 0.00 N | 72.39 5.43 0.06 N | 67.73 5.21 0.30 N | 39.02 3.04 0.06 N | 60.05 4.70 0.09 N | 77.77 6.32 0.41 N | 92.76 7.56 0.53 N | 68.06 5.14 0.16 N | 53.97 4.20 0.04 N | 73.46 5.87 0.10 N | 84.78 6.96 0.23 N | 69.49 5.71 0.02 N | 82.87 6.75 0.12 N | 56.92 4.54 0.07 N | 61.14 4.55 0.05 N | 46.07 3.26 0.00 N | 33.56 2.10 0.00 N |
| LINDEN COGEN____ 23786 | 24.64 1.30 0.00 N | 35.63 1.66 0.00 N | 29.88 1.36 0.00 N | 29.61 1.33 0.00 N | 17.70 0.80 0.00 N | 41.42 2.39 0.00 N | 33.77 2.17 0.00 N | 59.98 4.38 0.00 N | 72.53 5.56 0.06 N | 690.57 5.39 -622.36 N | 90.79 3.07 -51.69 N | 207.73 4.80 -147.50 N | 126.72 6.42 -48.44 N | 140.01 7.57 -46.71 N | 68.49 5.16 -0.24 N | 102.53 4.28 -48.45 N | 85.79 5.89 -12.20 N | 84.62 6.80 0.23 N | 69.37 5.58 0.02 N | 82.75 6.63 0.12 N | 56.88 4.48 0.04 N | 61.15 4.56 0.05 N | 46.05 3.23 0.00 N | 33.51 2.05 0.00 N |
| LIPA_MISC_IPP 23656 | 82.86 2.24 -57.29 N | 65.24 2.99 -28.28 N | 30.94 2.42 0.00 N | 30.60 2.32 0.00 N | 18.23 1.33 0.00 N | 66.50 3.90 -23.56 N | 85.07 3.31 -50.16 N | 86.88 5.81 -25.47 N | 87.00 6.84 -13.13 N | 88.49 6.34 -19.33 N | 89.37 3.53 -49.80 N | 89.97 5.47 -29.07 N | 90.64 7.08 -11.70 N | 92.85 7.65 0.53 N | 89.22 5.67 -20.46 N | 94.91 5.07 -40.04 N | 100.94 6.50 -26.74 N | 88.00 7.68 -2.27 N | 90.26 6.63 -19.83 N | 88.57 7.68 -4.64 N | 88.59 5.40 -30.74 N | 145.18 5.63 -82.90 N | 88.72 4.37 -41.53 N | 75.95 3.05 -41.43 N |
| LITTLE FALLS____HYD 24013 | 24.67 1.34 0.00 N | 35.85 1.89 0.00 N | 30.09 1.56 0.00 N | 29.84 1.56 0.00 N | 17.82 0.92 0.00 N | 41.51 2.48 0.00 N | 33.59 1.99 0.00 N | 59.67 4.07 0.00 N | 72.18 5.15 0.00 N | 67.79 4.97 0.00 N | 38.91 2.87 0.00 N | 59.89 4.46 0.00 N | 77.79 5.93 0.00 N | 93.03 7.30 0.00 N | 68.01 4.92 0.00 N | 53.79 3.98 0.00 N | 73.45 5.76 0.00 N | 84.90 6.85 0.00 N | 69.46 5.65 0.00 N | 82.98 6.73 0.00 N | 56.70 4.25 0.00 N | 61.01 4.37 0.00 N | 45.77 2.95 0.00 N | 33.40 1.93 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 22.73 -0.61 0.00 N | 33.01 -0.96 0.00 N | 27.74 -0.78 0.00 N | 27.43 -0.85 0.00 N | 16.39 -0.51 0.00 N | 38.08 -0.95 0.00 N | 30.86 -0.75 0.00 N | 54.32 -1.28 0.00 N | 65.54 -1.49 0.00 N | 61.56 -1.26 0.00 N | 35.41 -0.62 0.00 N | 54.46 -0.98 0.00 N | 70.56 -1.30 0.00 N | 84.23 -1.51 0.00 N | 61.86 -1.23 0.00 N | 48.89 -0.92 0.00 N | 66.70 -0.99 0.00 N | 77.13 -0.91 0.00 N | 63.04 -0.77 0.00 N | 75.11 -1.14 0.00 N | 51.59 -0.85 0.00 N | 55.50 -1.14 0.00 N | 41.94 -0.87 0.00 N | 30.77 -0.70 0.00 N |
| LOVETT____3 23632 | 24.12 0.79 0.00 N | 35.00 1.04 0.00 N | 29.38 0.86 0.00 N | 29.13 0.85 0.00 N | 17.43 0.53 0.00 N | 40.68 1.65 0.00 N | 33.15 1.54 0.00 N | 58.63 3.03 0.00 N | 70.61 3.65 0.06 N | 66.01 3.50 0.30 N | 38.09 2.11 0.06 N | 58.55 3.20 0.09 N | 75.73 4.28 0.41 N | 90.33 5.13 0.53 N | 66.31 3.38 0.16 N | 52.59 2.82 0.04 N | 71.52 3.93 0.10 N | 82.42 4.61 0.23 N | 67.61 3.82 0.02 N | 80.63 4.51 0.12 N | 55.48 3.11 0.07 N | 59.58 2.99 0.05 N | 45.00 2.19 0.00 N | 32.85 1.38 0.00 N |
| LOVETT____4 23642 | 24.36 1.03 0.00 N | 35.31 1.35 0.00 N | 29.64 1.11 0.00 N | 29.38 1.10 0.00 N | 17.57 0.67 0.00 N | 41.04 2.01 0.00 N | 33.44 1.83 0.00 N | 59.19 3.58 0.00 N | 71.34 4.37 0.06 N | 66.70 4.19 0.30 N | 38.48 2.50 0.06 N | 59.17 3.83 0.09 N | 76.56 5.11 0.41 N | 91.32 6.12 0.53 N | 67.03 4.11 0.16 N | 53.16 3.38 0.04 N | 72.32 4.72 0.10 N | 83.36 5.55 0.23 N | 68.37 4.58 0.02 N | 81.55 5.43 0.12 N | 56.08 3.70 0.07 N | 60.22 3.63 0.05 N | 45.44 2.63 0.00 N | 33.16 1.70 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 |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| LOVETT___5 23593 | 24.36 1.03 0.00 N | 35.31 1.35 0.00 N | 29.64 1.11 0.00 N | 29.38 1.10 0.00 N | 17.57 0.67 0.00 N | 41.04 2.01 0.00 N | 33.44 1.83 0.00 N | 59.19 3.58 0.00 N | 71.34 4.37 0.06 N | 66.70 4.19 0.30 N | 38.48 2.50 0.06 N | 59.17 3.83 0.09 N | 76.56 5.11 0.41 N | 91.32 6.12 0.53 N | 67.03 4.11 0.16 N | 53.16 3.38 0.04 N | 72.32 4.72 0.10 N | 83.36 5.55 0.23 N | 68.37 4.58 0.02 N | 81.55 5.43 0.12 N | 56.08 3.70 0.07 N | 60.22 3.63 0.05 N | 45.44 2.63 0.00 N | 33.16 1.70 0.00 N | |
| LOWER RAQUET___HYD 24057 | 23.46 0.13 0.00 N | 34.21 0.24 0.00 N | 28.71 0.18 0.00 N | 28.57 0.29 0.00 N | 17.03 0.13 0.00 N | 39.13 0.09 0.00 N | 31.66 0.06 0.00 N | 54.84 -0.76 0.00 N | 65.95 -1.08 0.00 N | 61.37 -1.45 0.00 N | 35.06 -0.97 0.00 N | 54.15 -1.29 0.00 N | 71.20 -0.66 0.00 N | 85.05 -0.68 0.00 N | 62.94 -0.14 0.00 N | 49.56 -0.24 0.00 N | 67.15 -0.54 0.00 N | 77.34 -0.71 0.00 N | 62.36 -1.45 0.00 N | 73.97 -2.27 0.00 N | 51.01 -1.44 0.00 N | 55.37 -1.27 0.00 N | 42.19 -0.62 0.00 N | 31.39 -0.07 0.00 N | |
| LOWER___HUDSON 24059 | 24.20 0.87 0.00 N | 35.12 1.15 0.00 N | 29.45 0.93 0.00 N | 29.19 0.91 0.00 N | 17.47 0.57 0.00 N | 40.63 1.60 0.00 N | 32.90 1.30 0.00 N | 58.16 2.56 0.00 N | 70.26 3.23 0.00 N | 65.67 2.85 0.00 N | 37.77 1.73 0.00 N | 58.15 2.72 0.00 N | 75.72 3.86 0.00 N | 90.55 4.81 0.00 N | 66.18 3.09 0.00 N | 52.17 2.36 0.00 N | 71.32 3.63 0.00 N | 82.47 4.42 0.00 N | 67.48 3.68 0.00 N | 80.58 4.33 0.00 N | 54.99 2.55 0.00 N | 59.15 2.50 0.00 N | 44.60 1.79 0.00 N | 32.67 1.21 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 23.22 -0.11 0.00 N | 33.79 -0.18 0.00 N | 28.36 -0.16 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 38.79 -0.24 0.00 N | 31.44 -0.16 0.00 N | 54.90 -0.71 0.00 N | 66.13 -0.90 0.00 N | 61.71 -1.11 0.00 N | 35.34 -0.69 0.00 N | 54.50 -0.94 0.00 N | 71.33 -0.54 0.00 N | 85.28 -0.45 0.00 N | 62.88 -0.20 0.00 N | 49.60 -0.21 0.00 N | 67.42 -0.27 0.00 N | 77.68 -0.36 0.00 N | 62.91 -0.89 0.00 N | 74.72 -1.53 0.00 N | 51.42 -1.03 0.00 N | 55.58 -1.06 0.00 N | 42.13 -0.68 0.00 N | 31.19 -0.28 0.00 N | |
| MAPLE_RIDGE_WT_1 323574 | 23.19 -0.15 0.00 N | 33.87 -0.10 0.00 N | 28.44 -0.09 0.00 N | 28.22 -0.06 0.00 N | 16.86 -0.03 0.00 N | 38.89 -0.14 0.00 N | 31.49 -0.12 0.00 N | 55.36 -0.24 0.00 N | 66.82 -0.21 0.00 N | 62.62 -0.20 0.00 N | 35.90 -0.14 0.00 N | 55.23 -0.20 0.00 N | 71.61 -0.25 0.00 N | 85.40 -0.34 0.00 N | 62.91 -0.17 0.00 N | 49.66 -0.15 0.00 N | 67.44 -0.25 0.00 N | 77.79 -0.26 0.00 N | 63.55 -0.25 0.00 N | 75.94 -0.30 0.00 N | 52.25 -0.20 0.00 N | 56.38 -0.26 0.00 N | 42.69 -0.13 0.00 N | 31.39 -0.07 0.00 N | |
| MG INDUSTRY___DRP 24185 | 24.01 0.67 0.00 N | 34.85 0.88 0.00 N | 29.25 0.72 0.00 N | 28.94 0.66 0.00 N | 17.33 0.43 0.00 N | 40.18 1.14 0.00 N | 32.48 0.87 0.00 N | 57.42 1.81 0.00 N | 69.33 2.29 0.00 N | 64.92 2.10 0.00 N | 37.34 1.30 0.00 N | 57.45 2.02 0.00 N | 74.67 2.81 0.00 N | 89.18 3.44 0.00 N | 65.31 2.23 0.00 N | 51.58 1.77 0.00 N | 70.28 2.58 0.00 N | 81.11 3.07 0.00 N | 66.37 2.57 0.00 N | 79.29 3.05 0.00 N | 54.33 1.89 0.00 N | 58.50 1.86 0.00 N | 44.11 1.30 0.00 N | 32.31 0.85 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 23.22 -0.11 0.00 N | 33.79 -0.18 0.00 N | 28.36 -0.16 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 38.79 -0.24 0.00 N | 31.44 -0.16 0.00 N | 54.90 -0.71 0.00 N | 66.13 -0.90 0.00 N | 61.71 -1.11 0.00 N | 35.34 -0.69 0.00 N | 54.50 -0.94 0.00 N | 71.33 -0.54 0.00 N | 85.28 -0.45 0.00 N | 62.88 -0.20 0.00 N | 49.60 -0.21 0.00 N | 67.42 -0.27 0.00 N | 77.68 -0.36 0.00 N | 62.91 -0.89 0.00 N | 74.72 -1.53 0.00 N | 51.42 -1.03 0.00 N | 55.58 -1.06 0.00 N | 42.13 -0.68 0.00 N | 31.19 -0.28 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 23.46 0.13 0.00 N | 34.21 0.24 0.00 N | 28.71 0.18 0.00 N | 28.57 0.29 0.00 N | 17.03 0.13 0.00 N | 39.13 0.09 0.00 N | 31.66 0.06 0.00 N | 54.84 -0.76 0.00 N | 65.95 -1.08 0.00 N | 61.37 -1.45 0.00 N | 35.06 -0.97 0.00 N | 54.15 -1.29 0.00 N | 71.20 -0.66 0.00 N | 85.05 -0.68 0.00 N | 62.94 -0.14 0.00 N | 49.56 -0.24 0.00 N | 67.15 -0.54 0.00 N | 77.34 -0.71 0.00 N | 62.36 -1.45 0.00 N | 73.97 -2.27 0.00 N | 51.01 -1.44 0.00 N | 55.37 -1.27 0.00 N | 42.19 -0.62 0.00 N | 31.39 -0.07 0.00 N | |
| MILLIKEN___1 23584 | 21.30 -2.03 0.00 N | 30.69 -3.27 0.00 N | 25.93 -2.60 0.00 N | 25.78 -2.49 0.00 N | 15.25 -1.65 0.00 N | 35.63 -3.40 0.00 N | 28.91 -2.69 0.00 N | 51.05 -4.55 0.00 N | 61.57 -5.38 0.08 N | 57.65 -4.77 0.40 N | 33.44 -2.53 0.07 N | 51.28 -4.03 0.12 N | 66.02 -5.30 0.54 N | 78.77 -6.26 0.70 N | 58.03 -4.84 0.21 N | 46.09 -3.67 0.05 N | 63.12 -4.44 0.14 N | 73.13 -4.61 0.30 N | 59.91 -3.87 0.02 N | 71.02 -5.06 0.16 N | 48.94 -3.41 0.09 N | 52.19 -4.38 0.07 N | 39.39 -3.43 0.00 N | 28.94 -2.52 0.00 N | |
| MILLIKEN___2 23585 | 21.30 -2.03 0.00 N | 30.69 -3.27 0.00 N | 25.93 -2.60 0.00 N | 25.78 -2.49 0.00 N | 15.25 -1.65 0.00 N | 35.63 -3.40 0.00 N | 28.91 -2.69 0.00 N | 51.05 -4.55 0.00 N | 61.57 -5.38 0.08 N | 57.65 -4.77 0.40 N | 33.44 -2.53 0.07 N | 51.28 -4.03 0.12 N | 66.02 -5.30 0.54 N | 78.77 -6.26 0.70 N | 58.03 -4.84 0.21 N | 46.09 -3.67 0.05 N | 63.12 -4.44 0.14 N | 73.13 -4.61 0.30 N | 59.91 -3.87 0.02 N | 71.02 -5.06 0.16 N | 48.94 -3.41 0.09 N | 52.19 -4.38 0.07 N | 39.39 -3.43 0.00 N | 28.94 -2.52 0.00 N | |
| MILLIKEN___DIESEL 23629 | 21.30 -2.03 0.00 N | 30.69 -3.27 0.00 N | 25.93 -2.60 0.00 N | 25.78 -2.49 0.00 N | 15.25 -1.65 0.00 N | 35.63 -3.40 0.00 N | 28.91 -2.69 0.00 N | 51.05 -4.55 0.00 N | 61.57 -5.38 0.08 N | 57.65 -4.77 0.40 N | 33.44 -2.53 0.07 N | 51.28 -4.03 0.12 N | 66.02 -5.30 0.54 N | 78.77 -6.26 0.70 N | 58.03 -4.84 0.21 N | 46.09 -3.67 0.05 N | 63.12 -4.44 0.14 N | 73.13 -4.61 0.30 N | 59.91 -3.87 0.02 N | 71.02 -5.06 0.16 N | 48.94 -3.41 0.09 N | 52.19 -4.38 0.07 N | 39.39 -3.43 0.00 N | 28.94 -2.52 0.00 N | |
| MODEL_CITY_ENERGY 24167 | 20.57 -2.76 0.00 N | 30.12 -3.85 0.00 N | 25.57 -2.95 0.00 N | 25.11 -3.17 0.00 N | 15.00 -1.90 0.00 N | 35.06 -3.97 0.00 N | 27.92 -3.68 0.00 N | 47.57 -8.03 0.00 N | 52.81 -10.05 4.17 N | 33.82 -9.43 3.52 N | 27.54 -4.98 5.90 N | 41.62 -7.91 26.37 N | 35.11 -10.38 34.24 N | 39.09 -12.40 10.46 N | 43.51 -9.11 2.21 N | 40.37 -7.23 6.70 N | 51.95 -9.05 14.74 N | 53.07 -10.23 1.00 N | 54.79 -8.02 7.96 N | 58.08 -10.21 4.65 N | 40.95 -6.85 3.27 N | 45.42 -7.95 0.00 N | 37.97 -4.84 0.00 N | 28.17 -3.30 0.00 N | |
| MOHAWK_PAPER___DRP 24187 | 24.39 1.06 0.00 N | 35.39 1.42 0.00 N | 29.68 1.16 0.00 N | 29.38 1.11 0.00 N | 17.60 0.70 0.00 N | 40.91 1.88 0.00 N | 33.15 1.55 0.00 N | 58.68 3.08 0.00 N | 70.88 3.85 0.00 N | 66.35 3.53 0.00 N | 38.14 2.11 0.00 N | 58.74 3.31 0.00 N | 76.40 4.54 0.00 N | 91.31 5.58 0.00 N | 66.78 3.70 0.00 N | 52.72 2.91 0.00 N | 72.00 4.31 0.00 N | 83.25 5.20 0.00 N | 68.10 4.29 0.00 N | 81.31 5.07 0.00 N | 55.56 3.11 0.00 N | 59.75 3.10 0.00 N | 45.02 2.21 0.00 N | 32.97 1.50 0.00 N | |
| MONGAUP___HYD | 24.85 | 35.93 | 30.15 | 29.86 | 17.86 | 41.72 | 33.98 | 60.28 | 72.91 | 68.23 | 39.31 | 60.50 | 78.32 | 93.40 | 68.03 | 53.71 | 73.20 | 84.55 | 69.29 | 82.56 | 56.61 | 60.80 | 45.73 | 33.32 | |

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|----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 23641 | 1.51 0.00 N | 1.96 0.00 N | 1.62 0.00 N | 1.58 0.00 N | 0.96 0.00 N | 2.69 0.00 N | 2.37 0.00 N | 4.68 0.00 N | 5.94 0.06 N | 5.71 0.30 N | 3.32 0.06 N | 5.15 0.09 N | 6.87 0.41 N | 8.20 0.53 N | 5.11 0.16 N | 3.93 0.04 N | 5.61 0.10 N | 6.73 0.23 N | 5.50 0.02 N | 6.44 0.12 N | 4.23 0.07 N | 4.21 0.05 N | 2.91 0.00 N | 1.86 0.00 N |
| MONTAUK____DIESEL 23721 | 83.52 2.89 -57.29 N | 66.12 3.87 -28.28 N | 31.66 3.13 0.00 N | 31.28 3.00 0.00 N | 18.63 1.74 0.00 N | 67.56 4.97 -23.56 N | 86.00 4.24 -50.16 N | 88.65 7.57 -25.47 N | 89.23 9.06 -13.13 N | 90.70 8.55 -19.33 N | 90.67 4.83 -49.80 N | 91.99 7.49 -29.07 N | 93.26 9.69 -11.70 N | 96.00 10.80 0.53 N | 91.46 7.91 -20.46 N | 96.70 6.86 -40.04 N | 103.56 9.12 -26.74 N | 91.31 10.99 -2.27 N | 92.95 9.32 -19.83 N | 91.67 10.79 -4.64 N | 90.64 7.45 -30.74 N | 147.28 7.73 -82.90 N | 90.17 5.82 -41.53 N | 76.94 4.04 -41.43 N |
| N SALMON____HYD 24042 | 23.31 -0.03 0.00 N | 34.05 0.08 0.00 N | 28.59 0.06 0.00 N | 28.45 0.17 0.00 N | 16.94 0.04 0.00 N | 38.87 -0.16 0.00 N | 31.47 -0.13 0.00 N | 54.95 -0.65 0.00 N | 66.02 -1.01 0.00 N | 61.70 -1.12 0.00 N | 35.24 -0.80 0.00 N | 54.27 -1.17 0.00 N | 70.62 -1.24 0.00 N | 84.26 -1.47 0.00 N | 62.34 -0.74 0.00 N | 49.07 -0.74 0.00 N | 66.46 -1.23 0.00 N | 76.51 -1.54 0.00 N | 62.27 -1.54 0.00 N | 74.34 -1.91 0.00 N | 51.22 -1.23 0.00 N | 55.60 -1.04 0.00 N | 42.16 -0.66 0.00 N | 31.24 -0.22 0.00 N |
| N.E._GEN_SANDY PD 24062 | 69.00 2.93 -7.62 N | 65.00 2.26 -14.52 N | 63.88 2.09 -16.79 N | 60.00 1.86 -10.71 N | 17.59 0.69 0.00 N | 40.93 1.90 0.00 N | 33.14 1.54 0.00 N | 58.60 3.00 0.00 N | 70.72 3.74 0.05 N | 65.93 3.34 0.24 N | 37.96 1.97 0.04 N | 58.45 3.08 0.07 N | 75.91 4.36 0.32 N | 90.70 5.38 0.41 N | 66.47 3.50 0.13 N | 52.49 2.71 0.03 N | 71.59 3.98 0.08 N | 82.61 4.74 0.18 N | 67.74 3.95 0.01 N | 80.87 4.72 0.10 N | 55.28 2.89 0.06 N | 59.50 2.90 0.04 N | 44.97 2.15 0.00 N | 32.94 1.48 0.00 N |
| NARROWS_GT1_1 24228 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_2 24229 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_3 24230 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_4 24231 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_5 24232 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_6 24233 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_7 24234 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT1_8 24235 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_1 24236 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_2 24237 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |

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|-------------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| NARROWS_GT2_3 24238 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_4 24239 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_5 24240 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_6 24241 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_7 24242 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NARROWS_GT2_8 24243 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |
| NEG CAPITAL___MECHNVIL 23645 | 24.22 0.89 0.00 N | 35.12 1.15 0.00 N | 29.45 0.92 0.00 N | 29.17 0.90 0.00 N | 17.47 0.58 0.00 N | 40.67 1.63 0.00 N | 32.96 1.35 0.00 N | 58.31 2.71 0.00 N | 70.46 3.43 0.00 N | 65.88 3.05 0.00 N | 37.91 1.87 0.00 N | 58.37 2.94 0.00 N | 76.00 4.14 0.00 N | 90.89 5.15 0.00 N | 66.41 3.32 0.00 N | 52.34 2.53 0.00 N | 71.68 3.98 0.00 N | 82.95 4.90 0.00 N | 67.83 4.03 0.00 N | 80.96 4.71 0.00 N | 55.21 2.77 0.00 N | 59.33 2.69 0.00 N | 44.69 1.88 0.00 N | 32.71 1.24 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 21.63 -1.70 0.00 N | 31.53 -2.44 0.00 N | 26.60 -1.92 0.00 N | 26.25 -2.03 0.00 N | 15.68 -1.22 0.00 N | 36.54 -2.49 0.00 N | 29.45 -2.16 0.00 N | 51.26 -4.34 0.00 N | 62.04 -5.30 -0.31 N | 59.36 -4.91 -1.46 N | 33.75 -2.55 -0.26 N | 51.81 -4.07 -0.44 N | 68.44 -5.38 -1.96 N | 81.87 -6.40 -2.54 N | 59.10 -4.77 -0.78 N | 46.26 -3.71 -0.16 N | 63.74 -4.45 -0.50 N | 74.21 -4.93 -1.10 N | 59.96 -3.92 -0.07 N | 71.71 -5.12 -0.59 N | 49.30 -3.49 -0.35 N | 52.67 -4.22 -0.24 N | 40.05 -2.76 0.00 N | 29.49 -1.98 0.00 N |
| NEG CENTRAL___DRP 24199 | 22.14 -1.19 0.00 N | 32.19 -1.78 0.00 N | 27.14 -1.38 0.00 N | 26.80 -1.47 0.00 N | 15.97 -0.92 0.00 N | 37.32 -1.71 0.00 N | 30.21 -1.39 0.00 N | 53.01 -2.59 0.00 N | 63.96 -3.17 -0.09 N | 60.43 -2.81 -0.42 N | 34.65 -1.46 -0.08 N | 53.23 -2.34 -0.13 N | 69.33 -3.10 -0.57 N | 82.78 -3.69 -0.74 N | 60.38 -2.93 -0.22 N | 47.69 -2.16 -0.05 N | 65.35 -2.49 -0.14 N | 75.82 -2.55 -0.32 N | 61.70 -2.13 -0.02 N | 73.54 -2.88 -0.17 N | 50.57 -1.98 -0.10 N | 54.13 -2.58 -0.07 N | 40.98 -1.84 0.00 N | 30.11 -1.36 0.00 N |
| NEG CENTRAL___INDECK 23768 | 22.05 -1.28 0.00 N | 32.10 -1.87 0.00 N | 27.16 -1.37 0.00 N | 26.69 -1.59 0.00 N | 15.93 -0.97 0.00 N | 37.46 -1.58 0.00 N | 30.22 -1.39 0.00 N | 52.65 -2.95 0.00 N | 63.59 -3.64 -0.20 N | 60.44 -3.32 -0.94 N | 34.53 -1.68 -0.17 N | 53.03 -2.69 -0.28 N | 69.56 -3.56 -1.26 N | 83.29 -4.08 -1.64 N | 60.27 -3.32 -0.50 N | 47.43 -2.48 -0.11 N | 65.44 -2.58 -0.32 N | 76.30 -2.46 -0.71 N | 61.83 -2.02 -0.05 N | 73.71 -2.92 -0.38 N | 50.59 -2.08 -0.22 N | 53.93 -2.87 -0.16 N | 41.04 -1.78 0.00 N | 30.20 -1.27 0.00 N |
| NEG CENTRAL___SENECA 23627 | 21.84 -1.50 0.00 N | 31.75 -2.22 0.00 N | 26.83 -1.70 0.00 N | 26.47 -1.81 0.00 N | 15.75 -1.15 0.00 N | 36.90 -2.13 0.00 N | 29.85 -1.75 0.00 N | 52.28 -3.32 0.00 N | 63.06 -4.08 -0.11 N | 59.67 -3.67 -0.52 N | 34.20 -1.93 -0.09 N | 52.49 -3.10 -0.15 N | 68.46 -4.10 -0.70 N | 81.75 -4.89 -0.90 N | 59.49 -3.87 -0.28 N | 47.00 -2.86 -0.06 N | 64.53 -3.35 -0.18 N | 74.92 -3.51 -0.39 N | 60.90 -2.93 -0.03 N | 72.57 -3.89 -0.21 N | 49.96 -2.61 -0.12 N | 53.36 -3.37 -0.09 N | 40.44 -2.37 0.00 N | 29.74 -1.73 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 22.19 -1.15 0.00 N | 32.11 -1.86 0.00 N | 27.07 -1.45 0.00 N | 26.80 -1.48 0.00 N | 15.94 -0.96 0.00 N | 37.24 -1.79 0.00 N | 30.18 -1.43 0.00 N | 53.13 -2.48 0.00 N | 64.18 -2.91 -0.06 N | 60.59 -2.54 -0.30 N | 34.82 -1.28 -0.06 N | 53.48 -2.05 -0.09 N | 69.54 -2.73 -0.41 N | 83.06 -3.21 -0.53 N | 60.70 -2.55 -0.16 N | 47.94 -1.90 -0.04 N | 65.73 -2.07 -0.10 N | 76.30 -1.98 -0.23 N | 62.14 -1.68 -0.02 N | 73.98 -2.39 -0.12 N | 50.84 -1.67 -0.07 N | 54.37 -2.33 -0.05 N | 41.06 -1.76 0.00 N | 30.15 -1.32 0.00 N |
| NEG MILLWOOD___DRP 24198 | 24.78 1.45 0.00 N | 35.85 1.89 0.00 N | 30.08 1.56 0.00 N | 29.80 1.52 0.00 N | 17.83 0.93 0.00 N | 41.65 2.62 0.00 N | 33.92 2.32 0.00 N | 60.15 4.55 0.00 N | 72.66 5.69 0.06 N | 67.99 5.45 0.28 N | 39.17 3.18 0.05 N | 60.26 4.91 0.08 N | 78.07 6.58 0.38 N | 93.08 7.84 0.49 N | 68.30 5.36 0.15 N | 54.14 4.36 0.03 N | 73.70 6.11 0.10 N | 85.05 7.22 0.21 N | 69.74 5.95 0.01 N | 83.15 7.02 0.11 N | 57.07 4.69 0.07 N | 61.32 4.73 0.05 N | 46.17 3.35 0.00 N | 33.64 2.18 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 23.03 -0.31 0.00 N | 33.66 -0.30 0.00 N | 28.27 -0.25 0.00 N | 28.13 -0.15 0.00 N | 16.69 -0.21 0.00 N | 38.42 -0.61 0.00 N | 31.11 -0.50 0.00 N | 54.56 -1.04 0.00 N | 65.45 -1.58 0.00 N | 61.24 -1.58 0.00 N | 35.01 -1.03 0.00 N | 53.87 -1.56 0.00 N | 69.95 -1.91 0.00 N | 83.51 -2.23 0.00 N | 61.68 -1.41 0.00 N | 48.52 -1.29 0.00 N | 65.81 -1.88 0.00 N | 75.79 -2.25 0.00 N | 61.88 -1.93 0.00 N | 73.90 -2.34 0.00 N | 50.76 -1.68 0.00 N | 55.11 -1.53 0.00 N | 41.69 -1.12 0.00 N | 30.84 -0.62 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 |
| NEG NORTH_KES_CHATEGAY 23792 | 23.21 -0.13 0.00 N | 33.92 -0.05 0.00 N | 28.48 -0.05 0.00 N | 28.34 0.06 0.00 N | 16.87 -0.03 0.00 N | 38.71 -0.32 0.00 N | 31.33 -0.27 0.00 N | 54.84 -0.76 0.00 N | 65.87 -1.16 0.00 N | 61.63 -1.19 0.00 N | 35.21 -0.83 0.00 N | 54.19 -1.25 0.00 N | 70.30 -1.56 0.00 N | 83.85 -1.88 0.00 N | 62.03 -1.06 0.00 N | 48.81 -0.99 0.00 N | 66.11 -1.59 0.00 N | 76.09 -1.95 0.00 N | 62.14 -1.67 0.00 N | 74.26 -1.98 0.00 N | 51.17 -1.28 0.00 N | 55.56 -1.08 0.00 N | 42.07 -0.75 0.00 N | 31.12 -0.34 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 23.20 -0.13 0.00 N | 33.91 -0.05 0.00 N | 28.48 -0.04 0.00 N | 28.33 0.06 0.00 N | 16.82 -0.07 0.00 N | 38.73 -0.30 0.00 N | 31.36 -0.25 0.00 N | 54.98 -0.63 0.00 N | 65.99 -1.04 0.00 N | 61.75 -1.07 0.00 N | 35.30 -0.74 0.00 N | 54.31 -1.12 0.00 N | 70.52 -1.34 0.00 N | 84.17 -1.56 0.00 N | 62.17 -0.92 0.00 N | 48.92 -0.89 0.00 N | 66.35 -1.35 0.00 N | 76.41 -1.63 0.00 N | 62.37 -1.43 0.00 N | 74.51 -1.73 0.00 N | 51.20 -1.25 0.00 N | 55.58 -1.07 0.00 N | 42.04 -0.78 0.00 N | 31.09 -0.37 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 23.20 -0.13 0.00 N | 33.91 -0.05 0.00 N | 28.48 -0.04 0.00 N | 28.33 0.06 0.00 N | 16.82 -0.07 0.00 N | 38.73 -0.30 0.00 N | 31.36 -0.25 0.00 N | 54.98 -0.63 0.00 N | 65.99 -1.04 0.00 N | 61.75 -1.07 0.00 N | 35.30 -0.74 0.00 N | 54.31 -1.12 0.00 N | 70.52 -1.34 0.00 N | 84.17 -1.56 0.00 N | 62.17 -0.92 0.00 N | 48.92 -0.89 0.00 N | 66.35 -1.35 0.00 N | 76.41 -1.63 0.00 N | 62.37 -1.43 0.00 N | 74.51 -1.73 0.00 N | 51.20 -1.25 0.00 N | 55.58 -1.07 0.00 N | 42.04 -0.78 0.00 N | 31.09 -0.37 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 23.20 -0.13 0.00 N | 33.91 -0.05 0.00 N | 28.48 -0.04 0.00 N | 28.33 0.06 0.00 N | 16.82 -0.07 0.00 N | 38.73 -0.30 0.00 N | 31.36 -0.25 0.00 N | 54.98 -0.63 0.00 N | 65.99 -1.04 0.00 N | 61.75 -1.07 0.00 N | 35.30 -0.74 0.00 N | 54.31 -1.12 0.00 N | 70.52 -1.34 0.00 N | 84.17 -1.56 0.00 N | 62.17 -0.92 0.00 N | 48.92 -0.89 0.00 N | 66.35 -1.35 0.00 N | 76.41 -1.63 0.00 N | 62.37 -1.43 0.00 N | 74.51 -1.73 0.00 N | 51.20 -1.25 0.00 N | 55.58 -1.07 0.00 N | 42.04 -0.78 0.00 N | 31.09 -0.37 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 20.54 -2.79 0.00 N | 30.07 -3.90 0.00 N | 25.53 -2.99 0.00 N | 25.07 -3.21 0.00 N | 14.96 -1.94 0.00 N | 35.02 -4.01 0.00 N | 27.92 -3.69 0.00 N | 47.59 -8.01 0.00 N | 52.80 -10.01 4.22 N | 33.63 -9.39 19.80 N | 27.51 -4.96 3.57 N | 41.58 -7.88 5.97 N | 34.84 -10.34 26.68 N | 38.76 -12.32 34.65 N | 43.43 -9.07 10.59 N | 40.37 -7.20 2.23 N | 51.88 -9.04 6.78 N | 52.91 -10.22 14.92 N | 54.78 -8.01 1.01 N | 58.00 -10.19 8.05 N | 40.89 -6.85 4.70 N | 45.38 -7.96 3.31 N | 37.93 -4.88 0.00 N | 28.11 -3.35 0.00 N | |
| NEG WEST___LANCASTR 23811 | 20.58 -2.75 0.00 N | 30.01 -3.96 0.00 N | 25.50 -3.03 0.00 N | 24.98 -3.30 0.00 N | 14.89 -2.00 0.00 N | 35.20 -3.83 0.00 N | 28.27 -3.34 0.00 N | 49.14 -6.46 0.00 N | 55.36 -8.16 3.51 N | 38.73 -7.60 16.49 N | 28.78 -4.29 2.97 N | 43.84 -6.62 4.98 N | 41.04 -8.59 22.23 N | 46.94 -9.93 28.87 N | 46.44 -7.82 8.82 N | 41.97 -5.98 1.86 N | 54.59 -7.46 5.64 N | 57.70 -7.92 12.43 N | 56.40 -6.56 0.84 N | 61.26 -8.28 6.71 N | 42.72 -5.81 3.92 N | 47.06 -6.83 2.75 N | 38.15 -4.66 0.00 N | 28.22 -3.24 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 22.81 -0.53 0.00 N | 33.18 -0.79 0.00 N | 27.96 -0.56 0.00 N | 27.54 -0.74 0.00 N | 16.45 -0.44 0.00 N | 38.51 -0.52 0.00 N | 31.23 -0.38 0.00 N | 55.14 -0.46 0.00 N | 65.92 -0.73 0.38 N | 60.42 -0.62 1.78 N | 35.36 -0.36 0.32 N | 54.42 -0.48 0.54 N | 68.82 -0.64 2.40 N | 82.02 -0.60 3.12 N | 61.27 -0.87 0.95 N | 49.12 -0.48 0.20 N | 66.69 -0.40 0.61 N | 76.62 -0.09 1.34 N | 63.50 -0.21 0.09 N | 75.08 -0.44 0.73 N | 51.57 -0.46 0.42 N | 55.57 -0.78 0.30 N | 42.16 -0.65 0.00 N | 30.97 -0.49 0.00 N | |
| NEG___GEN_MONROE 24207 | 21.76 -1.57 0.00 N | 31.73 -2.24 0.00 N | 26.82 -1.71 0.00 N | 26.41 -1.87 0.00 N | 15.79 -1.11 0.00 N | 36.91 -2.12 0.00 N | 29.71 -1.89 0.00 N | 51.47 -4.13 0.00 N | 62.44 -5.03 -0.45 N | 60.23 -4.68 -2.09 N | 34.07 -2.35 -0.38 N | 52.14 -3.94 -0.64 N | 69.50 -5.24 -2.87 N | 83.25 -6.22 -3.73 N | 59.58 -4.65 -1.14 N | 46.42 -3.62 -0.24 N | 64.14 -4.27 -0.72 N | 74.95 -4.67 -1.57 N | 60.24 -3.67 -0.11 N | 72.14 -4.95 -0.85 N | 49.55 -3.39 -0.50 N | 52.76 -4.23 -0.35 N | 40.23 -2.59 0.00 N | 29.62 -1.84 0.00 N | |
| NEPA___ENERGY 23901 | 20.23 -3.10 0.00 N | 29.42 -4.54 0.00 N | 25.06 -3.47 0.00 N | 24.49 -3.79 0.00 N | 14.58 -2.32 0.00 N | 34.73 -4.30 0.00 N | 28.02 -3.58 0.00 N | 49.48 -6.12 0.00 N | 56.27 -7.85 2.91 N | 41.85 -7.30 13.68 N | 29.12 -4.45 2.46 N | 44.64 -6.67 4.13 N | 44.85 -8.57 18.44 N | 52.18 -9.60 23.95 N | 47.73 -8.04 7.32 N | 42.30 -5.97 1.54 N | 55.30 -7.72 4.68 N | 59.76 -7.99 10.31 N | 56.12 -6.99 0.70 N | 62.11 -8.57 5.56 N | 43.02 -6.18 3.25 N | 47.17 -7.19 2.28 N | 37.40 -5.41 0.00 N | 27.69 -3.77 0.00 N | |
| NEVERSINK___HYD 23608 | 23.94 0.60 0.00 N | 34.69 0.73 0.00 N | 29.12 0.59 0.00 N | 28.82 0.55 0.00 N | 17.24 0.34 0.00 N | 40.18 1.14 0.00 N | 32.67 1.06 0.00 N | 57.84 2.24 0.00 N | 69.87 2.91 0.07 N | 65.32 2.83 0.33 N | 37.65 1.67 0.06 N | 57.93 2.60 0.10 N | 74.93 3.51 0.44 N | 89.37 4.21 0.57 N | 65.68 2.77 0.17 N | 52.07 2.30 0.04 N | 70.84 3.26 0.11 N | 81.72 3.92 0.25 N | 67.01 3.22 0.02 N | 79.88 3.77 0.13 N | 54.85 2.48 0.08 N | 59.00 2.41 0.06 N | 44.44 1.62 0.00 N | 32.43 0.97 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 23.22 -0.11 0.00 N | 33.79 -0.18 0.00 N | 28.36 -0.16 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 38.79 -0.24 0.00 N | 31.44 -0.16 0.00 N | 54.90 -0.71 0.00 N | 66.13 -0.90 0.00 N | 61.71 -1.11 0.00 N | 35.34 -0.69 0.00 N | 54.50 -0.94 0.00 N | 71.33 -0.54 0.00 N | 85.28 -0.45 0.00 N | 62.88 -0.20 0.00 N | 49.60 -0.21 0.00 N | 67.42 -0.27 0.00 N | 77.68 -0.36 0.00 N | 62.91 -0.89 0.00 N | 74.72 -1.53 0.00 N | 51.42 -1.03 0.00 N | 55.58 -1.06 0.00 N | 42.13 -0.68 0.00 N | 31.19 -0.28 0.00 N | |
| NIAGARA___ 23760 | 20.49 -2.85 0.00 N | 30.02 -3.95 0.00 N | 25.49 -3.04 0.00 N | 25.04 -3.24 0.00 N | 14.95 -1.95 0.00 N | 34.89 -4.14 0.00 N | 27.76 -3.85 0.00 N | 47.20 -8.40 0.00 N | 52.30 -10.51 4.22 N | 33.13 -9.89 19.80 N | 27.25 -5.22 3.57 N | 41.17 -8.30 5.97 N | 34.32 -10.89 26.65 N | 38.08 -13.04 34.61 N | 42.96 -9.55 10.58 N | 39.99 -7.59 2.23 N | 51.42 -9.49 6.78 N | 52.35 -10.77 14.92 N | 54.34 -8.45 1.01 N | 57.49 -10.71 8.05 N | 40.56 -7.19 4.70 N | 45.06 -8.28 3.31 N | 37.77 -5.05 0.00 N | 28.04 -3.42 0.00 N | |
| NINE_MILE_1 23575 | 22.48 -0.85 0.00 N | 32.70 -1.27 0.00 N | 27.49 -1.04 0.00 N | 27.20 -1.08 0.00 N | 16.26 -0.64 0.00 N | 37.67 -1.36 0.00 N | 30.49 -1.12 0.00 N | 53.58 -2.02 0.00 N | 64.59 -2.45 0.00 N | 60.58 -2.24 0.00 N | 34.83 -1.20 0.00 N | 53.56 -1.87 0.00 N | 69.43 -2.43 0.00 N | 82.81 -2.92 0.00 N | 60.88 -2.21 0.00 N | 48.09 -1.72 0.00 N | 65.55 -2.14 0.00 N | 75.67 -2.38 0.00 N | 61.88 -1.92 0.00 N | 73.80 -2.44 0.00 N | 50.76 -1.69 0.00 N | 54.65 -2.00 0.00 N | 41.38 -1.44 0.00 N | 30.40 -1.07 0.00 N | |
| NINE_MILE_2 | 22.48 | 32.70 | 27.50 | 27.21 | 16.26 | 37.69 | 30.50 | 53.59 | 64.59 | 60.59 | 34.84 | 53.57 | 69.43 | 82.85 | 60.88 | 48.09 | 65.56 | 75.68 | 61.89 | 73.82 | 50.76 | 54.65 | 41.38 | 30.40 | |

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| 23744 | -0.85 0.00 N | -1.27 0.00 N | -1.03 0.00 N | -1.07 0.00 N | -0.64 0.00 N | -1.34 0.00 N | -1.11 0.00 N | -2.01 0.00 N | -2.44 0.00 N | -2.24 0.00 N | -1.20 0.00 N | -1.86 0.00 N | -2.43 0.00 N | -2.88 0.00 N | -2.20 0.00 N | -1.72 0.00 N | -2.14 0.00 N | -2.36 0.00 N | -1.91 0.00 N | -2.43 0.00 N | -1.69 0.00 N | -2.00 0.00 N | -1.44 0.00 N | -1.07 0.00 N |
| NM_CAPITAL___DRP 24208 | 24.32 0.98 0.00 N | 35.29 1.32 0.00 N | 29.60 1.08 0.00 N | 29.32 1.04 0.00 N | 17.55 0.66 0.00 N | 40.78 1.75 0.00 N | 33.03 1.43 0.00 N | 58.45 2.85 0.00 N | 70.58 3.55 0.00 N | 66.05 3.23 0.00 N | 37.98 1.95 0.00 N | 58.46 3.03 0.00 N | 76.05 4.19 0.00 N | 90.89 5.16 0.00 N | 66.49 3.40 0.00 N | 52.47 2.66 0.00 N | 71.64 3.94 0.00 N | 82.78 4.74 0.00 N | 67.71 3.91 0.00 N | 80.86 4.61 0.00 N | 55.29 2.85 0.00 N | 59.48 2.84 0.00 N | 44.85 2.03 0.00 N | 32.84 1.38 0.00 N |
| NM_CENTRAL___DRP 24181 | 22.75 -0.58 0.00 N | 33.06 -0.90 0.00 N | 27.81 -0.71 0.00 N | 27.49 -0.79 0.00 N | 16.41 -0.49 0.00 N | 38.13 -0.90 0.00 N | 30.88 -0.72 0.00 N | 54.37 -1.23 0.00 N | 65.55 -1.48 0.00 N | 61.59 -1.23 0.00 N | 35.42 -0.61 0.00 N | 54.50 -0.93 0.00 N | 70.61 -1.25 0.00 N | 84.29 -1.44 0.00 N | 61.88 -1.21 0.00 N | 48.92 -0.88 0.00 N | 66.76 -0.94 0.00 N | 77.21 -0.84 0.00 N | 63.07 -0.73 0.00 N | 75.17 -1.07 0.00 N | 51.63 -0.82 0.00 N | 55.49 -1.15 0.00 N | 41.95 -0.86 0.00 N | 30.81 -0.65 0.00 N |
| NM_FRONTIER___DRP 24179 | 20.63 -2.70 0.00 N | 30.23 -3.74 0.00 N | 25.66 -2.87 0.00 N | 25.20 -3.08 0.00 N | 15.05 -1.85 0.00 N | 35.14 -3.89 0.00 N | 27.96 -3.65 0.00 N | 47.55 -8.06 0.00 N | 52.75 -10.11 4.17 N | 33.75 -9.48 19.59 N | 27.54 -4.97 3.53 N | 41.60 -7.93 5.90 N | 35.09 -10.41 26.37 N | 39.03 -12.46 34.24 N | 43.51 -9.11 10.46 N | 40.36 -7.24 2.21 N | 52.02 -8.97 6.70 N | 53.18 -10.10 14.76 N | 54.87 -7.93 1.00 N | 58.17 -10.11 7.97 N | 41.03 -6.77 4.65 N | 45.51 -7.86 3.27 N | 38.10 -4.72 0.00 N | 28.27 -3.19 0.00 N |
| NM_ST_REGIS___HYD 24053 | 23.48 0.14 0.00 N | 34.25 0.28 0.00 N | 28.75 0.22 0.00 N | 28.61 0.33 0.00 N | 17.05 0.15 0.00 N | 39.15 0.11 0.00 N | 31.68 0.08 0.00 N | 54.99 -0.62 0.00 N | 66.11 -0.92 0.00 N | 61.56 -1.26 0.00 N | 35.17 -0.87 0.00 N | 54.27 -1.16 0.00 N | 71.20 -0.66 0.00 N | 85.04 -0.69 0.00 N | 62.93 -0.15 0.00 N | 49.56 -0.25 0.00 N | 67.13 -0.57 0.00 N | 77.28 -0.77 0.00 N | 62.43 -1.37 0.00 N | 74.20 -2.05 0.00 N | 51.15 -1.30 0.00 N | 55.53 -1.11 0.00 N | 42.27 -0.54 0.00 N | 31.43 -0.04 0.00 N |
| NORTHPORT___1 23551 | 82.52 1.90 -57.29 N | 64.86 2.62 -28.28 N | 30.65 2.12 0.00 N | 30.31 2.04 0.00 N | 18.06 1.17 0.00 N | 66.03 3.44 -23.56 N | 84.75 2.99 -50.16 N | 86.47 5.39 -25.47 N | 86.72 6.55 -13.13 N | 88.19 6.04 -19.33 N | 89.19 3.35 -49.80 N | 89.67 5.17 -29.07 N | 90.28 6.71 -11.70 N | 92.47 7.28 0.53 N | 88.88 5.33 -20.46 N | 94.57 4.73 -40.04 N | 100.47 6.03 -26.74 N | 87.41 7.09 -2.27 N | 89.78 6.14 -19.83 N | 88.04 7.16 -4.64 N | 88.19 5.00 -30.74 N | 144.74 5.20 -82.90 N | 88.32 3.97 -41.53 N | 75.58 2.68 -41.43 N |
| NORTHPORT___2 23552 | 82.52 1.90 -57.29 N | 64.86 2.62 -28.28 N | 30.65 2.12 0.00 N | 30.31 2.04 0.00 N | 18.06 1.17 0.00 N | 66.03 3.44 -23.56 N | 84.75 2.99 -50.16 N | 86.47 5.39 -25.47 N | 86.72 6.55 -13.13 N | 88.19 6.04 -19.33 N | 89.19 3.35 -49.80 N | 89.67 5.17 -29.07 N | 90.28 6.71 -11.70 N | 92.47 7.28 0.53 N | 88.88 5.33 -20.46 N | 94.57 4.73 -40.04 N | 100.47 6.03 -26.74 N | 87.41 7.09 -2.27 N | 89.78 6.14 -19.83 N | 88.04 7.16 -4.64 N | 88.19 5.00 -30.74 N | 144.74 5.20 -82.90 N | 88.32 3.97 -41.53 N | 75.58 2.68 -41.43 N |
| NORTHPORT___3 23553 | 82.47 1.84 -57.29 N | 64.79 2.55 -28.28 N | 30.58 2.06 0.00 N | 30.25 1.97 0.00 N | 18.02 1.12 0.00 N | 65.91 3.32 -23.56 N | 84.70 2.94 -50.16 N | 86.42 5.34 -25.47 N | 86.69 6.52 -13.13 N | 88.14 5.99 -19.33 N | 89.16 3.32 -49.80 N | 89.65 5.14 -29.07 N | 90.24 6.68 -11.70 N | 92.43 7.23 0.53 N | 88.83 5.29 -20.46 N | 94.52 4.68 -40.04 N | 100.42 5.97 -26.74 N | 87.43 7.11 -2.27 N | 89.80 6.17 -19.83 N | 88.12 7.23 -4.64 N | 88.22 5.03 -30.74 N | 144.74 5.19 -82.90 N | 88.27 3.93 -41.53 N | 75.52 2.62 -41.43 N |
| NORTHPORT___4 23650 | 82.47 1.84 -57.29 N | 64.79 2.55 -28.28 N | 30.58 2.06 0.00 N | 30.25 1.97 0.00 N | 18.02 1.12 0.00 N | 65.91 3.32 -23.56 N | 84.70 2.94 -50.16 N | 86.42 5.34 -25.47 N | 86.69 6.52 -13.13 N | 88.14 5.99 -19.33 N | 89.16 3.32 -49.80 N | 89.65 5.14 -29.07 N | 90.24 6.68 -11.70 N | 92.43 7.23 0.53 N | 88.83 5.29 -20.46 N | 94.52 4.68 -40.04 N | 100.42 5.97 -26.74 N | 87.43 7.11 -2.27 N | 89.80 6.17 -19.83 N | 88.12 7.23 -4.64 N | 88.22 5.03 -30.74 N | 144.74 5.19 -82.90 N | 88.27 3.93 -41.53 N | 75.52 2.62 -41.43 N |
| NORTHPORT___IC 23718 | 82.52 1.90 -57.29 N | 64.86 2.62 -28.28 N | 30.65 2.12 0.00 N | 30.31 2.04 0.00 N | 18.06 1.17 0.00 N | 66.03 3.44 -23.56 N | 84.75 2.99 -50.16 N | 86.47 5.39 -25.47 N | 86.72 6.55 -13.13 N | 88.19 6.04 -19.33 N | 89.19 3.35 -49.80 N | 89.67 5.17 -29.07 N | 90.28 6.71 -11.70 N | 92.47 7.28 0.53 N | 88.88 5.33 -20.46 N | 94.57 4.73 -40.04 N | 100.47 6.03 -26.74 N | 87.41 7.09 -2.27 N | 89.78 6.14 -19.83 N | 88.04 7.16 -4.64 N | 88.19 5.00 -30.74 N | 144.74 5.20 -82.90 N | 88.32 3.97 -41.53 N | 75.58 2.68 -41.43 N |
| NPX_GEN_CSC 323557 | 82.89 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.35 0.00 N | 66.53 3.94 -23.56 N | 85.05 3.28 -50.16 N | 86.76 5.69 -25.47 N | 86.75 6.59 -13.13 N | 88.23 6.08 -19.33 N | 89.23 3.39 -49.80 N | 89.74 5.23 -29.07 N | 90.36 6.79 -11.70 N | 92.49 7.30 0.53 N | 88.97 5.42 -20.46 N | 94.70 4.86 -40.04 N | 100.65 6.20 -26.74 N | 87.66 7.34 -2.27 N | 89.99 6.36 -19.83 N | 88.24 7.36 -4.64 N | 88.39 5.20 -30.74 N | 144.99 5.45 -82.90 N | 88.64 4.29 -41.53 N | 75.93 3.03 -41.43 N |
| NSINS_S_GLNS_FALLS 23858 | 24.07 0.73 0.00 N | 34.88 0.91 0.00 N | 29.24 0.71 0.00 N | 29.01 0.73 0.00 N | 17.37 0.47 0.00 N | 40.48 1.45 0.00 N | 32.80 1.19 0.00 N | 57.64 2.04 0.00 N | 69.69 2.66 0.00 N | 65.09 2.27 0.00 N | 37.47 1.43 0.00 N | 57.76 2.32 0.00 N | 75.19 3.33 0.00 N | 89.96 4.22 0.00 N | 65.68 2.59 0.00 N | 51.70 1.89 0.00 N | 71.02 3.32 0.00 N | 82.29 4.24 0.00 N | 67.24 3.44 0.00 N | 80.19 3.95 0.00 N | 54.59 2.14 0.00 N | 58.63 1.99 0.00 N | 44.13 1.32 0.00 N | 32.32 0.85 0.00 N |
| NUCOR_STEEL___DRP 24197 | 22.19 -1.15 0.00 N | 32.11 -1.86 0.00 N | 27.07 -1.45 0.00 N | 26.80 -1.48 0.00 N | 15.94 -0.96 0.00 N | 37.24 -1.79 0.00 N | 30.18 -1.43 0.00 N | 53.13 -2.48 0.00 N | 64.18 -2.91 -0.06 N | 60.59 -2.54 -0.30 N | 34.82 -1.28 -0.06 N | 53.48 -2.05 -0.09 N | 69.54 -2.73 -0.41 N | 83.06 -3.21 -0.53 N | 60.70 -2.55 -0.16 N | 47.94 -1.90 -0.04 N | 65.73 -2.07 -0.10 N | 76.30 -1.98 -0.23 N | 62.14 -1.68 -0.02 N | 73.98 -2.39 -0.12 N | 50.84 -1.67 -0.07 N | 54.37 -2.33 -0.05 N | 41.06 -1.76 0.00 N | 30.15 -1.32 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 23.33 0.00 0.00 N | 33.97 0.00 0.00 N | 28.52 0.00 0.00 N | 28.28 0.00 0.00 N | 16.90 0.00 0.00 N | 39.03 0.00 0.00 N | 31.60 0.00 0.00 N | 55.60 0.00 0.00 N | 67.03 0.00 0.00 N | 62.82 0.00 0.00 N | 36.04 0.00 0.00 N | 55.43 0.00 0.00 N | 71.86 0.00 0.00 N | 85.73 0.00 0.00 N | 63.09 0.00 0.00 N | 49.81 0.00 0.00 N | 67.70 0.00 0.00 N | 78.05 0.00 0.00 N | 63.80 0.00 0.00 N | 76.24 0.00 0.00 N | 52.45 0.00 0.00 N | 56.64 0.00 0.00 N | 42.82 0.00 0.00 N | 31.47 0.00 0.00 N |

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| NYPA_BRENTWD____GT 24164 | 82.82 2.20 -57.29 N | 65.21 2.97 -28.28 N | 30.93 2.40 0.00 N | 30.59 2.31 0.00 N | 18.21 1.32 0.00 N | 66.46 3.86 -23.56 N | 85.12 3.36 -50.16 N | 87.16 6.08 -25.47 N | 87.55 7.39 -13.13 N | 89.05 6.90 -19.33 N | 89.71 3.86 -49.80 N | 90.47 5.97 -29.07 N | 91.32 7.76 -11.70 N | 93.76 8.56 0.53 N | 89.79 6.25 -20.46 N | 95.30 5.46 -40.04 N | 101.35 6.91 -26.74 N | 88.29 7.97 -2.27 N | 90.49 6.86 -19.83 N | 88.84 7.96 -4.64 N | 88.74 5.55 -30.74 N | 145.44 5.90 -82.90 N | 88.91 4.56 -41.53 N | 76.00 3.11 -41.43 N |
| NYPA_GOWANUS____GT5 24156 | 24.75 1.42 0.00 N | 35.79 1.82 0.00 N | 29.97 1.45 0.00 N | 29.69 1.41 0.00 N | 17.74 0.84 0.00 N | 41.56 2.53 0.00 N | 33.87 2.27 0.00 N | 60.15 4.54 0.00 N | 72.76 5.79 0.06 N | 690.76 5.58 -622.36 N | 91.02 3.30 -51.69 N | 207.98 5.04 -147.50 N | 126.87 6.57 -48.44 N | 140.20 7.76 -46.71 N | 68.76 5.43 -0.24 N | 102.77 4.52 -48.45 N | 86.02 6.12 -12.20 N | 84.84 7.02 0.23 N | 69.62 5.83 0.02 N | 83.10 6.98 0.12 N | 57.18 4.77 0.04 N | 61.42 4.82 0.05 N | 46.28 3.47 0.00 N | 33.67 2.21 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 24.75 1.42 0.00 N | 35.79 1.82 0.00 N | 29.97 1.45 0.00 N | 29.69 1.41 0.00 N | 17.74 0.84 0.00 N | 41.56 2.53 0.00 N | 33.87 2.27 0.00 N | 60.15 4.54 0.00 N | 72.76 5.79 0.06 N | 690.76 5.58 -622.36 N | 91.02 3.30 -51.69 N | 207.98 5.04 -147.50 N | 126.87 6.57 -48.44 N | 140.20 7.76 -46.71 N | 68.76 5.43 -0.24 N | 102.77 4.52 -48.45 N | 86.02 6.12 -12.20 N | 84.84 7.02 0.23 N | 69.62 5.83 0.02 N | 83.10 6.98 0.12 N | 57.18 4.77 0.04 N | 61.42 4.82 0.05 N | 46.28 3.47 0.00 N | 33.67 2.21 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 24.87 1.54 0.00 N | 35.92 1.96 0.00 N | 30.10 1.57 0.00 N | 29.80 1.52 0.00 N | 17.81 0.91 0.00 N | 41.70 2.67 0.00 N | 34.03 2.42 0.00 N | 72.26 4.84 -11.82 N | 74.76 6.14 -1.59 N | 707.32 5.82 -638.68 N | 91.09 3.37 -51.69 N | 208.14 5.21 -147.50 N | 127.17 6.87 -48.44 N | 140.51 8.06 -46.71 N | 68.91 5.59 -0.24 N | 102.86 4.61 -48.45 N | 86.02 6.12 -12.20 N | 84.90 7.09 0.23 N | 69.77 5.98 0.02 N | 83.35 7.23 0.12 N | 57.31 4.90 0.04 N | 61.59 5.01 0.05 N | 46.43 3.62 0.00 N | 33.80 2.33 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 24.87 1.54 0.00 N | 35.92 1.96 0.00 N | 30.10 1.57 0.00 N | 29.80 1.52 0.00 N | 17.81 0.91 0.00 N | 41.70 2.67 0.00 N | 34.03 2.42 0.00 N | 72.26 4.84 -11.82 N | 74.76 6.14 -1.59 N | 707.32 5.82 -638.68 N | 91.09 3.37 -51.69 N | 208.14 5.21 -147.50 N | 127.17 6.87 -48.44 N | 140.51 8.06 -46.71 N | 68.91 5.59 -0.24 N | 102.86 4.61 -48.45 N | 86.02 6.12 -12.20 N | 84.90 7.09 0.23 N | 69.77 5.98 0.02 N | 83.35 7.23 0.12 N | 57.31 4.90 0.04 N | 61.59 5.01 0.05 N | 46.43 3.62 0.00 N | 33.80 2.33 0.00 N |
| NYPA_KENT____GT 24152 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 221.84 5.95 -148.85 N | 742.83 5.66 -674.35 N | 108.89 3.23 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.11 4.42 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.68 3.38 -47.48 N | 80.27 2.18 -46.63 N |
| NYPA_POUCH1____GT 24155 | 24.71 1.38 0.00 N | 35.72 1.76 0.00 N | 29.91 1.39 0.00 N | 29.63 1.35 0.00 N | 17.70 0.80 0.00 N | 41.48 2.45 0.00 N | 33.81 2.21 0.00 N | 71.87 4.44 -11.82 N | 74.29 5.68 -1.59 N | 706.90 5.40 -638.68 N | 90.99 3.26 -51.69 N | 207.87 4.93 -147.50 N | 126.68 6.38 -48.44 N | 139.95 7.51 -46.71 N | 68.58 5.25 -0.24 N | 102.63 4.37 -48.45 N | 85.82 5.92 -12.20 N | 84.66 6.84 0.23 N | 107.87 5.71 -38.36 N | 194.21 6.85 -111.11 N | 106.52 4.64 -49.43 N | 61.27 4.68 0.05 N | 46.17 3.36 0.00 N | 33.59 2.13 0.00 N |
| NYPA_VERNON____GT2 24162 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 222.26 5.95 -149.27 N | 742.83 5.66 -674.35 N | 108.89 3.22 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N |
| NYPA_VERNON____GT3 24163 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 222.26 5.95 -149.27 N | 742.83 5.66 -674.35 N | 108.89 3.22 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N |
| NYPA____ASTORIA_CC1 323568 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 24.78 1.45 0.00 N | 35.83 1.86 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.59 0.00 N | 33.94 2.34 0.00 N | 72.14 4.71 -11.82 N | 75.00 5.96 -2.01 N | 707.17 5.67 -638.68 N | 90.92 3.20 -51.69 N | 207.85 4.92 -147.50 N | 126.92 6.62 -48.44 N | 140.26 7.82 -46.71 N | 68.69 5.36 -0.24 N | 102.65 4.39 -48.45 N | 85.84 5.94 -12.20 N | 84.64 6.82 0.23 N | 69.44 5.65 0.02 N | 82.86 6.74 0.12 N | 56.95 4.55 0.04 N | 61.23 4.64 0.05 N | 46.19 3.37 0.00 N | 33.63 2.16 0.00 N |
| NYPA____HOLTSVILL 23794 | 82.73 2.11 -57.29 N | 65.08 2.84 -28.28 N | 30.81 2.29 0.00 N | 30.48 2.20 0.00 N | 18.15 1.25 0.00 N | 66.30 3.71 -23.56 N | 84.94 3.18 -50.16 N | 86.72 5.64 -25.47 N | 86.89 6.73 -13.13 N | 88.39 6.24 -19.33 N | 89.32 3.48 -49.80 N | 89.87 5.36 -29.07 N | 90.53 6.96 -11.70 N | 92.75 7.55 0.53 N | 89.12 5.58 -20.46 N | 94.81 4.97 -40.04 N | 100.78 6.34 -26.74 N | 87.79 7.46 -2.27 N | 90.09 6.45 -19.83 N | 88.37 7.48 -4.64 N | 88.47 5.28 -30.74 N | 145.04 5.50 -82.90 N | 88.57 4.23 -41.53 N | 75.81 2.91 -41.43 N |
| NYPA____HELLGATE_GT1 24158 | 24.87 1.54 0.00 N | 35.92 1.96 0.00 N | 30.10 1.57 0.00 N | 29.80 1.52 0.00 N | 17.81 0.91 0.00 N | 41.70 2.67 0.00 N | 34.03 2.42 0.00 N | 72.26 4.84 -11.82 N | 74.76 6.14 -1.59 N | 707.32 5.82 -638.68 N | 91.09 3.37 -51.69 N | 208.14 5.21 -147.50 N | 127.17 6.87 -48.44 N | 140.51 8.06 -46.71 N | 68.91 5.59 -0.24 N | 102.86 4.61 -48.45 N | 86.02 6.12 -12.20 N | 84.90 7.09 0.23 N | 69.77 5.98 0.02 N | 83.35 7.23 0.12 N | 57.31 4.90 0.04 N | 61.59 5.01 0.05 N | 46.43 3.62 0.00 N | 33.80 2.33 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 24.87 1.54 0.00 N | 35.92 1.96 0.00 N | 30.10 1.57 0.00 N | 29.80 1.52 0.00 N | 17.81 0.91 0.00 N | 41.70 2.67 0.00 N | 34.03 2.42 0.00 N | 72.26 4.84 -11.82 N | 74.76 6.14 -1.59 N | 707.32 5.82 -638.68 N | 91.09 3.37 -51.69 N | 208.14 5.21 -147.50 N | 127.17 6.87 -48.44 N | 140.51 8.06 -46.71 N | 68.91 5.59 -0.24 N | 102.86 4.61 -48.45 N | 86.02 6.12 -12.20 N | 84.90 7.09 0.23 N | 69.77 5.98 0.02 N | 83.35 7.23 0.12 N | 57.31 4.90 0.04 N | 61.59 5.01 0.05 N | 46.43 3.62 0.00 N | 33.80 2.33 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 |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| NYS_BARGE___HYD 23848 | 20.61 -2.72 0.00 N | 30.17 -3.80 0.00 N | 25.60 -2.92 0.00 N | 25.14 -3.14 0.00 N | 15.01 -1.89 0.00 N | 35.12 -3.91 0.00 N | 28.02 -3.59 0.00 N | 47.76 -7.84 0.00 N | 53.00 -9.81 0.00 N | 33.81 -9.19 19.83 N | 27.63 -4.84 3.57 N | 41.75 -7.70 5.98 N | 35.06 -10.09 26.72 N | 39.00 -12.04 34.69 N | 43.62 -8.87 10.60 N | 40.54 -7.03 2.24 N | 52.07 -8.84 6.78 N | 53.15 -9.96 14.94 N | 54.97 -7.82 1.01 N | 58.21 -9.97 8.06 N | 41.04 -6.70 4.71 N | 45.54 -7.79 3.31 N | 38.05 -4.76 0.00 N | 28.21 -3.26 0.00 N | |
| O.H_GEN_BRUCE 24063 | 20.48 -2.85 0.00 N | 30.02 -3.95 0.00 N | 25.49 -3.04 0.00 N | 25.04 -3.24 0.00 N | 14.95 -1.95 0.00 N | 34.89 -4.14 0.00 N | 27.76 -3.84 0.00 N | 45.00 -9.50 1.52 N | 52.38 -10.41 4.25 N | 33.11 -9.77 19.94 N | 27.28 -5.17 3.59 N | 41.22 -8.21 6.01 N | 34.25 -10.77 26.84 N | 37.99 -12.89 34.85 N | 43.01 -9.43 10.65 N | 40.06 -7.49 2.25 N | 51.51 -9.36 6.82 N | 52.40 -10.62 15.03 N | 54.44 -8.34 1.02 N | 57.55 -10.59 8.11 N | 40.61 -7.10 4.74 N | 45.12 -8.19 3.33 N | 37.79 -5.03 0.00 N | 28.05 -3.42 0.00 N | |
| OAK_ORCHARD___HYD 24046 | 21.72 -1.61 0.00 N | 31.67 -2.30 0.00 N | 26.75 -1.78 0.00 N | 26.37 -1.91 0.00 N | 15.74 -1.16 0.00 N | 36.77 -2.27 0.00 N | 29.61 -1.99 0.00 N | 51.40 -4.21 0.00 N | 62.27 -5.14 -0.39 N | 59.85 -4.78 -1.81 N | 33.94 -2.42 -0.33 N | 52.06 -3.92 -0.54 N | 69.09 -5.20 -2.43 N | 82.69 -6.20 -3.16 N | 59.45 -4.61 -0.96 N | 46.43 -3.58 -0.20 N | 64.13 -4.19 -0.62 N | 74.78 -4.62 -1.36 N | 60.24 -3.66 -0.09 N | 72.10 -4.88 -0.73 N | 49.56 -3.32 -0.43 N | 52.86 -4.08 -0.30 N | 40.26 -2.55 0.00 N | 29.65 -1.81 0.00 N | |
| OCC_CHEM___DRP 24175 | 20.64 -2.70 0.00 N | 30.23 -3.74 0.00 N | 25.66 -2.86 0.00 N | 25.20 -3.08 0.00 N | 15.05 -1.85 0.00 N | 35.15 -3.88 0.00 N | 27.97 -3.64 0.00 N | 47.56 -8.05 0.00 N | 52.81 -10.06 4.17 N | 33.81 -9.44 19.57 N | 27.57 -4.95 3.52 N | 41.64 -7.90 5.90 N | 35.15 -10.37 26.33 N | 39.12 -12.42 34.20 N | 43.58 -9.06 10.45 N | 40.38 -7.22 2.20 N | 52.08 -8.92 6.70 N | 53.23 -10.08 14.74 N | 54.93 -7.88 1.00 N | 58.24 -10.05 7.96 N | 41.06 -6.74 4.65 N | 45.55 -7.83 3.27 N | 38.12 -4.70 0.00 N | 28.28 -3.18 0.00 N | |
| OLIN_CORP_DRP 24177 | 20.57 -2.77 0.00 N | 30.12 -3.85 0.00 N | 25.57 -2.96 0.00 N | 25.11 -3.17 0.00 N | 14.98 -1.92 0.00 N | 35.04 -3.99 0.00 N | 27.89 -3.71 0.00 N | 47.50 -8.11 0.00 N | 52.77 -10.14 4.12 N | 33.96 -9.53 19.33 N | 27.54 -5.02 3.48 N | 41.61 -8.00 5.83 N | 35.33 -10.48 26.05 N | 39.37 -12.53 33.83 N | 43.56 -9.19 10.34 N | 40.33 -7.30 2.18 N | 51.98 -9.10 6.62 N | 53.19 -10.29 14.57 N | 54.74 -8.08 0.99 N | 58.13 -10.25 7.86 N | 40.97 -6.88 4.59 N | 45.42 -7.99 3.23 N | 37.96 -4.86 0.00 N | 28.16 -3.30 0.00 N | |
| ONONDAGA_REF_OCCRA 23987 | 22.84 -0.50 0.00 N | 33.16 -0.81 0.00 N | 27.89 -0.64 0.00 N | 27.57 -0.71 0.00 N | 16.44 -0.45 0.00 N | 38.23 -0.80 0.00 N | 30.99 -0.61 0.00 N | 54.59 -1.02 0.00 N | 65.85 -1.18 0.00 N | 61.87 -0.95 0.00 N | 35.58 -0.45 0.00 N | 54.75 -0.69 0.00 N | 70.92 -0.94 0.00 N | 84.66 -1.07 0.00 N | 62.17 -0.92 0.00 N | 49.14 -0.67 0.00 N | 67.08 -0.62 0.00 N | 77.60 -0.45 0.00 N | 63.39 -0.41 0.00 N | 75.52 -0.72 0.00 N | 51.87 -0.57 0.00 N | 55.74 -0.90 0.00 N | 42.11 -0.70 0.00 N | 30.91 -0.55 0.00 N | |
| ONONDAGA___COGEN 23986 | 22.92 -0.42 0.00 N | 33.27 -0.70 0.00 N | 27.97 -0.55 0.00 N | 27.66 -0.62 0.00 N | 16.51 -0.39 0.00 N | 38.43 -0.61 0.00 N | 31.14 -0.47 0.00 N | 54.85 -0.75 0.00 N | 66.23 -0.85 -0.05 N | 62.40 -0.65 -0.24 N | 35.80 -0.28 -0.04 N | 55.06 -0.44 -0.07 N | 71.57 -0.61 -0.32 N | 85.43 -0.71 -0.41 N | 62.55 -0.66 -0.13 N | 49.39 -0.44 -0.03 N | 67.46 -0.32 -0.08 N | 78.12 -0.10 -0.18 N | 63.69 -0.12 -0.01 N | 75.96 -0.38 -0.10 N | 52.16 -0.34 -0.06 N | 56.05 -0.63 -0.04 N | 42.31 -0.50 0.00 N | 31.05 -0.42 0.00 N | |
| ONTARIO___LFGE 23819 | 21.84 -1.50 0.00 N | 31.75 -2.22 0.00 N | 26.83 -1.70 0.00 N | 26.47 -1.81 0.00 N | 15.75 -1.15 0.00 N | 36.90 -2.13 0.00 N | 29.85 -1.75 0.00 N | 52.28 -3.32 0.00 N | 63.06 -4.08 -0.11 N | 59.67 -3.67 -0.52 N | 34.20 -1.93 -0.09 N | 52.49 -3.10 -0.15 N | 68.46 -4.10 -0.70 N | 81.75 -4.89 -0.90 N | 59.49 -3.87 -0.28 N | 47.00 -2.86 -0.06 N | 64.53 -3.35 -0.18 N | 74.92 -3.51 -0.39 N | 60.90 -2.93 -0.03 N | 72.57 -3.89 -0.21 N | 49.96 -2.61 -0.12 N | 53.36 -3.37 -0.09 N | 40.44 -2.37 0.00 N | 29.74 -1.73 0.00 N | |
| OSWEGATCHIE___HYD 24044 | 23.22 -0.11 0.00 N | 33.79 -0.18 0.00 N | 28.36 -0.16 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 38.79 -0.24 0.00 N | 31.44 -0.16 0.00 N | 54.90 -0.71 0.00 N | 66.13 -0.90 0.00 N | 61.71 -1.11 0.00 N | 35.34 -0.69 0.00 N | 54.50 -0.94 0.00 N | 71.33 -0.54 0.00 N | 85.28 -0.45 0.00 N | 62.88 -0.20 0.00 N | 49.60 -0.21 0.00 N | 67.42 -0.27 0.00 N | 77.68 -0.36 0.00 N | 62.91 -0.89 0.00 N | 74.72 -1.53 0.00 N | 51.42 -1.03 0.00 N | 55.58 -1.06 0.00 N | 42.13 -0.68 0.00 N | 31.19 -0.28 0.00 N | |
| OSWEGO___5 23606 | 22.60 -0.74 0.00 N | 32.88 -1.09 0.00 N | 27.64 -0.89 0.00 N | 27.35 -0.93 0.00 N | 16.33 -0.56 0.00 N | 37.90 -1.13 0.00 N | 30.67 -0.93 0.00 N | 53.93 -1.68 0.00 N | 64.99 -2.04 0.00 N | 60.97 -1.85 0.00 N | 35.05 -0.99 0.00 N | 53.90 -1.53 0.00 N | 69.86 -2.00 0.00 N | 83.38 -2.35 0.00 N | 61.26 -1.82 0.00 N | 48.40 -1.41 0.00 N | 65.97 -1.72 0.00 N | 76.21 -1.84 0.00 N | 62.28 -1.52 0.00 N | 74.30 -1.95 0.00 N | 51.07 -1.37 0.00 N | 54.99 -1.65 0.00 N | 41.62 -1.19 0.00 N | 30.57 -0.89 0.00 N | |
| OSWEGO___6 23613 | 22.60 -0.74 0.00 N | 32.88 -1.09 0.00 N | 27.64 -0.89 0.00 N | 27.35 -0.93 0.00 N | 16.33 -0.56 0.00 N | 37.90 -1.13 0.00 N | 30.67 -0.93 0.00 N | 53.93 -1.68 0.00 N | 64.99 -2.04 0.00 N | 60.97 -1.85 0.00 N | 35.05 -0.99 0.00 N | 53.90 -1.53 0.00 N | 69.86 -2.00 0.00 N | 83.38 -2.35 0.00 N | 61.26 -1.82 0.00 N | 48.40 -1.41 0.00 N | 65.97 -1.72 0.00 N | 76.21 -1.84 0.00 N | 62.28 -1.52 0.00 N | 74.30 -1.95 0.00 N | 51.07 -1.37 0.00 N | 54.99 -1.65 0.00 N | 41.62 -1.19 0.00 N | 30.57 -0.89 0.00 N | |
| OUTOKUMPU-AB___DRP 24206 | 20.71 -2.62 0.00 N | 30.33 -3.64 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.09 -1.81 0.00 N | 35.34 -3.70 0.00 N | 28.20 -3.41 0.00 N | 48.14 -7.46 0.00 N | 53.60 -9.33 4.10 N | 34.88 -8.70 19.24 N | 27.99 -4.58 3.46 N | 42.33 -7.31 5.80 N | 36.36 -9.57 25.92 N | 40.69 -11.38 33.66 N | 44.39 -8.40 10.29 N | 40.98 -6.66 2.17 N | 52.83 -8.28 6.58 N | 54.34 -9.21 14.50 N | 55.54 -7.28 0.98 N | 59.08 -9.34 7.82 N | 41.64 -6.24 4.57 N | 46.11 -7.32 3.21 N | 38.35 -4.46 0.00 N | 28.42 -3.05 0.00 N | |
| OXBOW___ 24026 | 20.71 -2.63 0.00 N | 30.32 -3.65 0.00 N | 25.74 -2.78 0.00 N | 25.28 -3.00 0.00 N | 15.10 -1.80 0.00 N | 35.30 -3.73 0.00 N | 28.13 -3.47 0.00 N | 47.96 -7.65 0.00 N | 53.32 -9.58 4.13 N | 34.48 -8.93 19.40 N | 27.85 -4.69 3.49 N | 42.09 -7.50 5.85 N | 35.91 -9.84 26.12 N | 40.10 -11.72 33.91 N | 44.10 -8.62 10.36 N | 40.78 -6.84 2.18 N | 52.60 -8.46 6.64 N | 53.97 -9.45 14.62 N | 55.36 -7.46 0.99 N | 58.82 -9.53 7.89 N | 41.45 -6.38 4.61 N | 45.94 -7.47 3.24 N | 38.31 -4.51 0.00 N | 28.40 -3.06 0.00 N | |
| PEEKSKILL___ | 24.53 | 35.48 | 29.76 | 29.50 | 17.64 | 41.22 | 33.58 | 59.51 | 71.89 | 67.21 | 38.71 | 59.57 | 77.16 | 92.01 | 67.53 | 53.54 | 72.84 | 83.99 | 68.87 | 82.15 | 56.40 | 60.63 | 45.69 | 33.30 | |

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| 23653 | 1.20 0.00 N | 1.52 0.00 N | 1.24 0.00 N | 1.22 0.00 N | 0.74 0.00 N | 2.19 0.00 N | 1.97 0.00 N | 3.91 0.00 N | 4.93 0.06 N | 4.70 0.30 N | 2.73 0.06 N | 4.23 0.09 N | 5.71 0.41 N | 6.81 0.53 N | 4.60 0.16 N | 3.77 0.04 N | 5.25 0.10 N | 6.18 0.23 N | 5.08 0.02 N | 6.03 0.12 N | 4.03 0.07 N | 4.04 0.05 N | 2.88 0.00 N | 1.84 0.00 N |
| PGE MADISON____WINDPWR 24146 | 23.02 -0.32 0.00 N | 33.26 -0.71 0.00 N | 28.03 -0.50 0.00 N | 27.70 -0.58 0.00 N | 16.50 -0.40 0.00 N | 38.73 -0.30 0.00 N | 31.50 -0.11 0.00 N | 55.82 0.21 0.00 N | 67.21 0.39 0.21 N | 62.47 0.65 1.01 N | 36.33 0.48 0.18 N | 55.82 0.69 0.30 N | 71.34 0.84 1.36 N | 85.11 1.14 1.76 N | 62.98 0.44 0.54 N | 50.24 0.54 0.11 N | 68.67 1.32 0.34 N | 79.45 2.17 0.76 N | 65.33 1.58 0.05 N | 77.33 1.49 0.41 N | 53.04 0.83 0.24 N | 56.79 0.32 0.17 N | 42.78 -0.04 0.00 N | 31.33 -0.13 0.00 N |
| PIERCEFIELD____HYD 23852 | 23.46 0.13 0.00 N | 34.21 0.24 0.00 N | 28.71 0.18 0.00 N | 28.57 0.29 0.00 N | 17.03 0.13 0.00 N | 39.13 0.09 0.00 N | 31.66 0.06 0.00 N | 54.84 -0.76 0.00 N | 65.95 -1.08 0.00 N | 61.37 -1.45 0.00 N | 35.06 -0.97 0.00 N | 54.15 -1.29 0.00 N | 71.20 -0.66 0.00 N | 85.05 -0.68 0.00 N | 62.94 -0.14 0.00 N | 49.56 -0.24 0.00 N | 67.15 -0.54 0.00 N | 77.34 -0.71 0.00 N | 62.36 -1.45 0.00 N | 73.97 -2.27 0.00 N | 51.01 -1.44 0.00 N | 55.37 -1.27 0.00 N | 42.19 -0.62 0.00 N | 31.39 -0.07 0.00 N |
| PINELAWN_CC_1 323563 | 82.80 2.17 -57.29 N | 65.14 2.90 -28.28 N | 30.86 2.34 0.00 N | 30.53 2.25 0.00 N | 18.19 1.29 0.00 N | 66.33 3.73 -23.56 N | 84.94 3.17 -50.16 N | 86.66 5.58 -25.47 N | 86.95 6.79 -13.13 N | 88.59 6.44 -19.33 N | 89.50 3.66 -49.80 N | 90.18 5.68 -29.07 N | 90.99 7.42 -11.70 N | 93.48 8.28 0.53 N | 89.51 5.96 -20.46 N | 95.04 5.20 -40.04 N | 101.25 6.81 -26.74 N | 88.28 7.96 -2.27 N | 90.60 6.97 -19.83 N | 88.97 8.09 -4.64 N | 88.75 5.56 -30.74 N | 145.27 5.72 -82.90 N | 88.71 4.36 -41.53 N | 76.04 3.14 -41.43 N |
| PJM_GEN_KEYSTONE 24065 | 20.64 -2.69 0.00 N | 29.99 -3.98 0.00 N | 25.48 -3.05 0.00 N | 24.93 -3.35 0.00 N | 14.85 -2.05 0.00 N | 35.31 -3.72 0.00 N | 28.53 -3.08 0.00 N | 50.47 -5.14 0.00 N | 58.39 -6.60 2.04 N | 47.09 -6.13 9.60 N | 30.52 -3.79 1.73 N | 46.91 -5.63 2.89 N | 51.71 -7.23 12.92 N | 60.92 -8.05 16.77 N | 51.09 -6.86 5.13 N | 43.68 -5.05 1.08 N | 57.91 -6.50 3.28 N | 100.00 -4.77 -19.22 N | 57.43 -5.88 0.49 N | 65.12 -7.22 3.90 N | 44.91 -5.25 2.28 N | 70.93 -11.25 4.04 N | 37.00 -7.03 6.72 N | 28.17 -3.30 0.00 N |
| PLEASANTVLY____LBMP 24000 | 24.58 1.24 0.00 N | 35.58 1.61 0.00 N | 29.85 1.33 0.00 N | 29.57 1.30 0.00 N | 17.70 0.80 0.00 N | 41.27 2.24 0.00 N | 33.56 1.96 0.00 N | 59.47 3.86 0.00 N | 71.79 4.82 0.06 N | 67.09 4.55 0.28 N | 38.64 2.65 0.05 N | 59.47 4.12 0.08 N | 77.07 5.58 0.38 N | 91.93 6.69 0.49 N | 67.46 4.52 0.15 N | 53.44 3.66 0.03 N | 72.72 5.12 0.10 N | 83.84 6.00 0.21 N | 68.74 4.95 0.01 N | 82.02 5.89 0.11 N | 56.27 3.89 0.07 N | 60.52 3.93 0.05 N | 45.64 2.83 0.00 N | 33.32 1.85 0.00 N |
| POLETTI____ 23519 | 24.73 1.39 0.00 N | 35.75 1.78 0.00 N | 29.98 1.46 0.00 N | 29.70 1.42 0.00 N | 17.75 0.85 0.00 N | 41.54 2.51 0.00 N | 33.88 2.27 0.00 N | 60.17 4.57 0.00 N | 72.77 5.81 0.06 N | 690.77 5.59 -622.36 N | 90.91 3.19 -51.69 N | 207.87 4.94 -147.50 N | 126.87 6.56 -48.44 N | 140.12 7.68 -46.71 N | 68.60 5.27 -0.24 N | 102.67 4.41 -48.45 N | 85.96 6.06 -12.20 N | 84.83 7.02 0.23 N | 69.56 5.77 0.02 N | 82.95 6.82 0.12 N | 57.01 4.60 0.04 N | 61.31 4.72 0.05 N | 46.18 3.36 0.00 N | 33.61 2.15 0.00 N |
| PORT_JEFF_3 23555 | 82.77 2.15 -57.29 N | 65.13 2.88 -28.28 N | 30.86 2.33 0.00 N | 30.51 2.23 0.00 N | 18.16 1.26 0.00 N | 66.33 3.74 -23.56 N | 84.97 3.20 -50.16 N | 86.71 5.64 -25.47 N | 86.86 6.70 -13.13 N | 88.32 6.17 -19.33 N | 89.22 3.38 -49.80 N | 89.71 5.21 -29.07 N | 90.29 6.73 -11.70 N | 92.27 7.07 0.53 N | 88.90 5.35 -20.46 N | 94.79 4.95 -40.04 N | 100.53 6.09 -26.74 N | 87.36 7.04 -2.27 N | 89.79 6.16 -19.83 N | 88.06 7.18 -4.64 N | 88.38 5.19 -30.74 N | 144.95 5.41 -82.90 N | 88.53 4.19 -41.53 N | 75.79 2.89 -41.43 N |
| PORT_JEFF_4 23616 | 82.77 2.15 -57.29 N | 65.13 2.88 -28.28 N | 30.86 2.33 0.00 N | 30.51 2.23 0.00 N | 18.16 1.26 0.00 N | 66.33 3.74 -23.56 N | 84.97 3.20 -50.16 N | 86.71 5.64 -25.47 N | 86.86 6.70 -13.13 N | 88.31 6.16 -19.33 N | 89.22 3.38 -49.80 N | 89.71 5.21 -29.07 N | 90.29 6.73 -11.70 N | 92.27 7.07 0.53 N | 88.90 5.35 -20.46 N | 94.79 4.95 -40.04 N | 100.53 6.09 -26.74 N | 87.36 7.04 -2.27 N | 89.79 6.16 -19.83 N | 88.06 7.18 -4.64 N | 88.38 5.19 -30.74 N | 144.95 5.40 -82.90 N | 88.53 4.19 -41.53 N | 75.79 2.89 -41.43 N |
| PORT_JEFF_IC 23713 | 82.83 2.21 -57.29 N | 65.20 2.96 -28.28 N | 30.92 2.39 0.00 N | 30.57 2.29 0.00 N | 18.20 1.30 0.00 N | 66.42 3.83 -23.56 N | 85.06 3.29 -50.16 N | 86.91 5.83 -25.47 N | 87.13 6.97 -13.13 N | 88.59 6.44 -19.33 N | 89.39 3.55 -49.80 N | 89.97 5.47 -29.07 N | 90.65 7.08 -11.70 N | 92.72 7.52 0.53 N | 89.20 5.65 -20.46 N | 94.99 5.15 -40.04 N | 100.89 6.45 -26.74 N | 87.50 7.18 -2.27 N | 89.90 6.26 -19.83 N | 88.20 7.32 -4.64 N | 88.64 5.45 -30.74 N | 145.21 5.66 -82.90 N | 88.70 4.35 -41.53 N | 75.89 2.99 -41.43 N |
| PPL PILGRIM_ST_GT1 24216 | 82.82 2.20 -57.29 N | 65.21 2.97 -28.28 N | 30.93 2.40 0.00 N | 30.59 2.31 0.00 N | 18.21 1.32 0.00 N | 66.46 3.86 -23.56 N | 85.12 3.36 -50.16 N | 87.16 6.08 -25.47 N | 87.55 7.39 -13.13 N | 89.05 6.90 -19.33 N | 89.71 3.86 -49.80 N | 90.47 5.97 -29.07 N | 91.32 7.76 -11.70 N | 93.76 8.56 0.53 N | 89.79 6.25 -20.46 N | 95.30 5.46 -40.04 N | 101.35 6.91 -26.74 N | 88.29 7.97 -2.27 N | 90.49 6.86 -19.83 N | 88.84 7.96 -4.64 N | 88.74 5.55 -30.74 N | 145.44 5.90 -82.90 N | 88.91 4.56 -41.53 N | 76.00 3.11 -41.43 N |
| PPL PILGRIM_ST_GT2 24217 | 82.82 2.20 -57.29 N | 65.21 2.97 -28.28 N | 30.93 2.40 0.00 N | 30.59 2.31 0.00 N | 18.21 1.32 0.00 N | 66.46 3.86 -23.56 N | 85.12 3.36 -50.16 N | 87.16 6.08 -25.47 N | 87.55 7.39 -13.13 N | 89.05 6.90 -19.33 N | 89.71 3.86 -49.80 N | 90.47 5.97 -29.07 N | 91.32 7.76 -11.70 N | 93.76 8.56 0.53 N | 89.79 6.25 -20.46 N | 95.30 5.46 -40.04 N | 101.35 6.91 -26.74 N | 88.29 7.97 -2.27 N | 90.49 6.86 -19.83 N | 88.84 7.96 -4.64 N | 88.74 5.55 -30.74 N | 145.44 5.90 -82.90 N | 88.91 4.56 -41.53 N | 76.00 3.11 -41.43 N |
| PPL_SHRM_GT3 24213 | 82.95 2.33 -57.29 N | 65.38 3.13 -28.28 N | 31.06 2.54 0.00 N | 30.71 2.43 0.00 N | 18.29 1.40 0.00 N | 66.66 4.06 -23.56 N | 85.16 3.40 -50.16 N | 86.96 5.88 -25.47 N | 87.01 6.85 -13.13 N | 88.47 6.32 -19.33 N | 89.37 3.52 -49.80 N | 89.95 5.45 -29.07 N | 90.62 7.06 -11.70 N | 92.82 7.63 0.53 N | 89.20 5.65 -20.46 N | 94.90 5.06 -40.04 N | 100.94 6.50 -26.74 N | 88.04 7.72 -2.27 N | 90.30 6.66 -19.83 N | 88.60 7.72 -4.64 N | 88.62 5.43 -30.74 N | 145.23 5.69 -82.90 N | 88.80 4.45 -41.53 N | 76.05 3.15 -41.43 N |
| PPL_SHRM_GT4 24214 | 82.95 2.33 -57.29 N | 65.38 3.13 -28.28 N | 31.06 2.54 0.00 N | 30.71 2.43 0.00 N | 18.29 1.40 0.00 N | 66.66 4.06 -23.56 N | 85.16 3.40 -50.16 N | 86.96 5.88 -25.47 N | 87.01 6.85 -13.13 N | 88.47 6.32 -19.33 N | 89.37 3.52 -49.80 N | 89.95 5.45 -29.07 N | 90.62 7.06 -11.70 N | 92.82 7.63 0.53 N | 89.20 5.65 -20.46 N | 94.90 5.06 -40.04 N | 100.94 6.50 -26.74 N | 88.04 7.72 -2.27 N | 90.30 6.66 -19.83 N | 88.60 7.72 -4.64 N | 88.62 5.43 -30.74 N | 145.23 5.69 -82.90 N | 88.80 4.45 -41.53 N | 76.05 3.15 -41.43 N |

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|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| PROJECT___ORANGE 1 24174 | 22.75 -0.58 0.00 N | 33.06 -0.91 0.00 N | 27.80 -0.72 0.00 N | 27.48 -0.80 0.00 N | 16.41 -0.49 0.00 N | 38.11 -0.93 0.00 N | 30.87 -0.74 0.00 N | 54.32 -1.29 0.00 N | 65.49 -1.54 0.00 N | 61.54 -1.28 0.00 N | 35.39 -0.65 0.00 N | 54.46 -0.98 0.00 N | 70.54 -1.32 0.00 N | 84.22 -1.51 0.00 N | 61.83 -1.25 0.00 N | 48.89 -0.92 0.00 N | 66.70 -0.99 0.00 N | 77.13 -0.91 0.00 N | 63.02 -0.78 0.00 N | 75.11 -1.13 0.00 N | 51.58 -0.86 0.00 N | 55.44 -1.20 0.00 N | 41.93 -0.89 0.00 N | 30.79 -0.67 0.00 N |
| PROJECT___ORANGE 2 24166 | 22.75 -0.58 0.00 N | 33.06 -0.91 0.00 N | 27.80 -0.72 0.00 N | 27.48 -0.80 0.00 N | 16.41 -0.49 0.00 N | 38.11 -0.93 0.00 N | 30.87 -0.74 0.00 N | 54.32 -1.29 0.00 N | 65.49 -1.54 0.00 N | 61.54 -1.28 0.00 N | 35.39 -0.65 0.00 N | 54.46 -0.98 0.00 N | 70.54 -1.32 0.00 N | 84.22 -1.51 0.00 N | 61.83 -1.25 0.00 N | 48.89 -0.92 0.00 N | 66.70 -0.99 0.00 N | 77.13 -0.91 0.00 N | 63.02 -0.78 0.00 N | 75.11 -1.13 0.00 N | 51.58 -0.86 0.00 N | 55.44 -1.20 0.00 N | 41.93 -0.89 0.00 N | 30.79 -0.67 0.00 N |
| PYRITES___HYD 24023 | 23.74 0.40 0.00 N | 34.59 0.62 0.00 N | 29.03 0.50 0.00 N | 28.89 0.61 0.00 N | 17.23 0.33 0.00 N | 39.59 0.56 0.00 N | 32.06 0.46 0.00 N | 55.65 0.05 0.00 N | 66.99 -0.04 0.00 N | 62.41 -0.41 0.00 N | 35.65 -0.38 0.00 N | 55.03 -0.40 0.00 N | 72.21 0.35 0.00 N | 86.23 0.50 0.00 N | 63.80 0.71 0.00 N | 50.25 0.45 0.00 N | 68.12 0.42 0.00 N | 78.51 0.46 0.00 N | 63.39 -0.41 0.00 N | 75.28 -0.96 0.00 N | 51.88 -0.57 0.00 N | 56.29 -0.35 0.00 N | 42.80 -0.02 0.00 N | 31.80 0.34 0.00 N |
| RAMAPO___LBMP 323565 | 24.46 1.13 0.00 N | 35.38 1.42 0.00 N | 29.69 1.17 0.00 N | 29.43 1.15 0.00 N | 17.60 0.70 0.00 N | 41.14 2.11 0.00 N | 33.51 1.90 0.00 N | 59.36 3.75 0.00 N | 71.68 4.71 0.06 N | 67.02 4.50 0.30 N | 38.61 2.62 0.06 N | 59.41 4.07 0.09 N | 76.94 5.49 0.41 N | 91.77 6.57 0.53 N | 67.35 4.43 0.16 N | 53.39 3.62 0.04 N | 72.65 5.06 0.10 N | 83.79 5.98 0.23 N | 68.71 4.93 0.02 N | 81.94 5.82 0.12 N | 56.29 3.91 0.07 N | 60.50 3.91 0.05 N | 45.60 2.78 0.00 N | 33.23 1.76 0.00 N |
| RANKINE____ 23646 | 20.66 -2.67 0.00 N | 30.21 -3.76 0.00 N | 25.66 -2.87 0.00 N | 25.18 -3.10 0.00 N | 15.01 -1.89 0.00 N | 35.28 -3.75 0.00 N | 28.22 -3.38 0.00 N | 48.51 -7.09 0.00 N | 54.24 -8.91 3.89 N | 36.27 -8.30 18.25 N | 28.29 -4.46 3.29 N | 42.90 -7.03 5.50 N | 38.09 -9.20 24.57 N | 42.98 -10.84 31.90 N | 45.15 -8.18 9.75 N | 41.35 -6.40 2.06 N | 53.53 -7.92 6.25 N | 55.59 -8.70 13.75 N | 55.90 -6.97 0.93 N | 59.92 -8.89 7.42 N | 42.07 -6.04 4.34 N | 46.50 -7.10 3.05 N | 38.32 -4.50 0.00 N | 28.39 -3.08 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 24.73 1.40 0.00 N | 35.77 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.73 5.77 0.06 N | 690.62 5.44 -622.36 N | 90.81 3.09 -51.69 N | 207.80 4.87 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.72 6.90 0.23 N | 69.46 5.67 0.02 N | 82.86 6.74 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 24.73 1.40 0.00 N | 35.77 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.73 5.77 0.06 N | 690.62 5.44 -622.36 N | 90.81 3.09 -51.69 N | 207.80 4.87 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.72 6.90 0.23 N | 69.46 5.67 0.02 N | 82.86 6.74 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 24.76 1.43 0.00 N | 35.79 1.82 0.00 N | 30.01 1.49 0.00 N | 29.73 1.45 0.00 N | 17.78 0.88 0.00 N | 41.58 2.55 0.00 N | 33.91 2.30 0.00 N | 60.21 4.60 0.00 N | 72.80 5.83 0.06 N | 690.75 5.57 -622.36 N | 90.92 3.20 -51.69 N | 207.88 4.95 -147.50 N | 126.92 6.62 -48.44 N | 140.24 7.80 -46.71 N | 68.69 5.36 -0.24 N | 102.68 4.43 -48.45 N | 85.95 6.06 -12.20 N | 84.81 6.99 0.23 N | 69.53 5.74 0.02 N | 82.95 6.83 0.12 N | 57.01 4.61 0.04 N | 61.31 4.72 0.05 N | 46.19 3.38 0.00 N | 33.64 2.18 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 24.76 1.43 0.00 N | 35.79 1.82 0.00 N | 30.01 1.49 0.00 N | 29.73 1.45 0.00 N | 17.78 0.88 0.00 N | 41.58 2.55 0.00 N | 33.91 2.30 0.00 N | 60.21 4.60 0.00 N | 72.80 5.83 0.06 N | 690.75 5.57 -622.36 N | 90.92 3.20 -51.69 N | 207.88 4.95 -147.50 N | 126.92 6.62 -48.44 N | 140.24 7.80 -46.71 N | 68.69 5.36 -0.24 N | 102.68 4.43 -48.45 N | 85.95 6.06 -12.20 N | 84.81 6.99 0.23 N | 69.53 5.74 0.02 N | 82.95 6.83 0.12 N | 57.01 4.61 0.04 N | 61.31 4.72 0.05 N | 46.19 3.38 0.00 N | 33.64 2.18 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 24.73 1.40 0.00 N | 35.77 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.28 0.00 N | 60.16 4.56 0.00 N | 72.73 5.77 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.17 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.63 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.72 6.90 0.23 N | 69.46 5.67 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.35 0.00 N | 33.61 2.15 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 24.73 1.40 0.00 N | 35.77 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.28 0.00 N | 60.16 4.56 0.00 N | 72.73 5.77 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.17 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.63 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.72 6.90 0.23 N | 69.46 5.67 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.35 0.00 N | 33.61 2.15 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 24.76 1.43 0.00 N | 35.81 1.85 0.00 N | 30.03 1.50 0.00 N | 29.75 1.47 0.00 N | 17.77 0.88 0.00 N | 41.60 2.57 0.00 N | 33.92 2.32 0.00 N | 60.23 4.63 0.00 N | 72.84 5.88 0.06 N | 690.80 5.63 -622.36 N | 90.96 3.23 -51.69 N | 207.92 4.99 -147.50 N | 126.97 6.66 -48.44 N | 140.30 7.86 -46.71 N | 68.73 5.40 -0.24 N | 102.71 4.45 -48.45 N | 86.00 6.10 -12.20 N | 84.85 7.04 0.23 N | 69.57 5.78 0.02 N | 82.99 6.87 0.12 N | 57.05 4.64 0.04 N | 61.34 4.75 0.05 N | 46.22 3.40 0.00 N | 33.65 2.19 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 24.76 1.43 0.00 N | 35.81 1.85 0.00 N | 30.03 1.50 0.00 N | 29.75 1.47 0.00 N | 17.77 0.88 0.00 N | 41.60 2.57 0.00 N | 33.92 2.32 0.00 N | 60.23 4.63 0.00 N | 72.84 5.88 0.06 N | 690.80 5.63 -622.36 N | 90.96 3.23 -51.69 N | 207.92 4.99 -147.50 N | 126.97 6.66 -48.44 N | 140.30 7.86 -46.71 N | 68.73 5.40 -0.24 N | 102.71 4.45 -48.45 N | 86.00 6.10 -12.20 N | 84.85 7.04 0.23 N | 69.57 5.78 0.02 N | 82.99 6.87 0.12 N | 57.05 4.64 0.04 N | 61.34 4.75 0.05 N | 46.22 3.40 0.00 N | 33.65 2.19 0.00 N |
| RAVENSWOOD_GT_1 23729 | 215.84 1.45 -191.05 | 84.55 1.86 -48.73 | 90.85 1.51 -60.81 | 96.06 1.47 -66.30 | 96.04 0.90 -78.24 | 95.23 2.60 -53.59 | 169.79 2.34 -135.85 | 202.04 4.70 -141.73 | 222.26 5.95 -149.27 | 742.83 5.66 -674.35 | 108.89 3.22 -69.63 | 207.86 4.93 -147.50 | 126.92 6.62 -48.44 | 140.25 7.81 -46.71 | 98.30 5.36 -29.85 | 108.10 4.41 -53.89 | 117.28 5.96 -43.62 | 117.15 6.88 -32.22 | 85.83 5.67 -16.36 | 90.74 6.78 -7.72 | 77.99 4.57 -20.97 | 103.16 4.67 -41.85 | 93.67 3.38 -47.48 | 80.27 2.18 -46.63 |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| RAVENSWOOD_GT_10 24258 | 24.73 1.40 0.00 N | 35.76 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.72 5.75 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.16 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.73 6.92 0.23 N | 69.47 5.68 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_11 24259 | 24.73 1.40 0.00 N | 35.76 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.72 5.75 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.16 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.73 6.92 0.23 N | 69.47 5.68 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_4 24252 | 24.73 1.39 0.00 N | 35.76 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.77 0.87 0.00 N | 41.54 2.51 0.00 N | 33.87 2.26 0.00 N | 60.14 4.53 0.00 N | 72.70 5.74 0.06 N | 690.69 5.51 -622.36 N | 90.88 3.16 -51.69 N | 207.82 4.89 -147.50 N | 126.85 6.54 -48.44 N | 140.14 7.70 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.75 6.93 0.23 N | 69.48 5.69 0.02 N | 82.87 6.75 0.12 N | 56.97 4.57 0.04 N | 61.26 4.67 0.05 N | 46.15 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_5 24254 | 24.73 1.39 0.00 N | 35.76 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.77 0.87 0.00 N | 41.54 2.51 0.00 N | 33.87 2.26 0.00 N | 60.14 4.53 0.00 N | 72.70 5.74 0.06 N | 690.69 5.51 -622.36 N | 90.88 3.16 -51.69 N | 207.82 4.89 -147.50 N | 126.85 6.54 -48.44 N | 140.14 7.70 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.75 6.93 0.23 N | 69.48 5.69 0.02 N | 82.87 6.75 0.12 N | 56.97 4.57 0.04 N | 61.26 4.67 0.05 N | 46.15 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_6 24253 | 24.73 1.39 0.00 N | 35.76 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.77 0.87 0.00 N | 41.54 2.51 0.00 N | 33.87 2.26 0.00 N | 60.14 4.53 0.00 N | 72.70 5.74 0.06 N | 690.69 5.51 -622.36 N | 90.88 3.16 -51.69 N | 207.82 4.89 -147.50 N | 126.85 6.54 -48.44 N | 140.14 7.70 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.75 6.93 0.23 N | 69.48 5.69 0.02 N | 82.87 6.75 0.12 N | 56.97 4.57 0.04 N | 61.26 4.67 0.05 N | 46.15 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_7 24255 | 24.73 1.39 0.00 N | 35.76 1.79 0.00 N | 29.99 1.47 0.00 N | 29.71 1.43 0.00 N | 17.77 0.87 0.00 N | 41.54 2.51 0.00 N | 33.87 2.26 0.00 N | 60.14 4.53 0.00 N | 72.70 5.74 0.06 N | 690.69 5.51 -622.36 N | 90.88 3.16 -51.69 N | 207.82 4.89 -147.50 N | 126.85 6.54 -48.44 N | 140.14 7.70 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.37 -48.45 N | 85.89 5.99 -12.20 N | 84.75 6.93 0.23 N | 69.48 5.69 0.02 N | 82.87 6.75 0.12 N | 56.97 4.57 0.04 N | 61.26 4.67 0.05 N | 46.15 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 24.73 1.40 0.00 N | 35.76 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.72 5.75 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.16 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.73 6.92 0.23 N | 69.47 5.68 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD_GT_9 24257 | 24.73 1.40 0.00 N | 35.76 1.80 0.00 N | 30.00 1.47 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.55 2.52 0.00 N | 33.88 2.27 0.00 N | 60.16 4.55 0.00 N | 72.72 5.75 0.06 N | 690.72 5.54 -622.36 N | 90.89 3.16 -51.69 N | 207.83 4.89 -147.50 N | 126.85 6.55 -48.44 N | 140.16 7.72 -46.71 N | 68.62 5.30 -0.24 N | 102.63 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.73 6.92 0.23 N | 69.47 5.68 0.02 N | 82.88 6.76 0.12 N | 56.96 4.56 0.04 N | 61.26 4.67 0.05 N | 46.16 3.34 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD___1 23533 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 222.26 5.95 -149.27 N | 742.83 5.66 -674.35 N | 108.89 3.22 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N | |
| RAVENSWOOD___2 23534 | 215.75 1.37 -191.05 N | 84.43 1.73 -48.73 N | 90.78 1.44 -60.81 N | 96.00 1.42 -66.30 N | 96.00 0.86 -78.24 N | 95.10 2.48 -53.59 N | 169.68 2.22 -135.85 N | 201.80 4.47 -141.73 N | 221.97 5.67 -149.27 N | 742.56 5.39 -674.35 N | 108.73 3.06 -69.63 N | 207.65 4.72 -147.50 N | 126.77 6.48 -48.44 N | 140.14 7.69 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N | |
| RAVENSWOOD___3 23535 | 24.74 1.40 0.00 N | 35.78 1.81 0.00 N | 30.00 1.48 0.00 N | 29.72 1.44 0.00 N | 17.77 0.87 0.00 N | 41.56 2.52 0.00 N | 33.89 2.28 0.00 N | 60.16 4.56 0.00 N | 72.74 5.77 0.06 N | 690.73 5.55 -622.36 N | 90.89 3.17 -51.69 N | 207.84 4.91 -147.50 N | 126.85 6.55 -48.44 N | 140.18 7.74 -46.71 N | 68.63 5.30 -0.24 N | 102.64 4.38 -48.45 N | 85.89 5.99 -12.20 N | 84.73 6.92 0.23 N | 69.48 5.70 0.02 N | 82.88 6.76 0.12 N | 56.97 4.57 0.04 N | 61.26 4.67 0.05 N | 46.16 3.35 0.00 N | 33.61 2.15 0.00 N | |
| RAVENSWOOD___4 23820 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 222.26 5.95 -149.27 N | 742.83 5.66 -674.35 N | 108.89 3.22 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N | |
| RCPL_TRUST___DRP 24196 | 24.77 1.44 0.00 N | 35.82 1.85 0.00 N | 30.04 1.51 0.00 N | 29.75 1.47 0.00 N | 17.78 0.88 0.00 N | 41.62 2.58 0.00 N | 33.93 2.33 0.00 N | 60.26 4.66 0.00 N | 72.88 5.92 0.06 N | 690.87 5.70 -622.36 N | 91.00 3.27 -51.69 N | 208.01 5.08 -147.50 N | 127.08 6.78 -48.44 N | 140.44 7.99 -46.71 N | 68.82 5.49 -0.24 N | 102.79 4.54 -48.45 N | 86.16 6.25 -12.20 N | 85.05 7.24 0.23 N | 69.71 5.93 0.02 N | 83.14 7.02 0.12 N | 57.12 4.71 0.04 N | 61.41 4.82 0.05 N | 46.25 3.43 0.00 N | 33.67 2.21 0.00 N | |
| RENSSELAER___COGEN | 24.30 | 35.26 | 29.59 | 29.29 | 17.53 | 40.76 | 33.02 | 58.40 | 70.53 | 65.99 | 37.95 | 58.41 | 75.98 | 90.80 | 66.42 | 52.42 | 71.56 | 82.67 | 67.63 | 80.77 | 55.24 | 59.45 | 44.81 | 32.82 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| 23796 | 0.96 0.00 N | 1.29 0.00 N | 1.06 0.00 N | 1.01 0.00 N | 0.63 0.00 N | 1.73 0.00 N | 1.42 0.00 N | 2.80 0.00 N | 3.50 0.00 N | 3.17 0.00 N | 1.91 0.00 N | 2.97 0.00 N | 4.11 0.00 N | 5.06 0.00 N | 3.34 0.00 N | 2.62 0.00 N | 3.86 0.00 N | 4.63 0.00 N | 3.83 0.00 N | 4.52 0.00 N | 2.79 0.00 N | 2.81 0.00 N | 2.00 0.00 N | 1.35 0.00 N |
| REVERE_CPPR_DRP 24186 | 23.49 0.16 0.00 N | 34.08 0.11 0.00 N | 28.67 0.14 0.00 N | 28.38 0.10 0.00 N | 16.95 0.05 0.00 N | 39.36 0.33 0.00 N | 31.99 0.38 0.00 N | 56.54 0.94 0.00 N | 68.27 1.24 0.00 N | 64.15 1.33 0.00 N | 36.86 0.83 0.00 N | 56.79 1.35 0.00 N | 73.65 1.79 0.00 N | 87.95 2.21 0.00 N | 64.53 1.45 0.00 N | 51.04 1.23 0.00 N | 69.69 2.00 0.00 N | 80.69 2.64 0.00 N | 65.82 2.02 0.00 N | 78.41 2.17 0.00 N | 53.79 1.34 0.00 N | 57.72 1.08 0.00 N | 43.39 0.58 0.00 N | 31.86 0.39 0.00 N |
| ROCHESTER_9_IC 23652 | 21.97 -1.36 0.00 N | 32.02 -1.95 0.00 N | 27.03 -1.49 0.00 N | 26.64 -1.63 0.00 N | 15.92 -0.97 0.00 N | 37.21 -1.83 0.00 N | 30.00 -1.60 0.00 N | 52.14 -3.47 0.00 N | 63.22 -4.19 -0.37 N | 60.71 -3.87 -1.76 N | 34.46 -1.90 -0.32 N | 52.87 -3.10 -0.54 N | 70.11 -4.15 -2.40 N | 83.93 -4.92 -3.12 N | 60.35 -3.69 -0.95 N | 47.18 -2.83 -0.20 N | 65.20 -3.10 -0.60 N | 76.04 -3.34 -1.33 N | 61.27 -2.63 -0.09 N | 73.28 -3.68 -0.71 N | 50.34 -2.52 -0.42 N | 53.68 -3.26 -0.29 N | 40.85 -1.96 0.00 N | 30.04 -1.42 0.00 N |
| ROSETON___1 23587 | 24.51 1.18 0.00 N | 35.50 1.53 0.00 N | 29.78 1.26 0.00 N | 29.50 1.22 0.00 N | 17.64 0.74 0.00 N | 41.17 2.14 0.00 N | 33.49 1.89 0.00 N | 59.31 3.71 0.00 N | 71.62 4.65 0.06 N | 66.91 4.39 0.30 N | 38.55 2.57 0.06 N | 59.32 3.98 0.09 N | 76.83 5.38 0.41 N | 91.63 6.43 0.53 N | 67.27 4.34 0.16 N | 53.31 3.53 0.04 N | 72.53 4.93 0.10 N | 83.60 5.79 0.23 N | 68.56 4.77 0.02 N | 81.79 5.67 0.12 N | 56.13 3.76 0.07 N | 60.38 3.79 0.05 N | 45.54 2.72 0.00 N | 33.23 1.76 0.00 N |
| ROSETON___2 23588 | 24.51 1.18 0.00 N | 35.50 1.53 0.00 N | 29.78 1.26 0.00 N | 29.50 1.22 0.00 N | 17.64 0.74 0.00 N | 41.17 2.14 0.00 N | 33.49 1.89 0.00 N | 59.31 3.71 0.00 N | 71.62 4.65 0.06 N | 66.91 4.39 0.30 N | 38.55 2.57 0.06 N | 59.32 3.98 0.09 N | 76.83 5.38 0.41 N | 91.63 6.43 0.53 N | 67.27 4.34 0.16 N | 53.31 3.53 0.04 N | 72.53 4.93 0.10 N | 83.60 5.79 0.23 N | 68.56 4.77 0.02 N | 81.79 5.67 0.12 N | 56.13 3.76 0.07 N | 60.38 3.79 0.05 N | 45.54 2.72 0.00 N | 33.23 1.76 0.00 N |
| RUSSELL___1 23602 | 21.76 -1.57 0.00 N | 31.92 -2.04 0.00 N | 26.99 -1.54 0.00 N | 26.60 -1.68 0.00 N | 15.88 -1.02 0.00 N | 37.24 -1.79 0.00 N | 30.19 -1.42 0.00 N | 52.42 -3.18 0.00 N | 63.39 -4.00 -0.36 N | 60.59 -3.90 -1.67 N | 34.54 -1.79 -0.30 N | 52.89 -3.05 -0.50 N | 69.80 -4.31 -2.24 N | 83.45 -5.19 -2.91 N | 60.07 -3.91 -0.89 N | 47.22 -2.78 -0.19 N | 65.39 -2.87 -0.57 N | 75.97 -3.33 -1.26 N | 61.11 -2.78 -0.08 N | 72.85 -4.07 -0.68 N | 50.17 -2.68 -0.40 N | 53.34 -3.58 -0.28 N | 40.68 -2.13 0.00 N | 29.99 -1.47 0.00 N |
| RUSSELL___2 23532 | 21.76 -1.57 0.00 N | 31.92 -2.04 0.00 N | 26.99 -1.54 0.00 N | 26.60 -1.68 0.00 N | 15.88 -1.02 0.00 N | 37.24 -1.79 0.00 N | 30.19 -1.42 0.00 N | 52.42 -3.18 0.00 N | 63.39 -4.00 -0.36 N | 60.59 -3.90 -1.67 N | 34.54 -1.79 -0.30 N | 52.89 -3.05 -0.50 N | 69.80 -4.31 -2.24 N | 83.45 -5.19 -2.91 N | 60.07 -3.91 -0.89 N | 47.22 -2.78 -0.19 N | 65.39 -2.87 -0.57 N | 75.97 -3.33 -1.26 N | 61.11 -2.78 -0.08 N | 72.85 -4.07 -0.68 N | 50.17 -2.68 -0.40 N | 53.34 -3.58 -0.28 N | 40.68 -2.13 0.00 N | 29.99 -1.47 0.00 N |
| RUSSELL___3 23549 | 21.85 -1.48 0.00 N | 31.93 -2.04 0.00 N | 26.97 -1.56 0.00 N | 26.58 -1.70 0.00 N | 15.88 -1.02 0.00 N | 37.15 -1.88 0.00 N | 29.99 -1.62 0.00 N | 52.11 -3.49 0.00 N | 63.11 -4.30 -0.37 N | 60.54 -4.05 -1.76 N | 34.42 -1.94 -0.32 N | 52.78 -3.20 -0.54 N | 69.88 -4.38 -2.40 N | 83.61 -5.24 -3.12 N | 60.13 -3.91 -0.95 N | 47.11 -2.90 -0.20 N | 65.11 -3.20 -0.60 N | 75.75 -3.63 -1.33 N | 60.98 -2.91 -0.09 N | 72.88 -4.08 -0.71 N | 50.15 -2.72 -0.42 N | 53.43 -3.50 -0.29 N | 40.72 -2.10 0.00 N | 29.97 -1.49 0.00 N |
| RUSSELL___4 23556 | 21.76 -1.57 0.00 N | 31.92 -2.05 0.00 N | 26.99 -1.54 0.00 N | 26.60 -1.68 0.00 N | 15.87 -1.03 0.00 N | 37.24 -1.79 0.00 N | 30.17 -1.43 0.00 N | 52.41 -3.19 0.00 N | 63.38 -4.01 -0.36 N | 60.55 -3.93 -1.67 N | 34.53 -1.81 -0.30 N | 52.88 -3.05 -0.50 N | 69.78 -4.32 -2.24 N | 83.41 -5.23 -2.91 N | 60.05 -3.93 -0.89 N | 47.21 -2.78 -0.19 N | 65.37 -2.90 -0.57 N | 75.94 -3.36 -1.26 N | 61.09 -2.80 -0.08 N | 72.83 -4.09 -0.68 N | 50.16 -2.68 -0.40 N | 53.32 -3.60 -0.28 N | 40.66 -2.16 0.00 N | 29.99 -1.48 0.00 N |
| RUSSELL___STATION 23914 | 21.85 -1.48 0.00 N | 31.93 -2.04 0.00 N | 26.97 -1.56 0.00 N | 26.58 -1.70 0.00 N | 15.88 -1.02 0.00 N | 37.15 -1.88 0.00 N | 29.99 -1.62 0.00 N | 52.11 -3.49 0.00 N | 63.11 -4.30 -0.37 N | 60.54 -4.05 -1.76 N | 34.42 -1.94 -0.32 N | 52.78 -3.20 -0.54 N | 69.88 -4.38 -2.40 N | 83.61 -5.24 -3.12 N | 60.13 -3.91 -0.95 N | 47.11 -2.90 -0.20 N | 65.11 -3.20 -0.60 N | 75.75 -3.63 -1.33 N | 60.98 -2.91 -0.09 N | 72.88 -4.08 -0.71 N | 50.15 -2.72 -0.42 N | 53.43 -3.50 -0.29 N | 40.72 -2.10 0.00 N | 29.97 -1.49 0.00 N |
| S SALMON___HYD 24043 | 22.76 -0.57 0.00 N | 33.04 -0.92 0.00 N | 27.76 -0.76 0.00 N | 27.46 -0.82 0.00 N | 16.43 -0.47 0.00 N | 38.06 -0.97 0.00 N | 30.78 -0.82 0.00 N | 54.22 -1.38 0.00 N | 65.43 -1.60 0.00 N | 61.65 -1.17 0.00 N | 35.50 -0.54 0.00 N | 54.60 -0.84 0.00 N | 70.79 -1.07 0.00 N | 84.51 -1.22 0.00 N | 62.06 -1.03 0.00 N | 48.97 -0.84 0.00 N | 66.68 -1.02 0.00 N | 77.13 -0.91 0.00 N | 62.94 -0.87 0.00 N | 74.97 -1.27 0.00 N | 51.64 -0.81 0.00 N | 55.58 -1.06 0.00 N | 41.96 -0.86 0.00 N | 30.77 -0.70 0.00 N |
| SELKIRK___II 23799 | 23.87 0.54 0.00 N | 34.68 0.71 0.00 N | 29.10 0.58 0.00 N | 28.80 0.52 0.00 N | 17.24 0.34 0.00 N | 40.00 0.96 0.00 N | 32.39 0.78 0.00 N | 57.25 1.64 0.00 N | 69.07 2.04 0.00 N | 64.67 1.84 0.00 N | 37.17 1.13 0.00 N | 57.22 1.78 0.00 N | 74.38 2.52 0.00 N | 88.85 3.12 0.00 N | 65.07 1.98 0.00 N | 51.37 1.57 0.00 N | 69.97 2.27 0.00 N | 80.75 2.71 0.00 N | 66.08 2.28 0.00 N | 78.97 2.72 0.00 N | 54.10 1.65 0.00 N | 58.27 1.63 0.00 N | 43.96 1.15 0.00 N | 32.23 0.76 0.00 N |
| SELKIRK___I 23801 | 24.01 0.67 0.00 N | 34.85 0.88 0.00 N | 29.25 0.72 0.00 N | 28.94 0.66 0.00 N | 17.33 0.43 0.00 N | 40.18 1.14 0.00 N | 32.48 0.87 0.00 N | 57.42 1.81 0.00 N | 69.33 2.29 0.00 N | 64.92 2.10 0.00 N | 37.34 1.30 0.00 N | 57.45 2.02 0.00 N | 74.67 2.81 0.00 N | 89.18 3.44 0.00 N | 65.31 2.23 0.00 N | 51.58 1.77 0.00 N | 70.28 2.58 0.00 N | 81.11 3.07 0.00 N | 66.37 2.57 0.00 N | 79.29 3.05 0.00 N | 54.33 1.89 0.00 N | 58.50 1.86 0.00 N | 44.11 1.30 0.00 N | 32.31 0.85 0.00 N |
| SENECA OSWGO___HYD 24041 | 22.70 -0.63 0.00 N | 32.98 -0.99 0.00 N | 27.72 -0.81 0.00 N | 27.40 -0.87 0.00 N | 16.38 -0.52 0.00 N | 38.05 -0.99 0.00 N | 30.83 -0.78 0.00 N | 54.26 -1.34 0.00 N | 65.47 -1.56 0.00 N | 61.50 -1.33 0.00 N | 35.37 -0.66 0.00 N | 54.40 -1.04 0.00 N | 70.48 -1.38 0.00 N | 84.14 -1.59 0.00 N | 61.79 -1.30 0.00 N | 48.83 -0.98 0.00 N | 66.62 -1.07 0.00 N | 77.04 -1.01 0.00 N | 62.95 -0.85 0.00 N | 75.03 -1.22 0.00 N | 51.54 -0.91 0.00 N | 55.44 -1.21 0.00 N | 41.90 -0.91 0.00 N | 30.74 -0.73 0.00 N |

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|---------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| SENECA___ENERGY 23797 | 22.17 -1.17 0.00 N | 32.20 -1.77 0.00 N | 27.16 -1.37 0.00 N | 26.81 -1.47 0.00 N | 15.97 -0.93 0.00 N | 37.34 -1.69 0.00 N | 30.25 -1.36 0.00 N | 53.09 -2.51 0.00 N | 64.05 -3.07 -0.09 N | 60.53 -2.71 -0.42 N | 34.71 -1.40 -0.08 N | 53.31 -2.25 -0.13 N | 69.45 -2.98 -0.57 N | 82.93 -3.55 -0.74 N | 60.48 -2.83 -0.22 N | 47.77 -2.09 -0.05 N | 65.48 -2.36 -0.14 N | 75.97 -2.39 -0.32 N | 61.83 -2.00 -0.02 N | 73.67 -2.75 -0.17 N | 50.65 -1.89 -0.10 N | 54.23 -2.49 -0.07 N | 41.03 -1.78 0.00 N | 30.14 -1.33 0.00 N |
| SHOEMAKER___GT 23640 | 24.35 1.02 0.00 N | 35.27 1.30 0.00 N | 29.59 1.07 0.00 N | 29.31 1.03 0.00 N | 17.54 0.64 0.00 N | 40.90 1.87 0.00 N | 33.27 1.66 0.00 N | 58.89 3.28 0.00 N | 71.10 4.14 0.06 N | 66.46 3.94 0.30 N | 38.27 2.29 0.06 N | 58.91 3.57 0.09 N | 76.27 4.82 0.41 N | 90.99 5.79 0.53 N | 66.80 3.87 0.16 N | 52.92 3.15 0.04 N | 72.01 4.42 0.10 N | 83.05 5.23 0.23 N | 68.09 4.30 0.02 N | 81.20 5.08 0.12 N | 55.75 3.37 0.07 N | 59.97 3.38 0.05 N | 45.21 2.40 0.00 N | 33.00 1.54 0.00 N |
| SHOREHAM_IC_1 23715 | 82.95 2.33 -57.29 N | 65.38 3.13 -28.28 N | 31.06 2.54 0.00 N | 30.71 2.43 0.00 N | 18.29 1.40 0.00 N | 66.66 4.06 -23.56 N | 85.16 3.40 -50.16 N | 86.96 5.88 -25.47 N | 87.01 6.85 -13.13 N | 88.47 6.32 -19.33 N | 89.37 3.52 -49.80 N | 89.95 5.45 -29.07 N | 90.62 7.06 -11.70 N | 92.82 7.63 0.53 N | 89.20 5.65 -20.46 N | 94.90 5.06 -40.04 N | 100.94 6.50 -26.74 N | 88.04 7.72 -2.27 N | 90.30 6.66 -19.83 N | 88.60 7.72 -4.64 N | 88.62 5.43 -30.74 N | 145.23 5.69 -82.90 N | 88.80 4.45 -41.53 N | 76.05 3.15 -41.43 N |
| SHOREHAM_IC_2 23716 | 82.95 2.33 -57.29 N | 65.38 3.13 -28.28 N | 31.06 2.54 0.00 N | 30.71 2.43 0.00 N | 18.29 1.40 0.00 N | 66.66 4.06 -23.56 N | 85.16 3.40 -50.16 N | 86.96 5.88 -25.47 N | 87.01 6.85 -13.13 N | 88.47 6.32 -19.33 N | 89.37 3.52 -49.80 N | 89.95 5.45 -29.07 N | 90.62 7.06 -11.70 N | 92.82 7.63 0.53 N | 89.20 5.65 -20.46 N | 94.90 5.06 -40.04 N | 100.94 6.50 -26.74 N | 88.04 7.72 -2.27 N | 90.30 6.66 -19.83 N | 88.60 7.72 -4.64 N | 88.62 5.43 -30.74 N | 145.23 5.69 -82.90 N | 88.80 4.45 -41.53 N | 76.05 3.15 -41.43 N |
| SISSONVILLE___ 23735 | 23.46 0.13 0.00 N | 34.21 0.24 0.00 N | 28.71 0.18 0.00 N | 28.57 0.29 0.00 N | 17.03 0.13 0.00 N | 39.13 0.09 0.00 N | 31.66 0.06 0.00 N | 54.84 -0.76 0.00 N | 65.95 -1.08 0.00 N | 61.37 -1.45 0.00 N | 35.06 -0.97 0.00 N | 54.15 -1.29 0.00 N | 71.20 -0.66 0.00 N | 85.05 -0.68 0.00 N | 62.94 -0.14 0.00 N | 49.56 -0.24 0.00 N | 67.15 -0.54 0.00 N | 77.34 -0.71 0.00 N | 62.36 -1.45 0.00 N | 73.97 -2.27 0.00 N | 51.01 -1.44 0.00 N | 55.37 -1.27 0.00 N | 42.19 -0.62 0.00 N | 31.39 -0.07 0.00 N |
| SITHE_IND_GS1 24169 | 22.48 -0.85 0.00 N | 32.72 -1.25 0.00 N | 27.50 -1.02 0.00 N | 27.22 -1.06 0.00 N | 16.26 -0.63 0.00 N | 37.71 -1.33 0.00 N | 30.51 -1.09 0.00 N | 53.61 -1.99 0.00 N | 64.64 -2.40 0.00 N | 60.63 -2.19 0.00 N | 34.86 -1.18 0.00 N | 53.59 -1.84 0.00 N | 69.46 -2.40 0.00 N | 82.88 -2.85 0.00 N | 60.92 -2.17 0.00 N | 48.13 -1.68 0.00 N | 65.60 -2.10 0.00 N | 75.74 -2.30 0.00 N | 61.92 -1.88 0.00 N | 73.85 -2.39 0.00 N | 50.78 -1.67 0.00 N | 54.68 -1.96 0.00 N | 41.40 -1.41 0.00 N | 30.42 -1.05 0.00 N |
| SITHE_IND_GS2 24170 | 22.48 -0.85 0.00 N | 32.72 -1.25 0.00 N | 27.50 -1.02 0.00 N | 27.22 -1.06 0.00 N | 16.26 -0.63 0.00 N | 37.71 -1.33 0.00 N | 30.51 -1.09 0.00 N | 53.61 -1.99 0.00 N | 64.64 -2.40 0.00 N | 60.63 -2.19 0.00 N | 34.86 -1.18 0.00 N | 53.59 -1.84 0.00 N | 69.46 -2.40 0.00 N | 82.88 -2.85 0.00 N | 60.92 -2.17 0.00 N | 48.13 -1.68 0.00 N | 65.60 -2.10 0.00 N | 75.74 -2.30 0.00 N | 61.92 -1.88 0.00 N | 73.85 -2.39 0.00 N | 50.78 -1.67 0.00 N | 54.68 -1.96 0.00 N | 41.40 -1.41 0.00 N | 30.42 -1.05 0.00 N |
| SITHE_IND_GS3 24171 | 22.48 -0.85 0.00 N | 32.72 -1.25 0.00 N | 27.50 -1.02 0.00 N | 27.22 -1.06 0.00 N | 16.26 -0.63 0.00 N | 37.71 -1.33 0.00 N | 30.51 -1.09 0.00 N | 53.61 -1.99 0.00 N | 64.64 -2.40 0.00 N | 60.63 -2.19 0.00 N | 34.86 -1.18 0.00 N | 53.59 -1.84 0.00 N | 69.46 -2.40 0.00 N | 82.88 -2.85 0.00 N | 60.92 -2.17 0.00 N | 48.13 -1.68 0.00 N | 65.60 -2.10 0.00 N | 75.74 -2.30 0.00 N | 61.92 -1.88 0.00 N | 73.85 -2.39 0.00 N | 50.78 -1.67 0.00 N | 54.68 -1.96 0.00 N | 41.40 -1.41 0.00 N | 30.42 -1.05 0.00 N |
| SITHE_IND_GS4 24172 | 22.48 -0.85 0.00 N | 32.72 -1.25 0.00 N | 27.50 -1.02 0.00 N | 27.22 -1.06 0.00 N | 16.26 -0.63 0.00 N | 37.71 -1.33 0.00 N | 30.51 -1.09 0.00 N | 53.61 -1.99 0.00 N | 64.64 -2.40 0.00 N | 60.63 -2.19 0.00 N | 34.86 -1.18 0.00 N | 53.59 -1.84 0.00 N | 69.46 -2.40 0.00 N | 82.88 -2.85 0.00 N | 60.92 -2.17 0.00 N | 48.13 -1.68 0.00 N | 65.60 -2.10 0.00 N | 75.74 -2.30 0.00 N | 61.92 -1.88 0.00 N | 73.85 -2.39 0.00 N | 50.78 -1.67 0.00 N | 54.68 -1.96 0.00 N | 41.40 -1.41 0.00 N | 30.42 -1.05 0.00 N |
| SITHE___BATAVIA 24024 | 21.34 -1.99 0.00 N | 31.15 -2.82 0.00 N | 26.39 -2.14 0.00 N | 25.94 -2.34 0.00 N | 15.49 -1.41 0.00 N | 36.33 -2.71 0.00 N | 29.13 -2.47 0.00 N | 50.12 -5.48 0.00 N | 60.86 -6.80 -0.62 N | 59.39 -6.34 -2.91 N | 33.32 -3.24 -0.52 N | 50.67 -5.69 -0.92 N | 68.46 -7.51 -4.10 N | 82.15 -8.91 -5.33 N | 58.10 -6.61 -1.63 N | 44.90 -5.25 -0.34 N | 61.92 -6.77 -1.00 N | 72.71 -7.53 -2.19 N | 58.02 -5.93 -0.15 N | 69.70 -7.72 -1.18 N | 47.89 -5.25 -0.69 N | 50.86 -6.27 -0.49 N | 38.92 -3.89 0.00 N | 28.72 -2.75 0.00 N |
| SITHE___INDEPEND 23800 | 22.48 -0.85 0.00 N | 32.72 -1.25 0.00 N | 27.50 -1.02 0.00 N | 27.22 -1.06 0.00 N | 16.26 -0.63 0.00 N | 37.71 -1.33 0.00 N | 30.51 -1.09 0.00 N | 53.61 -1.99 0.00 N | 64.64 -2.40 0.00 N | 60.63 -2.19 0.00 N | 34.86 -1.18 0.00 N | 53.59 -1.84 0.00 N | 69.46 -2.40 0.00 N | 82.88 -2.85 0.00 N | 60.92 -2.17 0.00 N | 48.13 -1.68 0.00 N | 65.60 -2.10 0.00 N | 75.74 -2.30 0.00 N | 61.92 -1.88 0.00 N | 73.85 -2.39 0.00 N | 50.78 -1.67 0.00 N | 54.68 -1.96 0.00 N | 41.40 -1.41 0.00 N | 30.42 -1.05 0.00 N |
| SITHE___MASSENA 23902 | 23.51 0.18 0.00 N | 34.32 0.34 0.00 N | 28.80 0.28 0.00 N | 28.66 0.39 0.00 N | 17.09 0.20 0.00 N | 39.21 0.17 0.00 N | 31.72 0.12 0.00 N | 55.39 -0.21 0.00 N | 66.64 -0.39 0.00 N | 62.32 -0.50 0.00 N | 35.61 -0.43 0.00 N | 54.83 -0.60 0.00 N | 71.21 -0.65 0.00 N | 84.90 -0.84 0.00 N | 62.86 -0.23 0.00 N | 49.49 -0.32 0.00 N | 66.97 -0.73 0.00 N | 77.11 -0.94 0.00 N | 62.84 -0.97 0.00 N | 75.09 -1.16 0.00 N | 51.81 -0.64 0.00 N | 56.26 -0.39 0.00 N | 42.65 -0.17 0.00 N | 31.57 0.11 0.00 N |
| SITHE___OGDNSBRG 24021 | 23.87 0.54 0.00 N | 34.82 0.85 0.00 N | 29.21 0.69 0.00 N | 29.08 0.80 0.00 N | 17.34 0.45 0.00 N | 39.81 0.78 0.00 N | 32.23 0.63 0.00 N | 56.21 0.61 0.00 N | 67.63 0.60 0.00 N | 63.20 0.38 0.00 N | 36.09 0.05 0.00 N | 55.63 0.19 0.00 N | 72.46 0.60 0.00 N | 86.44 0.71 0.00 N | 64.00 0.91 0.00 N | 50.40 0.60 0.00 N | 68.23 0.53 0.00 N | 78.65 0.60 0.00 N | 63.86 0.06 0.00 N | 76.16 -0.09 0.00 N | 52.52 0.07 0.00 N | 57.01 0.37 0.00 N | 43.23 0.41 0.00 N | 32.05 0.59 0.00 N |
| SITHE___STERLING 23777 | 23.28 -0.06 0.00 N | 33.79 -0.17 0.00 N | 28.44 -0.09 0.00 N | 28.16 -0.12 0.00 N | 16.80 -0.09 0.00 N | 39.05 0.02 0.00 N | 31.69 0.09 0.00 N | 55.99 0.39 0.00 N | 67.57 0.54 0.00 N | 63.47 0.66 0.00 N | 36.48 0.45 0.00 N | 56.24 0.80 0.00 N | 72.92 1.06 0.00 N | 87.04 1.31 0.00 N | 63.90 0.81 0.00 N | 50.51 0.71 0.00 N | 68.95 1.25 0.00 N | 79.79 1.74 0.00 N | 65.15 1.35 0.00 N | 77.62 1.37 0.00 N | 53.28 0.83 0.00 N | 57.19 0.55 0.00 N | 43.00 0.19 0.00 N | 31.61 0.15 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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| SOUTH CAIRO___GT 23612 | 24.85 1.51 0.00 N | 35.98 2.01 0.00 N | 30.18 1.66 0.00 N | 29.87 1.59 0.00 N | 17.87 0.97 0.00 N | 41.67 2.63 0.00 N | 33.84 2.24 0.00 N | 60.05 4.44 0.00 N | 72.59 5.61 0.05 N | 67.88 5.32 0.26 N | 39.13 3.14 0.05 N | 60.25 4.89 0.08 N | 78.04 6.53 0.35 N | 93.19 7.91 0.45 N | 68.38 5.44 0.14 N | 54.12 4.35 0.03 N | 73.81 6.20 0.09 N | 85.28 7.43 0.19 N | 69.88 6.09 0.01 N | 83.32 7.19 0.10 N | 57.03 4.65 0.06 N | 61.26 4.67 0.04 N | 46.10 3.29 0.00 N | 33.67 2.20 0.00 N |
| SOUTH HAMPTN___IC 23720 | 83.10 2.48 -57.29 N | 65.57 3.33 -28.28 N | 31.22 2.70 0.00 N | 30.86 2.58 0.00 N | 18.39 1.49 0.00 N | 66.90 4.31 -23.56 N | 85.41 3.64 -50.16 N | 87.50 6.43 -25.47 N | 87.72 7.56 -13.13 N | 89.22 7.07 -19.33 N | 89.82 3.98 -49.80 N | 90.66 6.16 -29.07 N | 91.54 7.97 -11.70 N | 93.93 8.73 0.53 N | 89.98 6.44 -20.46 N | 95.53 5.68 -40.04 N | 101.85 7.41 -26.74 N | 89.20 8.88 -2.27 N | 91.23 7.59 -19.83 N | 89.68 8.79 -4.64 N | 89.31 6.12 -30.74 N | 145.91 6.37 -82.90 N | 89.24 4.90 -41.53 N | 76.31 3.42 -41.43 N |
| SOUTHOLD___IC 23719 | 83.51 2.89 -57.29 N | 66.10 3.85 -28.28 N | 31.64 3.12 0.00 N | 31.27 2.99 0.00 N | 18.63 1.73 0.00 N | 67.54 4.94 -23.56 N | 85.97 4.21 -50.16 N | 88.61 7.54 -25.47 N | 89.18 9.02 -13.13 N | 90.67 8.52 -19.33 N | 90.66 4.82 -49.80 N | 91.96 7.46 -29.07 N | 93.21 9.65 -11.70 N | 95.95 10.75 0.53 N | 91.43 7.89 -20.46 N | 96.68 6.84 -40.04 N | 103.54 9.10 -26.74 N | 91.30 10.98 -2.27 N | 92.94 9.30 -19.83 N | 91.66 10.78 -4.64 N | 90.62 7.43 -30.74 N | 147.25 7.71 -82.90 N | 90.15 5.81 -41.53 N | 76.92 4.02 -41.43 N |
| ST LAWRENCE____ 23600 | 23.29 -0.05 0.00 N | 34.01 0.04 0.00 N | 28.55 0.02 0.00 N | 28.41 0.13 0.00 N | 16.94 0.04 0.00 N | 38.84 -0.20 0.00 N | 31.41 -0.19 0.00 N | 54.90 -0.71 0.00 N | 66.03 -1.00 0.00 N | 61.80 -1.02 0.00 N | 35.31 -0.73 0.00 N | 54.36 -1.07 0.00 N | 70.47 -1.39 0.00 N | 83.99 -1.74 0.00 N | 62.20 -0.89 0.00 N | 48.97 -0.84 0.00 N | 66.20 -1.50 0.00 N | 76.23 -1.81 0.00 N | 62.22 -1.58 0.00 N | 74.43 -1.81 0.00 N | 51.39 -1.06 0.00 N | 55.81 -0.83 0.00 N | 42.29 -0.53 0.00 N | 31.29 -0.17 0.00 N |
| STATION 5_MISC_HYD 23604 | 20.52 -2.81 0.00 N | 29.91 -4.06 0.00 N | 25.23 -3.29 0.00 N | 24.87 -3.40 0.00 N | 14.87 -2.03 0.00 N | 34.96 -4.07 0.00 N | 28.40 -3.20 0.00 N | 49.58 -6.03 0.00 N | 60.28 -7.10 -0.34 N | 57.76 -6.68 -1.62 N | 32.93 -3.40 -0.29 N | 50.47 -5.45 -0.49 N | 66.72 -7.32 -2.18 N | 79.86 -8.71 -2.83 N | 57.42 -6.53 -0.87 N | 45.08 -4.91 -0.18 N | 62.63 -5.62 -0.55 N | 73.11 -6.16 -1.22 N | 58.81 -5.07 -0.08 N | 70.06 -6.84 -0.66 N | 48.08 -4.75 -0.38 N | 51.07 -5.84 -0.27 N | 38.68 -4.13 0.00 N | 28.35 -3.11 0.00 N |
| STURGEON_POOL_HYD 23609 | 24.61 1.28 0.00 N | 35.64 1.67 0.00 N | 29.89 1.37 0.00 N | 29.59 1.32 0.00 N | 17.70 0.80 0.00 N | 41.33 2.30 0.00 N | 33.63 2.03 0.00 N | 59.60 4.00 0.00 N | 72.01 5.04 0.06 N | 67.37 4.83 0.28 N | 38.83 2.84 0.05 N | 59.76 4.41 0.08 N | 77.41 5.93 0.38 N | 92.40 7.16 0.49 N | 67.78 4.85 0.15 N | 53.72 3.95 0.03 N | 73.12 5.53 0.10 N | 84.36 6.53 0.21 N | 69.14 5.35 0.01 N | 82.46 6.33 0.11 N | 56.59 4.21 0.07 N | 60.82 4.22 0.05 N | 45.77 2.96 0.00 N | 33.37 1.91 0.00 N |
| SYRACUSE___POWER 24017 | 22.84 -0.50 0.00 N | 33.16 -0.81 0.00 N | 27.89 -0.64 0.00 N | 27.57 -0.71 0.00 N | 16.44 -0.45 0.00 N | 38.23 -0.80 0.00 N | 30.99 -0.61 0.00 N | 54.59 -1.02 0.00 N | 65.85 -1.18 0.00 N | 61.87 -0.95 0.00 N | 35.58 -0.45 0.00 N | 54.75 -0.69 0.00 N | 70.92 -0.94 0.00 N | 84.66 -1.07 0.00 N | 62.17 -0.92 0.00 N | 49.14 -0.67 0.00 N | 67.08 -0.62 0.00 N | 77.60 -0.45 0.00 N | 63.39 -0.41 0.00 N | 75.52 -0.72 0.00 N | 51.87 -0.57 0.00 N | 55.74 -0.90 0.00 N | 42.11 -0.70 0.00 N | 30.91 -0.55 0.00 N |
| Stony___Brook 24151 | 82.83 2.21 -57.29 N | 65.20 2.96 -28.28 N | 30.92 2.39 0.00 N | 30.57 2.29 0.00 N | 18.20 1.30 0.00 N | 66.42 3.83 -23.56 N | 85.06 3.29 -50.16 N | 86.91 5.83 -25.47 N | 87.13 6.97 -13.13 N | 88.59 6.44 -19.33 N | 89.39 3.55 -49.80 N | 89.97 5.47 -29.07 N | 90.65 7.08 -11.70 N | 92.72 7.52 0.53 N | 89.20 5.65 -20.46 N | 94.99 5.15 -40.04 N | 100.89 6.45 -26.74 N | 87.50 7.18 -2.27 N | 89.90 6.26 -19.83 N | 88.20 7.32 -4.64 N | 88.64 5.45 -30.74 N | 145.21 5.66 -82.90 N | 88.70 4.35 -41.53 N | 75.89 2.99 -41.43 N |
| UPPER HUDSON___HYD 24058 | 23.60 0.26 0.00 N | 34.20 0.24 0.00 N | 28.66 0.14 0.00 N | 28.44 0.16 0.00 N | 17.03 0.14 0.00 N | 39.69 0.66 0.00 N | 32.19 0.59 0.00 N | 57.24 1.64 0.00 N | 69.21 2.18 0.00 N | 64.63 1.81 0.00 N | 37.21 1.17 0.00 N | 57.35 1.92 0.00 N | 74.66 2.80 0.00 N | 89.32 3.59 0.00 N | 65.24 2.15 0.00 N | 51.35 1.55 0.00 N | 70.57 2.88 0.00 N | 81.76 3.71 0.00 N | 66.79 2.99 0.00 N | 79.67 3.43 0.00 N | 54.21 1.77 0.00 N | 58.23 1.59 0.00 N | 43.82 1.00 0.00 N | 32.08 0.62 0.00 N |
| UPPER RAQUET___HYD 24056 | 23.46 0.13 0.00 N | 34.21 0.24 0.00 N | 28.71 0.18 0.00 N | 28.57 0.29 0.00 N | 17.03 0.13 0.00 N | 39.13 0.09 0.00 N | 31.66 0.06 0.00 N | 54.84 -0.76 0.00 N | 65.95 -1.08 0.00 N | 61.37 -1.45 0.00 N | 35.06 -0.97 0.00 N | 54.15 -1.29 0.00 N | 71.20 -0.66 0.00 N | 85.05 -0.68 0.00 N | 62.94 -0.14 0.00 N | 49.56 -0.24 0.00 N | 67.15 -0.54 0.00 N | 77.34 -0.71 0.00 N | 62.36 -1.45 0.00 N | 73.97 -2.27 0.00 N | 51.01 -1.44 0.00 N | 55.37 -1.27 0.00 N | 42.19 -0.62 0.00 N | 31.39 -0.07 0.00 N |
| VISCHER___FERRY HYD 24020 | 24.20 0.87 0.00 N | 35.12 1.15 0.00 N | 29.45 0.93 0.00 N | 29.19 0.91 0.00 N | 17.47 0.57 0.00 N | 40.63 1.60 0.00 N | 32.90 1.30 0.00 N | 58.16 2.56 0.00 N | 70.26 3.23 0.00 N | 65.67 2.85 0.00 N | 37.77 1.73 0.00 N | 58.15 2.72 0.00 N | 75.72 3.86 0.00 N | 90.55 4.81 0.00 N | 66.18 3.09 0.00 N | 52.17 2.36 0.00 N | 71.32 3.63 0.00 N | 82.47 4.42 0.00 N | 67.48 3.68 0.00 N | 80.58 4.33 0.00 N | 54.99 2.55 0.00 N | 59.15 2.50 0.00 N | 44.60 1.79 0.00 N | 32.67 1.21 0.00 N |
| WADING RIVER_IC_1 23522 | 82.88 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.53 3.93 -23.56 N | 85.05 3.29 -50.16 N | 86.77 5.70 -25.47 N | 86.80 6.64 -13.13 N | 88.27 6.12 -19.33 N | 89.26 3.41 -49.80 N | 89.78 5.28 -29.07 N | 90.40 6.84 -11.70 N | 92.57 7.37 0.53 N | 89.00 5.45 -20.46 N | 94.75 4.91 -40.04 N | 100.70 6.26 -26.74 N | 87.73 7.40 -2.27 N | 90.04 6.41 -19.83 N | 88.30 7.42 -4.64 N | 88.42 5.23 -30.74 N | 145.01 5.47 -82.90 N | 88.65 4.30 -41.53 N | 75.94 3.04 -41.43 N |
| WADING RIVER_IC_2 23547 | 82.88 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.24 1.34 0.00 N | 66.53 3.93 -23.56 N | 85.05 3.29 -50.16 N | 86.77 5.70 -25.47 N | 86.80 6.64 -13.13 N | 88.27 6.12 -19.33 N | 89.26 3.41 -49.80 N | 89.78 5.28 -29.07 N | 90.40 6.84 -11.70 N | 92.57 7.37 0.53 N | 89.00 5.45 -20.46 N | 94.75 4.91 -40.04 N | 100.70 6.26 -26.74 N | 87.73 7.40 -2.27 N | 90.04 6.41 -19.83 N | 88.30 7.42 -4.64 N | 88.42 5.23 -30.74 N | 145.01 5.47 -82.90 N | 88.65 4.30 -41.53 N | 75.94 3.04 -41.43 N |
| WADING RIVER_IC_3 | 82.88 | 65.27 | 30.97 | 30.62 | 18.24 | 66.53 | 85.05 | 86.77 | 86.80 | 88.27 | 89.26 | 89.78 | 90.40 | 92.57 | 89.00 | 94.75 | 100.70 | 87.73 | 90.04 | 88.30 | 88.42 | 145.01 | 88.65 | 75.94 |

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|----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 23601 | 2.26 -57.29 N | 3.03 -28.28 N | 2.45 0.00 N | 2.35 0.00 N | 1.34 0.00 N | 3.93 -23.56 N | 3.29 -50.16 N | 5.70 -25.47 N | 6.64 -13.13 N | 6.12 -19.33 N | 3.41 -49.80 N | 5.28 -29.07 N | 6.84 -11.70 N | 7.37 0.53 N | 5.45 -20.46 N | 4.91 -40.04 N | 6.26 -26.74 N | 7.40 -2.27 N | 6.41 -19.83 N | 7.42 -4.64 N | 5.23 -30.74 N | 5.47 -82.90 N | 4.30 -41.53 N | 3.04 -41.43 N |
| WALDEN___HYDRO 24148 | 24.59 1.26 0.00 N | 35.56 1.59 0.00 N | 29.80 1.28 0.00 N | 29.52 1.24 0.00 N | 17.66 0.76 0.00 N | 41.21 2.18 0.00 N | 33.59 1.98 0.00 N | 59.50 3.90 0.00 N | 71.91 4.95 0.06 N | 67.26 4.74 0.30 N | 38.76 2.78 0.06 N | 59.64 4.30 0.09 N | 77.27 5.81 0.41 N | 92.18 6.98 0.53 N | 67.63 4.71 0.16 N | 53.61 3.84 0.04 N | 72.96 5.36 0.10 N | 84.15 6.34 0.23 N | 69.03 5.24 0.02 N | 82.32 6.20 0.12 N | 56.52 4.14 0.07 N | 60.75 4.16 0.05 N | 45.76 2.95 0.00 N | 33.36 1.90 0.00 N |
| WARRENSBURG___ 23737 | 23.63 0.29 0.00 N | 34.24 0.27 0.00 N | 28.70 0.17 0.00 N | 28.47 0.19 0.00 N | 17.05 0.15 0.00 N | 39.75 0.72 0.00 N | 32.24 0.63 0.00 N | 57.32 1.72 0.00 N | 69.30 2.27 0.00 N | 64.73 1.91 0.00 N | 37.27 1.23 0.00 N | 57.43 1.99 0.00 N | 74.76 2.90 0.00 N | 89.44 3.71 0.00 N | 65.32 2.23 0.00 N | 51.43 1.62 0.00 N | 70.66 2.97 0.00 N | 81.91 3.86 0.00 N | 66.88 3.08 0.00 N | 79.79 3.55 0.00 N | 54.30 1.86 0.00 N | 58.32 1.68 0.00 N | 43.88 1.06 0.00 N | 32.13 0.67 0.00 N |
| WATERSIDE___6 8 9 23538 | 215.84 1.45 -191.05 N | 84.55 1.86 -48.73 N | 90.85 1.51 -60.81 N | 96.06 1.47 -66.30 N | 96.04 0.90 -78.24 N | 95.23 2.60 -53.59 N | 169.79 2.34 -135.85 N | 202.04 4.70 -141.73 N | 222.26 5.95 -149.27 N | 742.83 5.66 -674.35 N | 108.89 3.22 -69.63 N | 207.86 4.93 -147.50 N | 126.92 6.62 -48.44 N | 140.25 7.81 -46.71 N | 98.30 5.36 -29.85 N | 108.10 4.41 -53.89 N | 117.28 5.96 -43.62 N | 117.15 6.88 -32.22 N | 85.83 5.67 -16.36 N | 90.74 6.78 -7.72 N | 77.99 4.57 -20.97 N | 103.16 4.67 -41.85 N | 93.67 3.38 -47.48 N | 80.27 2.18 -46.63 N |
| WEST BABYLON___IC 23714 | 82.88 2.26 -57.29 N | 65.27 3.03 -28.28 N | 30.97 2.45 0.00 N | 30.62 2.35 0.00 N | 18.26 1.36 0.00 N | 66.49 3.89 -23.56 N | 85.16 3.39 -50.16 N | 87.24 6.17 -25.47 N | 87.70 7.54 -13.13 N | 89.28 7.13 -19.33 N | 89.87 4.03 -49.80 N | 90.75 6.25 -29.07 N | 91.71 8.15 -11.70 N | 94.32 9.12 0.53 N | 90.15 6.60 -20.46 N | 95.53 5.69 -40.04 N | 101.85 7.40 -26.74 N | 89.06 8.74 -2.27 N | 91.13 7.49 -19.83 N | 89.59 8.70 -4.64 N | 89.17 5.98 -30.74 N | 145.74 6.20 -82.90 N | 89.04 4.70 -41.53 N | 76.14 3.24 -41.43 N |
| WEST CANADA___HYD 24049 | 23.42 0.09 0.00 N | 34.08 0.11 0.00 N | 28.61 0.09 0.00 N | 28.36 0.08 0.00 N | 16.96 0.06 0.00 N | 39.21 0.18 0.00 N | 31.75 0.14 0.00 N | 55.94 0.33 0.00 N | 67.49 0.46 0.00 N | 63.27 0.44 0.00 N | 36.32 0.28 0.00 N | 55.86 0.43 0.00 N | 72.44 0.57 0.00 N | 86.41 0.68 0.00 N | 63.53 0.44 0.00 N | 50.16 0.35 0.00 N | 68.24 0.54 0.00 N | 78.74 0.69 0.00 N | 64.38 0.57 0.00 N | 76.91 0.66 0.00 N | 52.86 0.42 0.00 N | 57.02 0.38 0.00 N | 43.07 0.25 0.00 N | 31.60 0.13 0.00 N |
| WESTERN_NY_WIND 24143 | 21.31 -2.02 0.00 N | 31.11 -2.85 0.00 N | 26.36 -2.16 0.00 N | 25.91 -2.37 0.00 N | 15.47 -1.43 0.00 N | 36.29 -2.75 0.00 N | 29.10 -2.51 0.00 N | 50.03 -5.57 0.00 N | 60.77 -6.90 -0.64 N | 59.38 -6.44 -3.00 N | 33.28 -3.30 -0.54 N | 50.60 -5.79 -0.96 N | 68.48 -7.65 -4.26 N | 82.18 -9.09 -5.54 N | 58.04 -6.74 -1.69 N | 44.83 -5.33 -0.36 N | 61.97 -6.75 -1.03 N | 72.81 -7.50 -2.26 N | 58.05 -5.90 -0.15 N | 69.78 -7.68 -1.22 N | 47.94 -5.22 -0.71 N | 50.89 -6.26 -0.50 N | 38.96 -3.85 0.00 N | 28.74 -2.72 0.00 N |
| YORK___WARBASSE 23770 | 215.82 1.44 -191.05 N | 84.54 1.84 -48.73 N | 90.80 1.46 -60.81 N | 96.01 1.43 -66.30 N | 95.99 0.85 -78.24 N | 95.18 2.55 -53.59 N | 169.74 2.29 -135.85 N | 201.90 4.57 -141.73 N | 221.71 5.83 -148.85 N | 742.79 5.62 -674.35 N | 108.99 3.32 -69.63 N | 208.01 5.07 -147.50 N | 126.91 6.61 -48.44 N | 140.26 7.81 -46.71 N | 98.42 5.49 -29.85 N | 108.24 4.55 -53.89 N | 117.49 6.17 -43.62 N | 117.34 7.08 -32.22 N | 124.42 5.88 -54.73 N | 202.25 7.05 -118.95 N | 127.68 4.79 -70.45 N | 103.34 4.85 -41.85 N | 93.79 3.49 -47.48 N | 80.31 2.22 -46.63 N |