

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

06/18/2006

| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 50.26 | 40.41 | 33.61 | 0.10 | -256.12 | -217.19 | -254.35 | 33.91 | 34.75 | 32.35 | 46.29 | 57.74 | 50.93 | 59.12 | 66.40 | 63.62 | 77.40 | 77.20 | 73.47 | 72.78 | 77.28 | 81.30 | 67.63 | 63.84 |
| 24138 | 3.25 | 2.58 | 1.86 | -0.02 | -12.45 | -9.44 | -11.46 | 1.99 | 2.17 | 2.45 | 3.75 | 5.06 | 4.15 | 4.92 | 5.80 | 5.60 | 6.75 | 6.79 | 6.69 | 6.68 | 6.93 | 6.92 | 5.91 | 4.84 |
| | 0.00 | -0.04 | -0.25 | -0.12 | 0.00 | 0.00 | 0.00 | -0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 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 | 50.30 | 40.42 | 33.60 | 0.10 | -256.20 | -217.33 | -254.49 | 33.93 | 34.75 | 32.36 | 46.31 | 57.74 | 50.92 | 59.11 | 66.40 | 63.62 | 77.37 | 77.17 | 73.44 | 72.76 | 77.25 | 81.30 | 67.66 | 63.89 |
| 24260 | 3.29 | 2.60 | 1.88 | -0.01 | -12.53 | -9.59 | -11.60 | 2.01 | 2.17 | 2.46 | 3.77 | 5.06 | 4.15 | 4.91 | 5.80 | 5.60 | 6.72 | 6.75 | 6.66 | 6.66 | 6.90 | 6.92 | 5.94 | 4.88 |
| | 0.00 | -0.04 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 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 |
| 74TH STREET_GT_2 | 50.30 | 40.42 | 33.60 | 0.10 | -256.20 | -217.33 | -254.49 | 33.93 | 34.75 | 32.36 | 46.31 | 57.74 | 50.92 | 59.11 | 66.40 | 63.62 | 77.37 | 77.17 | 73.44 | 72.76 | 77.25 | 81.30 | 67.66 | 63.89 |
| 24261 | 3.29 | 2.60 | 1.88 | -0.01 | -12.53 | -9.59 | -11.60 | 2.01 | 2.17 | 2.46 | 3.77 | 5.06 | 4.15 | 4.91 | 5.80 | 5.60 | 6.72 | 6.75 | 6.66 | 6.66 | 6.90 | 6.92 | 5.94 | 4.88 |
| | 0.00 | -0.04 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 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 HUDSON___FALLS | 49.14 | 39.68 | 32.96 | -0.05 | -253.03 | -215.42 | -252.25 | 33.71 | 34.42 | 31.80 | 45.41 | 56.26 | 49.43 | 56.58 | 63.44 | 61.01 | 74.86 | 74.26 | 70.50 | 70.19 | 74.81 | 78.10 | 64.97 | 61.21 |
| 24011 | 2.13 | 1.90 | 1.46 | -0.04 | -9.36 | -7.67 | -9.36 | 1.84 | 1.84 | 1.90 | 2.87 | 3.58 | 2.66 | 2.37 | 2.84 | 2.98 | 4.21 | 3.84 | 3.71 | 4.09 | 4.47 | 3.73 | 3.24 | 2.20 |
| | 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 | 49.14 | 39.68 | 32.96 | -0.05 | -253.03 | -215.42 | -252.25 | 33.71 | 34.42 | 31.80 | 45.41 | 56.26 | 49.43 | 56.58 | 63.44 | 61.01 | 74.86 | 74.26 | 70.50 | 70.19 | 74.81 | 78.10 | 64.97 | 61.21 |
| 23798 | 2.13 | 1.90 | 1.46 | -0.04 | -9.36 | -7.67 | -9.36 | 1.84 | 1.84 | 1.90 | 2.87 | 3.58 | 2.66 | 2.37 | 2.84 | 2.98 | 4.21 | 3.84 | 3.71 | 4.09 | 4.47 | 3.73 | 3.24 | 2.20 |
| | 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 | 49.14 | 39.68 | 32.96 | -0.05 | -253.03 | -215.42 | -252.25 | 33.71 | 34.42 | 31.80 | 45.41 | 56.26 | 49.43 | 56.58 | 63.44 | 61.01 | 74.86 | 74.26 | 70.50 | 70.19 | 74.81 | 78.10 | 64.97 | 61.21 |
| 24028 | 2.13 | 1.90 | 1.46 | -0.04 | -9.36 | -7.67 | -9.36 | 1.84 | 1.84 | 1.90 | 2.87 | 3.58 | 2.66 | 2.37 | 2.84 | 2.98 | 4.21 | 3.84 | 3.71 | 4.09 | 4.47 | 3.73 | 3.24 | 2.20 |
| | 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 | 48.99 | 39.52 | 32.86 | -0.07 | -253.32 | -215.69 | -252.27 | 33.62 | 34.23 | 31.47 | 44.82 | 55.42 | 48.70 | 55.95 | 63.41 | 61.07 | 74.89 | 74.29 | 70.58 | 70.06 | 74.58 | 77.87 | 65.02 | 61.37 |
| 23527 | 1.98 | 1.74 | 1.36 | -0.07 | -9.65 | -7.95 | -9.38 | 1.75 | 1.65 | 1.58 | 2.28 | 2.74 | 1.93 | 1.75 | 2.81 | 3.04 | 4.24 | 3.88 | 3.79 | 3.96 | 4.23 | 3.49 | 3.30 | 2.36 |
| | 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 | 48.31 | 38.99 | 32.45 | -0.04 | -249.94 | -212.69 | -248.93 | 32.99 | 33.66 | 30.85 | 43.72 | 54.11 | 47.82 | 55.10 | 61.97 | 59.49 | 72.65 | 72.28 | 68.67 | 68.15 | 72.57 | 76.16 | 63.33 | 59.96 |
| 24190 | 1.30 | 1.21 | 0.95 | -0.04 | -6.27 | -4.94 | -6.04 | 1.12 | 1.08 | 0.96 | 1.19 | 1.43 | 1.04 | 0.89 | 1.37 | 1.46 | 2.00 | 1.87 | 1.88 | 2.05 | 2.22 | 1.78 | 1.61 | 0.94 |
| | 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 | 48.31 | 38.99 | 32.45 | -0.04 | -249.94 | -212.69 | -248.93 | 32.99 | 33.66 | 30.85 | 43.72 | 54.11 | 47.82 | 55.10 | 61.97 | 59.49 | 72.65 | 72.28 | 68.67 | 68.15 | 72.57 | 76.16 | 63.33 | 59.96 |
| 23571 | 1.30 | 1.21 | 0.95 | -0.04 | -6.27 | -4.94 | -6.04 | 1.12 | 1.08 | 0.96 | 1.19 | 1.43 | 1.04 | 0.89 | 1.37 | 1.46 | 2.00 | 1.87 | 1.88 | 2.05 | 2.22 | 1.78 | 1.61 | 0.94 |
| | 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 | 48.31 | 38.99 | 32.45 | -0.04 | -249.94 | -212.69 | -248.93 | 32.99 | 33.66 | 30.85 | 43.72 | 54.11 | 47.82 | 55.10 | 61.97 | 59.49 | 72.65 | 72.28 | 68.67 | 68.15 | 72.57 | 76.16 | 63.33 | 59.96 |
| 23572 | 1.30 | 1.21 | 0.95 | -0.04 | -6.27 | -4.94 | -6.04 | 1.12 | 1.08 | 0.96 | 1.19 | 1.43 | 1.04 | 0.89 | 1.37 | 1.46 | 2.00 | 1.87 | 1.88 | 2.05 | 2.22 | 1.78 | 1.61 | 0.94 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___3 | 48.31 | 38.99 | 32.45 | -0.04 | -249.94 | -212.69 | -248.93 | 32.99 | 33.66 | 30.85 | 43.72 | 54.11 | 47.82 | 55.10 | 61.97 | 59.49 | 72.65 | 72.28 | 68.67 | 68.15 | 72.57 | 76.16 | 63.33 | 59.96 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23573 | 1.30 0.00 N | 1.21 0.00 N | 0.95 0.00 N | -0.04 0.00 N | -6.27 0.00 N | -4.94 0.00 N | -6.04 0.00 N | 1.12 0.00 N | 1.08 0.00 N | 0.96 0.00 N | 1.19 0.00 N | 1.43 0.00 N | 1.04 0.00 N | 0.89 0.00 N | 1.37 0.00 N | 1.46 0.00 N | 2.00 0.00 N | 1.87 0.00 N | 1.88 0.00 N | 2.05 0.00 N | 2.22 0.00 N | 1.78 0.00 N | 1.61 0.00 N | 0.94 0.00 N |
| ALBANY____4 23574 | 48.31 1.30 0.00 N | 38.99 1.21 0.00 N | 32.45 0.95 0.00 N | -0.04 -0.04 0.00 N | -249.94 -6.27 0.00 N | -212.69 -4.94 0.00 N | -248.93 -6.04 0.00 N | 32.99 1.12 0.00 N | 33.66 1.08 0.00 N | 30.85 0.96 0.00 N | 43.72 1.19 0.00 N | 54.11 1.43 0.00 N | 47.82 1.04 0.00 N | 55.10 0.89 0.00 N | 61.97 1.37 0.00 N | 59.49 1.46 0.00 N | 72.65 2.00 0.00 N | 72.28 1.87 0.00 N | 68.67 1.88 0.00 N | 68.15 2.05 0.00 N | 72.57 2.22 0.00 N | 76.16 1.78 0.00 N | 63.33 1.61 0.00 N | 59.96 0.94 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 46.74 -0.27 0.00 N | 37.55 -0.23 0.00 N | 31.43 -0.07 0.00 N | -0.01 -0.01 0.00 N | -244.30 -0.62 0.00 N | -208.43 -0.69 0.00 N | -242.55 0.34 0.00 N | 31.52 -0.35 0.00 N | 32.19 -0.39 0.00 N | 29.31 -0.59 0.00 N | 41.40 -1.14 0.00 N | 50.92 -1.76 0.00 N | 45.20 -1.57 0.00 N | 52.63 -1.58 0.00 N | 58.71 -1.89 0.00 N | 56.02 -2.01 0.00 N | 68.39 -2.26 0.00 N | 68.13 -2.29 0.00 N | 64.62 -2.18 0.00 N | 63.82 -2.28 0.00 N | 68.09 -2.26 0.00 N | 72.45 -1.93 0.00 N | 60.26 -1.46 0.00 N | 57.92 -1.09 0.00 N |
| ALLEGHENY____COGEN 23514 | 46.34 -0.67 0.00 N | 36.99 -0.80 0.00 N | 30.58 -0.92 0.00 N | 0.10 0.10 0.00 N | -235.43 8.24 0.00 N | -201.14 6.61 0.00 N | -239.11 3.78 0.00 N | 31.76 -0.10 0.00 N | 32.53 -0.05 0.00 N | 29.23 -0.66 0.00 N | 40.88 -1.65 0.00 N | 50.99 -1.69 0.00 N | 45.80 -0.98 0.00 N | 53.44 -0.76 0.00 N | 58.81 -1.79 0.00 N | 56.23 -1.80 0.00 N | 67.88 -2.77 0.00 N | 67.94 -2.47 0.00 N | 63.97 -2.82 0.00 N | 62.97 -3.13 0.00 N | 66.80 -3.55 0.00 N | 71.56 -2.82 0.00 N | 58.54 -3.19 0.00 N | 55.71 -3.30 0.00 N |
| AMERICAN_REF_FUEL 24010 | 45.54 -1.47 0.00 N | 36.44 -1.35 0.00 N | 30.12 -1.38 0.00 N | 0.05 0.05 0.00 N | -233.00 10.67 0.00 N | -199.19 8.55 0.00 N | -236.94 5.95 0.00 N | 31.22 -0.64 0.00 N | 31.97 -0.61 0.00 N | 29.18 -0.72 0.00 N | 41.91 -0.63 0.00 N | 52.84 0.16 0.00 N | 47.55 0.77 0.00 N | 55.57 1.36 0.00 N | 60.74 0.14 0.00 N | 58.08 0.05 0.00 N | 69.96 -0.69 0.00 N | 70.11 -0.31 0.00 N | 65.88 -0.90 0.00 N | 64.78 -1.32 0.00 N | 68.41 -1.93 0.00 N | 73.83 -0.55 0.00 N | 60.09 -1.64 0.00 N | 57.66 -1.36 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 49.96 2.94 0.00 N | 40.10 2.27 -0.04 N | 33.36 1.63 -0.23 N | 0.09 -0.02 -0.11 N | -254.18 -10.51 0.00 N | -215.86 -8.12 0.00 N | -252.63 -9.74 0.00 N | 33.70 1.78 -0.05 N | 34.52 1.94 0.00 N | 32.15 2.26 0.00 N | 45.99 3.46 0.01 N | 57.32 4.64 0.00 N | 50.58 3.80 0.00 N | 58.76 4.55 0.00 N | 66.00 5.41 0.00 N | 63.20 5.17 0.00 N | 76.82 6.18 0.00 N | 76.72 6.31 0.00 N | 73.06 6.27 0.00 N | 72.31 6.22 0.00 N | 76.77 6.42 0.00 N | 80.89 6.51 0.00 N | 67.35 5.63 0.00 N | 63.58 4.57 0.00 N |
| ARTHUR_KILL_2 23512 | 49.96 2.94 0.00 N | 40.10 2.27 -0.04 N | 33.36 1.63 -0.23 N | 0.09 -0.02 -0.11 N | -254.18 -10.51 0.00 N | -215.86 -8.12 0.00 N | -252.63 -9.74 0.00 N | 33.70 1.78 -0.05 N | 34.52 1.94 0.00 N | 32.15 2.26 0.00 N | 45.99 3.46 0.01 N | 57.32 4.64 0.00 N | 50.58 3.80 0.00 N | 58.76 4.55 0.00 N | 66.00 5.41 0.00 N | 63.19 5.16 0.00 N | 76.82 6.18 0.00 N | 76.72 6.31 0.00 N | 73.06 6.27 0.00 N | 72.31 6.21 0.00 N | 76.76 6.41 0.00 N | 80.89 6.51 0.00 N | 67.35 5.63 0.00 N | 63.58 4.57 0.00 N |
| ARTHUR_KILL_3 23513 | 50.11 3.10 0.00 N | 40.29 2.46 -0.04 N | 33.51 1.76 -0.25 N | 0.11 -0.01 -0.12 N | -255.14 -11.47 0.00 N | -216.50 -8.76 0.00 N | -253.49 -10.60 0.00 N | 33.80 1.88 -0.06 N | 34.63 2.05 0.00 N | 32.25 2.35 0.00 N | 46.13 3.60 0.00 N | 57.55 4.87 0.00 N | 50.76 3.99 0.00 N | 58.94 4.73 0.00 N | 66.19 5.59 0.00 N | 63.40 5.37 0.00 N | 77.08 6.44 0.00 N | 76.92 6.50 0.00 N | 73.23 6.44 0.00 N | 72.53 6.44 0.00 N | 77.02 6.67 0.00 N | 81.04 6.66 0.00 N | 67.43 5.71 0.00 N | 63.60 4.59 0.00 N |
| ASHOKAN____ 23654 | 50.19 3.17 0.00 N | 40.31 2.52 0.00 N | 33.42 1.92 0.00 N | 0.01 0.01 0.00 N | -256.68 -13.01 0.00 N | -218.00 -10.25 0.00 N | -255.47 -12.58 0.00 N | 33.95 2.09 0.00 N | 34.88 2.30 0.00 N | 32.40 2.51 0.00 N | 46.40 3.86 0.00 N | 57.82 5.14 0.00 N | 51.17 4.39 0.00 N | 59.34 5.13 0.00 N | 66.72 6.12 0.00 N | 64.01 5.98 0.00 N | 77.99 7.34 0.00 N | 77.73 7.31 0.00 N | 73.82 7.03 0.00 N | 73.15 7.06 0.00 N | 77.78 7.43 0.00 N | 81.72 7.34 0.00 N | 67.71 5.99 0.00 N | 63.90 4.89 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 94.28 3.17 -44.10 N | 40.35 2.52 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.04 -0.11 N | -255.97 -12.30 0.00 N | -217.40 -9.66 0.00 N | -254.28 -11.39 0.00 N | 33.87 1.96 -0.05 N | 34.66 2.08 0.00 N | 32.28 2.39 0.00 N | 46.19 3.66 0.00 N | 57.50 4.82 0.00 N | 50.72 3.95 0.00 N | 58.89 4.69 0.00 N | 66.18 5.57 0.00 N | 63.41 5.39 0.00 N | 76.95 6.30 0.00 N | 76.72 6.30 0.00 N | 73.13 6.33 0.00 N | 72.45 6.35 0.00 N | 76.77 6.42 0.00 N | 80.79 6.41 0.00 N | 67.45 5.73 0.00 N | 63.66 4.65 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 94.28 3.17 -44.10 N | 40.35 2.52 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.04 -0.11 N | -255.97 -12.30 0.00 N | -217.40 -9.66 0.00 N | -254.28 -11.39 0.00 N | 33.87 1.96 -0.05 N | 34.66 2.08 0.00 N | 32.28 2.39 0.00 N | 46.19 3.66 0.00 N | 57.50 4.82 0.00 N | 50.72 3.95 0.00 N | 58.89 4.69 0.00 N | 66.18 5.57 0.00 N | 63.41 5.39 0.00 N | 76.95 6.30 0.00 N | 76.72 6.30 0.00 N | 73.13 6.33 0.00 N | 72.45 6.35 0.00 N | 76.77 6.42 0.00 N | 80.79 6.41 0.00 N | 67.45 5.73 0.00 N | 63.66 4.65 0.00 N |
| ASTORIA_GT2_1 24094 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT2_2 24095 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT2_3 24096 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |

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| ASTORIA_GT2_4 24097 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT3_1 24098 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT3_2 24099 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT3_3 24100 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT3_4 24101 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT4_1 24102 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT4_2 24103 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT4_3 24104 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT4_4 24105 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N |
| ASTORIA_GT_1 23523 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| ASTORIA_GT_10 24110 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| ASTORIA_GT_11 24225 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| ASTORIA_GT_12 24226 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| ASTORIA_GT_13 24227 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 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 |
| ASTORIA_GT_5 24106 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ASTORIA_GT_7 24107 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ASTORIA_GT_8 24108 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ASTORIA___2 24149 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ASTORIA___3 23516 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.09 -12.42 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.98 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.16 4.83 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N | |
| ASTORIA___4 23517 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.67 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.47 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ASTORIA___5 23518 | 94.29 3.18 -44.10 N | 40.36 2.53 -0.04 N | 33.58 1.85 -0.23 N | 0.08 -0.03 -0.11 N | -256.07 -12.39 0.00 N | -217.45 -9.71 0.00 N | -254.44 -11.55 0.00 N | 33.89 1.97 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.67 0.00 N | 57.53 4.85 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.20 5.60 0.00 N | 63.45 5.42 0.00 N | 76.99 6.34 0.00 N | 76.77 6.35 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.81 6.46 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.68 4.67 0.00 N | |
| ATHENS_STG_1 23668 | 48.62 1.60 0.00 N | 39.15 1.37 0.00 N | 32.51 1.01 0.00 N | -0.02 -0.02 0.00 N | -250.21 -6.54 0.00 N | -212.81 -5.06 0.00 N | -249.13 -6.24 0.00 N | 32.98 1.11 0.00 N | 33.74 1.16 0.00 N | 31.17 1.27 0.00 N | 44.47 1.94 0.00 N | 55.25 2.57 0.00 N | 48.82 2.04 0.00 N | 56.48 2.28 0.00 N | 63.45 2.85 0.00 N | 60.81 2.78 0.00 N | 74.10 3.45 0.00 N | 73.83 3.41 0.00 N | 70.17 3.38 0.00 N | 69.61 3.51 0.00 N | 74.08 3.73 0.00 N | 77.89 3.51 0.00 N | 64.74 3.02 0.00 N | 61.34 2.34 0.00 N | |
| ATHENS_STG_2 23670 | 48.62 1.60 0.00 N | 39.15 1.37 0.00 N | 32.51 1.01 0.00 N | -0.02 -0.02 0.00 N | -250.21 -6.54 0.00 N | -212.81 -5.06 0.00 N | -249.13 -6.24 0.00 N | 32.98 1.11 0.00 N | 33.74 1.16 0.00 N | 31.17 1.27 0.00 N | 44.47 1.94 0.00 N | 55.25 2.57 0.00 N | 48.82 2.04 0.00 N | 56.48 2.28 0.00 N | 63.45 2.85 0.00 N | 60.81 2.78 0.00 N | 74.10 3.45 0.00 N | 73.83 3.41 0.00 N | 70.17 3.38 0.00 N | 69.61 3.51 0.00 N | 74.08 3.73 0.00 N | 77.89 3.51 0.00 N | 64.74 3.02 0.00 N | 61.34 2.34 0.00 N | |
| ATHENS_STG_3 23677 | 48.62 1.60 0.00 N | 39.15 1.37 0.00 N | 32.51 1.01 0.00 N | -0.02 -0.02 0.00 N | -250.21 -6.54 0.00 N | -212.81 -5.06 0.00 N | -249.13 -6.24 0.00 N | 32.98 1.11 0.00 N | 33.74 1.16 0.00 N | 31.17 1.27 0.00 N | 44.47 1.94 0.00 N | 55.25 2.57 0.00 N | 48.82 2.04 0.00 N | 56.48 2.28 0.00 N | 63.45 2.85 0.00 N | 60.81 2.78 0.00 N | 74.10 3.45 0.00 N | 73.83 3.41 0.00 N | 70.17 3.38 0.00 N | 69.61 3.51 0.00 N | 74.08 3.73 0.00 N | 77.89 3.51 0.00 N | 64.74 3.02 0.00 N | 61.34 2.34 0.00 N | |
| BARRETT_IC_1 23704 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N | |
| BARRETT_IC_10 23701 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N | |
| BARRETT_IC_11 23702 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N | |
| BARRETT_IC_12 | 102.99 | 107.72 | 163.05 | 66.38 | -10.93 | -91.66 | -91.61 | 112.16 | 133.78 | 99.23 | 75.38 | 86.23 | 87.74 | 108.41 | 144.05 | 133.47 | 105.03 | 109.89 | 106.08 | 85.39 | 110.33 | 116.58 | 175.45 | 387.15 | |

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| 23703 | 3.89 -52.09 N | 3.14 -66.79 N | 2.42 -129.14 N | 0.01 -66.37 N | -17.43 -250.17 N | -13.33 -129.42 N | -16.58 -167.86 N | 2.61 -77.68 N | 2.55 -98.64 N | 2.49 -66.85 N | 4.18 -28.66 N | 5.70 -27.84 N | 4.40 -36.57 N | 5.11 -49.09 N | 5.90 -77.56 N | 5.47 -69.97 N | 7.28 -27.10 N | 7.24 -32.24 N | 7.29 -32.00 N | 7.50 -11.79 N | 7.63 -32.35 N | 7.42 -34.78 N | 6.22 -107.50 N | 5.39 -322.75 N |
| BARRETT_IC_2 23705 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_3 23706 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_4 23707 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_5 23708 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_6 23709 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_7 23710 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_8 23711 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT_IC_9 23700 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT___1 23545 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BARRETT___2 23546 | 102.99 3.89 -52.09 N | 107.72 3.14 -66.79 N | 163.05 2.42 -129.14 N | 66.38 0.01 -66.37 N | -10.93 -17.43 -250.17 N | -91.66 -13.33 -129.42 N | -91.61 -16.58 -167.86 N | 112.16 2.61 -77.68 N | 133.78 2.55 -98.64 N | 99.23 2.49 -66.85 N | 75.38 4.18 -28.66 N | 86.23 5.70 -27.84 N | 87.74 4.40 -36.57 N | 108.41 5.11 -49.09 N | 144.05 5.90 -77.56 N | 133.47 5.47 -69.97 N | 105.03 7.28 -27.10 N | 109.89 7.24 -32.24 N | 106.08 7.29 -32.00 N | 85.39 7.50 -11.79 N | 110.33 7.63 -32.35 N | 116.58 7.42 -34.78 N | 175.45 6.22 -107.50 N | 387.15 5.39 -322.75 N |
| BEAVER RIVER___HYD 24048 | 46.46 -0.55 0.00 N | 37.24 -0.55 0.00 N | 30.91 -0.58 0.00 N | -0.01 -0.01 0.00 N | -238.90 4.78 0.00 N | -203.51 4.24 0.00 N | -238.04 4.85 0.00 N | 31.21 -0.65 0.00 N | 31.89 -0.68 0.00 N | 29.27 -0.62 0.00 N | 41.51 -1.02 0.00 N | 51.45 -1.23 0.00 N | 45.92 -0.85 0.00 N | 53.24 -0.96 0.00 N | 59.38 -1.22 0.00 N | 56.84 -1.19 0.00 N | 69.28 -1.37 0.00 N | 69.12 -1.30 0.00 N | 65.53 -1.27 0.00 N | 64.81 -1.28 0.00 N | 69.07 -1.28 0.00 N | 73.36 -1.02 0.00 N | 60.89 -0.83 0.00 N | 58.16 -0.85 0.00 N |
| BEEBEE_GT_13 23619 | 46.83 -0.18 0.00 N | 37.37 -0.41 0.00 N | 30.99 -0.51 0.00 N | 0.02 0.03 0.00 N | -239.57 4.10 0.00 N | -204.58 3.17 0.00 N | -242.14 0.75 0.00 N | 32.11 0.24 0.00 N | 33.28 0.70 0.00 N | 30.93 1.03 0.00 N | 44.40 1.87 0.00 N | 55.37 2.69 0.00 N | 49.59 2.82 0.00 N | 57.67 3.47 0.00 N | 63.76 3.15 0.00 N | 61.09 3.07 0.00 N | 73.94 3.29 0.00 N | 73.94 3.52 0.00 N | 69.55 2.76 0.00 N | 68.33 2.24 0.00 N | 72.42 2.07 0.00 N | 77.45 3.07 0.00 N | 63.13 1.41 0.00 N | 59.87 0.86 0.00 N |
| BETHLEHEM___GRP 23843 | 48.31 1.30 0.00 N | 38.99 1.21 0.00 N | 32.45 0.95 0.00 N | -0.04 -0.04 0.00 N | -249.94 -6.27 0.00 N | -212.69 -4.94 0.00 N | -248.93 -6.04 0.00 N | 32.99 1.12 0.00 N | 33.66 1.08 0.00 N | 30.85 0.96 0.00 N | 43.72 1.19 0.00 N | 54.11 1.43 0.00 N | 47.82 1.04 0.00 N | 55.10 0.89 0.00 N | 61.97 1.37 0.00 N | 59.49 1.46 0.00 N | 72.65 2.00 0.00 N | 72.28 1.87 0.00 N | 68.67 1.88 0.00 N | 68.15 2.05 0.00 N | 72.57 2.22 0.00 N | 76.16 1.78 0.00 N | 63.33 1.61 0.00 N | 59.96 0.94 0.00 N |

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| BETHLEHEM___GS1 323560 | 48.31 1.30 0.00 N | 38.99 1.21 0.00 N | 32.45 0.95 0.00 N | -0.04 -0.04 0.00 N | -249.94 -6.27 0.00 N | -212.69 -4.94 0.00 N | -248.93 -6.04 0.00 N | 32.99 1.12 0.00 N | 33.66 1.08 0.00 N | 30.85 0.96 0.00 N | 43.72 1.19 0.00 N | 54.11 1.43 0.00 N | 47.82 1.04 0.00 N | 55.10 0.89 0.00 N | 61.97 1.37 0.00 N | 59.49 1.46 0.00 N | 72.65 2.00 0.00 N | 72.28 1.87 0.00 N | 68.67 1.88 0.00 N | 68.15 2.05 0.00 N | 72.57 2.22 0.00 N | 76.16 1.78 0.00 N | 63.33 1.61 0.00 N | 59.96 0.94 0.00 N |
| BETHLEHEM___GS2 323561 | 48.31 1.30 0.00 N | 38.99 1.21 0.00 N | 32.45 0.95 0.00 N | -0.04 -0.04 0.00 N | -249.94 -6.27 0.00 N | -212.69 -4.94 0.00 N | -248.93 -6.04 0.00 N | 32.99 1.12 0.00 N | 33.66 1.08 0.00 N | 30.85 0.96 0.00 N | 43.72 1.19 0.00 N | 54.11 1.43 0.00 N | 47.82 1.04 0.00 N | 55.10 0.89 0.00 N | 61.97 1.37 0.00 N | 59.49 1.46 0.00 N | 72.65 2.00 0.00 N | 72.28 1.87 0.00 N | 68.67 1.88 0.00 N | 68.15 2.05 0.00 N | 72.57 2.22 0.00 N | 76.16 1.78 0.00 N | 63.33 1.61 0.00 N | 59.96 0.94 0.00 N |
| BETHLEHEM___GS3 323562 | 48.31 1.30 0.00 N | 38.99 1.21 0.00 N | 32.45 0.95 0.00 N | -0.04 -0.04 0.00 N | -249.94 -6.27 0.00 N | -212.69 -4.94 0.00 N | -248.93 -6.04 0.00 N | 32.99 1.12 0.00 N | 33.66 1.08 0.00 N | 30.85 0.96 0.00 N | 43.72 1.19 0.00 N | 54.11 1.43 0.00 N | 47.82 1.04 0.00 N | 55.10 0.89 0.00 N | 61.97 1.37 0.00 N | 59.49 1.46 0.00 N | 72.65 2.00 0.00 N | 72.28 1.87 0.00 N | 68.67 1.88 0.00 N | 68.15 2.05 0.00 N | 72.57 2.22 0.00 N | 76.16 1.78 0.00 N | 63.33 1.61 0.00 N | 59.96 0.94 0.00 N |
| BETHLEHEM___STEEL 23779 | 45.32 -1.70 0.00 N | 36.26 -1.53 0.00 N | 29.99 -1.51 0.00 N | 0.07 0.07 0.00 N | -231.64 12.03 0.00 N | -198.18 9.56 0.00 N | -236.11 6.78 0.00 N | 31.17 -0.69 0.00 N | 31.91 -0.67 0.00 N | 29.20 -0.69 0.00 N | 41.94 -0.59 0.00 N | 52.91 0.23 0.00 N | 47.59 0.82 0.00 N | 55.66 1.45 0.00 N | 60.90 0.30 0.00 N | 58.29 0.26 0.00 N | 70.20 -0.44 0.00 N | 70.37 -0.05 0.00 N | 66.12 -0.67 0.00 N | 65.05 -1.04 0.00 N | 68.76 -1.59 0.00 N | 73.97 -0.41 0.00 N | 60.15 -1.57 0.00 N | 57.63 -1.38 0.00 N |
| BETHPAGE_CC_5 323564 | 103.26 3.89 -52.36 N | 104.32 3.14 -63.39 N | 61.11 2.43 -27.18 N | 9.14 0.01 -9.13 N | -260.70 -17.03 0.00 N | -220.75 -13.01 0.00 N | -254.41 -16.27 -4.75 N | 57.68 2.63 -23.18 N | 113.65 2.58 -78.48 N | 102.23 2.54 -69.79 N | 76.03 4.09 -29.41 N | 86.93 5.60 -28.65 N | 89.31 4.36 -38.18 N | 110.44 4.97 -51.26 N | 197.59 5.67 -131.31 N | 288.94 5.03 -225.88 N | 112.33 6.84 -34.85 N | 91.60 6.98 -14.21 N | 105.93 7.00 -32.14 N | 82.51 7.25 -9.16 N | 108.38 7.40 -30.64 N | 92.14 7.09 -10.67 N | 87.20 6.03 -19.44 N | 105.00 5.40 -40.59 N |
| BINGHAMTON___COGEN 23790 | 46.31 -0.71 0.00 N | 37.17 -0.62 0.00 N | 30.91 -0.58 0.00 N | 0.09 0.09 0.00 N | -237.93 5.74 0.00 N | -203.16 4.58 0.00 N | -239.90 2.99 0.00 N | 31.71 -0.16 0.00 N | 32.39 -0.18 0.00 N | 29.88 -0.01 0.00 N | 42.70 0.17 0.00 N | 53.36 0.68 0.00 N | 47.55 0.78 0.00 N | 55.34 1.13 0.00 N | 61.54 0.94 0.00 N | 58.97 0.94 0.00 N | 71.51 0.86 0.00 N | 71.47 1.05 0.00 N | 67.56 0.77 0.00 N | 66.83 0.73 0.00 N | 71.06 0.72 0.00 N | 75.10 0.72 0.00 N | 61.76 0.04 0.00 N | 58.90 -0.11 0.00 N |
| BLACK RIVER___HYD 24047 | 46.10 -0.91 0.00 N | 36.91 -0.87 0.00 N | 30.63 -0.86 0.00 N | 0.01 0.01 0.00 N | -236.48 7.19 0.00 N | -201.24 6.50 0.00 N | -235.81 7.08 0.00 N | 31.00 -0.86 0.00 N | 31.76 -0.82 0.00 N | 29.24 -0.65 0.00 N | 41.53 -1.00 0.00 N | 51.58 -1.10 0.00 N | 46.17 -0.61 0.00 N | 53.42 -0.79 0.00 N | 59.56 -1.04 0.00 N | 57.06 -0.97 0.00 N | 69.51 -1.14 0.00 N | 69.35 -1.06 0.00 N | 65.72 -1.07 0.00 N | 64.99 -1.11 0.00 N | 69.22 -1.13 0.00 N | 73.52 -0.86 0.00 N | 60.83 -0.89 0.00 N | 57.98 -1.03 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 48.10 1.09 0.00 N | 38.75 0.97 0.00 N | 32.22 0.72 0.00 N | -0.03 -0.02 0.00 N | -248.12 -4.45 0.00 N | -211.06 -3.32 0.00 N | -246.58 -3.69 0.00 N | 32.61 0.75 0.00 N | 33.31 0.73 0.00 N | 30.70 0.81 0.00 N | 43.81 1.27 0.00 N | 54.38 1.69 0.00 N | 48.09 1.31 0.00 N | 55.57 1.36 0.00 N | 62.46 1.86 0.00 N | 59.89 1.86 0.00 N | 73.05 2.40 0.00 N | 72.72 2.31 0.00 N | 69.11 2.32 0.00 N | 68.56 2.46 0.00 N | 72.99 2.64 0.00 N | 76.75 2.37 0.00 N | 63.76 2.04 0.00 N | 60.44 1.43 0.00 N |
| BOC_GAS_DRP 24189 | 48.09 1.08 0.00 N | 38.77 0.98 0.00 N | 32.25 0.75 0.00 N | -0.02 -0.03 0.00 N | -248.40 -4.73 0.00 N | -211.37 -3.63 0.00 N | -247.31 -4.42 0.00 N | 32.69 0.83 0.00 N | 33.40 0.82 0.00 N | 30.73 0.84 0.00 N | 43.77 1.23 0.00 N | 54.29 1.61 0.00 N | 47.99 1.21 0.00 N | 55.43 1.22 0.00 N | 62.28 1.68 0.00 N | 59.71 1.68 0.00 N | 72.83 2.19 0.00 N | 72.50 2.09 0.00 N | 68.87 2.08 0.00 N | 68.34 2.25 0.00 N | 72.79 2.44 0.00 N | 76.51 2.13 0.00 N | 63.62 1.90 0.00 N | 60.35 1.35 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 48.99 1.98 0.00 N | 39.52 1.74 0.00 N | 32.86 1.36 0.00 N | -0.07 -0.07 0.00 N | -253.32 -9.65 0.00 N | -215.69 -7.95 0.00 N | -252.27 -9.38 0.00 N | 33.62 1.75 0.00 N | 34.23 1.65 0.00 N | 31.47 1.58 0.00 N | 44.82 2.28 0.00 N | 55.42 2.74 0.00 N | 48.70 1.93 0.00 N | 55.95 1.75 0.00 N | 63.41 2.81 0.00 N | 61.07 3.04 0.00 N | 74.89 4.24 0.00 N | 74.29 3.88 0.00 N | 70.58 3.79 0.00 N | 70.06 3.96 0.00 N | 74.58 4.23 0.00 N | 77.87 3.49 0.00 N | 65.02 3.30 0.00 N | 61.37 2.36 0.00 N |
| BOWLINE___1 23526 | 49.56 2.55 0.00 N | 39.79 2.01 0.00 N | 32.90 1.41 0.00 N | 0.01 0.01 0.00 N | -252.28 -8.61 0.00 N | -214.83 -7.08 0.00 N | -251.69 -8.80 0.00 N | 33.51 1.65 0.00 N | 34.38 1.80 0.00 N | 31.96 2.07 0.00 N | 45.70 3.17 0.00 N | 56.98 4.30 0.00 N | 50.31 3.53 0.00 N | 58.46 4.26 0.00 N | 65.66 5.06 0.00 N | 62.95 4.92 0.00 N | 76.50 5.85 0.00 N | 76.27 5.85 0.00 N | 72.67 5.88 0.00 N | 71.97 5.87 0.00 N | 76.32 5.97 0.00 N | 80.26 5.88 0.00 N | 66.73 5.02 0.00 N | 63.01 4.00 0.00 N |
| BOWLINE___2 23595 | 49.59 2.58 0.00 N | 39.80 2.02 0.00 N | 32.91 1.41 0.00 N | 0.02 0.02 0.00 N | -252.40 -8.73 0.00 N | -214.91 -7.17 0.00 N | -251.82 -8.93 0.00 N | 33.53 1.67 0.00 N | 34.40 1.82 0.00 N | 31.98 2.09 0.00 N | 45.73 3.19 0.00 N | 57.01 4.33 0.00 N | 50.35 3.57 0.00 N | 58.50 4.30 0.00 N | 65.71 5.11 0.00 N | 63.00 4.97 0.00 N | 76.59 5.94 0.00 N | 76.37 5.95 0.00 N | 72.73 5.94 0.00 N | 72.03 5.93 0.00 N | 76.42 6.07 0.00 N | 80.37 5.99 0.00 N | 66.79 5.07 0.00 N | 63.05 4.04 0.00 N |
| BROOKHAVEN___DRP 24191 | 98.45 3.68 -47.76 N | 99.05 3.13 -58.14 N | 55.72 2.52 -21.70 N | 6.18 0.04 -6.14 N | -273.90 -17.17 13.05 N | -227.71 -13.21 6.75 N | -263.42 -16.67 3.86 N | 54.54 2.72 -19.95 N | 105.06 2.43 -70.05 N | 93.19 2.33 -60.96 N | 73.73 4.01 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.26 -33.35 N | 103.65 4.66 -44.77 N | 180.37 4.84 -114.92 N | 259.28 3.68 -197.57 N | 106.52 5.73 -30.14 N | 88.23 6.30 -11.51 N | 101.55 6.74 -28.01 N | 81.20 7.06 -8.05 N | 104.28 7.25 -26.67 N | 89.20 6.79 -8.04 N | 79.72 5.66 -12.34 N | 84.81 4.92 -20.88 N |
| BROOKLYN_NAVY_YARD 23515 | 50.25 3.23 0.00 N | 40.41 2.58 -0.04 N | 33.57 1.83 -0.25 N | 0.11 0.00 -0.12 N | -255.38 -11.71 0.00 N | -216.45 -8.70 0.00 N | -253.60 -10.71 0.00 N | 33.78 1.86 -0.06 N | 34.60 2.02 0.00 N | 32.24 2.34 0.00 N | 46.16 3.62 0.00 N | 57.59 4.92 0.00 N | 50.80 4.02 0.00 N | 58.98 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.22 6.57 0.00 N | 77.00 6.58 0.00 N | 73.30 6.51 0.00 N | 72.63 6.53 0.00 N | 77.12 6.77 0.00 N | 81.11 6.73 0.00 N | 67.51 5.79 0.00 N | 63.76 4.75 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|---|
| BURROWS___LYONSDAL 23803 | 47.15 0.13 0.00 N | 37.80 0.02 0.00 N | 31.30 -0.20 0.00 N | 0.00 0.00 0.00 N | -241.74 1.93 0.00 N | -205.98 1.77 0.00 N | -241.16 1.74 0.00 N | 31.69 -0.17 0.00 N | 32.46 -0.12 0.00 N | 29.86 -0.03 0.00 N | 42.47 -0.06 0.00 N | 52.73 0.05 0.00 N | 46.99 0.21 0.00 N | 54.43 0.22 0.00 N | 60.78 0.18 0.00 N | 58.22 0.19 0.00 N | 70.91 0.26 0.00 N | 70.71 0.30 0.00 N | 67.03 0.24 0.00 N | 66.32 0.23 0.00 N | 70.62 0.27 0.00 N | 74.84 0.46 0.00 N | 61.96 0.24 0.00 N | 59.10 0.10 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 105.55 4.00 -54.54 N | 106.89 3.22 -65.88 N | 63.72 2.49 -29.73 N | 10.53 0.01 -10.52 N | -255.03 -17.43 -6.07 N | -218.00 -13.40 -3.14 N | -250.84 -16.70 -8.75 N | 59.24 2.69 -24.68 N | 117.72 2.66 -82.47 N | 106.51 2.62 -74.00 N | 77.12 4.13 -30.46 N | 88.15 5.64 -29.84 N | 91.67 4.42 -40.48 N | 113.61 5.06 -54.34 N | 205.57 5.80 -139.16 N | 302.77 5.20 -239.54 N | 114.84 7.01 -37.18 N | 93.00 7.11 -15.48 N | 108.00 7.10 -34.11 N | 83.12 7.33 -9.69 N | 110.37 7.50 -32.52 N | 93.51 7.23 -11.91 N | 90.64 6.14 -22.78 N | 114.38 5.55 -49.82 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 105.55 4.00 -54.54 N | 106.89 3.22 -65.88 N | 63.72 2.49 -29.73 N | 10.53 0.01 -10.52 N | -255.03 -17.43 -6.07 N | -218.00 -13.40 -3.14 N | -250.84 -16.70 -8.75 N | 59.24 2.69 -24.68 N | 117.72 2.66 -82.47 N | 106.51 2.62 -74.00 N | 77.12 4.13 -30.46 N | 88.15 5.64 -29.84 N | 91.67 4.42 -40.48 N | 113.61 5.06 -54.34 N | 205.57 5.80 -139.16 N | 302.77 5.20 -239.54 N | 114.84 7.01 -37.18 N | 93.00 7.11 -15.48 N | 108.00 7.10 -34.11 N | 83.12 7.33 -9.69 N | 110.37 7.50 -32.52 N | 93.51 7.23 -11.91 N | 90.64 6.14 -22.78 N | 114.38 5.55 -49.82 N | |
| CALPINE_BP_GT1 23823 | 105.55 4.00 -54.54 N | 106.89 3.22 -65.88 N | 63.72 2.49 -29.73 N | 10.53 0.01 -10.52 N | -255.03 -17.43 -6.07 N | -218.00 -13.40 -3.14 N | -250.84 -16.70 -8.75 N | 59.24 2.69 -24.68 N | 117.72 2.66 -82.47 N | 106.51 2.62 -74.00 N | 77.12 4.13 -30.46 N | 88.15 5.64 -29.84 N | 91.67 4.42 -40.48 N | 113.61 5.06 -54.34 N | 205.57 5.80 -139.16 N | 302.77 5.20 -239.54 N | 114.84 7.01 -37.18 N | 93.00 7.11 -15.48 N | 108.00 7.10 -34.11 N | 83.12 7.33 -9.69 N | 110.37 7.50 -32.52 N | 93.51 7.23 -11.91 N | 90.64 6.14 -22.78 N | 114.38 5.55 -49.82 N | |
| CALSPAN___DRP 24200 | 45.32 -1.70 0.00 N | 36.26 -1.53 0.00 N | 29.99 -1.51 0.00 N | 0.07 0.07 0.00 N | -231.64 12.03 0.00 N | -198.18 9.56 0.00 N | -236.11 6.78 0.00 N | 31.17 -0.69 0.00 N | 31.91 -0.67 0.00 N | 29.20 -0.69 0.00 N | 41.94 -0.59 0.00 N | 52.91 0.23 0.00 N | 47.59 0.82 0.00 N | 55.66 1.45 0.00 N | 60.90 0.30 0.00 N | 58.29 0.26 0.00 N | 70.20 -0.44 0.00 N | 70.37 -0.05 0.00 N | 66.12 -0.67 0.00 N | 65.05 -1.04 0.00 N | 68.76 -1.59 0.00 N | 73.97 -0.41 0.00 N | 60.15 -1.57 0.00 N | 57.63 -1.38 0.00 N | |
| CARR STREET_E__SYR 24060 | 46.52 -0.49 0.00 N | 37.30 -0.49 0.00 N | 31.01 -0.49 0.00 N | 0.01 0.01 0.00 N | -239.55 4.12 0.00 N | -204.28 3.47 0.00 N | -239.81 3.08 0.00 N | 31.51 -0.36 0.00 N | 32.19 -0.39 0.00 N | 29.63 -0.27 0.00 N | 42.25 -0.29 0.00 N | 52.61 -0.07 0.00 N | 46.96 0.18 0.00 N | 54.47 0.27 0.00 N | 60.67 0.07 0.00 N | 58.15 0.13 0.00 N | 70.60 -0.04 0.00 N | 70.45 0.04 0.00 N | 66.69 -0.10 0.00 N | 65.91 -0.19 0.00 N | 70.06 -0.29 0.00 N | 74.24 -0.14 0.00 N | 61.34 -0.38 0.00 N | 58.73 -0.27 0.00 N | |
| CARTHAGE___PAPER 23857 | 46.24 -0.77 0.00 N | 37.03 -0.76 0.00 N | 30.74 -0.76 0.00 N | 0.02 0.02 0.00 N | -237.46 6.22 0.00 N | -202.15 5.60 0.00 N | -236.66 6.23 0.00 N | 31.08 -0.78 0.00 N | 31.81 -0.77 0.00 N | 29.25 -0.65 0.00 N | 41.51 -1.02 0.00 N | 51.49 -1.18 0.00 N | 46.04 -0.73 0.00 N | 53.31 -0.90 0.00 N | 59.47 -1.13 0.00 N | 56.94 -1.08 0.00 N | 69.39 -1.26 0.00 N | 69.23 -1.18 0.00 N | 65.62 -1.17 0.00 N | 64.89 -1.21 0.00 N | 69.15 -1.20 0.00 N | 73.44 -0.94 0.00 N | 60.84 -0.88 0.00 N | 58.03 -0.98 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 49.84 2.83 0.00 N | 40.03 2.25 0.00 N | 33.10 1.60 0.00 N | -0.04 -0.04 0.00 N | -254.88 -11.21 0.00 N | -216.08 -8.34 0.00 N | -253.13 -10.23 0.00 N | 33.69 1.82 0.00 N | 34.55 1.97 0.00 N | 32.13 2.23 0.00 N | 45.97 3.44 0.00 N | 57.32 4.64 0.00 N | 50.58 3.81 0.00 N | 58.73 4.52 0.00 N | 65.97 5.37 0.00 N | 63.23 5.20 0.00 N | 76.93 6.28 0.00 N | 76.72 6.31 0.00 N | 73.02 6.23 0.00 N | 72.36 6.26 0.00 N | 76.82 6.48 0.00 N | 80.79 6.41 0.00 N | 67.18 5.46 0.00 N | 63.43 4.42 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 49.74 2.73 0.00 N | 39.95 2.16 0.00 N | 33.04 1.54 0.00 N | -0.01 -0.01 0.00 N | -253.52 -9.85 0.00 N | -215.53 -7.79 0.00 N | -252.49 -9.60 0.00 N | 33.60 1.73 0.00 N | 34.47 1.89 0.00 N | 32.04 2.14 0.00 N | 45.84 3.30 0.00 N | 57.14 4.46 0.00 N | 50.44 3.67 0.00 N | 58.57 4.36 0.00 N | 65.79 5.20 0.00 N | 63.07 5.04 0.00 N | 76.74 6.09 0.00 N | 76.53 6.11 0.00 N | 72.83 6.04 0.00 N | 72.17 6.07 0.00 N | 76.62 6.27 0.00 N | 80.58 6.20 0.00 N | 66.97 5.25 0.00 N | 63.25 4.24 0.00 N | |
| CE_NYC2_DRP 24202 | 64.84 3.25 -14.58 N | 62.63 2.58 -22.26 N | 60.89 1.88 -27.52 N | 3.43 -0.02 -3.45 N | -256.16 -12.48 0.00 N | -217.35 -9.61 0.00 N | -254.52 -11.62 0.00 N | 33.92 2.00 -0.05 N | 34.76 2.18 0.00 N | 37.54 2.47 -5.17 N | 54.07 3.76 -7.77 N | 66.62 5.02 -8.92 N | 71.46 4.11 -20.57 N | 74.22 4.89 -15.12 N | 77.06 5.76 -10.69 N | 75.40 5.56 -11.81 N | 77.51 6.62 -0.24 N | 77.20 6.65 -0.14 N | 75.39 6.60 -2.00 N | 74.29 6.58 -1.61 N | 77.13 6.78 0.00 N | 82.15 6.80 -0.97 N | 79.11 5.89 -11.49 N | 85.79 4.81 -21.97 N | |
| CE_NYC_DRP 24195 | 50.31 3.30 0.00 N | 40.45 2.62 -0.04 N | 33.63 1.89 -0.25 N | 0.11 -0.01 -0.12 N | -256.22 -12.55 0.00 N | -217.35 -9.61 0.00 N | -254.51 -11.62 0.00 N | 33.93 2.01 -0.06 N | 34.75 2.17 0.00 N | 32.37 2.48 0.00 N | 46.33 3.80 0.00 N | 57.79 5.12 0.00 N | 50.95 4.17 0.00 N | 59.14 4.94 0.00 N | 66.44 5.84 0.00 N | 63.68 5.65 0.00 N | 77.44 6.79 0.00 N | 77.24 6.82 0.00 N | 73.50 6.71 0.00 N | 72.81 6.72 0.00 N | 77.30 6.96 0.00 N | 81.33 6.95 0.00 N | 67.67 5.95 0.00 N | 63.89 4.88 0.00 N | |
| CHAT_HIGH_FALL_HYD 323578 | 46.24 -0.77 0.00 N | 37.20 -0.59 0.00 N | 31.13 -0.37 0.00 N | -0.01 -0.01 0.00 N | -242.23 1.45 0.00 N | -206.83 0.91 0.00 N | -240.54 2.35 0.00 N | 31.27 -0.60 0.00 N | 31.92 -0.66 0.00 N | 29.20 -0.69 0.00 N | 41.28 -1.25 0.00 N | 50.75 -1.93 0.00 N | 44.99 -1.79 0.00 N | 52.40 -1.81 0.00 N | 58.59 -2.01 0.00 N | 55.97 -2.05 0.00 N | 68.39 -2.26 0.00 N | 68.06 -2.35 0.00 N | 64.58 -2.21 0.00 N | 63.79 -2.31 0.00 N | 68.05 -2.30 0.00 N | 72.14 -2.24 0.00 N | 60.04 -1.69 0.00 N | 57.52 -1.49 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 49.64 2.63 0.00 N | 39.90 2.12 0.00 N | 33.04 1.54 0.00 N | -0.03 -0.03 0.00 N | -254.23 -10.56 0.00 N | -215.90 -8.16 0.00 N | -252.88 -9.99 0.00 N | 33.62 1.75 0.00 N | 34.46 1.88 0.00 N | 32.00 2.11 0.00 N | 45.77 3.23 0.00 N | 56.98 4.30 0.00 N | 50.31 3.54 0.00 N | 58.37 4.17 0.00 N | 65.61 5.02 0.00 N | 62.92 4.89 0.00 N | 76.61 5.96 0.00 N | 76.35 5.94 0.00 N | 72.63 5.84 0.00 N | 72.00 5.90 0.00 N | 76.48 6.13 0.00 N | 80.39 6.01 0.00 N | 66.80 5.08 0.00 N | 63.09 4.08 0.00 N | |
| CH_MISC_IPPS | 49.19 | 39.49 | 32.71 | -0.06 | -253.24 | -215.16 | -252.02 | 33.52 | 34.41 | 31.95 | 45.62 | 56.67 | 50.01 | 58.09 | 65.29 | 62.60 | 76.22 | 76.00 | 72.29 | 71.60 | 76.04 | 79.97 | 66.37 | 62.61 | |

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| 23765 | 2.18 0.00 N | 1.70 0.00 N | 1.22 0.00 N | -0.06 0.00 N | -9.57 0.00 N | -7.41 0.00 N | -9.13 0.00 N | 1.65 0.00 N | 1.82 0.00 N | 2.06 0.00 N | 3.09 0.00 N | 3.99 0.00 N | 3.24 0.00 N | 3.89 0.00 N | 4.69 0.00 N | 4.57 0.00 N | 5.58 0.00 N | 5.58 0.00 N | 5.50 0.00 N | 5.50 0.00 N | 5.70 0.00 N | 5.59 0.00 N | 4.65 0.00 N | 3.60 0.00 N |
| CH_RES_BVR_FALLS 23983 | 46.46 -0.55 0.00 N | 37.31 -0.47 0.00 N | 31.10 -0.39 0.00 N | 0.00 0.00 N | -241.23 2.45 0.00 N | -206.27 1.48 0.00 N | -241.38 1.52 0.00 N | 31.66 -0.20 0.00 N | 32.39 -0.19 0.00 N | 29.71 -0.18 0.00 N | 42.23 -0.30 0.00 N | 52.23 -0.45 0.00 N | 46.33 -0.44 0.00 N | 53.67 -0.53 0.00 N | 59.95 -0.65 0.00 N | 57.34 -0.69 0.00 N | 69.90 -0.74 0.00 N | 69.71 -0.71 0.00 N | 66.17 -0.62 0.00 N | 65.48 -0.61 0.00 N | 69.74 -0.61 0.00 N | 73.85 -0.53 0.00 N | 61.11 -0.61 0.00 N | 58.34 -0.67 0.00 N |
| CH_RES_NIAGARA 23895 | 45.81 -1.20 0.00 N | 36.65 -1.13 0.00 N | 30.29 -1.21 0.00 N | 0.06 0.06 N | -234.34 9.33 0.00 N | -200.32 7.42 0.00 N | -238.22 4.68 0.00 N | 31.38 -0.49 0.00 N | 32.14 -0.44 0.00 N | 29.33 -0.57 0.00 N | 42.14 -0.39 0.00 N | 53.12 0.44 0.00 N | 47.81 1.03 0.00 N | 55.86 1.65 0.00 N | 61.04 0.44 0.00 N | 58.36 0.33 0.00 N | 70.31 -0.34 0.00 N | 70.44 0.03 0.00 N | 66.21 -0.58 0.00 N | 65.09 -1.01 0.00 N | 68.73 -1.62 0.00 N | 74.21 -0.17 0.00 N | 60.42 -1.30 0.00 N | 57.97 -1.04 0.00 N |
| CH_RES_SYRACUSE 23985 | 46.59 -0.43 0.00 N | 37.34 -0.45 0.00 N | 31.04 -0.46 0.00 N | 0.00 0.00 N | -239.96 3.71 0.00 N | -204.54 3.20 0.00 N | -239.92 2.97 0.00 N | 31.47 -0.40 0.00 N | 32.15 -0.43 0.00 N | 29.55 -0.34 0.00 N | 42.11 -0.42 0.00 N | 52.41 -0.26 0.00 N | 46.78 0.01 0.00 N | 54.28 0.07 0.00 N | 60.48 -0.12 0.00 N | 57.98 -0.05 0.00 N | 70.41 -0.23 0.00 N | 70.25 -0.17 0.00 N | 66.50 -0.28 0.00 N | 65.70 -0.39 0.00 N | 69.87 -0.48 0.00 N | 74.07 -0.31 0.00 N | 61.22 -0.50 0.00 N | 58.63 -0.38 0.00 N |
| COLONIE_LFGE__ 323577 | 48.66 1.65 0.00 N | 39.27 1.48 0.00 N | 32.64 1.14 0.00 N | -0.04 -0.04 N | -251.30 -7.63 0.00 N | -213.87 -6.12 0.00 N | -250.33 -7.44 0.00 N | 33.29 1.42 0.00 N | 33.97 1.39 0.00 N | 31.26 1.36 0.00 N | 44.47 1.94 0.00 N | 55.09 2.41 0.00 N | 48.55 1.78 0.00 N | 55.86 1.66 0.00 N | 62.99 2.39 0.00 N | 60.56 2.53 0.00 N | 74.12 3.47 0.00 N | 73.63 3.21 0.00 N | 69.94 3.16 0.00 N | 69.46 3.36 0.00 N | 73.97 3.62 0.00 N | 77.42 3.05 0.00 N | 64.45 2.73 0.00 N | 60.87 1.86 0.00 N |
| CORNELL____ 23752 | 44.79 -2.22 0.00 N | 35.76 -2.03 0.00 N | 29.75 -1.75 0.00 N | -0.09 -0.09 N | -235.88 7.79 0.00 N | -201.04 6.70 0.00 N | -236.97 5.92 0.00 N | 30.73 -1.13 0.00 N | 31.37 -1.21 0.00 N | 29.27 -0.63 0.00 N | 41.34 -1.19 0.00 N | 51.72 -0.96 0.00 N | 46.31 -0.46 0.00 N | 53.90 -0.30 0.00 N | 59.92 -0.68 0.00 N | 57.49 -0.53 0.00 N | 69.75 -0.89 0.00 N | 69.72 -0.69 0.00 N | 65.87 -0.92 0.00 N | 64.94 -1.16 0.00 N | 69.03 -1.32 0.00 N | 73.34 -1.04 0.00 N | 60.09 -1.63 0.00 N | 57.10 -1.91 0.00 N |
| COXSACKIE___GT 23611 | 49.83 2.82 0.00 N | 40.05 2.26 0.00 N | 33.23 1.73 0.00 N | 0.00 0.00 N | -255.51 -11.84 0.00 N | -217.06 -9.31 0.00 N | -254.33 -11.44 0.00 N | 33.79 1.92 0.00 N | 34.66 2.08 0.00 N | 32.14 2.24 0.00 N | 45.98 3.44 0.00 N | 57.27 4.59 0.00 N | 50.68 3.90 0.00 N | 58.72 4.52 0.00 N | 66.04 5.44 0.00 N | 63.35 5.32 0.00 N | 77.23 6.58 0.00 N | 76.95 6.53 0.00 N | 73.06 6.27 0.00 N | 72.41 6.31 0.00 N | 77.02 6.67 0.00 N | 80.92 6.54 0.00 N | 67.02 5.31 0.00 N | 63.28 4.27 0.00 N |
| CRESCENT___HYD 24018 | 48.66 1.65 0.00 N | 39.27 1.48 0.00 N | 32.64 1.14 0.00 N | -0.04 -0.04 N | -251.30 -7.63 0.00 N | -213.87 -6.12 0.00 N | -250.33 -7.44 0.00 N | 33.29 1.42 0.00 N | 33.97 1.39 0.00 N | 31.26 1.36 0.00 N | 44.47 1.94 0.00 N | 55.09 2.41 0.00 N | 48.55 1.78 0.00 N | 55.86 1.66 0.00 N | 62.99 2.39 0.00 N | 60.56 2.53 0.00 N | 74.12 3.47 0.00 N | 73.63 3.21 0.00 N | 69.94 3.16 0.00 N | 69.46 3.36 0.00 N | 73.97 3.62 0.00 N | 77.42 3.05 0.00 N | 64.45 2.73 0.00 N | 60.87 1.86 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 46.59 -0.43 0.00 N | 37.34 -0.45 0.00 N | 31.04 -0.46 0.00 N | 0.00 0.00 N | -239.96 3.71 0.00 N | -204.54 3.20 0.00 N | -239.92 2.97 0.00 N | 31.47 -0.40 0.00 N | 32.15 -0.43 0.00 N | 29.55 -0.34 0.00 N | 42.11 -0.42 0.00 N | 52.41 -0.26 0.00 N | 46.78 0.01 0.00 N | 54.28 0.07 0.00 N | 60.48 -0.12 0.00 N | 57.98 -0.05 0.00 N | 70.41 -0.23 0.00 N | 70.25 -0.17 0.00 N | 66.50 -0.28 0.00 N | 65.70 -0.39 0.00 N | 69.87 -0.48 0.00 N | 74.07 -0.31 0.00 N | 61.22 -0.50 0.00 N | 58.63 -0.38 0.00 N |
| DANSKAMMER___1 23586 | 49.19 2.18 0.00 N | 39.49 1.70 0.00 N | 32.71 1.22 0.00 N | -0.06 -0.06 N | -253.24 -9.57 0.00 N | -215.16 -7.41 0.00 N | -252.02 -9.13 0.00 N | 33.52 1.65 0.00 N | 34.41 1.82 0.00 N | 31.95 2.06 0.00 N | 45.62 3.09 0.00 N | 56.67 3.99 0.00 N | 50.01 3.24 0.00 N | 58.09 3.89 0.00 N | 65.29 4.69 0.00 N | 62.60 4.57 0.00 N | 76.22 5.58 0.00 N | 76.00 5.58 0.00 N | 72.29 5.50 0.00 N | 71.60 5.50 0.00 N | 76.04 5.70 0.00 N | 79.97 5.59 0.00 N | 66.37 4.65 0.00 N | 62.61 3.60 0.00 N |
| DANSKAMMER___2 23589 | 49.19 2.18 0.00 N | 39.49 1.70 0.00 N | 32.71 1.22 0.00 N | -0.06 -0.06 N | -253.24 -9.57 0.00 N | -215.16 -7.41 0.00 N | -252.02 -9.13 0.00 N | 33.52 1.65 0.00 N | 34.41 1.82 0.00 N | 31.95 2.06 0.00 N | 45.62 3.09 0.00 N | 56.67 3.99 0.00 N | 50.01 3.24 0.00 N | 58.09 3.89 0.00 N | 65.29 4.69 0.00 N | 62.60 4.57 0.00 N | 76.22 5.58 0.00 N | 76.00 5.58 0.00 N | 72.29 5.50 0.00 N | 71.60 5.50 0.00 N | 76.04 5.70 0.00 N | 79.97 5.59 0.00 N | 66.37 4.65 0.00 N | 62.61 3.60 0.00 N |
| DANSKAMMER___3 23590 | 49.19 2.18 0.00 N | 39.49 1.70 0.00 N | 32.71 1.22 0.00 N | -0.06 -0.06 N | -253.24 -9.57 0.00 N | -215.16 -7.41 0.00 N | -252.02 -9.13 0.00 N | 33.52 1.65 0.00 N | 34.41 1.82 0.00 N | 31.95 2.06 0.00 N | 45.62 3.09 0.00 N | 56.67 3.99 0.00 N | 50.01 3.24 0.00 N | 58.09 3.89 0.00 N | 65.29 4.69 0.00 N | 62.60 4.57 0.00 N | 76.22 5.58 0.00 N | 76.00 5.58 0.00 N | 72.29 5.50 0.00 N | 71.60 5.50 0.00 N | 76.04 5.70 0.00 N | 79.97 5.59 0.00 N | 66.37 4.65 0.00 N | 62.61 3.60 0.00 N |
| DANSKAMMER___4 23591 | 49.19 2.18 0.00 N | 39.49 1.70 0.00 N | 32.71 1.22 0.00 N | -0.06 -0.06 N | -253.24 -9.57 0.00 N | -215.16 -7.41 0.00 N | -252.02 -9.13 0.00 N | 33.52 1.65 0.00 N | 34.41 1.82 0.00 N | 31.95 2.06 0.00 N | 45.62 3.09 0.00 N | 56.67 3.99 0.00 N | 50.01 3.24 0.00 N | 58.09 3.89 0.00 N | 65.29 4.69 0.00 N | 62.60 4.57 0.00 N | 76.22 5.58 0.00 N | 76.00 5.58 0.00 N | 72.29 5.50 0.00 N | 71.60 5.50 0.00 N | 76.04 5.70 0.00 N | 79.97 5.59 0.00 N | 66.37 4.65 0.00 N | 62.61 3.60 0.00 N |
| DANSKAMMER___DIESEL 23592 | 49.19 2.18 0.00 N | 39.49 1.70 0.00 N | 32.71 1.22 0.00 N | -0.06 -0.06 N | -253.24 -9.57 0.00 N | -215.16 -7.41 0.00 N | -252.02 -9.13 0.00 N | 33.52 1.65 0.00 N | 34.41 1.82 0.00 N | 31.95 2.06 0.00 N | 45.62 3.09 0.00 N | 56.67 3.99 0.00 N | 50.01 3.24 0.00 N | 58.09 3.89 0.00 N | 65.29 4.69 0.00 N | 62.60 4.57 0.00 N | 76.22 5.58 0.00 N | 76.00 5.58 0.00 N | 72.29 5.50 0.00 N | 71.60 5.50 0.00 N | 76.04 5.70 0.00 N | 79.97 5.59 0.00 N | 66.37 4.65 0.00 N | 62.61 3.60 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|----------------------------------|---------------------------------|----------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|
| DASHVILLE___HYD 23610 | 49.79 2.78 0.00 N | 40.02 2.23 0.00 N | 33.11 1.61 0.00 N | -0.02 -0.02 0.00 N | -254.84 -11.17 0.00 N | -216.45 -8.70 0.00 N | -253.61 -10.72 0.00 N | 33.72 1.85 0.00 N | 34.63 2.05 0.00 N | 32.16 2.26 0.00 N | 45.98 3.45 0.00 N | 57.26 4.59 0.00 N | 50.59 3.82 0.00 N | 58.79 4.58 0.00 N | 66.06 5.45 0.00 N | 63.30 5.28 0.00 N | 77.03 6.38 0.00 N | 76.83 6.41 0.00 N | 73.08 6.29 0.00 N | 72.39 6.29 0.00 N | 76.88 6.54 0.00 N | 80.88 6.49 0.00 N | 67.13 5.41 0.00 N | 63.36 4.36 0.00 N |
| DOGLEVILLE___HYD 23807 | 49.84 2.83 0.00 N | 40.25 2.46 0.00 N | 33.45 1.96 0.00 N | 0.07 0.07 0.00 N | -256.39 -12.71 0.00 N | -218.49 -10.75 0.00 N | -256.90 -14.00 0.00 N | 34.20 2.34 0.00 N | 34.98 2.40 0.00 N | 32.34 2.45 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.80 4.03 0.00 N | 58.26 4.05 0.00 N | 65.35 4.75 0.00 N | 62.94 4.91 0.00 N | 76.70 6.06 0.00 N | 76.49 6.08 0.00 N | 72.55 5.76 0.00 N | 72.20 6.10 0.00 N | 77.13 6.78 0.00 N | 80.64 6.26 0.00 N | 66.96 5.25 0.00 N | 63.45 4.43 0.00 N |
| DUNKIRK___1 23563 | 42.85 -4.16 0.00 N | 34.39 -3.39 0.00 N | 28.49 -3.01 0.00 N | 0.18 0.18 0.00 N | -219.21 24.46 0.00 N | -188.00 19.75 0.00 N | -225.40 17.49 0.00 N | 29.89 -1.97 0.00 N | 30.48 -2.10 0.00 N | 28.04 -1.86 0.00 N | 40.27 -2.26 0.00 N | 50.95 -1.73 0.00 N | 45.77 -1.00 0.00 N | 53.70 -0.51 0.00 N | 58.85 -1.75 0.00 N | 56.41 -1.62 0.00 N | 67.81 -2.84 0.00 N | 68.13 -2.29 0.00 N | 63.93 -2.86 0.00 N | 62.92 -3.18 0.00 N | 66.57 -3.78 0.00 N | 71.16 -3.22 0.00 N | 57.64 -4.08 0.00 N | 55.21 -3.80 0.00 N |
| DUNKIRK___2 23564 | 42.85 -4.16 0.00 N | 34.39 -3.39 0.00 N | 28.49 -3.01 0.00 N | 0.18 0.18 0.00 N | -219.21 24.46 0.00 N | -188.00 19.75 0.00 N | -225.40 17.49 0.00 N | 29.89 -1.97 0.00 N | 30.48 -2.10 0.00 N | 28.04 -1.86 0.00 N | 40.27 -2.26 0.00 N | 50.95 -1.73 0.00 N | 45.77 -1.00 0.00 N | 53.70 -0.51 0.00 N | 58.85 -1.75 0.00 N | 56.41 -1.62 0.00 N | 67.81 -2.84 0.00 N | 68.13 -2.29 0.00 N | 63.93 -2.86 0.00 N | 62.92 -3.18 0.00 N | 66.57 -3.78 0.00 N | 71.16 -3.22 0.00 N | 57.64 -4.08 0.00 N | 55.21 -3.80 0.00 N |
| DUNKIRK___3 23565 | 43.26 -3.75 0.00 N | 34.69 -3.09 0.00 N | 28.74 -2.76 0.00 N | 0.16 0.16 0.00 N | -221.18 22.49 0.00 N | -189.57 18.17 0.00 N | -227.07 15.82 0.00 N | 30.11 -1.76 0.00 N | 30.71 -1.87 0.00 N | 28.23 -1.66 0.00 N | 40.55 -1.98 0.00 N | 51.29 -1.39 0.00 N | 46.08 -0.69 0.00 N | 54.03 -0.18 0.00 N | 59.21 -1.39 0.00 N | 56.77 -1.25 0.00 N | 68.24 -2.41 0.00 N | 68.54 -1.87 0.00 N | 64.32 -2.47 0.00 N | 63.34 -2.76 0.00 N | 67.02 -3.33 0.00 N | 71.67 -2.71 0.00 N | 58.08 -3.64 0.00 N | 55.63 -3.38 0.00 N |
| DUNKIRK___4 23566 | 43.26 -3.75 0.00 N | 34.69 -3.09 0.00 N | 28.74 -2.76 0.00 N | 0.16 0.16 0.00 N | -221.18 22.49 0.00 N | -189.57 18.17 0.00 N | -227.07 15.82 0.00 N | 30.11 -1.76 0.00 N | 30.71 -1.87 0.00 N | 28.23 -1.66 0.00 N | 40.55 -1.98 0.00 N | 51.29 -1.39 0.00 N | 46.08 -0.69 0.00 N | 54.03 -0.18 0.00 N | 59.21 -1.39 0.00 N | 56.77 -1.25 0.00 N | 68.24 -2.41 0.00 N | 68.54 -1.87 0.00 N | 64.32 -2.47 0.00 N | 63.34 -2.76 0.00 N | 67.02 -3.33 0.00 N | 71.67 -2.71 0.00 N | 58.08 -3.64 0.00 N | 55.63 -3.38 0.00 N |
| EAST HAMPTON___GT 23717 | 99.73 4.96 -47.76 N | 100.05 4.12 -58.14 N | 56.64 3.32 -21.83 N | 6.27 0.06 -6.21 N | -279.45 -23.02 12.75 N | -232.50 -18.16 6.60 N | -269.37 -22.82 3.66 N | 55.47 3.59 -20.01 N | 106.02 3.37 -70.08 N | 94.17 3.31 -60.96 N | 75.27 5.55 -27.19 N | 86.44 7.61 -26.15 N | 86.27 6.14 -33.35 N | 105.80 6.82 -44.77 N | 181.45 5.93 -114.92 N | 260.36 4.77 -197.56 N | 107.77 6.99 -30.13 N | 89.71 7.76 -11.54 N | 104.21 9.41 -28.01 N | 83.82 9.67 -8.05 N | 107.06 10.04 -26.68 N | 92.23 9.78 -8.07 N | 82.07 7.90 -12.45 N | 87.09 6.85 -21.22 N |
| EAST RIVER___6 23660 | 50.26 3.25 0.00 N | 40.42 2.59 -0.04 N | 33.61 1.86 -0.25 N | 0.11 -0.01 -0.12 N | -256.08 -12.40 0.00 N | -217.17 -9.42 0.00 N | -254.17 -11.27 0.00 N | 33.87 1.96 -0.06 N | 34.70 2.12 0.00 N | 32.34 2.44 0.00 N | 46.26 3.72 0.00 N | 57.71 5.03 0.00 N | 50.89 4.12 0.00 N | 59.10 4.90 0.00 N | 66.39 5.79 0.00 N | 63.58 5.55 0.00 N | 77.33 6.68 0.00 N | 77.16 6.75 0.00 N | 73.48 6.69 0.00 N | 72.77 6.67 0.00 N | 77.28 6.93 0.00 N | 81.29 6.92 0.00 N | 67.66 5.94 0.00 N | 63.88 4.87 0.00 N |
| EAST RIVER___7 23524 | 50.26 3.25 0.00 N | 40.42 2.59 -0.04 N | 33.61 1.86 -0.25 N | 0.11 -0.01 -0.12 N | -256.08 -12.40 0.00 N | -217.17 -9.42 0.00 N | -254.17 -11.27 0.00 N | 33.87 1.96 -0.06 N | 34.70 2.12 0.00 N | 32.34 2.44 0.00 N | 46.26 3.72 0.00 N | 57.71 5.03 0.00 N | 50.89 4.12 0.00 N | 59.10 4.90 0.00 N | 66.39 5.79 0.00 N | 63.58 5.55 0.00 N | 77.33 6.68 0.00 N | 77.16 6.75 0.00 N | 73.48 6.69 0.00 N | 72.77 6.67 0.00 N | 77.28 6.93 0.00 N | 81.29 6.92 0.00 N | 67.66 5.94 0.00 N | 63.88 4.87 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 99.73 4.96 -47.76 N | 100.05 4.12 -58.14 N | 56.64 3.32 -21.83 N | 6.27 0.06 -6.21 N | -279.45 -23.02 12.75 N | -232.50 -18.16 6.60 N | -269.37 -22.82 3.66 N | 55.47 3.59 -20.01 N | 106.02 3.37 -70.08 N | 94.17 3.31 -60.96 N | 75.27 5.55 -27.19 N | 86.44 7.61 -26.15 N | 86.27 6.14 -33.35 N | 105.80 6.82 -44.77 N | 181.45 5.93 -114.92 N | 260.36 4.77 -197.56 N | 107.77 6.99 -30.13 N | 89.71 7.76 -11.54 N | 104.21 9.41 -28.01 N | 83.82 9.67 -8.05 N | 107.06 10.04 -26.68 N | 92.23 9.78 -8.07 N | 82.07 7.90 -12.45 N | 87.09 6.85 -21.22 N |
| EAST_RIVER___1 323558 | 50.31 3.30 0.00 N | 40.45 2.62 -0.04 N | 33.63 1.89 -0.25 N | 0.11 -0.01 -0.12 N | -256.22 -12.55 0.00 N | -217.35 -9.61 0.00 N | -254.51 -11.62 0.00 N | 33.93 2.01 -0.06 N | 34.75 2.17 0.00 N | 32.37 2.48 0.00 N | 46.33 3.80 0.00 N | 57.79 5.12 0.00 N | 50.95 4.17 0.00 N | 59.14 4.94 0.00 N | 66.44 5.84 0.00 N | 63.68 5.65 0.00 N | 77.44 6.79 0.00 N | 77.24 6.82 0.00 N | 73.50 6.71 0.00 N | 72.81 6.72 0.00 N | 77.30 6.96 0.00 N | 81.33 6.95 0.00 N | 67.67 5.95 0.00 N | 63.89 4.88 0.00 N |
| EAST_RIVER___2 323559 | 50.26 3.25 0.00 N | 40.42 2.59 -0.04 N | 33.61 1.86 -0.25 N | 0.11 -0.01 -0.12 N | -256.08 -12.40 0.00 N | -217.17 -9.42 0.00 N | -254.17 -11.27 0.00 N | 33.87 1.96 -0.06 N | 34.70 2.12 0.00 N | 32.34 2.44 0.00 N | 46.26 3.72 0.00 N | 57.71 5.03 0.00 N | 50.89 4.12 0.00 N | 59.10 4.90 0.00 N | 66.39 5.79 0.00 N | 63.58 5.55 0.00 N | 77.33 6.68 0.00 N | 77.16 6.75 0.00 N | 73.48 6.69 0.00 N | 72.77 6.67 0.00 N | 77.28 6.93 0.00 N | 81.29 6.92 0.00 N | 67.66 5.94 0.00 N | 63.88 4.87 0.00 N |
| ELEC_TRO_TEK 24086 | 121.97 3.81 -71.15 N | 125.07 3.05 -84.24 N | 65.85 2.32 -32.03 N | 11.49 0.00 -11.49 N | -249.58 -16.23 -10.32 N | -214.84 -12.43 -5.34 N | -246.44 -15.40 -11.85 N | 61.36 2.49 -27.00 N | 144.56 2.55 -109.43 N | 138.87 2.61 -106.37 N | 85.36 4.26 -38.57 N | 97.40 5.73 -38.99 N | 109.51 4.55 -58.19 N | 137.64 5.31 -78.12 N | 272.66 6.19 -205.87 N | 427.01 5.74 -363.25 N | 132.84 7.40 -54.79 N | 99.91 7.39 -22.10 N | 123.19 7.36 -49.04 N | 86.89 7.51 -13.27 N | 124.54 7.67 -46.52 N | 99.17 7.51 -17.28 N | 101.34 6.29 -33.33 N | 137.03 5.40 -72.62 N |
| E_CANADA_CAP_HY 24051 | 47.67 0.66 0.00 N | 37.99 0.21 0.00 N | 31.62 0.12 0.00 N | -0.05 -0.05 0.00 N | -245.27 -1.60 0.00 N | -208.77 -1.03 0.00 N | -244.25 -1.36 0.00 N | 32.07 0.21 0.00 N | 33.16 0.58 0.00 N | 30.62 0.72 0.00 N | 43.79 1.26 0.00 N | 54.56 1.88 0.00 N | 48.79 2.02 0.00 N | 57.03 2.82 0.00 N | 63.24 2.64 0.00 N | 60.31 2.28 0.00 N | 73.45 2.80 0.00 N | 73.26 2.84 0.00 N | 69.42 2.63 0.00 N | 68.38 2.29 0.00 N | 72.63 2.29 0.00 N | 77.51 3.12 0.00 N | 63.25 1.53 0.00 N | 60.26 1.25 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 | N |
|----------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|---|---|
| E_CANADA_MHWK_HY 24050 | 49.84 2.83 0.00 N | 40.25 2.46 0.00 N | 33.45 1.96 0.00 N | 0.07 0.07 0.00 N | -256.39 -12.71 0.00 N | -218.49 -10.75 0.00 N | -256.90 -14.00 0.00 N | 34.20 2.34 0.00 N | 34.98 2.40 0.00 N | 32.34 2.45 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.80 4.03 0.00 N | 58.26 4.05 0.00 N | 65.35 4.75 0.00 N | 62.94 4.91 0.00 N | 76.70 6.06 0.00 N | 76.49 6.08 0.00 N | 72.55 5.76 0.00 N | 72.20 6.10 0.00 N | 77.13 6.78 0.00 N | 80.64 6.26 0.00 N | 66.96 5.25 0.00 N | 63.45 4.43 0.00 N | | |
| E_FISHKILL__LBMP 23776 | 49.59 2.58 0.00 N | 39.87 2.08 0.00 N | 33.00 1.50 0.00 N | -0.03 -0.03 0.00 N | -253.66 -9.99 0.00 N | -215.34 -7.60 0.00 N | -252.15 -9.26 0.00 N | 33.53 1.67 0.00 N | 34.35 1.77 0.00 N | 31.90 2.00 0.00 N | 45.61 3.08 0.00 N | 56.80 4.12 0.00 N | 50.12 3.35 0.00 N | 58.13 3.93 0.00 N | 65.32 4.72 0.00 N | 62.63 4.60 0.00 N | 76.28 5.63 0.00 N | 76.02 5.61 0.00 N | 72.34 5.55 0.00 N | 71.71 5.61 0.00 N | 76.16 5.81 0.00 N | 80.05 5.67 0.00 N | 66.59 4.86 0.00 N | 62.92 3.91 0.00 N | | |
| FAR ROCKAWAY___4 23548 | 124.61 4.65 -72.94 N | 130.42 3.67 -88.96 N | 142.14 2.82 -107.83 N | 54.03 0.02 -54.01 N | -67.43 -19.88 -196.13 N | -121.62 -15.34 -101.46 N | -128.40 -18.55 -133.05 N | 102.40 2.88 -67.66 N | 163.12 2.95 -127.59 N | 140.91 2.97 -108.05 N | 86.08 4.56 -38.99 N | 98.48 6.32 -39.49 N | 110.99 5.10 -59.11 N | 139.62 6.06 -79.36 N | 321.30 7.07 -253.63 N | 568.98 6.72 -504.24 N | 149.94 8.61 -70.68 N | 115.23 8.57 -36.25 N | 125.96 8.46 -50.71 N | 90.32 8.58 -15.65 N | 128.53 8.72 -49.46 N | 118.81 8.66 -35.77 N | 169.26 7.72 -99.81 N | 349.95 6.61 -284.33 N | | |
| FARRAGUT__LBMP 323566 | 50.23 3.21 0.00 N | 40.38 2.55 -0.04 N | 33.58 1.83 -0.25 N | 0.10 -0.03 -0.12 N | -255.83 -12.16 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.06 N | 34.71 2.13 0.00 N | 32.32 2.42 0.00 N | 46.24 3.71 0.00 N | 57.67 4.99 0.00 N | 50.86 4.09 0.00 N | 59.05 4.84 0.00 N | 66.32 5.72 0.00 N | 63.54 5.51 0.00 N | 77.27 6.62 0.00 N | 77.09 6.67 0.00 N | 73.37 6.58 0.00 N | 72.68 6.58 0.00 N | 77.17 6.82 0.00 N | 81.18 6.80 0.00 N | 67.57 5.85 0.00 N | 63.79 4.78 0.00 N | | |
| FENNER__WINDPWR 24204 | 47.24 0.23 0.00 N | 37.84 0.06 -0.04 N | 31.46 -0.04 0.00 N | 0.00 0.01 0.00 N | -243.81 -0.14 0.00 N | -207.81 -0.06 0.00 N | -243.06 -0.16 0.00 N | 31.99 0.12 0.00 N | 32.83 0.25 0.00 N | 30.33 0.43 0.00 N | 43.21 0.68 0.00 N | 53.84 1.16 0.00 N | 48.02 1.25 0.00 N | 55.70 1.50 0.00 N | 62.12 1.52 0.00 N | 59.56 1.53 0.00 N | 72.38 1.74 0.00 N | 72.25 1.84 0.00 N | 68.41 1.62 0.00 N | 67.60 1.51 0.00 N | 71.93 1.58 0.00 N | 76.19 1.81 0.00 N | 62.82 1.10 0.00 N | 59.87 0.86 0.00 N | | |
| FIBERTEK__ENERGY 23856 | 46.59 -0.43 0.00 N | 37.34 -0.45 0.00 N | 31.04 -0.46 0.00 N | 0.00 0.00 0.00 N | -239.96 3.71 0.00 N | -204.54 3.20 0.00 N | -239.92 2.97 0.00 N | 31.47 -0.40 0.00 N | 32.15 -0.43 0.00 N | 29.55 -0.34 0.00 N | 42.11 -0.42 0.00 N | 52.41 -0.26 0.00 N | 46.78 0.01 0.00 N | 54.28 0.07 0.00 N | 60.48 -0.12 0.00 N | 57.98 -0.05 0.00 N | 70.41 -0.23 0.00 N | 70.25 -0.17 0.00 N | 66.50 -0.28 0.00 N | 65.70 -0.39 0.00 N | 69.87 -0.48 0.00 N | 74.07 -0.31 0.00 N | 61.22 -0.50 0.00 N | 58.63 -0.38 0.00 N | | |
| FITZPATRICK____ 23598 | 45.80 -1.21 0.00 N | 36.77 -1.02 0.00 N | 30.59 -0.91 0.00 N | 0.00 0.00 0.00 N | -236.53 7.14 0.00 N | -201.70 6.04 0.00 N | -236.41 6.48 0.00 N | 31.03 -0.84 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.41 -1.13 0.00 N | 51.42 -1.26 0.00 N | 45.83 -0.95 0.00 N | 53.10 -1.11 0.00 N | 59.18 -1.42 0.00 N | 56.69 -1.33 0.00 N | 68.88 -1.77 0.00 N | 68.70 -1.72 0.00 N | 65.09 -1.70 0.00 N | 64.35 -1.75 0.00 N | 68.42 -1.93 0.00 N | 72.48 -1.90 0.00 N | 60.06 -1.66 0.00 N | 57.66 -1.35 0.00 N | | |
| FORT ORANGE____ 23900 | 48.63 1.62 0.00 N | 39.23 1.45 0.00 N | 32.61 1.11 0.00 N | -0.04 -0.04 0.00 N | -251.12 -7.45 0.00 N | -213.64 -5.89 0.00 N | -250.03 -7.14 0.00 N | 33.17 1.31 0.00 N | 33.85 1.27 0.00 N | 30.99 1.10 0.00 N | 43.93 1.39 0.00 N | 54.43 1.75 0.00 N | 48.09 1.31 0.00 N | 55.45 1.24 0.00 N | 62.41 1.81 0.00 N | 59.93 1.90 0.00 N | 73.19 2.54 0.00 N | 72.81 2.39 0.00 N | 69.19 2.40 0.00 N | 68.66 2.56 0.00 N | 73.07 2.72 0.00 N | 76.66 2.28 0.00 N | 63.76 2.04 0.00 N | 60.51 1.50 0.00 N | | |
| FORT_DRUM_COGEN 23780 | 46.02 -0.99 0.00 N | 36.84 -0.94 0.00 N | 30.58 -0.92 0.00 N | 0.02 0.02 0.00 N | -236.15 7.52 0.00 N | -200.94 6.80 0.00 N | -235.38 7.51 0.00 N | 30.94 -0.92 0.00 N | 31.70 -0.88 0.00 N | 29.18 -0.71 0.00 N | 41.45 -1.09 0.00 N | 51.46 -1.22 0.00 N | 46.04 -0.73 0.00 N | 53.28 -0.92 0.00 N | 59.43 -1.17 0.00 N | 56.93 -1.10 0.00 N | 69.36 -1.29 0.00 N | 69.19 -1.23 0.00 N | 65.56 -1.23 0.00 N | 64.83 -1.26 0.00 N | 69.07 -1.28 0.00 N | 73.37 -1.00 0.00 N | 60.71 -1.01 0.00 N | 57.86 -1.15 0.00 N | | |
| FPL_FAR_ROCK_GT1 24212 | 124.61 4.65 -72.94 N | 130.42 3.67 -88.96 N | 142.14 2.82 -107.83 N | 54.03 0.02 -54.01 N | -67.43 -19.88 -196.13 N | -121.62 -15.34 -101.46 N | -128.40 -18.55 -133.05 N | 102.40 2.88 -67.66 N | 163.12 2.95 -127.59 N | 140.91 2.97 -108.05 N | 86.08 4.56 -38.99 N | 98.48 6.32 -39.49 N | 110.99 5.10 -59.11 N | 139.62 6.06 -79.36 N | 321.30 7.07 -253.63 N | 568.98 6.72 -504.24 N | 149.94 8.61 -70.68 N | 115.23 8.57 -36.25 N | 125.96 8.46 -50.71 N | 90.32 8.58 -15.65 N | 128.53 8.72 -49.46 N | 118.81 8.66 -35.77 N | 169.26 7.72 -99.81 N | 349.95 6.61 -284.33 N | | |
| FPL_FAR_ROCK_GT2 23815 | 124.61 4.65 -72.94 N | 130.42 3.67 -88.96 N | 142.14 2.82 -107.83 N | 54.03 0.02 -54.01 N | -67.43 -19.88 -196.13 N | -121.62 -15.34 -101.46 N | -128.40 -18.55 -133.05 N | 102.40 2.88 -67.66 N | 163.12 2.95 -127.59 N | 140.91 2.97 -108.05 N | 86.08 4.56 -38.99 N | 98.48 6.32 -39.49 N | 110.99 5.10 -59.11 N | 139.62 6.06 -79.36 N | 321.30 7.07 -253.63 N | 568.98 6.72 -504.24 N | 149.94 8.61 -70.68 N | 115.23 8.57 -36.25 N | 125.96 8.46 -50.71 N | 90.32 8.58 -15.65 N | 128.53 8.72 -49.46 N | 118.81 8.66 -35.77 N | 169.26 7.72 -99.81 N | 349.95 6.61 -284.33 N | | |
| FRANKLIN_FALL_HYD 24054 | 46.36 -0.65 0.00 N | 37.30 -0.49 0.00 N | 31.21 -0.29 0.00 N | 0.00 0.00 0.00 N | -242.59 1.08 0.00 N | -207.00 0.74 0.00 N | -240.76 2.14 0.00 N | 31.27 -0.59 0.00 N | 31.88 -0.70 0.00 N | 29.07 -0.82 0.00 N | 41.00 -1.54 0.00 N | 50.36 -2.32 0.00 N | 44.67 -2.11 0.00 N | 52.09 -2.12 0.00 N | 58.16 -2.44 0.00 N | 55.51 -2.52 0.00 N | 67.84 -2.80 0.00 N | 67.56 -2.85 0.00 N | 64.14 -2.65 0.00 N | 63.40 -2.70 0.00 N | 67.62 -2.72 0.00 N | 71.78 -2.60 0.00 N | 59.91 -1.81 0.00 N | 57.53 -1.48 0.00 N | | |
| FREEPORT_EQUS_GT1 23764 | 108.93 4.24 -57.68 N | 110.92 3.39 -69.75 N | 75.20 2.61 -41.09 N | 16.84 0.00 -16.84 N | -228.39 -18.41 -33.70 N | -204.55 -14.23 -17.43 N | -233.75 -17.68 -26.82 N | 65.65 2.82 -30.96 N | 125.22 2.85 -89.79 N | 112.61 2.84 -79.88 N | 78.79 4.33 -31.92 N | 90.08 5.90 -31.50 N | 95.13 4.66 -43.70 N | 118.27 5.39 -58.67 N | 213.14 6.22 -146.32 N | 310.67 5.68 -246.96 N | 117.92 7.49 -39.78 N | 96.63 7.53 -18.68 N | 111.24 7.49 -36.95 N | 84.44 7.68 -10.66 N | 113.60 7.87 -35.39 N | 97.59 7.68 -15.52 N | 102.58 6.63 -34.23 N | 149.37 5.93 -84.43 N | | |
| FULTON COGEN____ | 46.42 | 37.24 | 30.96 | 0.02 | -239.01 | -203.74 | -239.18 | 31.43 | 32.13 | 29.54 | 42.11 | 52.39 | 46.77 | 54.20 | 60.40 | 57.89 | 70.32 | 70.15 | 66.44 | 65.67 | 69.80 | 73.99 | 61.21 | 58.66 | | |

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| 23766 | -0.59 0.00 N | -0.55 0.00 N | -0.54 0.00 N | 0.02 0.00 N | 4.67 0.00 N | 4.01 0.00 N | 3.72 0.00 N | -0.43 0.00 N | -0.45 0.00 N | -0.36 0.00 N | -0.42 0.00 N | -0.28 0.00 N | 0.00 0.00 N | -0.01 0.00 N | -0.20 0.00 N | -0.14 0.00 N | -0.32 0.00 N | -0.27 0.00 N | -0.35 0.00 N | -0.43 0.00 N | -0.55 0.00 N | -0.39 0.00 N | -0.51 0.00 N | -0.35 0.00 N |
| Freeport___CT2 23818 | 108.93 4.24 -57.68 N | 110.92 3.39 -69.75 N | 75.20 2.61 -41.09 N | 16.84 0.00 -16.84 N | -228.39 -18.41 -33.70 N | -204.55 -14.23 -17.43 N | -233.75 -17.68 -26.82 N | 65.65 2.82 -30.96 N | 125.22 2.85 -89.79 N | 112.61 2.84 -79.88 N | 78.79 4.33 -31.92 N | 90.08 5.90 -31.50 N | 95.13 4.66 -43.70 N | 118.27 5.39 -58.67 N | 213.14 6.22 -146.32 N | 310.67 5.68 -246.96 N | 117.92 7.49 -39.78 N | 96.63 7.53 -18.68 N | 111.24 7.49 -36.95 N | 84.44 7.68 -10.66 N | 113.60 7.87 -35.39 N | 97.59 7.68 -15.52 N | 102.58 6.63 -34.23 N | 149.37 5.93 -84.43 N |
| G.F.CEMENT___DRP 24184 | 49.14 2.13 0.00 N | 39.68 1.90 0.00 N | 32.96 1.46 0.00 N | -0.05 -0.04 0.00 N | -253.03 -9.36 0.00 N | -215.42 -7.67 0.00 N | -252.25 -9.36 0.00 N | 33.71 1.84 0.00 N | 34.42 1.84 0.00 N | 31.80 1.90 0.00 N | 45.41 2.87 0.00 N | 56.26 3.58 0.00 N | 49.43 2.66 0.00 N | 56.58 2.37 0.00 N | 63.44 2.84 0.00 N | 61.01 2.98 0.00 N | 74.86 4.21 0.00 N | 74.26 3.84 0.00 N | 70.50 3.71 0.00 N | 70.19 4.09 0.00 N | 74.81 4.47 0.00 N | 78.10 3.73 0.00 N | 64.97 3.24 0.00 N | 61.21 2.20 0.00 N |
| GARDENVILLE___LBMP 24039 | 45.13 -1.89 0.00 N | 36.11 -1.68 0.00 N | 29.87 -1.63 0.00 N | 0.08 0.08 0.00 N | -230.71 12.96 0.00 N | -197.35 10.40 0.00 N | -235.23 7.66 0.00 N | 31.07 -0.80 0.00 N | 31.80 -0.78 0.00 N | 29.10 -0.79 0.00 N | 41.80 -0.73 0.00 N | 52.75 0.07 0.00 N | 47.44 0.66 0.00 N | 55.49 1.29 0.00 N | 60.73 0.13 0.00 N | 58.12 0.10 0.00 N | 70.00 -0.65 0.00 N | 70.17 -0.24 0.00 N | 65.91 -0.88 0.00 N | 64.86 -1.24 0.00 N | 68.54 -1.81 0.00 N | 73.72 -0.65 0.00 N | 59.92 -1.80 0.00 N | 57.43 -1.58 0.00 N |
| GENERAL___MILLS 23808 | 45.32 -1.70 0.00 N | 36.26 -1.53 0.00 N | 29.99 -1.51 0.00 N | 0.07 0.07 0.00 N | -231.64 12.03 0.00 N | -198.18 9.56 0.00 N | -236.11 6.78 0.00 N | 31.17 -0.69 0.00 N | 31.91 -0.67 0.00 N | 29.20 -0.69 0.00 N | 41.94 -0.59 0.00 N | 52.91 0.23 0.00 N | 47.59 0.82 0.00 N | 55.66 1.45 0.00 N | 60.90 0.30 0.00 N | 58.29 0.26 0.00 N | 70.20 -0.44 0.00 N | 70.37 -0.05 0.00 N | 66.12 -0.67 0.00 N | 65.05 -1.04 0.00 N | 68.76 -1.59 0.00 N | 73.97 -0.41 0.00 N | 60.15 -1.57 0.00 N | 57.63 -1.38 0.00 N |
| GE_PLASTICS___DRP 24183 | 47.83 0.82 0.00 N | 38.56 0.78 0.00 N | 32.09 0.58 0.00 N | -0.04 -0.04 0.00 N | -247.15 -3.48 0.00 N | -210.29 -2.55 0.00 N | -246.02 -3.13 0.00 N | 32.54 0.67 0.00 N | 33.24 0.65 0.00 N | 30.58 0.69 0.00 N | 43.53 0.99 0.00 N | 53.98 1.30 0.00 N | 47.71 0.93 0.00 N | 55.06 0.85 0.00 N | 61.92 1.32 0.00 N | 59.39 1.36 0.00 N | 72.48 1.83 0.00 N | 72.14 1.73 0.00 N | 68.52 1.73 0.00 N | 68.01 1.91 0.00 N | 72.43 2.08 0.00 N | 76.08 1.70 0.00 N | 63.28 1.56 0.00 N | 59.99 0.98 0.00 N |
| GILBOA___1 23756 | 48.31 1.30 0.00 N | 38.98 1.19 0.00 N | 32.46 0.97 0.00 N | 0.00 0.00 0.00 N | -250.13 -6.46 0.00 N | -212.90 -5.15 0.00 N | -249.31 -6.42 0.00 N | 32.81 0.95 0.00 N | 33.55 0.97 0.00 N | 30.88 0.98 0.00 N | 44.03 1.50 0.00 N | 54.71 2.03 0.00 N | 48.39 1.62 0.00 N | 55.89 1.69 0.00 N | 62.70 2.10 0.00 N | 59.98 1.95 0.00 N | 73.05 2.41 0.00 N | 72.78 2.37 0.00 N | 69.14 2.35 0.00 N | 68.72 2.62 0.00 N | 73.27 2.92 0.00 N | 77.12 2.74 0.00 N | 64.05 2.32 0.00 N | 60.83 1.82 0.00 N |
| GILBOA___2 23757 | 48.31 1.30 0.00 N | 38.98 1.19 0.00 N | 32.46 0.97 0.00 N | 0.00 0.00 0.00 N | -250.13 -6.46 0.00 N | -212.90 -5.15 0.00 N | -249.31 -6.42 0.00 N | 32.81 0.95 0.00 N | 33.55 0.97 0.00 N | 30.88 0.98 0.00 N | 44.03 1.50 0.00 N | 54.71 2.03 0.00 N | 48.39 1.62 0.00 N | 55.89 1.69 0.00 N | 62.70 2.10 0.00 N | 59.98 1.95 0.00 N | 73.05 2.41 0.00 N | 72.78 2.37 0.00 N | 69.14 2.35 0.00 N | 68.72 2.62 0.00 N | 73.27 2.92 0.00 N | 77.12 2.74 0.00 N | 64.05 2.32 0.00 N | 60.83 1.82 0.00 N |
| GILBOA___3 23758 | 48.31 1.30 0.00 N | 38.98 1.19 0.00 N | 32.46 0.97 0.00 N | 0.00 0.00 0.00 N | -250.13 -6.46 0.00 N | -212.90 -5.15 0.00 N | -249.31 -6.42 0.00 N | 32.81 0.95 0.00 N | 33.55 0.97 0.00 N | 30.88 0.98 0.00 N | 44.03 1.50 0.00 N | 54.71 2.03 0.00 N | 48.39 1.62 0.00 N | 55.89 1.69 0.00 N | 62.70 2.10 0.00 N | 59.98 1.95 0.00 N | 73.05 2.41 0.00 N | 72.78 2.37 0.00 N | 69.14 2.35 0.00 N | 68.72 2.62 0.00 N | 73.27 2.92 0.00 N | 77.12 2.74 0.00 N | 64.05 2.32 0.00 N | 60.83 1.82 0.00 N |
| GILBOA___4 23759 | 48.31 1.30 0.00 N | 38.98 1.19 0.00 N | 32.46 0.97 0.00 N | 0.00 0.00 0.00 N | -250.13 -6.46 0.00 N | -212.90 -5.15 0.00 N | -249.31 -6.42 0.00 N | 32.81 0.95 0.00 N | 33.55 0.97 0.00 N | 30.88 0.98 0.00 N | 44.03 1.50 0.00 N | 54.71 2.03 0.00 N | 48.39 1.62 0.00 N | 55.89 1.69 0.00 N | 62.70 2.10 0.00 N | 59.98 1.95 0.00 N | 73.05 2.41 0.00 N | 72.78 2.37 0.00 N | 69.14 2.35 0.00 N | 68.72 2.62 0.00 N | 73.27 2.92 0.00 N | 77.12 2.74 0.00 N | 64.05 2.32 0.00 N | 60.83 1.82 0.00 N |
| GILBOA___ 23599 | 48.31 1.30 0.00 N | 38.98 1.19 0.00 N | 32.46 0.97 0.00 N | 0.00 0.00 0.00 N | -250.13 -6.46 0.00 N | -212.90 -5.15 0.00 N | -249.31 -6.42 0.00 N | 32.81 0.95 0.00 N | 33.55 0.97 0.00 N | 30.88 0.98 0.00 N | 44.03 1.50 0.00 N | 54.71 2.03 0.00 N | 48.39 1.62 0.00 N | 55.89 1.69 0.00 N | 62.70 2.10 0.00 N | 59.98 1.95 0.00 N | 73.05 2.41 0.00 N | 72.78 2.37 0.00 N | 69.14 2.35 0.00 N | 68.72 2.62 0.00 N | 73.27 2.92 0.00 N | 77.12 2.74 0.00 N | 64.05 2.32 0.00 N | 60.83 1.82 0.00 N |
| GINNA___ 23603 | 44.74 -2.26 0.00 N | 35.76 -2.03 0.00 N | 29.64 -1.86 0.00 N | 0.02 0.01 0.00 N | -229.35 14.32 0.00 N | -195.65 12.09 0.00 N | -230.84 12.05 0.00 N | 30.45 -1.41 0.00 N | 31.37 -1.21 0.00 N | 28.98 -0.91 0.00 N | 41.56 -0.97 0.00 N | 51.96 -0.72 0.00 N | 46.58 -0.19 0.00 N | 54.17 -0.03 0.00 N | 59.94 -0.66 0.00 N | 57.41 -0.61 0.00 N | 69.53 -1.12 0.00 N | 69.48 -0.93 0.00 N | 65.46 -1.33 0.00 N | 64.41 -1.69 0.00 N | 68.28 -2.06 0.00 N | 72.96 -1.41 0.00 N | 59.75 -1.97 0.00 N | 56.92 -2.09 0.00 N |
| GLEN PARK___ 23778 | 46.32 -0.69 0.00 N | 37.08 -0.71 0.00 N | 30.76 -0.74 0.00 N | 0.02 0.02 0.00 N | -237.29 6.38 0.00 N | -201.88 5.86 0.00 N | -236.72 6.17 0.00 N | 31.15 -0.71 0.00 N | 31.94 -0.64 0.00 N | 29.43 -0.46 0.00 N | 41.84 -0.70 0.00 N | 52.01 -0.67 0.00 N | 46.62 -0.15 0.00 N | 53.89 -0.31 0.00 N | 60.07 -0.53 0.00 N | 57.57 -0.45 0.00 N | 70.11 -0.54 0.00 N | 69.94 -0.47 0.00 N | 66.28 -0.51 0.00 N | 65.53 -0.57 0.00 N | 69.77 -0.58 0.00 N | 74.10 -0.28 0.00 N | 61.27 -0.45 0.00 N | 58.33 -0.68 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 117.88 3.77 -67.09 N | 120.67 3.00 -79.88 N | 68.73 2.25 -34.99 N | 13.24 0.01 -13.23 N | -241.28 -15.52 -17.91 N | -210.35 -11.87 -9.27 N | -240.86 -14.68 -16.72 N | 62.61 2.43 -28.32 N | 138.65 2.51 -103.56 N | 130.86 2.59 -98.38 N | 82.97 3.87 -36.57 N | 94.61 5.21 -36.73 N | 104.70 4.11 -53.82 N | 131.29 4.83 -72.25 N | 256.85 5.73 -190.52 N | 399.72 5.56 -336.13 N | 128.60 6.98 -50.98 N | 98.38 6.85 -21.11 N | 118.83 6.65 -45.40 N | 85.53 6.95 -12.49 N | 120.56 7.05 -43.17 N | 98.13 6.94 -16.80 N | 101.62 6.10 -33.79 N | 140.94 5.14 -76.79 N |

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| GLENWOOD_IC_2_G1 23688 | 69.36 3.41 -18.93 N | 67.08 2.72 -26.58 N | 59.53 2.01 -26.03 N | 9.13 0.00 -9.13 N | -257.40 -13.73 0.00 N | -218.17 -10.42 0.00 N | -251.65 -12.83 -4.07 N | 54.39 2.16 -20.36 N | 59.82 2.28 -24.96 N | 36.96 2.44 -4.62 N | 59.42 3.83 -13.06 N | 68.05 5.16 -10.22 N | 53.46 4.16 -2.53 N | 62.49 4.89 -3.40 N | 76.77 5.83 -10.35 N | 81.44 5.59 -17.83 N | 81.37 6.82 -3.90 N | 78.74 6.82 -1.51 N | 75.66 6.74 -2.13 N | 75.01 6.86 -2.05 N | 79.97 7.06 -2.56 N | 82.05 6.97 -0.71 N | 68.85 5.88 -1.25 N | 68.32 4.92 -4.39 N |
| GLENWOOD_IC_3_G1 23689 | 69.36 3.41 -18.93 N | 67.08 2.72 -26.58 N | 59.53 2.01 -26.03 N | 9.13 0.00 -9.13 N | -257.40 -13.73 0.00 N | -218.17 -10.42 0.00 N | -251.65 -12.83 -4.07 N | 54.39 2.16 -20.36 N | 59.82 2.28 -24.96 N | 36.96 2.44 -4.62 N | 59.42 3.83 -13.06 N | 68.05 5.16 -10.22 N | 53.46 4.16 -2.53 N | 62.49 4.89 -3.40 N | 76.77 5.83 -10.35 N | 81.44 5.59 -17.83 N | 81.37 6.82 -3.90 N | 78.74 6.82 -1.51 N | 75.66 6.74 -2.13 N | 75.01 6.86 -2.05 N | 79.97 7.06 -2.56 N | 82.05 6.97 -0.71 N | 68.85 5.88 -1.25 N | 68.32 4.92 -4.39 N |
| GLENWOOD___4 23550 | 117.88 3.78 -67.09 N | 120.67 3.00 -79.88 N | 68.74 2.25 -34.99 N | 13.24 0.01 -13.23 N | -241.28 -15.52 -17.91 N | -210.35 -11.87 -9.27 N | -240.86 -14.68 -16.72 N | 62.61 2.43 -28.32 N | 138.65 2.52 -103.56 N | 130.86 2.59 -98.38 N | 83.05 3.96 -36.57 N | 94.71 5.30 -36.73 N | 104.79 4.20 -53.82 N | 131.35 4.89 -72.25 N | 256.89 5.77 -190.52 N | 399.74 5.58 -336.13 N | 128.64 7.01 -50.98 N | 98.46 6.94 -21.11 N | 118.95 6.77 -45.40 N | 85.62 7.03 -12.49 N | 120.70 7.18 -43.17 N | 98.24 7.06 -16.80 N | 101.60 6.08 -33.79 N | 140.94 5.14 -76.79 N |
| GLENWOOD___5 23614 | 117.88 3.78 -67.09 N | 120.67 3.00 -79.88 N | 68.74 2.25 -34.99 N | 13.24 0.01 -13.23 N | -241.28 -15.52 -17.91 N | -210.35 -11.87 -9.27 N | -240.86 -14.68 -16.72 N | 62.61 2.43 -28.32 N | 138.65 2.52 -103.56 N | 130.86 2.59 -98.38 N | 83.05 3.96 -36.57 N | 94.71 5.30 -36.73 N | 104.79 4.20 -53.82 N | 131.35 4.89 -72.25 N | 256.89 5.77 -190.52 N | 399.74 5.58 -336.13 N | 128.64 7.01 -50.98 N | 98.46 6.94 -21.11 N | 118.95 6.77 -45.40 N | 85.62 7.03 -12.49 N | 120.70 7.18 -43.17 N | 98.24 7.06 -16.80 N | 101.60 6.08 -33.79 N | 140.94 5.14 -76.79 N |
| GLOBAL GREEN_PORT_GT1 23814 | 99.70 4.93 -47.76 N | 100.02 4.09 -58.14 N | 56.62 3.29 -21.83 N | 6.27 0.06 -6.21 N | -279.22 -22.80 12.75 N | -232.33 -17.99 6.60 N | -269.15 -22.60 3.66 N | 55.44 3.56 -20.01 N | 106.00 3.35 -70.08 N | 94.17 3.31 -60.96 N | 75.26 5.54 -27.19 N | 86.45 7.62 -26.15 N | 86.29 6.17 -33.35 N | 105.81 6.83 -44.77 N | 180.98 5.46 -114.92 N | 259.91 4.32 -197.56 N | 107.23 6.45 -30.13 N | 89.25 7.29 -11.54 N | 104.22 9.41 -28.01 N | 83.83 9.68 -8.05 N | 107.08 10.06 -26.68 N | 92.25 9.80 -8.07 N | 82.07 7.90 -12.45 N | 87.08 6.84 -21.22 N |
| GOETHSLN___LBMP 323567 | 50.11 3.10 0.00 N | 40.28 2.45 -0.04 N | 33.50 1.75 -0.25 N | 0.10 -0.02 -0.12 N | -255.14 -11.47 0.00 N | -216.50 -8.76 0.00 N | -253.44 -10.55 0.00 N | 33.79 1.87 -0.06 N | 34.63 2.04 0.00 N | 32.24 2.34 0.00 N | 46.12 3.59 0.00 N | 57.54 4.86 0.00 N | 50.76 3.98 0.00 N | 58.94 4.73 0.00 N | 66.19 5.59 0.00 N | 63.40 5.37 0.00 N | 77.08 6.43 0.00 N | 76.91 6.50 0.00 N | 73.22 6.43 0.00 N | 72.53 6.43 0.00 N | 77.01 6.66 0.00 N | 81.03 6.65 0.00 N | 67.40 5.68 0.00 N | 63.60 4.59 0.00 N |
| GOUDEY___7 23579 | 46.12 -0.89 0.00 N | 37.00 -0.78 0.00 N | 30.79 -0.71 0.00 N | 0.09 0.10 0.00 N | -237.06 6.61 0.00 N | -202.42 5.32 0.00 N | -239.21 3.68 0.00 N | 31.63 -0.23 0.00 N | 32.31 -0.26 0.00 N | 29.81 -0.09 0.00 N | 42.59 0.05 0.00 N | 53.21 0.53 0.00 N | 47.42 0.64 0.00 N | 55.18 0.98 0.00 N | 61.33 0.73 0.00 N | 58.79 0.76 0.00 N | 71.25 0.60 0.00 N | 71.21 0.80 0.00 N | 67.29 0.50 0.00 N | 66.58 0.48 0.00 N | 70.79 0.45 0.00 N | 74.81 0.43 0.00 N | 61.50 -0.22 0.00 N | 58.66 -0.35 0.00 N |
| GOUDEY___8 23580 | 46.10 -0.91 0.00 N | 36.99 -0.80 0.00 N | 30.78 -0.72 0.00 N | 0.09 0.09 0.00 N | -237.02 6.65 0.00 N | -202.37 5.37 0.00 N | -239.18 3.71 0.00 N | 31.62 -0.25 0.00 N | 32.30 -0.29 0.00 N | 29.79 -0.11 0.00 N | 42.55 0.01 0.00 N | 53.17 0.49 0.00 N | 47.38 0.61 0.00 N | 55.13 0.93 0.00 N | 61.31 0.71 0.00 N | 58.76 0.73 0.00 N | 71.21 0.56 0.00 N | 71.20 0.79 0.00 N | 67.29 0.50 0.00 N | 66.56 0.46 0.00 N | 70.78 0.43 0.00 N | 74.80 0.42 0.00 N | 61.49 -0.23 0.00 N | 58.67 -0.34 0.00 N |
| GOWANUS_GT1_1 24077 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N |
| GOWANUS_GT1_2 24078 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N |
| GOWANUS_GT1_3 24079 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N |
| GOWANUS_GT1_4 24080 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N |
| GOWANUS_GT1_5 24084 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N |
| GOWANUS_GT1_6 24111 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 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 | N |
|------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|--------------------------------|-----------------------------|----------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---|---|
| GOWANUS_GT1_7 24112 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT1_8 24113 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_1 24114 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_2 24115 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_3 24116 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_4 24117 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_5 24118 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_6 24119 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_7 24120 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT2_8 24121 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.83 5.01 -118.61 N | 186.37 5.90 -119.87 N | 182.80 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.68 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.56 6.67 -118.80 N | 191.59 6.90 -114.33 N | 191.54 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT3_1 24122 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT3_2 24123 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT3_3 24124 | 168.98 3.30 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.81 5.63 -119.15 N | 175.50 6.69 -98.16 N | 183.67 6.77 -106.49 N | 189.22 6.69 -115.74 N | 191.55 6.66 -118.80 N | 191.57 6.89 -114.33 N | 191.53 6.95 -110.21 N | 215.96 5.95 -148.29 N | 189.30 4.87 -125.42 N | | |
| GOWANUS_GT3_4 | 168.98 | 49.06 | 33.62 | 0.09 | -256.16 | -217.45 | -254.58 | 33.95 | 34.80 | 32.43 | 161.80 | 174.17 | 174.44 | 177.84 | 186.37 | 182.81 | 175.50 | 183.67 | 189.22 | 191.55 | 191.57 | 191.53 | 215.96 | 189.30 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|---------|-------|-------|-------|---------|---------|---------|-------|-------|-------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|
| 24125 | | 3.30 | 2.61 | 1.89 | -0.02 | -12.48 | -9.71 | -11.68 | 2.03 | 2.22 | 2.53 | 3.85 | 5.14 | 4.21 | 5.02 | 5.90 | 5.63 | 6.69 | 6.77 | 6.69 | 6.66 | 6.89 | 6.95 | 5.95 | 4.87 |
| | | -118.67 | -8.67 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | 0.00 | -115.42 | -116.36 | -123.45 | -118.61 | -119.87 | -119.15 | -98.16 | -106.49 | -115.74 | -118.80 | -114.33 | -110.21 | -148.29 | -125.42 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_5 | 24126 | 168.98 | 49.06 | 33.62 | 0.09 | -256.16 | -217.45 | -254.58 | 33.95 | 34.80 | 32.43 | 161.80 | 174.17 | 174.44 | 177.84 | 186.37 | 182.81 | 175.50 | 183.67 | 189.22 | 191.55 | 191.57 | 191.53 | 215.96 | 189.30 |
| | | 3.30 | 2.61 | 1.89 | -0.02 | -12.48 | -9.71 | -11.68 | 2.03 | 2.22 | 2.53 | 3.85 | 5.14 | 4.21 | 5.02 | 5.90 | 5.63 | 6.69 | 6.77 | 6.69 | 6.66 | 6.89 | 6.95 | 5.95 | 4.87 |
| | | -118.67 | -8.67 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | 0.00 | -115.42 | -116.36 | -123.45 | -118.61 | -119.87 | -119.15 | -98.16 | -106.49 | -115.74 | -118.80 | -114.33 | -110.21 | -148.29 | -125.42 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_6 | 24127 | 168.98 | 49.06 | 33.62 | 0.09 | -256.16 | -217.45 | -254.58 | 33.95 | 34.80 | 32.43 | 161.80 | 174.17 | 174.44 | 177.84 | 186.37 | 182.81 | 175.50 | 183.67 | 189.22 | 191.55 | 191.57 | 191.53 | 215.96 | 189.30 |
| | | 3.30 | 2.61 | 1.89 | -0.02 | -12.48 | -9.71 | -11.68 | 2.03 | 2.22 | 2.53 | 3.85 | 5.14 | 4.21 | 5.02 | 5.90 | 5.63 | 6.69 | 6.77 | 6.69 | 6.66 | 6.89 | 6.95 | 5.95 | 4.87 |
| | | -118.67 | -8.67 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | 0.00 | -115.42 | -116.36 | -123.45 | -118.61 | -119.87 | -119.15 | -98.16 | -106.49 | -115.74 | -118.80 | -114.33 | -110.21 | -148.29 | -125.42 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_7 | 24128 | 168.98 | 49.06 | 33.62 | 0.09 | -256.16 | -217.45 | -254.58 | 33.95 | 34.80 | 32.43 | 161.80 | 174.17 | 174.44 | 177.84 | 186.37 | 182.81 | 175.50 | 183.67 | 189.22 | 191.55 | 191.57 | 191.53 | 215.96 | 189.30 |
| | | 3.30 | 2.61 | 1.89 | -0.02 | -12.48 | -9.71 | -11.68 | 2.03 | 2.22 | 2.53 | 3.85 | 5.14 | 4.21 | 5.02 | 5.90 | 5.63 | 6.69 | 6.77 | 6.69 | 6.66 | 6.89 | 6.95 | 5.95 | 4.87 |
| | | -118.67 | -8.67 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | 0.00 | -115.42 | -116.36 | -123.45 | -118.61 | -119.87 | -119.15 | -98.16 | -106.49 | -115.74 | -118.80 | -114.33 | -110.21 | -148.29 | -125.42 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_8 | 24129 | 168.98 | 49.06 | 33.62 | 0.09 | -256.16 | -217.45 | -254.58 | 33.95 | 34.80 | 32.43 | 161.80 | 174.17 | 174.44 | 177.84 | 186.37 | 182.81 | 175.50 | 183.67 | 189.22 | 191.55 | 191.57 | 191.53 | 215.96 | 189.30 |
| | | 3.30 | 2.61 | 1.89 | -0.02 | -12.48 | -9.71 | -11.68 | 2.03 | 2.22 | 2.53 | 3.85 | 5.14 | 4.21 | 5.02 | 5.90 | 5.63 | 6.69 | 6.77 | 6.69 | 6.66 | 6.89 | 6.95 | 5.95 | 4.87 |
| | | -118.67 | -8.67 | -0.23 | -0.11 | 0.00 | 0.00 | 0.00 | -0.05 | 0.00 | 0.00 | -115.42 | -116.36 | -123.45 | -118.61 | -119.87 | -119.15 | -98.16 | -106.49 | -115.74 | -118.80 | -114.33 | -110.21 | -148.29 | -125. |

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|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|----------------------------------|---------------------------------|----------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|
| GREENIDGE___3 23582 | 44.53 -2.49 0.00 N | 35.52 -2.26 0.00 N | 29.62 -1.88 0.00 N | 0.06 0.06 0.00 N | -230.54 13.13 0.00 N | -196.92 10.83 0.00 N | -233.35 9.54 0.00 N | 30.77 -1.10 0.00 N | 31.49 -1.08 0.00 N | 29.05 -0.84 0.00 N | 41.24 -1.29 0.00 N | 51.46 -1.22 0.00 N | 46.12 -0.65 0.00 N | 53.77 -0.44 0.00 N | 59.31 -1.28 0.00 N | 56.87 -1.15 0.00 N | 68.80 -1.85 0.00 N | 68.84 -1.57 0.00 N | 64.89 -1.90 0.00 N | 63.99 -2.11 0.00 N | 67.94 -2.41 0.00 N | 72.24 -2.13 0.00 N | 59.18 -2.54 0.00 N | 56.37 -2.64 0.00 N |
| GREENIDGE___4 23583 | 44.53 -2.49 0.00 N | 35.52 -2.26 0.00 N | 29.62 -1.88 0.00 N | 0.06 0.06 0.00 N | -230.54 13.13 0.00 N | -196.92 10.83 0.00 N | -233.35 9.54 0.00 N | 30.77 -1.10 0.00 N | 31.49 -1.08 0.00 N | 29.05 -0.84 0.00 N | 41.24 -1.29 0.00 N | 51.46 -1.22 0.00 N | 46.12 -0.65 0.00 N | 53.77 -0.44 0.00 N | 59.31 -1.28 0.00 N | 56.87 -1.15 0.00 N | 68.80 -1.85 0.00 N | 68.84 -1.57 0.00 N | 64.89 -1.90 0.00 N | 63.99 -2.11 0.00 N | 67.94 -2.41 0.00 N | 72.24 -2.13 0.00 N | 59.18 -2.54 0.00 N | 56.37 -2.64 0.00 N |
| HARZA MOOSE___RIVER 24016 | 47.15 0.13 0.00 N | 37.80 0.02 0.00 N | 31.30 -0.20 0.00 N | 0.00 0.00 0.00 N | -241.74 1.93 0.00 N | -205.98 1.77 0.00 N | -241.16 1.74 0.00 N | 31.69 -0.17 0.00 N | 32.46 -0.12 0.00 N | 29.86 -0.03 0.00 N | 42.47 -0.06 0.00 N | 52.73 0.05 0.00 N | 46.99 0.21 0.00 N | 54.43 0.22 0.00 N | 60.78 0.18 0.00 N | 58.22 0.19 0.00 N | 70.91 0.26 0.00 N | 70.71 0.30 0.00 N | 67.03 0.24 0.00 N | 66.32 0.23 0.00 N | 70.62 0.27 0.00 N | 74.84 0.46 0.00 N | 61.96 0.24 0.00 N | 59.10 0.10 0.00 N |
| HEMPSTEAD___ 23647 | 112.11 3.83 -61.27 N | 114.31 3.07 -73.45 N | 68.25 2.34 -34.41 N | 13.02 0.00 -13.02 N | -242.90 -16.23 -17.00 N | -211.33 -12.38 -8.80 N | -242.31 -15.42 -16.01 N | 62.01 2.52 -27.63 N | 129.30 2.57 -94.16 N | 119.52 2.60 -87.03 N | 80.35 4.09 -33.72 N | 91.76 5.56 -33.52 N | 98.77 4.38 -47.61 N | 123.20 5.08 -63.92 N | 231.64 5.90 -165.13 N | 350.23 5.48 -286.73 N | 122.20 7.14 -44.41 N | 96.38 7.14 -18.83 N | 114.02 7.07 -40.16 N | 84.61 7.27 -11.24 N | 116.05 7.44 -38.26 N | 96.58 7.22 -14.98 N | 98.18 6.16 -30.30 N | 133.79 5.33 -69.46 N |
| HICKLING___1 23621 | 45.29 -1.72 0.00 N | 36.26 -1.52 0.00 N | 30.16 -1.34 0.00 N | 0.18 0.18 0.00 N | -231.70 11.97 0.00 N | -198.40 9.34 0.00 N | -236.74 6.16 0.00 N | 31.43 -0.44 0.00 N | 32.08 -0.50 0.00 N | 29.69 -0.20 0.00 N | 42.53 0.00 0.00 N | 53.56 0.88 0.00 N | 47.94 1.17 0.00 N | 56.08 1.87 0.00 N | 61.98 1.38 0.00 N | 59.49 1.46 0.00 N | 71.81 1.17 0.00 N | 72.01 1.59 0.00 N | 67.77 0.98 0.00 N | 66.91 0.81 0.00 N | 71.08 0.73 0.00 N | 75.28 0.90 0.00 N | 61.26 -0.46 0.00 N | 58.44 -0.57 0.00 N |
| HICKLING___2 23622 | 45.29 -1.72 0.00 N | 36.28 -1.51 0.00 N | 30.17 -1.33 0.00 N | 0.18 0.18 0.00 N | -231.72 11.95 0.00 N | -198.40 9.34 0.00 N | -236.79 6.10 0.00 N | 31.44 -0.43 0.00 N | 32.08 -0.50 0.00 N | 29.70 -0.19 0.00 N | 42.54 0.00 0.00 N | 53.58 0.90 0.00 N | 47.96 1.19 0.00 N | 56.09 1.89 0.00 N | 61.99 1.39 0.00 N | 59.50 1.47 0.00 N | 71.84 1.19 0.00 N | 72.03 1.61 0.00 N | 67.80 1.01 0.00 N | 66.94 0.85 0.00 N | 71.09 0.75 0.00 N | 75.33 0.95 0.00 N | 61.28 -0.44 0.00 N | 58.45 -0.56 0.00 N |
| HIGH FALLS___HY 23754 | 49.74 2.73 0.00 N | 40.00 2.21 0.00 N | 33.12 1.62 0.00 N | -0.01 0.00 0.00 N | -254.58 -10.91 0.00 N | -216.32 -8.57 0.00 N | -253.57 -10.68 0.00 N | 33.69 1.82 0.00 N | 34.61 2.03 0.00 N | 32.13 2.23 0.00 N | 45.87 3.34 0.00 N | 57.21 4.53 0.00 N | 50.62 3.85 0.00 N | 58.84 4.63 0.00 N | 66.06 5.46 0.00 N | 63.32 5.29 0.00 N | 77.02 6.38 0.00 N | 76.84 6.42 0.00 N | 73.04 6.25 0.00 N | 72.33 6.23 0.00 N | 76.84 6.49 0.00 N | 80.99 6.61 0.00 N | 67.17 5.45 0.00 N | 63.43 4.43 0.00 N |
| HILLBURN___GT 23639 | 49.66 2.65 0.00 N | 39.85 2.07 0.00 N | 32.93 1.43 0.00 N | 0.02 0.02 0.00 N | -252.34 -8.67 0.00 N | -215.06 -7.31 0.00 N | -252.06 -9.17 0.00 N | 33.57 1.70 0.00 N | 34.45 1.87 0.00 N | 32.04 2.14 0.00 N | 45.83 3.30 0.00 N | 57.19 4.51 0.00 N | 50.51 3.73 0.00 N | 58.74 4.53 0.00 N | 66.00 5.40 0.00 N | 63.27 5.25 0.00 N | 76.89 6.25 0.00 N | 76.69 6.28 0.00 N | 73.03 6.24 0.00 N | 72.30 6.20 0.00 N | 76.71 6.36 0.00 N | 80.71 6.33 0.00 N | 67.03 5.32 0.00 N | 63.28 4.27 0.00 N |
| HOLTSVILLE_IC_1 23690 | 98.23 3.65 -47.56 N | 98.78 3.07 -57.92 N | 55.65 2.45 -21.70 N | 6.18 0.04 -6.14 N | -273.58 -16.85 13.05 N | -227.38 -12.88 6.75 N | -263.04 -16.29 3.86 N | 54.46 2.65 -19.95 N | 104.70 2.39 -69.73 N | 92.72 2.28 -60.54 N | 73.53 3.89 -27.10 N | 84.12 5.40 -26.04 N | 84.00 4.11 -33.12 N | 103.17 4.50 -44.46 N | 179.49 4.78 -114.11 N | 257.79 3.62 -196.15 N | 106.20 5.60 -29.95 N | 88.02 6.18 -11.43 N | 101.14 6.53 -27.82 N | 80.96 6.86 -8.00 N | 103.89 7.05 -26.49 N | 88.92 6.56 -7.98 N | 79.47 5.52 -12.22 N | 84.48 4.83 -20.65 N |
| HOLTSVILLE_IC_10 23699 | 98.71 3.93 -47.77 N | 99.22 3.28 -58.15 N | 56.08 2.63 -21.95 N | 6.31 0.03 -6.28 N | -274.29 -18.17 12.45 N | -228.10 -13.92 6.44 N | -263.90 -17.54 3.47 N | 54.77 2.82 -20.08 N | 105.25 2.57 -70.10 N | 93.31 2.45 -60.96 N | 73.88 4.15 -27.19 N | 84.57 5.74 -26.15 N | 84.53 4.40 -33.35 N | 103.83 4.85 -44.77 N | 180.69 5.17 -114.92 N | 259.34 3.80 -197.51 N | 106.68 6.00 -30.03 N | 88.66 6.68 -11.56 N | 101.80 6.99 -28.01 N | 81.48 7.33 -8.05 N | 104.57 7.54 -26.68 N | 89.56 7.08 -8.10 N | 80.20 5.92 -12.56 N | 85.78 5.20 -21.57 N |
| HOLTSVILLE_IC_2 23691 | 98.23 3.65 -47.56 N | 98.78 3.07 -57.92 N | 55.65 2.45 -21.70 N | 6.18 0.04 -6.14 N | -273.58 -16.85 13.05 N | -227.38 -12.88 6.75 N | -263.04 -16.29 3.86 N | 54.46 2.65 -19.95 N | 104.70 2.39 -69.73 N | 92.72 2.28 -60.54 N | 73.53 3.89 -27.10 N | 84.12 5.40 -26.04 N | 84.00 4.11 -33.12 N | 103.17 4.50 -44.46 N | 179.49 4.78 -114.11 N | 257.79 3.62 -196.15 N | 106.20 5.60 -29.95 N | 88.02 6.18 -11.43 N | 101.14 6.53 -27.82 N | 80.96 6.86 -8.00 N | 103.89 7.05 -26.49 N | 88.92 6.56 -7.98 N | 79.47 5.52 -12.22 N | 84.48 4.83 -20.65 N |
| HOLTSVILLE_IC_3 23692 | 98.23 3.65 -47.56 N | 98.78 3.07 -57.92 N | 55.65 2.45 -21.70 N | 6.18 0.04 -6.14 N | -273.58 -16.85 13.05 N | -227.38 -12.88 6.75 N | -263.04 -16.29 3.86 N | 54.46 2.65 -19.95 N | 104.70 2.39 -69.73 N | 92.72 2.28 -60.54 N | 73.53 3.89 -27.10 N | 84.12 5.40 -26.04 N | 84.00 4.11 -33.12 N | 103.17 4.50 -44.46 N | 179.49 4.78 -114.11 N | 257.79 3.62 -196.15 N | 106.20 5.60 -29.95 N | 88.02 6.18 -11.43 N | 101.14 6.53 -27.82 N | 80.96 6.86 -8.00 N | 103.89 7.05 -26.49 N | 88.92 6.56 -7.98 N | 79.47 5.52 -12.22 N | 84.48 4.83 -20.65 N |
| HOLTSVILLE_IC_4 23693 | 98.23 3.65 -47.56 N | 98.78 3.07 -57.92 N | 55.65 2.45 -21.70 N | 6.18 0.04 -6.14 N | -273.58 -16.85 13.05 N | -227.38 -12.88 6.75 N | -263.04 -16.29 3.86 N | 54.46 2.65 -19.95 N | 104.70 2.39 -69.73 N | 92.72 2.28 -60.54 N | 73.53 3.89 -27.10 N | 84.12 5.40 -26.04 N | 84.00 4.11 -33.12 N | 103.17 4.50 -44.46 N | 179.49 4.78 -114.11 N | 257.79 3.62 -196.15 N | 106.20 5.60 -29.95 N | 88.02 6.18 -11.43 N | 101.14 6.53 -27.82 N | 80.96 6.86 -8.00 N | 103.89 7.05 -26.49 N | 88.92 6.56 -7.98 N | 79.47 5.52 -12.22 N | 84.48 4.83 -20.65 N |
| HOLTSVILLE_IC_5 23694 | 98.23 3.65 -47.56 N | 98.78 3.07 -57.92 N | 55.65 2.45 -21.70 N | 6.18 0.04 -6.14 N | -273.58 -16.85 13.05 N | -227.38 -12.88 6.75 N | -263.04 -16.29 3.86 N | 54.46 2.65 -19.95 N | 104.70 2.39 -69.73 N | 92.72 2.28 -60.54 N | 73.53 3.89 -27.10 N | 84.12 5.40 -26.04 N | 84.00 4.11 -33.12 N | 103.17 4.50 -44.46 N | 179.49 4.78 -114.11 N | 257.79 3.62 -196.15 N | 106.20 5.60 -29.95 N | 88.02 6.18 -11.43 N | 101.14 6.53 -27.82 N | 80.96 6.86 -8.00 N | 103.89 7.05 -26.49 N | 88.92 6.56 -7.98 N | 79.47 5.52 -12.22 N | 84.48 4.83 -20.65 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 |
|--------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|---|
| HOLTSVILLE_IC_6 23695 | 98.71 3.93 -47.77 N | 99.22 3.28 -58.15 N | 56.08 2.63 -21.95 N | 6.31 0.03 -6.28 N | -274.29 -18.17 12.45 N | -228.10 -13.92 6.44 N | -263.90 -17.54 3.47 N | 54.77 2.82 -20.08 N | 105.25 2.57 -70.10 N | 93.31 2.45 -60.96 N | 73.88 4.15 -27.19 N | 84.57 5.74 -26.15 N | 84.53 4.40 -33.35 N | 103.83 4.85 -44.77 N | 180.69 5.17 -114.92 N | 259.34 3.80 -197.51 N | 106.68 6.00 -30.03 N | 88.66 6.68 -11.56 N | 101.80 6.99 -28.01 N | 81.48 7.33 -8.05 N | 104.57 7.54 -26.68 N | 89.56 7.08 -8.10 N | 80.20 5.92 -12.56 N | 85.78 5.20 -21.57 N | |
| HOLTSVILLE_IC_7 23696 | 98.71 3.93 -47.77 N | 99.22 3.28 -58.15 N | 56.08 2.63 -21.95 N | 6.31 0.03 -6.28 N | -274.29 -18.17 12.45 N | -228.10 -13.92 6.44 N | -263.90 -17.54 3.47 N | 54.77 2.82 -20.08 N | 105.25 2.57 -70.10 N | 93.31 2.45 -60.96 N | 73.88 4.15 -27.19 N | 84.57 5.74 -26.15 N | 84.53 4.40 -33.35 N | 103.83 4.85 -44.77 N | 180.69 5.17 -114.92 N | 259.34 3.80 -197.51 N | 106.68 6.00 -30.03 N | 88.66 6.68 -11.56 N | 101.80 6.99 -28.01 N | 81.48 7.33 -8.05 N | 104.57 7.54 -26.68 N | 89.56 7.08 -8.10 N | 80.20 5.92 -12.56 N | 85.78 5.20 -21.57 N | |
| HOLTSVILLE_IC_8 23697 | 98.71 3.93 -47.77 N | 99.22 3.28 -58.15 N | 56.08 2.63 -21.95 N | 6.31 0.03 -6.28 N | -274.29 -18.17 12.45 N | -228.10 -13.92 6.44 N | -263.90 -17.54 3.47 N | 54.77 2.82 -20.08 N | 105.25 2.57 -70.10 N | 93.31 2.45 -60.96 N | 73.88 4.15 -27.19 N | 84.57 5.74 -26.15 N | 84.53 4.40 -33.35 N | 103.83 4.85 -44.77 N | 180.69 5.17 -114.92 N | 259.34 3.80 -197.51 N | 106.68 6.00 -30.03 N | 88.66 6.68 -11.56 N | 101.80 6.99 -28.01 N | 81.48 7.33 -8.05 N | 104.57 7.54 -26.68 N | 89.56 7.08 -8.10 N | 80.20 5.92 -12.56 N | 85.78 5.20 -21.57 N | |
| HOLTSVILLE_IC_9 23698 | 98.71 3.93 -47.77 N | 99.22 3.28 -58.15 N | 56.08 2.63 -21.95 N | 6.31 0.03 -6.28 N | -274.29 -18.17 12.45 N | -228.10 -13.92 6.44 N | -263.90 -17.54 3.47 N | 54.77 2.82 -20.08 N | 105.25 2.57 -70.10 N | 93.31 2.45 -60.96 N | 73.88 4.15 -27.19 N | 84.57 5.74 -26.15 N | 84.53 4.40 -33.35 N | 103.83 4.85 -44.77 N | 180.69 5.17 -114.92 N | 259.34 3.80 -197.51 N | 106.68 6.00 -30.03 N | 88.66 6.68 -11.56 N | 101.80 6.99 -28.01 N | 81.48 7.33 -8.05 N | 104.57 7.54 -26.68 N | 89.56 7.08 -8.10 N | 80.20 5.92 -12.56 N | 85.78 5.20 -21.57 N | |
| HQ_GEN_CEDARS 23644 | 46.67 -0.34 0.00 N | 37.54 -0.25 0.00 N | 31.39 -0.10 0.00 N | 0.01 0.01 0.00 N | -244.34 -0.67 0.00 N | -208.51 -0.77 0.00 N | -242.72 0.17 0.00 N | 31.46 -0.40 0.00 N | 31.98 -0.60 0.00 N | 28.90 -1.00 0.00 N | 39.59 -2.94 0.00 N | 48.55 -4.13 0.00 N | 43.06 -3.72 0.00 N | 50.09 -4.12 0.00 N | 55.80 -4.80 0.00 N | 53.22 -4.80 0.00 N | 65.01 -5.64 0.00 N | 64.74 -5.68 0.00 N | 61.47 -5.33 0.00 N | 60.82 -5.28 0.00 N | 64.94 -5.40 0.00 N | 69.18 -5.19 0.00 N | 57.79 -3.93 0.00 N | 56.09 -2.92 0.00 N | |
| HQ_GEN_CHAT DC 23651 | 38.24 -0.18 2.16 N | 35.09 -0.25 0.18 N | 31.44 -0.06 0.00 N | 0.01 0.01 0.00 N | -244.23 -0.56 0.00 N | -208.37 -0.63 0.00 N | 44.75 -0.06 -7.32 N | 31.58 -0.28 0.00 N | 31.01 -0.41 0.90 N | 29.46 -0.43 0.00 N | 41.77 -0.77 0.00 N | 51.44 -1.23 0.00 N | 45.67 -1.10 0.00 N | 53.03 -1.18 0.00 N | 59.25 -1.35 0.00 N | 56.64 -1.39 0.00 N | 69.04 -1.61 0.00 N | 68.78 -1.63 0.00 N | 65.22 -1.57 0.00 N | 64.47 -1.63 0.00 N | 68.70 -1.65 0.00 N | 66.28 -1.63 0.27 N | 60.54 -1.18 0.00 N | 58.16 -0.85 0.00 N | |
| HUDSON_AVE_GT_3 23810 | 50.30 3.29 0.00 N | 40.44 2.61 -0.04 N | 33.63 1.88 -0.25 N | 0.10 -0.01 -0.12 N | -256.18 -12.50 0.00 N | -217.32 -9.58 0.00 N | -254.45 -11.56 0.00 N | 33.92 2.00 -0.06 N | 34.75 2.17 0.00 N | 32.36 2.47 0.00 N | 46.32 3.79 0.00 N | 57.78 5.10 0.00 N | 50.96 4.19 0.00 N | 59.16 4.96 0.00 N | 66.45 5.85 0.00 N | 63.66 5.64 0.00 N | 77.42 6.77 0.00 N | 77.24 6.82 0.00 N | 73.52 6.73 0.00 N | 72.82 6.72 0.00 N | 77.32 6.97 0.00 N | 81.37 6.99 0.00 N | 67.70 5.98 0.00 N | 63.92 4.90 0.00 N | |
| HUDSON_AVE_GT_4 23540 | 50.30 3.29 0.00 N | 40.44 2.61 -0.04 N | 33.63 1.88 -0.25 N | 0.10 -0.01 -0.12 N | -256.18 -12.50 0.00 N | -217.32 -9.58 0.00 N | -254.45 -11.56 0.00 N | 33.92 2.00 -0.06 N | 34.75 2.17 0.00 N | 32.36 2.47 0.00 N | 46.32 3.79 0.00 N | 57.78 5.10 0.00 N | 50.96 4.19 0.00 N | 59.16 4.96 0.00 N | 66.45 5.85 0.00 N | 63.66 5.64 0.00 N | 77.42 6.77 0.00 N | 77.24 6.82 0.00 N | 73.52 6.73 0.00 N | 72.82 6.72 0.00 N | 77.32 6.97 0.00 N | 81.37 6.99 0.00 N | 67.70 5.98 0.00 N | 63.92 4.90 0.00 N | |
| HUDSON_AVE_GT_5 23657 | 50.30 3.29 0.00 N | 40.44 2.61 -0.04 N | 33.63 1.88 -0.25 N | 0.10 -0.01 -0.12 N | -256.18 -12.50 0.00 N | -217.32 -9.58 0.00 N | -254.45 -11.56 0.00 N | 33.92 2.00 -0.06 N | 34.75 2.17 0.00 N | 32.36 2.47 0.00 N | 46.32 3.79 0.00 N | 57.78 5.10 0.00 N | 50.96 4.19 0.00 N | 59.16 4.96 0.00 N | 66.45 5.85 0.00 N | 63.66 5.64 0.00 N | 77.42 6.77 0.00 N | 77.24 6.82 0.00 N | 73.52 6.73 0.00 N | 72.82 6.72 0.00 N | 77.32 6.97 0.00 N | 81.37 6.99 0.00 N | 67.70 5.98 0.00 N | 63.92 4.90 0.00 N | |
| HUDSON_AVE_10 24168 | 50.25 3.23 0.00 N | 40.41 2.58 -0.04 N | 33.57 1.83 -0.25 N | 0.11 0.00 -0.12 N | -255.38 -11.71 0.00 N | -216.45 -8.70 0.00 N | -253.60 -10.71 0.00 N | 33.78 1.86 -0.06 N | 34.60 2.02 0.00 N | 32.24 2.34 0.00 N | 46.16 3.62 0.00 N | 57.59 4.92 0.00 N | 50.80 4.02 0.00 N | 58.98 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.22 6.57 0.00 N | 77.00 6.58 0.00 N | 73.30 6.51 0.00 N | 72.63 6.53 0.00 N | 77.12 6.77 0.00 N | 81.11 6.73 0.00 N | 67.51 5.79 0.00 N | 63.76 4.75 0.00 N | |
| HUNTLEY___63 23557 | 46.03 -0.99 0.00 N | 36.83 -0.96 0.00 N | 30.45 -1.05 0.00 N | 0.06 0.06 0.00 N | -235.42 8.26 0.00 N | -201.27 6.47 0.00 N | -239.39 3.50 0.00 N | 31.56 -0.30 0.00 N | 32.34 -0.25 0.00 N | 29.58 -0.31 0.00 N | 42.51 -0.03 0.00 N | 53.60 0.92 0.00 N | 48.23 1.46 0.00 N | 56.41 2.20 0.00 N | 61.69 1.09 0.00 N | 59.01 0.98 0.00 N | 71.05 0.40 0.00 N | 71.20 0.79 0.00 N | 66.89 0.09 0.00 N | 65.79 -0.31 0.00 N | 69.52 -0.83 0.00 N | 74.93 0.55 0.00 N | 60.94 -0.78 0.00 N | 58.37 -0.64 0.00 N | |
| HUNTLEY___64 23558 | 46.03 -0.99 0.00 N | 36.83 -0.96 0.00 N | 30.45 -1.05 0.00 N | 0.06 0.06 0.00 N | -235.42 8.26 0.00 N | -201.27 6.47 0.00 N | -239.39 3.50 0.00 N | 31.56 -0.30 0.00 N | 32.34 -0.25 0.00 N | 29.58 -0.31 0.00 N | 42.51 -0.03 0.00 N | 53.60 0.92 0.00 N | 48.23 1.46 0.00 N | 56.41 2.20 0.00 N | 61.69 1.09 0.00 N | 59.01 0.98 0.00 N | 71.05 0.40 0.00 N | 71.20 0.79 0.00 N | 66.89 0.09 0.00 N | 65.79 -0.31 0.00 N | 69.52 -0.83 0.00 N | 74.93 0.55 0.00 N | 60.94 -0.78 0.00 N | 58.37 -0.64 0.00 N | |
| HUNTLEY___65 23559 | 46.03 -0.99 0.00 N | 36.83 -0.96 0.00 N | 30.45 -1.05 0.00 N | 0.06 0.06 0.00 N | -235.42 8.26 0.00 N | -201.27 6.47 0.00 N | -239.39 3.50 0.00 N | 31.56 -0.30 0.00 N | 32.34 -0.25 0.00 N | 29.58 -0.31 0.00 N | 42.51 -0.03 0.00 N | 53.60 0.92 0.00 N | 48.23 1.46 0.00 N | 56.41 2.20 0.00 N | 61.69 1.09 0.00 N | 59.01 0.98 0.00 N | 71.05 0.40 0.00 N | 71.20 0.79 0.00 N | 66.89 0.09 0.00 N | 65.79 -0.31 0.00 N | 69.52 -0.83 0.00 N | 74.93 0.55 0.00 N | 60.94 -0.78 0.00 N | 58.37 -0.64 0.00 N | |
| HUNTLEY___66 | 46.03 | 36.83 | 30.45 | 0.06 | -235.42 | -201.27 | -239.39 | 31.56 | 32.34 | 29.58 | 42.51 | 53.60 | 48.23 | 56.41 | 61.69 | 59.01 | 71.05 | 71.20 | 66.89 | 65.79 | 69.52 | 74.93 | 60.94 | 58.37 | |

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| 23560 | -0.99 0.00 N | -0.96 0.00 N | -1.05 0.00 N | 0.06 0.00 N | 8.26 0.00 N | 6.47 0.00 N | 3.50 0.00 N | -0.30 0.00 N | -0.25 0.00 N | -0.31 0.00 N | -0.03 0.00 N | 0.92 0.00 N | 1.46 0.00 N | 2.20 0.00 N | 1.09 0.00 N | 0.98 0.00 N | 0.40 0.00 N | 0.79 0.00 N | 0.09 0.00 N | -0.31 0.00 N | -0.83 0.00 N | 0.55 0.00 N | -0.78 0.00 N | -0.64 0.00 N |
| HUNTLEY____67 23561 | 45.24 -1.78 0.00 N | 36.20 -1.58 0.00 N | 29.94 -1.56 0.00 N | 0.06 0.00 N | -231.48 12.19 0.00 N | -197.98 9.76 0.00 N | -235.77 7.12 0.00 N | 31.09 -0.77 0.00 N | 31.82 -0.76 0.00 N | 29.09 -0.81 0.00 N | 41.77 -0.76 0.00 N | 52.66 -0.02 0.00 N | 47.37 0.60 0.00 N | 55.38 1.18 0.00 N | 60.59 -0.01 0.00 N | 57.96 -0.07 0.00 N | 69.81 -0.83 0.00 N | 69.96 -0.45 0.00 N | 65.75 -1.05 0.00 N | 64.66 -1.44 0.00 N | 68.32 -2.03 0.00 N | 73.58 -0.80 0.00 N | 59.88 -1.85 0.00 N | 57.39 -1.61 0.00 N |
| HUNTLEY____68 23562 | 45.24 -1.78 0.00 N | 36.20 -1.58 0.00 N | 29.94 -1.56 0.00 N | 0.06 0.00 N | -231.48 12.19 0.00 N | -197.98 9.76 0.00 N | -235.77 7.12 0.00 N | 31.09 -0.77 0.00 N | 31.82 -0.76 0.00 N | 29.09 -0.81 0.00 N | 41.77 -0.76 0.00 N | 52.66 -0.02 0.00 N | 47.37 0.60 0.00 N | 55.38 1.18 0.00 N | 60.59 -0.01 0.00 N | 57.96 -0.07 0.00 N | 69.81 -0.83 0.00 N | 69.96 -0.45 0.00 N | 65.75 -1.05 0.00 N | 64.66 -1.44 0.00 N | 68.32 -2.03 0.00 N | 73.58 -0.80 0.00 N | 59.88 -1.85 0.00 N | 57.39 -1.61 0.00 N |
| INDECK____CORINTH 23802 | 49.12 2.11 0.00 N | 39.66 1.88 0.00 N | 32.94 1.45 0.00 N | -0.03 -0.03 0.00 N | -252.78 -9.11 0.00 N | -215.24 -7.49 0.00 N | -252.18 -9.28 0.00 N | 33.70 1.84 0.00 N | 34.43 1.85 0.00 N | 31.82 1.92 0.00 N | 45.44 2.91 0.00 N | 56.31 3.63 0.00 N | 49.46 2.69 0.00 N | 56.40 2.19 0.00 N | 62.75 2.15 0.00 N | 60.20 2.18 0.00 N | 73.87 3.23 0.00 N | 73.28 2.86 0.00 N | 69.57 2.78 0.00 N | 69.33 3.23 0.00 N | 73.89 3.55 0.00 N | 77.15 2.77 0.00 N | 64.08 2.36 0.00 N | 60.33 1.32 0.00 N |
| INDECK____ILION 23567 | 48.34 1.33 0.00 N | 38.93 1.15 0.00 N | 32.39 0.90 0.00 N | 0.04 0.04 0.00 N | -249.54 -5.87 0.00 N | -212.69 -4.94 0.00 N | -249.38 -6.48 0.00 N | 32.96 1.10 0.00 N | 33.72 1.14 0.00 N | 31.08 1.19 0.00 N | 44.33 1.80 0.00 N | 55.10 2.42 0.00 N | 48.77 2.00 0.00 N | 56.25 2.05 0.00 N | 62.99 2.39 0.00 N | 60.48 2.45 0.00 N | 73.65 3.01 0.00 N | 73.44 3.03 0.00 N | 69.66 2.87 0.00 N | 69.11 3.02 0.00 N | 73.68 3.33 0.00 N | 77.50 3.12 0.00 N | 64.29 2.56 0.00 N | 61.16 2.15 0.00 N |
| INDECK____OLEAN 23982 | 45.12 -1.89 0.00 N | 36.12 -1.66 0.00 N | 29.91 -1.58 0.00 N | 0.19 0.19 0.00 N | -229.61 14.06 0.00 N | -196.85 10.89 0.00 N | -236.01 6.88 0.00 N | 31.38 -0.49 0.00 N | 32.07 -0.51 0.00 N | 29.58 -0.31 0.00 N | 42.59 0.05 0.00 N | 53.91 1.23 0.00 N | 48.46 1.69 0.00 N | 56.85 2.65 0.00 N | 62.34 1.73 0.00 N | 59.78 1.75 0.00 N | 71.87 1.22 0.00 N | 72.18 1.76 0.00 N | 67.72 0.93 0.00 N | 66.73 0.63 0.00 N | 70.66 0.31 0.00 N | 75.54 1.16 0.00 N | 61.13 -0.60 0.00 N | 58.44 -0.57 0.00 N |
| INDECK____OSWEGO 23783 | 46.18 -0.83 0.00 N | 37.06 -0.73 0.00 N | 30.81 -0.69 0.00 N | 0.02 0.02 0.00 N | -238.03 5.64 0.00 N | -202.94 4.80 0.00 N | -238.07 4.82 0.00 N | 31.27 -0.60 0.00 N | 31.95 -0.63 0.00 N | 29.35 -0.54 0.00 N | 41.82 -0.71 0.00 N | 51.97 -0.71 0.00 N | 46.39 -0.39 0.00 N | 53.74 -0.46 0.00 N | 59.88 -0.72 0.00 N | 57.40 -0.63 0.00 N | 69.72 -0.92 0.00 N | 69.55 -0.87 0.00 N | 65.89 -0.90 0.00 N | 65.13 -0.97 0.00 N | 69.24 -1.11 0.00 N | 73.36 -1.02 0.00 N | 60.77 -0.96 0.00 N | 58.27 -0.74 0.00 N |
| INDECK____YERKES 23781 | 46.03 -0.99 0.00 N | 36.83 -0.96 0.00 N | 30.45 -1.05 0.00 N | 0.06 0.06 0.00 N | -235.42 8.26 0.00 N | -201.27 6.47 0.00 N | -239.39 3.50 0.00 N | 31.56 -0.30 0.00 N | 32.34 -0.25 0.00 N | 29.58 -0.31 0.00 N | 42.51 -0.03 0.00 N | 53.60 0.92 0.00 N | 48.23 1.46 0.00 N | 56.41 2.20 0.00 N | 61.69 1.09 0.00 N | 59.01 0.98 0.00 N | 71.05 0.40 0.00 N | 71.20 0.79 0.00 N | 66.89 0.09 0.00 N | 65.79 -0.31 0.00 N | 69.52 -0.83 0.00 N | 74.93 0.55 0.00 N | 60.94 -0.78 0.00 N | 58.37 -0.64 0.00 N |
| INDIAN POINT_GT_1 24139 | 49.58 2.57 0.00 N | 39.80 2.02 0.00 N | 32.91 1.41 0.00 N | 0.00 0.00 0.00 N | -252.22 -8.54 0.00 N | -215.06 -7.31 0.00 N | -251.91 -9.02 0.00 N | 33.53 1.67 0.00 N | 34.41 1.83 0.00 N | 31.99 2.09 0.00 N | 45.77 3.23 0.00 N | 57.07 4.39 0.00 N | 50.38 3.60 0.00 N | 58.51 4.30 0.00 N | 65.72 5.12 0.00 N | 63.01 4.98 0.00 N | 76.66 6.01 0.00 N | 76.45 6.03 0.00 N | 72.76 5.96 0.00 N | 72.09 6.00 0.00 N | 76.52 6.17 0.00 N | 80.47 6.09 0.00 N | 66.89 5.17 0.00 N | 63.15 4.13 0.00 N |
| INDIAN POINT_GT_2 23659 | 49.58 2.57 0.00 N | 39.80 2.02 0.00 N | 32.91 1.41 0.00 N | 0.00 0.00 0.00 N | -252.22 -8.54 0.00 N | -215.06 -7.31 0.00 N | -251.91 -9.02 0.00 N | 33.53 1.67 0.00 N | 34.41 1.83 0.00 N | 31.99 2.09 0.00 N | 45.77 3.23 0.00 N | 57.07 4.39 0.00 N | 50.38 3.60 0.00 N | 58.51 4.30 0.00 N | 65.72 5.12 0.00 N | 63.01 4.98 0.00 N | 76.66 6.01 0.00 N | 76.45 6.03 0.00 N | 72.76 5.96 0.00 N | 72.09 6.00 0.00 N | 76.52 6.17 0.00 N | 80.47 6.09 0.00 N | 66.89 5.17 0.00 N | 63.15 4.13 0.00 N |
| INDIAN POINT_GT_3 24019 | 49.58 2.57 0.00 N | 39.80 2.02 0.00 N | 32.91 1.41 0.00 N | 0.00 0.00 0.00 N | -252.22 -8.54 0.00 N | -215.06 -7.31 0.00 N | -251.91 -9.02 0.00 N | 33.53 1.67 0.00 N | 34.41 1.83 0.00 N | 31.99 2.09 0.00 N | 45.77 3.23 0.00 N | 57.07 4.39 0.00 N | 50.38 3.60 0.00 N | 58.51 4.30 0.00 N | 65.72 5.12 0.00 N | 63.01 4.98 0.00 N | 76.66 6.01 0.00 N | 76.45 6.03 0.00 N | 72.76 5.96 0.00 N | 72.09 6.00 0.00 N | 76.52 6.17 0.00 N | 80.47 6.09 0.00 N | 66.89 5.17 0.00 N | 63.15 4.13 0.00 N |
| INDIAN POINT____2 23530 | 49.41 2.40 0.00 N | 39.66 1.88 0.00 N | 32.78 1.29 0.00 N | 0.03 0.03 0.00 N | -250.73 -7.06 0.00 N | -214.60 -6.86 0.00 N | -251.37 -8.48 0.00 N | 33.47 1.60 0.00 N | 34.33 1.75 0.00 N | 31.92 2.02 0.00 N | 45.65 3.12 0.00 N | 56.93 4.25 0.00 N | 50.25 3.48 0.00 N | 58.39 4.18 0.00 N | 65.59 4.99 0.00 N | 62.87 4.84 0.00 N | 76.46 5.81 0.00 N | 76.25 5.83 0.00 N | 72.60 5.81 0.00 N | 71.91 5.81 0.00 N | 76.32 5.97 0.00 N | 80.27 5.89 0.00 N | 66.72 5.00 0.00 N | 62.99 3.98 0.00 N |
| INDIAN POINT____3 23531 | 49.51 2.50 0.00 N | 39.76 1.97 0.00 N | 32.88 1.38 0.00 N | 0.00 -0.01 0.00 N | -252.40 -8.73 0.00 N | -214.49 -6.75 0.00 N | -251.30 -8.40 0.00 N | 33.44 1.57 0.00 N | 34.31 1.73 0.00 N | 31.89 1.99 0.00 N | 45.61 3.07 0.00 N | 56.86 4.18 0.00 N | 50.19 3.41 0.00 N | 58.28 4.08 0.00 N | 65.47 4.87 0.00 N | 62.76 4.74 0.00 N | 76.35 5.70 0.00 N | 76.13 5.72 0.00 N | 72.48 5.69 0.00 N | 71.80 5.70 0.00 N | 76.21 5.86 0.00 N | 80.14 5.76 0.00 N | 66.65 4.93 0.00 N | 62.91 3.90 0.00 N |
| IP CORINTH____1 23988 | 49.18 2.16 0.00 N | 39.70 1.92 0.00 N | 32.98 1.48 0.00 N | -0.03 -0.03 0.00 N | -253.03 -9.36 0.00 N | -215.42 -7.67 0.00 N | -252.42 -9.53 0.00 N | 33.74 1.87 0.00 N | 34.47 1.89 0.00 N | 31.86 1.96 0.00 N | 45.51 2.97 0.00 N | 56.38 3.70 0.00 N | 49.56 2.79 0.00 N | 56.61 2.40 0.00 N | 63.19 2.59 0.00 N | 60.70 2.68 0.00 N | 74.50 3.85 0.00 N | 73.90 3.49 0.00 N | 70.17 3.38 0.00 N | 69.89 3.79 0.00 N | 74.52 4.17 0.00 N | 77.81 3.43 0.00 N | 64.61 2.89 0.00 N | 60.84 1.83 0.00 N |

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| IP__TICONDEROGA 23804 | 50.20 3.19 0.00 N | 40.77 2.99 0.00 N | 33.81 2.31 0.00 N | -0.09 -0.09 0.00 N | -259.18 -15.51 0.00 N | -220.61 -12.86 0.00 N | -257.96 -15.06 0.00 N | 34.65 2.78 0.00 N | 35.11 2.53 0.00 N | 32.46 2.57 0.00 N | 46.51 3.97 0.00 N | 57.43 4.75 0.00 N | 50.14 3.36 0.00 N | 57.27 3.06 0.00 N | 64.95 4.35 0.00 N | 62.93 4.90 0.00 N | 77.57 6.92 0.00 N | 76.77 6.36 0.00 N | 72.84 6.05 0.00 N | 72.63 6.53 0.00 N | 77.46 7.12 0.00 N | 80.36 5.98 0.00 N | 67.47 5.74 0.00 N | 63.75 4.74 0.00 N |
| JARVIS____ 23743 | 47.15 0.14 0.00 N | 37.90 0.11 0.00 N | 31.58 0.08 0.00 N | -0.01 -0.01 0.00 N | -244.14 -0.47 0.00 N | -208.08 -0.33 0.00 N | -243.44 -0.54 0.00 N | 32.02 0.15 0.00 N | 32.74 0.16 0.00 N | 30.10 0.21 0.00 N | 42.86 0.32 0.00 N | 53.15 0.47 0.00 N | 47.15 0.38 0.00 N | 54.59 0.38 0.00 N | 61.05 0.45 0.00 N | 58.49 0.46 0.00 N | 71.21 0.57 0.00 N | 70.98 0.56 0.00 N | 67.32 0.54 0.00 N | 66.69 0.59 0.00 N | 70.98 0.63 0.00 N | 74.97 0.59 0.00 N | 62.16 0.44 0.00 N | 59.37 0.35 0.00 N |
| JENNISON____1 23625 | 47.19 0.18 0.00 N | 37.81 0.03 0.00 N | 31.44 -0.06 0.00 N | 0.05 0.05 0.00 N | -243.32 0.35 0.00 N | -207.48 0.26 0.00 N | -244.81 -1.92 0.00 N | 32.26 0.40 0.00 N | 33.04 0.46 0.00 N | 30.62 0.72 0.00 N | 43.70 1.17 0.00 N | 54.63 1.95 0.00 N | 48.71 1.94 0.00 N | 56.63 2.42 0.00 N | 63.08 2.48 0.00 N | 60.48 2.46 0.00 N | 73.37 2.72 0.00 N | 73.35 2.94 0.00 N | 69.36 2.57 0.00 N | 68.58 2.48 0.00 N | 72.96 2.62 0.00 N | 77.23 2.85 0.00 N | 63.35 1.63 0.00 N | 60.19 1.18 0.00 N |
| JENNISON____2 23626 | 47.15 0.13 0.00 N | 37.77 -0.01 0.00 N | 31.41 -0.08 0.00 N | 0.03 0.03 0.00 N | -243.14 0.53 0.00 N | -207.34 0.41 0.00 N | -244.59 -1.70 0.00 N | 32.23 0.37 0.00 N | 33.00 0.42 0.00 N | 30.58 0.68 0.00 N | 43.65 1.12 0.00 N | 54.56 1.88 0.00 N | 48.65 1.88 0.00 N | 56.55 2.34 0.00 N | 62.99 2.39 0.00 N | 60.39 2.37 0.00 N | 73.27 2.62 0.00 N | 73.23 2.81 0.00 N | 69.25 2.46 0.00 N | 68.47 2.48 0.00 N | 72.86 2.51 0.00 N | 77.11 2.73 0.00 N | 63.26 1.54 0.00 N | 60.12 1.11 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 98.60 3.83 -47.76 N | 99.13 3.20 -58.14 N | 55.90 2.58 -21.83 N | 6.25 0.04 -6.21 N | -274.29 -17.86 12.75 N | -227.84 -13.50 6.60 N | -263.61 -17.05 3.66 N | 54.62 2.74 -20.01 N | 105.09 2.44 -70.08 N | 93.13 2.28 -60.96 N | 73.47 3.75 -27.19 N | 84.03 5.20 -26.15 N | 84.02 3.90 -33.35 N | 103.16 4.18 -44.77 N | 179.94 4.42 -114.92 N | 258.72 3.20 -197.49 N | 105.95 5.31 -29.99 N | 87.93 5.98 -11.54 N | 101.12 6.32 -28.01 N | 80.83 6.68 -8.05 N | 103.88 6.86 -26.68 N | 88.82 6.37 -8.07 N | 79.64 5.48 -12.45 N | 85.15 4.92 -21.22 N |
| KEDC PORT_JEFF_GT3 24211 | 98.60 3.83 -47.76 N | 99.13 3.20 -58.14 N | 55.90 2.58 -21.83 N | 6.25 0.04 -6.21 N | -274.29 -17.86 12.75 N | -227.84 -13.50 6.60 N | -263.61 -17.05 3.66 N | 54.62 2.74 -20.01 N | 105.09 2.44 -70.08 N | 93.13 2.28 -60.96 N | 73.47 3.75 -27.19 N | 84.03 5.20 -26.15 N | 84.02 3.90 -33.35 N | 103.16 4.18 -44.77 N | 179.94 4.42 -114.92 N | 258.72 3.20 -197.49 N | 105.95 5.31 -29.99 N | 87.93 5.98 -11.54 N | 101.12 6.32 -28.01 N | 80.83 6.68 -8.05 N | 103.88 6.86 -26.68 N | 88.82 6.37 -8.07 N | 79.64 5.48 -12.45 N | 85.15 4.92 -21.22 N |
| KEDC_GLWD_GT4 24219 | 117.88 3.77 -67.09 N | 120.67 3.00 -79.88 N | 68.73 2.25 -34.99 N | 13.24 0.01 -13.23 N | -241.28 -15.52 -17.91 N | -210.35 -11.87 -9.27 N | -240.86 -14.68 -16.72 N | 62.61 2.43 -28.32 N | 138.65 2.51 -103.56 N | 130.86 2.59 -98.38 N | 82.97 3.87 -36.57 N | 94.61 5.21 -36.73 N | 104.70 4.11 -53.82 N | 131.29 4.83 -72.25 N | 256.85 5.73 -190.52 N | 399.72 5.56 -336.13 N | 128.60 6.98 -50.98 N | 98.38 6.85 -21.11 N | 118.83 6.65 -45.40 N | 85.53 6.95 -12.49 N | 120.56 7.05 -43.17 N | 98.13 6.94 -16.80 N | 101.62 6.10 -33.79 N | 140.94 5.14 -76.79 N |
| KEDC_GLWD_GT5 24220 | 117.88 3.77 -67.09 N | 120.67 3.00 -79.88 N | 68.73 2.25 -34.99 N | 13.24 0.01 -13.23 N | -241.28 -15.52 -17.91 N | -210.35 -11.87 -9.27 N | -240.86 -14.68 -16.72 N | 62.61 2.43 -28.32 N | 138.65 2.51 -103.56 N | 130.86 2.59 -98.38 N | 82.97 3.87 -36.57 N | 94.61 5.21 -36.73 N | 104.70 4.11 -53.82 N | 131.29 4.83 -72.25 N | 256.85 5.73 -190.52 N | 399.72 5.56 -336.13 N | 128.60 6.98 -50.98 N | 98.38 6.85 -21.11 N | 118.83 6.65 -45.40 N | 85.53 6.95 -12.49 N | 120.56 7.05 -43.17 N | 98.13 6.94 -16.80 N | 101.62 6.10 -33.79 N | 140.94 5.14 -76.79 N |
| KENSICO____ 23655 | 49.84 2.83 0.00 N | 40.03 2.25 0.00 N | 33.10 1.60 0.00 N | -0.04 -0.04 0.00 N | -254.88 -11.21 0.00 N | -216.08 -8.34 0.00 N | -253.13 -10.23 0.00 N | 33.69 1.82 0.00 N | 34.55 1.97 0.00 N | 32.13 2.23 0.00 N | 45.97 3.44 0.00 N | 57.32 4.64 0.00 N | 50.58 3.81 0.00 N | 58.73 4.52 0.00 N | 65.97 5.37 0.00 N | 63.23 5.20 0.00 N | 76.93 6.28 0.00 N | 76.72 6.31 0.00 N | 73.02 6.23 0.00 N | 72.36 6.26 0.00 N | 76.82 6.48 0.00 N | 80.79 6.41 0.00 N | 67.18 5.46 0.00 N | 63.43 4.42 0.00 N |
| KIAC_JFK_GT1 23816 | 94.64 3.54 -44.10 N | 40.67 2.84 -0.04 N | 33.73 1.98 -0.25 N | 0.10 -0.02 -0.12 N | -255.85 -12.18 0.00 N | -216.63 -8.89 0.00 N | -253.63 -10.74 0.00 N | 33.71 1.78 -0.06 N | 34.50 1.92 0.00 N | 32.20 2.30 0.00 N | 46.14 3.61 0.00 N | 57.69 5.01 0.00 N | 50.85 4.07 0.00 N | 59.08 4.87 0.00 N | 66.37 5.77 0.00 N | 63.55 5.53 0.00 N | 77.42 6.77 0.00 N | 77.12 6.70 0.00 N | 73.46 6.67 0.00 N | 72.82 6.72 0.00 N | 77.26 6.92 0.00 N | 81.23 6.85 0.00 N | 67.62 5.90 0.00 N | 63.93 4.92 0.00 N |
| KIAC_JFK_GT2 23817 | 94.64 3.54 -44.10 N | 40.67 2.84 -0.04 N | 33.73 1.98 -0.25 N | 0.10 -0.02 -0.12 N | -255.85 -12.18 0.00 N | -216.63 -8.89 0.00 N | -253.63 -10.74 0.00 N | 33.71 1.78 -0.06 N | 34.50 1.92 0.00 N | 32.20 2.30 0.00 N | 46.14 3.61 0.00 N | 57.69 5.01 0.00 N | 50.85 4.07 0.00 N | 59.08 4.87 0.00 N | 66.37 5.77 0.00 N | 63.55 5.53 0.00 N | 77.42 6.77 0.00 N | 77.12 6.70 0.00 N | 73.46 6.67 0.00 N | 72.82 6.72 0.00 N | 77.26 6.92 0.00 N | 81.23 6.85 0.00 N | 67.62 5.90 0.00 N | 63.93 4.92 0.00 N |
| KINTIGH____ 23543 | 44.86 -2.15 0.00 N | 35.91 -1.88 0.00 N | 29.72 -1.78 0.00 N | 0.01 0.01 0.00 N | -230.49 13.18 0.00 N | -196.85 10.90 0.00 N | -233.37 9.53 0.00 N | 30.66 -1.20 0.00 N | 31.41 -1.17 0.00 N | 28.74 -1.16 0.00 N | 41.18 -1.35 0.00 N | 51.75 -0.93 0.00 N | 46.49 -0.28 0.00 N | 54.22 0.01 0.00 N | 59.51 -1.09 0.00 N | 56.94 -1.09 0.00 N | 68.73 -1.92 0.00 N | 68.79 -1.63 0.00 N | 64.75 -2.05 0.00 N | 63.69 -2.40 0.00 N | 67.36 -2.99 0.00 N | 72.40 -1.98 0.00 N | 59.14 -2.58 0.00 N | 56.67 -2.34 0.00 N |
| LEDERLE____ 23769 | 50.55 3.53 0.00 N | 40.54 2.75 0.00 N | 33.52 2.02 0.00 N | 0.01 0.01 0.00 N | -256.89 -13.22 0.00 N | -218.68 -10.93 0.00 N | -256.44 -13.55 0.00 N | 34.18 2.31 0.00 N | 35.11 2.53 0.00 N | 32.68 2.78 0.00 N | 46.77 4.24 0.00 N | 58.39 5.71 0.00 N | 51.61 4.84 0.00 N | 60.06 5.86 0.00 N | 67.45 6.85 0.00 N | 64.68 6.65 0.00 N | 78.62 7.97 0.00 N | 78.40 7.99 0.00 N | 74.63 7.84 0.00 N | 73.87 7.77 0.00 N | 78.33 7.99 0.00 N | 82.39 8.01 0.00 N | 68.33 6.61 0.00 N | 64.45 5.44 0.00 N |
| LINDEN COGEN____ 23786 | 50.07 3.06 0.00 N | 40.26 2.43 -0.04 N | 33.48 1.73 -0.25 N | 0.11 0.00 -0.12 N | -254.98 -11.31 0.00 N | -216.34 -8.59 0.00 N | -253.36 -10.47 0.00 N | 33.77 1.85 -0.06 N | 34.60 2.02 0.00 N | 32.22 2.33 0.00 N | 46.08 3.55 0.00 N | 57.49 4.81 0.00 N | 50.70 3.92 0.00 N | 58.88 4.67 0.00 N | 66.12 5.52 0.00 N | 63.34 5.31 0.00 N | 77.01 6.36 0.00 N | 76.84 6.42 0.00 N | 73.16 6.37 0.00 N | 72.47 6.37 0.00 N | 76.94 6.59 0.00 N | 80.97 6.58 0.00 N | 67.37 5.64 0.00 N | 63.54 4.53 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 |
|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|---|
| LIPA_MISC_IPP 23656 | 98.45 3.68 -47.76 N | 99.05 3.13 -58.14 N | 55.72 2.52 -21.70 N | 6.18 0.04 -6.14 N | -273.90 -17.17 13.05 N | -227.71 -13.21 6.75 N | -263.42 -16.67 3.86 N | 54.54 2.72 -19.95 N | 105.06 2.43 -70.05 N | 93.19 2.33 -60.96 N | 73.73 4.01 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.26 -33.35 N | 103.65 4.66 -44.77 N | 180.37 4.84 -114.92 N | 259.28 3.68 -197.57 N | 106.52 5.73 -30.14 N | 88.23 6.30 -11.51 N | 101.55 6.74 -28.01 N | 81.20 7.06 -8.05 N | 104.28 7.25 -26.67 N | 89.20 6.79 -8.04 N | 79.72 5.66 -12.34 N | 84.81 4.92 -20.88 N | |
| LITTLE FALLS___HYD 24013 | 49.84 2.83 0.00 N | 40.25 2.46 0.00 N | 33.45 1.96 0.00 N | 0.07 0.07 0.00 N | -256.39 -12.71 0.00 N | -218.49 -10.75 0.00 N | -256.90 -14.00 0.00 N | 34.20 2.34 0.00 N | 34.98 2.40 0.00 N | 32.34 2.45 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.80 4.03 0.00 N | 58.26 4.05 0.00 N | 65.35 4.75 0.00 N | 62.94 4.91 0.00 N | 76.70 6.06 0.00 N | 76.49 6.08 0.00 N | 72.55 5.76 0.00 N | 72.20 6.10 0.00 N | 77.13 6.78 0.00 N | 80.64 6.26 0.00 N | 66.96 5.25 0.00 N | 63.45 4.43 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 46.46 -0.56 0.00 N | 37.26 -0.53 0.00 N | 30.97 -0.53 0.00 N | 0.02 0.02 0.00 N | -239.19 4.48 0.00 N | -203.91 3.84 0.00 N | -239.29 3.60 0.00 N | 31.45 -0.41 0.00 N | 32.16 -0.42 0.00 N | 29.57 -0.33 0.00 N | 42.16 -0.38 0.00 N | 52.45 -0.23 0.00 N | 46.82 0.04 0.00 N | 54.25 0.05 0.00 N | 60.46 -0.14 0.00 N | 57.94 -0.09 0.00 N | 70.39 -0.25 0.00 N | 70.22 -0.20 0.00 N | 66.51 -0.28 0.00 N | 65.73 -0.37 0.00 N | 69.87 -0.48 0.00 N | 74.06 -0.32 0.00 N | 61.27 -0.45 0.00 N | 58.71 -0.30 0.00 N | |
| LOVETT___3 23632 | 48.76 1.75 0.00 N | 39.15 1.37 0.00 N | 32.41 0.91 0.00 N | 0.00 0.00 0.00 N | -248.67 -4.99 0.00 N | -211.64 -3.90 0.00 N | -247.95 -5.06 0.00 N | 33.01 1.15 0.00 N | 33.86 1.28 0.00 N | 31.49 1.60 0.00 N | 44.99 2.45 0.00 N | 55.97 3.29 0.00 N | 49.38 2.61 0.00 N | 57.35 3.14 0.00 N | 64.37 3.77 0.00 N | 61.70 3.67 0.00 N | 75.01 4.36 0.00 N | 74.77 4.36 0.00 N | 71.29 4.50 0.00 N | 70.57 4.48 0.00 N | 74.86 4.52 0.00 N | 78.75 4.36 0.00 N | 65.51 3.79 0.00 N | 61.80 2.79 0.00 N | |
| LOVETT___4 23642 | 49.46 2.44 0.00 N | 39.68 1.90 0.00 N | 32.85 1.35 0.00 N | 0.00 0.00 0.00 N | -251.97 -8.30 0.00 N | -214.50 -6.75 0.00 N | -251.33 -8.44 0.00 N | 33.47 1.61 0.00 N | 34.35 1.77 0.00 N | 31.94 2.04 0.00 N | 45.64 3.11 0.00 N | 56.83 4.15 0.00 N | 50.18 3.41 0.00 N | 58.29 4.08 0.00 N | 65.42 4.82 0.00 N | 62.72 4.69 0.00 N | 76.25 5.61 0.00 N | 76.02 5.61 0.00 N | 72.43 5.63 0.00 N | 71.71 5.61 0.00 N | 76.05 5.70 0.00 N | 79.97 5.59 0.00 N | 66.50 4.78 0.00 N | 62.75 3.74 0.00 N | |
| LOVETT___5 23593 | 49.46 2.44 0.00 N | 39.68 1.90 0.00 N | 32.85 1.35 0.00 N | 0.00 0.00 0.00 N | -251.97 -8.30 0.00 N | -214.50 -6.75 0.00 N | -251.33 -8.44 0.00 N | 33.47 1.61 0.00 N | 34.35 1.77 0.00 N | 31.94 2.04 0.00 N | 45.64 3.11 0.00 N | 56.83 4.15 0.00 N | 50.18 3.41 0.00 N | 58.29 4.08 0.00 N | 65.42 4.82 0.00 N | 62.72 4.69 0.00 N | 76.25 5.61 0.00 N | 76.02 5.61 0.00 N | 72.43 5.63 0.00 N | 71.71 5.61 0.00 N | 76.05 5.70 0.00 N | 79.97 5.59 0.00 N | 66.50 4.78 0.00 N | 62.75 3.74 0.00 N | |
| LOWER RAQUET___HYD 24057 | 46.22 -0.79 0.00 N | 37.14 -0.64 0.00 N | 30.99 -0.51 0.00 N | 0.01 0.01 0.00 N | -240.33 3.34 0.00 N | -205.05 2.70 0.00 N | -238.38 4.52 0.00 N | 30.91 -0.96 0.00 N | 31.20 -1.38 0.00 N | 28.18 -1.71 0.00 N | 39.40 -3.13 0.00 N | 48.24 -4.44 0.00 N | 42.85 -3.93 0.00 N | 50.06 -4.15 0.00 N | 55.69 -4.91 0.00 N | 53.02 -5.01 0.00 N | 64.86 -5.79 0.00 N | 64.73 -5.69 0.00 N | 61.52 -5.27 0.00 N | 60.99 -5.11 0.00 N | 65.15 -5.20 0.00 N | 69.64 -4.74 0.00 N | 58.73 -2.99 0.00 N | 56.82 -2.19 0.00 N | |
| LOWER___HUDSON 24059 | 48.66 1.65 0.00 N | 39.27 1.48 0.00 N | 32.64 1.14 0.00 N | -0.04 -0.04 0.00 N | -251.30 -7.63 0.00 N | -213.87 -6.12 0.00 N | -250.33 -7.44 0.00 N | 33.29 1.42 0.00 N | 33.97 1.39 0.00 N | 31.26 1.36 0.00 N | 44.47 1.94 0.00 N | 55.09 2.41 0.00 N | 48.55 1.78 0.00 N | 55.86 1.66 0.00 N | 62.99 2.39 0.00 N | 60.56 2.53 0.00 N | 74.12 3.47 0.00 N | 73.63 3.21 0.00 N | 69.94 3.16 0.00 N | 69.46 3.36 0.00 N | 73.97 3.62 0.00 N | 77.42 3.05 0.00 N | 64.45 2.73 0.00 N | 60.87 1.86 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 46.37 -0.64 0.00 N | 37.21 -0.57 0.00 N | 30.96 -0.53 0.00 N | 0.00 0.00 0.00 N | -239.68 3.99 0.00 N | -204.27 3.47 0.00 N | -238.28 4.62 0.00 N | 31.05 -0.82 0.00 N | 31.55 -1.02 0.00 N | 28.74 -1.16 0.00 N | 40.50 -2.03 0.00 N | 49.93 -2.75 0.00 N | 44.47 -2.31 0.00 N | 51.71 -2.50 0.00 N | 57.62 -2.98 0.00 N | 55.02 -3.00 0.00 N | 67.17 -3.48 0.00 N | 67.02 -3.40 0.00 N | 63.62 -3.18 0.00 N | 62.98 -3.12 0.00 N | 67.18 -3.17 0.00 N | 71.57 -2.81 0.00 N | 59.83 -1.89 0.00 N | 57.50 -1.51 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 46.34 -0.67 0.00 N | 37.19 -0.59 0.00 N | 30.98 -0.52 0.00 N | -0.01 -0.01 0.00 N | -240.25 3.42 0.00 N | -205.66 2.08 0.00 N | -240.97 1.92 0.00 N | 31.68 -0.19 0.00 N | 32.40 -0.18 0.00 N | 29.74 -0.15 0.00 N | 42.30 -0.23 0.00 N | 52.36 -0.31 0.00 N | 46.43 -0.34 0.00 N | 53.74 -0.47 0.00 N | 59.99 -0.61 0.00 N | 57.44 -0.59 0.00 N | 70.02 -0.63 0.00 N | 69.78 -0.63 0.00 N | 66.32 -0.47 0.00 N | 65.65 -0.45 0.00 N | 69.92 -0.43 0.00 N | 73.99 -0.38 0.00 N | 61.17 -0.56 0.00 N | 58.32 -0.69 0.00 N | |
| MG INDUSTRY___DRP 24185 | 48.10 1.09 0.00 N | 38.75 0.97 0.00 N | 32.22 0.72 0.00 N | -0.03 -0.02 0.00 N | -248.12 -4.45 0.00 N | -211.06 -3.32 0.00 N | -246.58 -3.69 0.00 N | 32.61 0.75 0.00 N | 33.31 0.73 0.00 N | 30.70 0.81 0.00 N | 43.81 1.27 0.00 N | 54.38 1.69 0.00 N | 48.09 1.31 0.00 N | 55.57 1.36 0.00 N | 62.46 1.86 0.00 N | 59.89 1.86 0.00 N | 73.05 2.40 0.00 N | 72.72 2.31 0.00 N | 69.11 2.32 0.00 N | 68.56 2.46 0.00 N | 72.99 2.64 0.00 N | 76.75 2.37 0.00 N | 63.76 2.04 0.00 N | 60.44 1.43 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 46.37 -0.64 0.00 N | 37.21 -0.57 0.00 N | 30.96 -0.53 0.00 N | 0.00 0.00 0.00 N | -239.68 3.99 0.00 N | -204.27 3.47 0.00 N | -238.28 4.62 0.00 N | 31.05 -0.82 0.00 N | 31.55 -1.02 0.00 N | 28.74 -1.16 0.00 N | 40.50 -2.03 0.00 N | 49.93 -2.75 0.00 N | 44.47 -2.31 0.00 N | 51.71 -2.50 0.00 N | 57.62 -2.98 0.00 N | 55.02 -3.00 0.00 N | 67.17 -3.48 0.00 N | 67.02 -3.40 0.00 N | 63.62 -3.18 0.00 N | 62.98 -3.12 0.00 N | 67.18 -3.17 0.00 N | 71.57 -2.81 0.00 N | 59.83 -1.89 0.00 N | 57.50 -1.51 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 46.22 -0.79 0.00 N | 37.14 -0.64 0.00 N | 30.99 -0.51 0.00 N | 0.01 0.01 0.00 N | -240.33 3.34 0.00 N | -205.05 2.70 0.00 N | -238.38 4.52 0.00 N | 30.91 -0.96 0.00 N | 31.20 -1.38 0.00 N | 28.18 -1.71 0.00 N | 39.40 -3.13 0.00 N | 48.24 -4.44 0.00 N | 42.85 -3.93 0.00 N | 50.06 -4.15 0.00 N | 55.69 -4.91 0.00 N | 53.02 -5.01 0.00 N | 64.86 -5.79 0.00 N | 64.73 -5.69 0.00 N | 61.52 -5.27 0.00 N | 60.99 -5.11 0.00 N | 65.15 -5.20 0.00 N | 69.64 -4.74 0.00 N | 58.73 -2.99 0.00 N | 56.82 -2.19 0.00 N | |
| MILLIKEN___1 | 43.63 | 34.83 | 28.99 | -0.15 | -232.38 | -197.86 | -233.02 | 30.00 | 30.54 | 28.58 | 40.17 | 50.21 | 44.95 | 52.29 | 58.16 | 55.82 | 67.72 | 67.71 | 63.96 | 63.06 | 67.02 | 71.23 | 58.39 | 55.52 | |

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| 23584 | -3.38 0.00 N | -2.96 0.00 N | -2.51 0.00 N | -0.15 0.00 N | 11.29 0.00 N | 9.88 0.00 N | 9.87 0.00 N | -1.87 0.00 N | -2.04 0.00 N | -1.32 0.00 N | -2.37 0.00 N | -2.47 0.00 N | -1.83 0.00 N | -1.91 0.00 N | -2.44 0.00 N | -2.21 0.00 N | -2.93 0.00 N | -2.70 0.00 N | -2.83 0.00 N | -3.04 0.00 N | -3.33 0.00 N | -3.15 0.00 N | -3.33 0.00 N | -3.49 0.00 N |
| MILLIKEN___2 23585 | 43.63 -3.38 0.00 N | 34.83 -2.96 0.00 N | 28.99 -2.51 0.00 N | -0.15 0.00 N | -232.38 11.29 0.00 N | -197.86 9.88 0.00 N | -233.02 9.87 0.00 N | 30.00 -1.87 0.00 N | 30.54 -2.04 0.00 N | 28.58 -1.32 0.00 N | 40.17 -2.37 0.00 N | 50.21 -2.47 0.00 N | 44.95 -1.83 0.00 N | 52.29 -1.91 0.00 N | 58.16 -2.44 0.00 N | 55.82 -2.21 0.00 N | 67.72 -2.93 0.00 N | 67.71 -2.70 0.00 N | 63.96 -2.83 0.00 N | 63.06 -3.04 0.00 N | 67.02 -3.33 0.00 N | 71.23 -3.15 0.00 N | 58.39 -3.33 0.00 N | 55.52 -3.49 0.00 N |
| MILLIKEN___DIESEL 23629 | 43.63 -3.38 0.00 N | 34.83 -2.96 0.00 N | 28.99 -2.51 0.00 N | -0.15 0.00 N | -232.38 11.29 0.00 N | -197.86 9.88 0.00 N | -233.02 9.87 0.00 N | 30.00 -1.87 0.00 N | 30.54 -2.04 0.00 N | 28.58 -1.32 0.00 N | 40.17 -2.37 0.00 N | 50.21 -2.47 0.00 N | 44.95 -1.83 0.00 N | 52.29 -1.91 0.00 N | 58.16 -2.44 0.00 N | 55.82 -2.21 0.00 N | 67.72 -2.93 0.00 N | 67.71 -2.70 0.00 N | 63.96 -2.83 0.00 N | 63.06 -3.04 0.00 N | 67.02 -3.33 0.00 N | 71.23 -3.15 0.00 N | 58.39 -3.33 0.00 N | 55.52 -3.49 0.00 N |
| MODEL_CITY_ENERGY 24167 | 45.60 -1.41 0.00 N | 36.47 -1.31 0.00 N | 30.16 -1.34 0.00 N | 0.06 0.06 0.00 N | -233.26 10.41 0.00 N | -199.42 8.33 0.00 N | -237.22 5.67 0.00 N | 31.26 -0.61 0.00 N | 32.03 -0.55 0.00 N | 29.24 -0.66 0.00 N | 42.02 -0.51 0.00 N | 52.96 0.28 0.00 N | 47.66 0.89 0.00 N | 55.73 1.52 0.00 N | 60.91 0.31 0.00 N | 58.25 0.23 0.00 N | 70.17 -0.47 0.00 N | 70.32 -0.10 0.00 N | 66.07 -0.72 0.00 N | 64.97 -1.13 0.00 N | 68.63 -1.72 0.00 N | 74.05 -0.33 0.00 N | 60.26 -1.46 0.00 N | 57.80 -1.21 0.00 N |
| MODERN_LFGE___ 323580 | 45.60 -1.41 0.00 N | 36.47 -1.31 0.00 N | 30.16 -1.34 0.00 N | 0.06 0.06 0.00 N | -233.26 10.41 0.00 N | -199.42 8.33 0.00 N | -237.22 5.67 0.00 N | 31.26 -0.61 0.00 N | 32.03 -0.55 0.00 N | 29.24 -0.66 0.00 N | 42.02 -0.51 0.00 N | 52.96 0.28 0.00 N | 47.66 0.89 0.00 N | 55.73 1.52 0.00 N | 60.91 0.31 0.00 N | 58.25 0.23 0.00 N | 70.17 -0.47 0.00 N | 70.32 -0.10 0.00 N | 66.07 -0.72 0.00 N | 64.97 -1.13 0.00 N | 68.63 -1.72 0.00 N | 74.05 -0.33 0.00 N | 60.26 -1.46 0.00 N | 57.80 -1.21 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 48.81 1.80 0.00 N | 39.35 1.57 0.00 N | 32.71 1.22 0.00 N | -0.05 -0.05 0.00 N | -251.87 -8.20 0.00 N | -214.35 -6.61 0.00 N | -250.93 -8.04 0.00 N | 33.30 1.44 0.00 N | 34.03 1.45 0.00 N | 31.31 1.42 0.00 N | 44.54 2.01 0.00 N | 55.22 2.54 0.00 N | 48.80 2.02 0.00 N | 56.29 2.08 0.00 N | 63.38 2.78 0.00 N | 60.87 2.85 0.00 N | 74.39 3.74 0.00 N | 73.99 3.57 0.00 N | 70.26 3.47 0.00 N | 69.71 3.62 0.00 N | 74.25 3.90 0.00 N | 77.89 3.51 0.00 N | 64.70 2.98 0.00 N | 61.18 2.17 0.00 N |
| MONGAUP___HYD 23641 | 50.03 3.01 0.00 N | 40.15 2.36 0.00 N | 33.23 1.74 0.00 N | 0.01 0.01 0.00 N | -255.04 -11.37 0.00 N | -216.94 -9.20 0.00 N | -254.36 -11.47 0.00 N | 33.83 1.97 0.00 N | 34.75 2.17 0.00 N | 32.30 2.41 0.00 N | 46.25 3.72 0.00 N | 57.74 5.06 0.00 N | 51.13 4.35 0.00 N | 59.42 5.22 0.00 N | 66.72 6.12 0.00 N | 63.98 5.95 0.00 N | 77.83 7.18 0.00 N | 77.63 7.21 0.00 N | 73.77 6.97 0.00 N | 73.02 6.93 0.00 N | 77.56 7.21 0.00 N | 81.67 7.29 0.00 N | 67.64 5.92 0.00 N | 63.87 4.86 0.00 N |
| MONTAUK___DIESEL 23721 | 99.73 4.96 -47.76 N | 100.05 4.12 -58.14 N | 56.64 3.32 -21.83 N | 6.27 0.06 -6.21 N | -279.45 -23.02 12.75 N | -232.50 -18.16 6.60 N | -269.37 -22.82 3.66 N | 55.47 3.59 -20.01 N | 106.02 3.37 -70.08 N | 94.17 3.31 -60.96 N | 75.27 5.55 -27.19 N | 86.44 7.61 -26.15 N | 86.27 6.14 -33.35 N | 105.80 6.82 -44.77 N | 181.45 5.93 -114.92 N | 260.36 4.77 -197.56 N | 107.77 6.99 -30.13 N | 89.71 7.76 -11.54 N | 104.21 9.41 -28.01 N | 83.82 9.67 -8.05 N | 107.06 10.04 -26.68 N | 92.23 9.78 -8.07 N | 82.07 7.90 -12.45 N | 87.09 6.85 -21.22 N |
| N SALMON___HYD 24042 | 46.36 -0.65 0.00 N | 37.30 -0.49 0.00 N | 31.21 -0.29 0.00 N | 0.00 0.00 0.00 N | -242.59 1.08 0.00 N | -207.00 0.74 0.00 N | -240.76 2.14 0.00 N | 31.27 -0.59 0.00 N | 31.88 -0.70 0.00 N | 29.07 -0.82 0.00 N | 41.00 -1.54 0.00 N | 50.36 -2.32 0.00 N | 44.67 -2.11 0.00 N | 52.09 -2.12 0.00 N | 58.16 -2.44 0.00 N | 55.51 -2.52 0.00 N | 67.84 -2.80 0.00 N | 67.56 -2.85 0.00 N | 64.14 -2.65 0.00 N | 63.40 -2.70 0.00 N | 67.62 -2.72 0.00 N | 71.78 -2.60 0.00 N | 59.91 -1.81 0.00 N | 57.53 -1.48 0.00 N |
| N.E._GEN_SANDY PD 24062 | 40.00 1.58 2.16 N | 37.00 1.66 0.18 N | 32.75 1.25 0.00 N | -0.05 -0.05 0.00 N | -252.04 -8.36 0.00 N | -214.43 -6.68 0.00 N | 36.44 1.39 2.44 N | 33.37 1.50 0.00 N | 33.01 1.58 0.90 N | 31.43 1.53 0.00 N | 44.84 2.31 0.00 N | 55.59 2.92 0.00 N | 48.93 2.16 0.00 N | 56.43 2.22 0.00 N | 63.67 3.07 0.00 N | 61.24 3.21 0.00 N | 74.89 4.24 0.00 N | 74.42 4.01 0.00 N | 70.73 3.94 0.00 N | 70.22 4.13 0.00 N | 74.73 4.38 0.00 N | 70.50 3.53 1.22 N | 65.27 3.55 0.00 N | 61.72 2.71 0.00 N |
| NARROWS_GT1_1 24228 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_2 24229 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_3 24230 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_4 24231 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |

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| NARROWS_GT1_5 24232 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_6 24233 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_7 24234 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT1_8 24235 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_1 24236 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_2 24237 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_3 24238 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_4 24239 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_5 24240 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_6 24241 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_7 24242 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NARROWS_GT2_8 24243 | 168.98 3.29 -118.67 N | 49.06 2.61 -8.67 N | 33.62 1.89 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.45 -9.71 0.00 N | -254.58 -11.68 0.00 N | 33.95 2.03 -0.05 N | 34.80 2.22 0.00 N | 32.43 2.53 0.00 N | 161.80 3.85 -115.42 N | 174.17 5.14 -116.36 N | 174.44 4.21 -123.45 N | 177.84 5.02 -118.61 N | 186.37 5.90 -119.87 N | 182.83 5.65 -119.15 N | 175.51 6.70 -98.16 N | 183.68 6.77 -106.49 N | 189.23 6.70 -115.74 N | 191.57 6.68 -118.80 N | 191.59 6.91 -114.33 N | 191.54 6.95 -110.21 N | 215.98 5.97 -148.29 N | 189.31 4.88 -125.42 N |
| NEG CAPITAL___MECHNVIL 23645 | 48.86 1.85 0.00 N | 39.41 1.62 0.00 N | 32.74 1.24 0.00 N | -0.05 -0.05 0.00 N | -251.87 -8.20 0.00 N | -214.35 -6.60 0.00 N | -250.88 -7.99 0.00 N | 33.42 1.56 0.00 N | 34.14 1.56 0.00 N | 31.47 1.57 0.00 N | 44.83 2.30 0.00 N | 55.58 2.90 0.00 N | 48.98 2.21 0.00 N | 56.33 2.13 0.00 N | 63.47 2.87 0.00 N | 61.05 3.02 0.00 N | 74.73 4.08 0.00 N | 74.25 3.83 0.00 N | 70.50 3.71 0.00 N | 70.02 3.93 0.00 N | 74.59 4.24 0.00 N | 78.06 3.68 0.00 N | 64.90 3.18 0.00 N | 61.19 2.18 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 45.73 -1.28 0.00 N | 36.60 -1.19 0.00 N | 30.35 -1.15 0.00 N | 0.02 0.02 0.00 N | -234.98 8.69 0.00 N | -200.45 7.29 0.00 N | -236.47 6.42 0.00 N | 31.13 -0.73 0.00 N | 31.96 -0.62 0.00 N | 29.42 -0.48 0.00 N | 42.09 -0.44 0.00 N | 52.63 -0.05 0.00 N | 47.16 0.38 0.00 N | 54.84 0.64 0.00 N | 60.67 0.07 0.00 N | 58.10 0.07 0.00 N | 70.35 -0.30 0.00 N | 70.31 -0.11 0.00 N | 66.31 -0.48 0.00 N | 65.32 -0.78 0.00 N | 69.25 -1.09 0.00 N | 73.93 -0.45 0.00 N | 60.65 -1.07 0.00 N | 57.94 -1.07 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 | N |
|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|---|
| NEG CENTRAL___DRP 24199 | 45.65 -1.36 0.00 N | 36.52 -1.26 0.00 N | 30.37 -1.13 0.00 N | 0.03 0.03 0.00 N | -235.40 8.27 0.00 N | -200.85 6.90 0.00 N | -236.86 6.03 0.00 N | 31.18 -0.69 0.00 N | 31.92 -0.66 0.00 N | 29.43 -0.47 0.00 N | 41.91 -0.63 0.00 N | 52.29 -0.39 0.00 N | 46.77 0.00 0.00 N | 54.40 0.20 0.00 N | 60.30 -0.30 0.00 N | 57.80 -0.22 0.00 N | 70.06 -0.59 0.00 N | 70.00 -0.42 0.00 N | 66.12 -0.68 0.00 N | 65.26 -0.84 0.00 N | 69.30 -1.05 0.00 N | 73.63 -0.75 0.00 N | 60.52 -1.20 0.00 N | 57.80 -1.22 0.00 N | | |
| NEG CENTRAL___INDECK 23768 | 45.93 -1.08 0.00 N | 36.68 -1.11 0.00 N | 30.35 -1.15 0.00 N | 0.09 0.09 0.00 N | -233.92 9.75 0.00 N | -199.89 7.85 0.00 N | -237.49 5.40 0.00 N | 31.48 -0.38 0.00 N | 32.30 -0.28 0.00 N | 29.38 -0.51 0.00 N | 41.58 -0.95 0.00 N | 51.96 -0.72 0.00 N | 46.64 -0.13 0.00 N | 54.45 0.24 0.00 N | 59.93 -0.67 0.00 N | 57.36 -0.67 0.00 N | 69.25 -1.40 0.00 N | 69.33 -1.08 0.00 N | 65.26 -1.53 0.00 N | 64.26 -1.84 0.00 N | 68.13 -2.21 0.00 N | 72.93 -1.45 0.00 N | 59.67 -2.05 0.00 N | 56.86 -2.15 0.00 N | | |
| NEG CENTRAL___SENECA 23627 | 45.30 -1.71 0.00 N | 36.20 -1.59 0.00 N | 30.12 -1.38 0.00 N | 0.05 0.04 0.00 N | -233.66 10.01 0.00 N | -199.51 8.24 0.00 N | -235.92 6.97 0.00 N | 31.10 -0.77 0.00 N | 31.86 -0.72 0.00 N | 29.39 -0.51 0.00 N | 41.84 -0.69 0.00 N | 52.27 -0.41 0.00 N | 46.81 0.04 0.00 N | 54.51 0.30 0.00 N | 60.29 -0.31 0.00 N | 57.77 -0.25 0.00 N | 69.94 -0.70 0.00 N | 69.94 -0.48 0.00 N | 65.98 -0.81 0.00 N | 65.07 -1.03 0.00 N | 69.07 -1.28 0.00 N | 73.47 -0.90 0.00 N | 60.25 -1.48 0.00 N | 57.44 -1.57 0.00 N | | |
| NEG CENTRAL___STATE_STREET 24147 | 45.88 -1.13 0.00 N | 36.66 -1.13 0.00 N | 30.47 -1.02 0.00 N | -0.04 -0.04 0.00 N | -238.66 5.01 0.00 N | -202.98 4.76 0.00 N | -239.09 3.80 0.00 N | 31.20 -0.66 0.00 N | 31.95 -0.63 0.00 N | 29.69 -0.20 0.00 N | 42.06 -0.48 0.00 N | 52.54 -0.14 0.00 N | 47.02 0.25 0.00 N | 54.71 0.50 0.00 N | 60.78 0.18 0.00 N | 58.29 0.26 0.00 N | 70.70 0.05 0.00 N | 70.72 0.31 0.00 N | 66.79 0.00 0.00 N | 65.83 -0.27 0.00 N | 69.91 -0.44 0.00 N | 74.33 -0.05 0.00 N | 61.04 -0.69 0.00 N | 58.21 -0.80 0.00 N | | |
| NEG MILLWOOD___DRP 24198 | 50.02 3.01 0.00 N | 40.15 2.36 0.00 N | 33.21 1.71 0.00 N | -0.02 -0.02 0.00 N | -255.49 -11.82 0.00 N | -216.80 -9.05 0.00 N | -254.08 -11.19 0.00 N | 33.83 1.97 0.00 N | 34.76 2.18 0.00 N | 32.36 2.47 0.00 N | 46.34 3.81 0.00 N | 57.78 5.10 0.00 N | 51.05 4.28 0.00 N | 59.32 5.11 0.00 N | 66.66 6.06 0.00 N | 63.94 5.91 0.00 N | 77.83 7.18 0.00 N | 77.62 7.21 0.00 N | 73.82 7.03 0.00 N | 73.14 7.05 0.00 N | 77.68 7.33 0.00 N | 81.68 7.30 0.00 N | 67.73 6.01 0.00 N | 63.83 4.82 0.00 N | | |
| NEG NORTH_FLCN_SEA 23793 | 45.90 -1.11 0.00 N | 36.94 -0.84 0.00 N | 30.91 -0.59 0.00 N | -0.03 -0.03 0.00 N | -240.56 3.11 0.00 N | -205.51 2.23 0.00 N | -239.06 3.83 0.00 N | 31.10 -0.77 0.00 N | 31.68 -0.90 0.00 N | 29.10 -0.79 0.00 N | 41.06 -1.48 0.00 N | 50.48 -2.21 0.00 N | 44.68 -2.10 0.00 N | 52.04 -2.17 0.00 N | 58.34 -2.26 0.00 N | 55.78 -2.25 0.00 N | 68.22 -2.42 0.00 N | 67.84 -2.57 0.00 N | 64.42 -2.37 0.00 N | 63.65 -2.45 0.00 N | 67.88 -2.47 0.00 N | 71.75 -2.63 0.00 N | 59.87 -1.85 0.00 N | 57.19 -1.82 0.00 N | | |
| NEG NORTH_KES_CHATGAY 23792 | 46.24 -0.77 0.00 N | 37.20 -0.59 0.00 N | 31.13 -0.37 0.00 N | -0.01 -0.01 0.00 N | -242.23 1.45 0.00 N | -206.83 0.91 0.00 N | -240.54 2.35 0.00 N | 31.27 -0.60 0.00 N | 31.92 -0.66 0.00 N | 29.20 -0.69 0.00 N | 41.28 -1.25 0.00 N | 50.75 -1.93 0.00 N | 44.99 -1.79 0.00 N | 52.40 -1.81 0.00 N | 58.59 -2.01 0.00 N | 55.97 -2.05 0.00 N | 68.39 -2.26 0.00 N | 68.06 -2.35 0.00 N | 64.58 -2.21 0.00 N | 63.79 -2.31 0.00 N | 68.05 -2.30 0.00 N | 72.14 -2.24 0.00 N | 60.04 -1.69 0.00 N | 57.52 -1.49 0.00 N | | |
| NEG NORTH___ALICE_FALLS 23915 | 46.20 -0.81 0.00 N | 37.17 -0.62 0.00 N | 31.09 -0.41 0.00 N | -0.04 -0.04 0.00 N | -242.00 1.67 0.00 N | -206.72 1.03 0.00 N | -240.52 2.37 0.00 N | 31.29 -0.57 0.00 N | 31.90 -0.69 0.00 N | 29.29 -0.61 0.00 N | 41.34 -1.19 0.00 N | 50.84 -1.84 0.00 N | 45.02 -1.76 0.00 N | 52.46 -1.74 0.00 N | 58.77 -1.83 0.00 N | 56.22 -1.81 0.00 N | 68.76 -1.89 0.00 N | 68.43 -1.98 0.00 N | 64.99 -1.80 0.00 N | 64.23 -1.87 0.00 N | 68.53 -1.82 0.00 N | 72.55 -1.83 0.00 N | 60.47 -1.25 0.00 N | 57.79 -1.23 0.00 N | | |
| NEG NORTH___LWR_SARANAC 23913 | 46.20 -0.81 0.00 N | 37.17 -0.62 0.00 N | 31.09 -0.40 0.00 N | -0.04 -0.04 0.00 N | -242.00 1.67 0.00 N | -206.72 1.03 0.00 N | -240.52 2.37 0.00 N | 31.29 -0.57 0.00 N | 31.90 -0.69 0.00 N | 29.29 -0.61 0.00 N | 41.34 -1.19 0.00 N | 50.84 -1.84 0.00 N | 45.02 -1.76 0.00 N | 52.46 -1.74 0.00 N | 58.77 -1.83 0.00 N | 56.22 -1.81 0.00 N | 68.76 -1.89 0.00 N | 68.43 -1.98 0.00 N | 64.99 -1.80 0.00 N | 64.23 -1.87 0.00 N | 68.53 -1.82 0.00 N | 72.54 -1.84 0.00 N | 60.47 -1.25 0.00 N | 57.79 -1.23 0.00 N | | |
| NEG NORTH___PLATTSBURG 23628 | 46.20 -0.81 0.00 N | 37.17 -0.62 0.00 N | 31.09 -0.41 0.00 N | -0.04 -0.04 0.00 N | -242.00 1.67 0.00 N | -206.72 1.03 0.00 N | -240.52 2.37 0.00 N | 31.29 -0.57 0.00 N | 31.90 -0.69 0.00 N | 29.29 -0.61 0.00 N | 41.34 -1.19 0.00 N | 50.84 -1.84 0.00 N | 45.02 -1.76 0.00 N | 52.46 -1.74 0.00 N | 58.77 -1.83 0.00 N | 56.22 -1.81 0.00 N | 68.76 -1.89 0.00 N | 68.43 -1.98 0.00 N | 64.99 -1.80 0.00 N | 64.23 -1.87 0.00 N | 68.53 -1.82 0.00 N | 72.55 -1.83 0.00 N | 60.47 -1.25 0.00 N | 57.79 -1.23 0.00 N | | |
| NEG WEST_LEA_LOCKPORT 23791 | 45.50 -1.51 0.00 N | 36.39 -1.40 0.00 N | 30.08 -1.42 0.00 N | 0.07 0.07 0.00 N | -232.64 11.03 0.00 N | -198.89 8.86 0.00 N | -236.63 6.26 0.00 N | 31.19 -0.67 0.00 N | 31.97 -0.61 0.00 N | 29.21 -0.69 0.00 N | 41.97 -0.56 0.00 N | 52.92 0.24 0.00 N | 47.63 0.86 0.00 N | 55.72 1.52 0.00 N | 60.92 0.32 0.00 N | 58.25 0.23 0.00 N | 70.17 -0.48 0.00 N | 70.32 -0.10 0.00 N | 66.07 -0.72 0.00 N | 64.95 -1.15 0.00 N | 68.62 -1.73 0.00 N | 74.02 -0.35 0.00 N | 60.21 -1.52 0.00 N | 57.74 -1.27 0.00 N | | |
| NEG WEST___LANCASTR 23811 | 44.13 -2.88 0.00 N | 35.33 -2.46 0.00 N | 29.26 -2.23 0.00 N | 0.16 0.16 0.00 N | -225.04 18.63 0.00 N | -192.87 14.87 0.00 N | -230.79 12.10 0.00 N | 30.63 -1.24 0.00 N | 31.26 -1.32 0.00 N | 28.72 -1.17 0.00 N | 41.29 -1.24 0.00 N | 52.23 -0.45 0.00 N | 46.93 0.15 0.00 N | 54.99 0.79 0.00 N | 60.27 -0.33 0.00 N | 57.74 -0.29 0.00 N | 69.46 -1.19 0.00 N | 69.73 -0.68 0.00 N | 65.46 -1.33 0.00 N | 64.48 -1.61 0.00 N | 68.23 -2.12 0.00 N | 72.99 -1.39 0.00 N | 59.16 -2.56 0.00 N | 56.66 -2.35 0.00 N | | |
| NEG_PENN_ALLEGHNY 23528 | 46.58 -0.43 0.00 N | 37.38 -0.40 0.00 N | 31.10 -0.40 0.00 N | 0.09 0.09 0.00 N | -239.15 4.53 0.00 N | -204.20 3.55 0.00 N | -241.25 1.64 0.00 N | 31.90 0.03 0.00 N | 32.61 0.02 0.00 N | 30.09 0.19 0.00 N | 43.00 0.47 0.00 N | 53.75 1.07 0.00 N | 47.92 1.15 0.00 N | 55.78 1.57 0.00 N | 62.05 1.45 0.00 N | 59.45 1.43 0.00 N | 72.07 1.42 0.00 N | 72.05 1.63 0.00 N | 68.09 1.30 0.00 N | 67.35 1.26 0.00 N | 71.63 1.28 0.00 N | 75.70 1.31 0.00 N | 62.19 0.47 0.00 N | 59.29 0.28 0.00 N | | |
| NEG___GEN_MONROE | 46.79 | 37.39 | 30.93 | 0.04 | -239.14 | -204.18 | -241.84 | 31.94 | 32.88 | 30.28 | 43.49 | 54.61 | 49.07 | 57.29 | 63.13 | 60.43 | 73.04 | 73.08 | 68.76 | 67.61 | 71.61 | 76.77 | 62.63 | 59.77 | | |

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| 24207 | -0.22 0.00 N | -0.40 0.00 N | -0.56 0.00 N | 0.04 0.00 N | 4.53 0.00 N | 3.57 0.00 N | 1.05 0.00 N | 0.07 0.00 N | 0.30 0.00 N | 0.39 0.00 N | 0.96 0.00 N | 1.92 0.00 N | 2.29 0.00 N | 3.08 0.00 N | 2.53 0.00 N | 2.40 0.00 N | 2.39 0.00 N | 2.66 0.00 N | 1.97 0.00 N | 1.51 0.00 N | 1.26 0.00 N | 2.39 0.00 N | 0.91 0.00 N | 0.76 0.00 N |
| NEPA____ENERGY 23901 | 41.90 -5.11 0.00 N | 33.64 -4.14 0.00 N | 27.96 -3.54 0.00 N | 0.27 0.27 0.00 N | -213.76 29.91 0.00 N | -183.69 24.05 0.00 N | -221.39 21.50 0.00 N | 29.54 -2.33 0.00 N | 29.98 -2.60 0.00 N | 27.69 -2.21 0.00 N | 39.77 -2.77 0.00 N | 50.42 -2.26 0.00 N | 45.23 -1.55 0.00 N | 53.14 -1.07 0.00 N | 58.38 -2.22 0.00 N | 56.06 -1.97 0.00 N | 67.25 -3.39 0.00 N | 67.73 -2.69 0.00 N | 63.52 -3.28 0.00 N | 62.61 -3.49 0.00 N | 66.40 -3.95 0.00 N | 70.38 -4.00 0.00 N | 56.83 -4.89 0.00 N | 54.47 -4.54 0.00 N |
| NEVERSINK____HYD 23608 | 48.41 1.40 0.00 N | 38.88 1.09 0.00 N | 32.24 0.74 0.00 N | 0.02 0.02 0.00 N | -247.77 -4.10 0.00 N | -210.88 -3.13 0.00 N | -247.17 -4.28 0.00 N | 32.75 0.88 0.00 N | 33.60 1.02 0.00 N | 31.15 1.26 0.00 N | 43.89 1.36 0.00 N | 54.64 1.96 0.00 N | 48.39 1.61 0.00 N | 56.18 1.98 0.00 N | 63.03 2.43 0.00 N | 60.39 2.36 0.00 N | 73.44 2.80 0.00 N | 73.26 2.84 0.00 N | 69.62 2.83 0.00 N | 68.94 2.84 0.00 N | 73.30 2.95 0.00 N | 78.02 3.64 0.00 N | 64.99 3.27 0.00 N | 61.57 2.56 0.00 N |
| NEWTON____FALLS_HYD 23847 | 46.37 -0.64 0.00 N | 37.21 -0.57 0.00 N | 30.96 -0.53 0.00 N | 0.00 0.00 0.00 N | -239.68 3.99 0.00 N | -204.27 3.47 0.00 N | -238.28 4.62 0.00 N | 31.05 -0.82 0.00 N | 31.55 -1.02 0.00 N | 28.74 -1.16 0.00 N | 40.50 -2.03 0.00 N | 49.93 -2.75 0.00 N | 44.47 -2.31 0.00 N | 51.71 -2.50 0.00 N | 57.62 -2.98 0.00 N | 55.02 -3.00 0.00 N | 67.17 -3.48 0.00 N | 67.02 -3.40 0.00 N | 63.62 -3.18 0.00 N | 62.98 -3.12 0.00 N | 67.18 -3.17 0.00 N | 71.57 -2.81 0.00 N | 59.83 -1.89 0.00 N | 57.50 -1.51 0.00 N |
| NIAGARA____ 23760 | 45.38 -1.63 0.00 N | 36.32 -1.47 0.00 N | 30.04 -1.46 0.00 N | 0.06 0.06 0.00 N | -232.41 11.26 0.00 N | -198.66 9.08 0.00 N | -236.22 6.68 0.00 N | 31.09 -0.77 0.00 N | 31.84 -0.74 0.00 N | 29.02 -0.87 0.00 N | 41.66 -0.87 0.00 N | 52.48 -0.20 0.00 N | 47.22 0.45 0.00 N | 55.16 0.96 0.00 N | 60.29 -0.31 0.00 N | 57.64 -0.39 0.00 N | 69.45 -1.20 0.00 N | 69.55 -0.87 0.00 N | 65.41 -1.39 0.00 N | 64.29 -1.80 0.00 N | 67.89 -2.46 0.00 N | 73.26 -1.12 0.00 N | 59.69 -2.03 0.00 N | 57.30 -1.71 0.00 N |
| NINE_MILE_1 23575 | 45.80 -1.21 0.00 N | 36.76 -1.02 0.00 N | 30.59 -0.91 0.00 N | 0.00 0.00 0.00 N | -236.47 7.21 0.00 N | -201.64 6.11 0.00 N | -236.41 6.48 0.00 N | 31.03 -0.84 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.41 -1.13 0.00 N | 51.42 -1.26 0.00 N | 45.85 -0.93 0.00 N | 53.10 -1.11 0.00 N | 59.18 -1.42 0.00 N | 56.70 -1.33 0.00 N | 68.88 -1.77 0.00 N | 68.70 -1.72 0.00 N | 65.09 -1.70 0.00 N | 64.35 -1.75 0.00 N | 68.41 -1.93 0.00 N | 72.48 -1.90 0.00 N | 60.06 -1.66 0.00 N | 57.66 -1.35 0.00 N |
| NINE_MILE_2 23744 | 45.80 -1.21 0.00 N | 36.78 -1.01 0.00 N | 30.59 -0.90 0.00 N | 0.00 0.00 0.00 N | -236.53 7.14 0.00 N | -201.72 6.02 0.00 N | -236.43 6.46 0.00 N | 31.03 -0.84 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.81 0.00 N | 41.41 -1.13 0.00 N | 51.42 -1.26 0.00 N | 45.85 -0.93 0.00 N | 53.10 -1.11 0.00 N | 59.18 -1.42 0.00 N | 56.70 -1.33 0.00 N | 68.89 -1.76 0.00 N | 68.70 -1.72 0.00 N | 65.09 -1.70 0.00 N | 64.35 -1.74 0.00 N | 68.42 -1.93 0.00 N | 72.48 -1.90 0.00 N | 60.08 -1.64 0.00 N | 57.68 -1.33 0.00 N |
| NM_CAPITAL____DRP 24208 | 48.55 1.54 0.00 N | 39.17 1.38 0.00 N | 32.58 1.08 0.00 N | -0.05 -0.05 0.00 N | -250.90 -7.23 0.00 N | -213.52 -5.78 0.00 N | -249.92 -7.03 0.00 N | 33.14 1.28 0.00 N | 33.84 1.25 0.00 N | 31.08 1.18 0.00 N | 44.14 1.61 0.00 N | 54.69 2.01 0.00 N | 48.31 1.53 0.00 N | 55.67 1.46 0.00 N | 62.68 2.08 0.00 N | 60.19 2.17 0.00 N | 73.54 2.89 0.00 N | 73.14 2.73 0.00 N | 69.48 2.68 0.00 N | 68.96 2.86 0.00 N | 73.44 3.09 0.00 N | 77.03 2.65 0.00 N | 64.06 2.34 0.00 N | 60.60 1.59 0.00 N |
| NM_CENTRAL____DRP 24181 | 46.58 -0.44 0.00 N | 37.34 -0.44 0.00 N | 31.05 -0.45 0.00 N | 0.01 0.01 0.00 N | -239.80 3.87 0.00 N | -204.46 3.28 0.00 N | -240.03 2.86 0.00 N | 31.54 -0.33 0.00 N | 32.23 -0.35 0.00 N | 29.66 -0.23 0.00 N | 42.32 -0.22 0.00 N | 52.69 0.01 0.00 N | 47.04 0.27 0.00 N | 54.56 0.35 0.00 N | 60.77 0.17 0.00 N | 58.24 0.21 0.00 N | 70.72 0.08 0.00 N | 70.58 0.17 0.00 N | 66.81 0.01 0.00 N | 66.01 -0.08 0.00 N | 70.16 -0.19 0.00 N | 74.36 -0.02 0.00 N | 61.43 -0.29 0.00 N | 58.83 -0.18 0.00 N |
| NM_FRONTIER____DRP 24179 | 45.79 -1.22 0.00 N | 36.63 -1.16 0.00 N | 30.28 -1.22 0.00 N | 0.05 0.05 0.00 N | -234.32 9.35 0.00 N | -200.25 7.50 0.00 N | -238.12 4.77 0.00 N | 31.37 -0.50 0.00 N | 32.13 -0.45 0.00 N | 29.31 -0.59 0.00 N | 42.10 -0.43 0.00 N | 53.07 0.39 0.00 N | 47.76 0.99 0.00 N | 55.82 1.61 0.00 N | 60.99 0.39 0.00 N | 58.31 0.28 0.00 N | 70.25 -0.40 0.00 N | 70.38 -0.03 0.00 N | 66.16 -0.63 0.00 N | 65.04 -1.06 0.00 N | 68.67 -1.68 0.00 N | 74.14 -0.24 0.00 N | 60.38 -1.34 0.00 N | 57.93 -1.08 0.00 N |
| NM_ST_REGIS____HYD 24053 | 46.33 -0.68 0.00 N | 37.23 -0.55 0.00 N | 31.09 -0.41 0.00 N | 0.00 0.00 0.00 N | -241.33 2.35 0.00 N | -205.95 1.80 0.00 N | -239.39 3.50 0.00 N | 31.05 -0.81 0.00 N | 31.43 -1.15 0.00 N | 28.45 -1.45 0.00 N | 39.84 -2.69 0.00 N | 48.82 -3.85 0.00 N | 43.35 -3.42 0.00 N | 50.62 -3.59 0.00 N | 56.38 -4.22 0.00 N | 53.70 -4.32 0.00 N | 65.67 -4.97 0.00 N | 65.50 -4.91 0.00 N | 62.23 -4.56 0.00 N | 61.65 -4.45 0.00 N | 65.84 -4.51 0.00 N | 70.26 -4.12 0.00 N | 59.11 -2.62 0.00 N | 57.07 -1.94 0.00 N |
| NORTHPORT____1 23551 | 97.85 3.51 -47.33 N | 98.38 2.95 -57.64 N | 55.15 2.34 -21.32 N | 5.96 0.02 -5.93 N | -273.90 -16.26 13.96 N | -227.35 -12.38 7.23 N | -262.93 -15.57 4.46 N | 54.11 2.52 -19.71 N | 104.19 2.33 -69.28 N | 92.20 2.18 -60.12 N | 73.26 3.74 -26.98 N | 83.74 5.15 -25.91 N | 83.50 3.83 -32.89 N | 102.55 4.19 -44.16 N | 178.64 4.62 -113.42 N | 256.83 3.65 -195.15 N | 106.07 5.53 -29.90 N | 87.62 5.92 -11.28 N | 100.48 6.07 -27.62 N | 80.49 6.45 -7.94 N | 103.23 6.58 -26.30 N | 88.20 6.00 -7.82 N | 78.67 5.17 -11.78 N | 82.94 4.55 -19.38 N |
| NORTHPORT____2 23552 | 97.85 3.51 -47.33 N | 98.38 2.95 -57.64 N | 55.15 2.34 -21.32 N | 5.96 0.02 -5.93 N | -273.90 -16.26 13.96 N | -227.35 -12.38 7.23 N | -262.93 -15.57 4.46 N | 54.11 2.52 -19.71 N | 104.19 2.33 -69.28 N | 92.20 2.18 -60.12 N | 73.26 3.74 -26.98 N | 83.74 5.15 -25.91 N | 83.50 3.83 -32.89 N | 102.55 4.19 -44.16 N | 178.64 4.62 -113.42 N | 256.83 3.65 -195.15 N | 106.07 5.53 -29.90 N | 87.62 5.92 -11.28 N | 100.48 6.07 -27.62 N | 80.49 6.45 -7.94 N | 103.23 6.58 -26.30 N | 88.20 6.00 -7.82 N | 78.67 5.17 -11.78 N | 82.94 4.55 -19.38 N |
| NORTHPORT____3 23553 | 97.99 3.65 -47.32 N | 98.42 3.01 -57.63 N | 54.84 2.40 -20.94 N | 5.73 0.00 -5.72 N | -275.33 -16.78 14.88 N | -228.24 -12.80 7.70 N | -263.98 -16.03 5.06 N | 53.94 2.55 -19.52 N | 104.19 2.41 -69.20 N | 92.26 2.25 -60.12 N | 73.46 3.94 -26.98 N | 83.91 5.31 -25.91 N | 83.62 3.95 -32.89 N | 102.70 4.34 -44.16 N | 179.05 4.79 -113.65 N | 253.01 4.06 -190.93 N | 96.71 5.97 -20.09 N | 87.92 6.28 -11.22 N | 100.78 6.38 -27.62 N | 80.85 6.83 -7.93 N | 103.58 6.94 -26.29 N | 88.43 6.32 -7.73 N | 78.65 5.47 -11.46 N | 82.16 4.80 -18.34 N |

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|--------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| NORTHPORT___4 23650 | 97.99 3.65 -47.32 N | 98.42 3.01 -57.63 N | 54.84 2.40 -20.94 N | 5.73 0.00 -5.72 N | -275.33 -16.78 14.88 N | -228.24 -12.80 7.70 N | -263.98 -16.03 5.06 N | 53.94 2.55 -19.52 N | 104.19 2.41 -69.20 N | 92.26 2.25 -60.12 N | 73.46 3.94 -26.98 N | 83.91 5.31 -25.91 N | 83.62 3.95 -32.89 N | 102.70 4.34 -44.16 N | 179.05 4.79 -113.65 N | 253.01 4.06 -190.93 N | 96.71 5.97 -20.09 N | 87.92 6.28 -11.22 N | 100.78 6.38 -27.62 N | 80.85 6.83 -7.93 N | 103.58 6.94 -26.29 N | 88.43 6.32 -7.73 N | 78.65 5.47 -11.46 N | 82.16 4.80 -18.34 N |
| NORTHPORT___IC 23718 | 97.85 3.51 -47.33 N | 98.38 2.95 -57.64 N | 55.15 2.34 -21.32 N | 5.96 0.02 -5.93 N | -273.90 -16.26 13.96 N | -227.35 -12.38 7.23 N | -262.93 -15.57 4.46 N | 54.11 2.52 -19.71 N | 104.19 2.33 -69.28 N | 92.20 2.18 -60.12 N | 73.26 3.74 -26.98 N | 83.74 5.15 -25.91 N | 83.50 3.83 -32.89 N | 102.55 4.19 -44.16 N | 178.64 4.62 -113.42 N | 256.83 3.65 -195.15 N | 106.07 5.53 -29.90 N | 87.62 5.92 -11.28 N | 100.48 6.07 -27.62 N | 80.49 6.45 -7.94 N | 103.23 6.58 -26.30 N | 88.20 6.00 -7.82 N | 78.67 5.17 -11.78 N | 82.94 4.55 -19.38 N |
| NPX_GEN_CSC 323557 | 79.42 2.57 -36.28 N | 77.57 2.89 -39.15 N | 55.64 2.44 -21.70 N | 6.19 0.05 -6.14 N | -273.11 -12.70 13.05 N | -227.19 -12.70 6.75 N | 54.67 2.84 -14.34 N | 54.45 2.64 -19.95 N | 76.63 2.83 -41.48 N | 93.05 2.19 -60.96 N | 73.53 3.80 -27.19 N | 84.15 5.31 -26.15 N | 84.16 4.03 -33.35 N | 103.37 4.39 -44.77 N | 179.98 4.46 -114.92 N | 258.90 3.31 -197.56 N | 106.08 5.30 -30.13 N | 87.82 5.89 -11.51 N | 101.27 6.46 -28.01 N | 80.91 6.77 -8.05 N | 103.95 6.92 -26.67 N | 80.64 6.98 -5.46 N | 79.44 5.38 -12.34 N | 84.55 4.66 -20.88 N |
| NSINS_S_GLNS_FALLS 23858 | 49.14 2.13 0.00 N | 39.68 1.90 0.00 N | 32.96 1.46 0.00 N | -0.04 -0.04 0.00 N | -252.99 -9.31 0.00 N | -215.40 -7.65 0.00 N | -252.27 -9.38 0.00 N | 33.72 1.85 0.00 N | 34.43 1.85 0.00 N | 31.82 1.92 0.00 N | 45.44 2.91 0.00 N | 56.30 3.62 0.00 N | 49.48 2.71 0.00 N | 56.59 2.38 0.00 N | 63.35 2.75 0.00 N | 60.89 2.87 0.00 N | 74.71 4.07 0.00 N | 74.12 3.70 0.00 N | 70.37 3.58 0.00 N | 70.07 3.98 0.00 N | 74.70 4.35 0.00 N | 77.99 3.61 0.00 N | 64.83 3.10 0.00 N | 61.07 2.06 0.00 N |
| NUCOR_STEEL___DRP 24197 | 45.88 -1.13 0.00 N | 36.66 -1.13 0.00 N | 30.47 -1.02 0.00 N | -0.04 -0.04 0.00 N | -238.66 5.01 0.00 N | -202.98 4.76 0.00 N | -239.09 3.80 0.00 N | 31.20 -0.66 0.00 N | 31.95 -0.63 0.00 N | 29.69 -0.20 0.00 N | 42.06 -0.48 0.00 N | 52.54 -0.14 0.00 N | 47.02 0.25 0.00 N | 54.71 0.50 0.00 N | 60.78 0.18 0.00 N | 58.29 0.26 0.00 N | 70.70 0.05 0.00 N | 70.72 0.31 0.00 N | 66.79 0.00 0.00 N | 65.83 -0.27 0.00 N | 69.91 -0.44 0.00 N | 74.33 -0.05 0.00 N | 61.04 -0.69 0.00 N | 58.21 -0.80 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 47.01 0.00 0.00 N | 37.78 0.00 0.00 N | 31.50 0.00 0.00 N | 0.00 0.00 0.00 N | -243.67 0.00 0.00 N | -207.74 0.00 0.00 N | -242.89 0.00 0.00 N | 31.87 0.00 0.00 N | 32.58 0.00 0.00 N | 29.89 0.00 0.00 N | 42.53 0.00 0.00 N | 52.68 0.00 0.00 N | 46.78 0.00 0.00 N | 54.20 0.00 0.00 N | 60.60 0.00 0.00 N | 58.03 0.00 0.00 N | 70.65 0.00 0.00 N | 70.42 0.00 0.00 N | 66.79 0.00 0.00 N | 66.10 0.00 0.00 N | 70.35 0.00 0.00 N | 74.38 0.00 0.00 N | 61.72 0.00 0.00 N | 59.01 0.00 0.00 N |
| NYPA_BRENTWD___GT 24164 | 99.26 4.05 -48.20 N | 99.77 3.35 -58.64 N | 56.48 2.64 -22.34 N | 6.53 0.04 -6.49 N | -273.70 -18.49 11.54 N | -227.92 -14.21 5.97 N | -263.58 -17.82 2.86 N | 55.05 2.87 -20.31 N | 106.15 2.70 -70.87 N | 94.19 2.49 -61.80 N | 73.94 4.00 -27.40 N | 84.61 5.54 -26.39 N | 84.82 4.24 -33.81 N | 104.28 4.68 -45.39 N | 182.32 5.18 -116.54 N | 262.52 4.17 -200.32 N | 107.19 6.16 -30.38 N | 88.77 6.56 -11.79 N | 101.90 6.70 -28.41 N | 81.26 7.01 -8.15 N | 104.59 7.19 -27.05 N | 89.44 6.75 -8.32 N | 80.73 5.90 -13.11 N | 87.52 5.47 -23.07 N |
| NYPA_GOWANUS___GT5 24156 | 50.28 3.27 0.00 N | 40.41 2.58 -0.04 N | 33.61 1.88 -0.23 N | 0.09 -0.03 -0.11 N | -256.03 -12.36 0.00 N | -217.35 -9.61 0.00 N | -254.44 -11.55 0.00 N | 33.92 2.01 -0.05 N | 34.78 2.20 0.00 N | 32.41 2.52 0.00 N | 46.36 3.83 0.00 N | 57.77 5.09 0.00 N | 50.95 4.18 0.00 N | 59.19 4.99 0.00 N | 66.46 5.86 0.00 N | 63.62 5.60 0.00 N | 77.32 6.67 0.00 N | 77.14 6.72 0.00 N | 73.46 6.67 0.00 N | 72.72 6.63 0.00 N | 77.21 6.86 0.00 N | 81.28 6.90 0.00 N | 67.66 5.94 0.00 N | 63.86 4.85 0.00 N |
| NYPA_GOWANUS___GT6 24157 | 50.28 3.27 0.00 N | 40.41 2.58 -0.04 N | 33.61 1.88 -0.23 N | 0.09 -0.03 -0.11 N | -256.03 -12.36 0.00 N | -217.35 -9.61 0.00 N | -254.44 -11.55 0.00 N | 33.92 2.01 -0.05 N | 34.78 2.20 0.00 N | 32.41 2.52 0.00 N | 46.36 3.83 0.00 N | 57.77 5.09 0.00 N | 50.95 4.18 0.00 N | 59.19 4.99 0.00 N | 66.46 5.86 0.00 N | 63.62 5.60 0.00 N | 77.32 6.67 0.00 N | 77.14 6.72 0.00 N | 73.46 6.67 0.00 N | 72.72 6.63 0.00 N | 77.21 6.86 0.00 N | 81.28 6.90 0.00 N | 67.66 5.94 0.00 N | 63.86 4.85 0.00 N |
| NYPA_HARLEM___RVR_GT1 24160 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.03 -0.11 N | -256.05 -12.37 0.00 N | -217.45 -9.71 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.98 -0.05 N | 34.69 2.11 0.00 N | 32.31 2.41 0.00 N | 46.22 3.68 0.00 N | 57.53 4.86 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.19 5.59 0.00 N | 63.44 5.42 0.00 N | 77.02 6.37 0.00 N | 76.79 6.37 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.90 6.53 0.00 N | 67.48 5.76 0.00 N | 63.67 4.66 0.00 N |
| NYPA_HARLEM___RVR_GT2 24161 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.03 -0.11 N | -256.05 -12.37 0.00 N | -217.45 -9.71 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.98 -0.05 N | 34.69 2.11 0.00 N | 32.31 2.41 0.00 N | 46.22 3.68 0.00 N | 57.53 4.86 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.19 5.59 0.00 N | 63.44 5.42 0.00 N | 77.02 6.37 0.00 N | 76.79 6.37 0.00 N | 73.19 6.40 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.90 6.53 0.00 N | 67.48 5.76 0.00 N | 63.67 4.66 0.00 N |
| NYPA_KENT___GT 24152 | 50.29 3.28 0.00 N | 40.42 2.60 -0.04 N | 33.61 1.88 -0.23 N | 0.10 -0.02 -0.11 N | -256.18 -12.50 0.00 N | -217.44 -9.70 0.00 N | -254.63 -11.74 0.00 N | 33.94 2.02 -0.05 N | 34.78 2.20 0.00 N | 32.40 2.51 0.00 N | 46.35 3.82 0.00 N | 57.76 5.08 0.00 N | 50.92 4.14 0.00 N | 59.14 4.93 0.00 N | 66.41 5.81 0.00 N | 63.60 5.57 0.00 N | 77.27 6.62 0.00 N | 77.10 6.69 0.00 N | 73.41 6.62 0.00 N | 72.71 6.61 0.00 N | 77.17 6.82 0.00 N | 81.26 6.88 0.00 N | 67.67 5.94 0.00 N | 63.87 4.86 0.00 N |
| NYPA_POUCH1___GT 24155 | 168.86 3.19 -118.67 N | 48.94 2.48 -8.67 N | 33.52 1.79 -0.23 N | 0.09 -0.02 -0.11 N | -255.42 -11.75 0.00 N | -216.88 -9.13 0.00 N | -253.85 -10.96 0.00 N | 33.85 1.94 -0.05 N | 34.70 2.12 0.00 N | 32.33 2.43 0.00 N | 161.67 3.72 -115.42 N | 174.01 4.97 -116.36 N | 174.30 4.07 -123.45 N | 177.70 4.88 -118.61 N | 186.23 5.76 -119.87 N | 182.68 5.51 -119.15 N | 175.38 6.57 -98.16 N | 183.57 6.66 -106.49 N | 189.14 6.61 -115.74 N | 191.45 6.55 -118.80 N | 191.47 6.79 -114.33 N | 191.44 6.85 -110.21 N | 215.91 5.90 -148.29 N | 189.26 4.83 -125.42 N |
| NYPA_VERNON___GT2 24162 | 64.88 3.27 -14.60 N | 62.66 2.59 -22.28 N | 60.92 1.88 -27.54 N | 3.44 -0.02 -3.46 N | -256.20 -12.53 0.00 N | -217.40 -9.66 0.00 N | -254.62 -11.72 0.00 N | 33.92 2.01 -0.05 N | 34.77 2.19 0.00 N | 37.55 2.48 -5.17 N | 54.09 3.78 -7.78 N | 66.65 5.04 -8.93 N | 71.50 4.13 -20.59 N | 74.24 4.89 -15.14 N | 77.07 5.77 -10.70 N | 75.41 5.56 -11.82 N | 77.52 6.63 -0.24 N | 77.21 6.66 -0.14 N | 75.40 6.61 -2.00 N | 74.30 6.59 -1.61 N | 77.13 6.78 0.00 N | 82.17 6.83 -0.97 N | 79.14 5.91 -11.51 N | 85.84 4.83 -22.00 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 |
| NYPYA_VERNON____GT3 24163 | 64.88 3.27 -14.60 N | 62.66 2.59 -22.28 N | 60.92 1.88 -27.54 N | 3.44 -0.02 -3.46 N | -256.20 -12.53 0.00 N | -217.40 -9.66 0.00 N | -254.62 -11.72 0.00 N | 33.92 2.01 -0.05 N | 34.77 2.19 0.00 N | 37.55 2.48 -5.17 N | 54.09 3.78 -7.78 N | 66.65 5.04 -8.93 N | 71.50 4.13 -20.59 N | 74.24 4.89 -15.14 N | 77.07 5.77 -10.70 N | 75.41 5.56 -11.82 N | 77.52 6.63 -0.24 N | 77.21 6.66 -0.14 N | 75.40 6.61 -2.00 N | 74.30 6.59 -1.61 N | 77.13 6.78 0.00 N | 82.17 6.83 -0.97 N | 79.14 5.91 -11.51 N | 85.84 4.83 -22.00 N |
| NYPYA____ASTORIA_CC1 323568 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| NYPYA____ASTORIA_CC2 323569 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.87 1.86 -27.52 N | 3.43 -0.03 -3.45 N | -256.11 -12.44 0.00 N | -217.33 -9.59 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.99 -0.05 N | 34.74 2.16 0.00 N | 37.52 2.45 -5.17 N | 54.05 3.74 -7.77 N | 66.58 4.98 -8.92 N | 71.43 4.09 -20.57 N | 74.17 4.84 -15.12 N | 77.00 5.71 -10.69 N | 75.35 5.51 -11.81 N | 77.45 6.56 -0.24 N | 77.15 6.60 -0.14 N | 75.35 6.56 -2.00 N | 74.25 6.55 -1.61 N | 77.06 6.71 0.00 N | 82.08 6.74 -0.97 N | 79.06 5.85 -11.49 N | 85.75 4.77 -21.97 N |
| NYPYA____HOLTSVILL 23794 | 98.22 3.64 -47.56 N | 98.77 3.06 -57.92 N | 55.65 2.45 -21.70 N | 6.17 0.03 -6.14 N | -273.49 -16.77 13.05 N | -227.36 -12.86 6.75 N | -262.90 -16.14 3.86 N | 54.45 2.64 -19.95 N | 104.69 2.39 -69.73 N | 92.71 2.27 -60.54 N | 73.52 3.88 -27.10 N | 84.10 5.38 -26.04 N | 83.98 4.09 -33.12 N | 103.15 4.48 -44.46 N | 179.47 4.76 -114.11 N | 257.77 3.60 -196.15 N | 106.18 5.59 -29.95 N | 88.01 6.17 -11.43 N | 101.13 6.52 -27.82 N | 80.95 6.86 -8.00 N | 103.87 7.03 -26.49 N | 88.89 6.53 -7.98 N | 79.45 5.51 -12.22 N | 84.48 4.82 -20.65 N |
| NYPYA____HELLGATE_GT1 24158 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.03 -0.11 N | -256.05 -12.37 0.00 N | -217.45 -9.71 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.98 -0.05 N | 34.69 2.11 0.00 N | 32.31 2.41 0.00 N | 46.22 3.68 0.00 N | 57.53 4.86 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.19 5.59 0.00 N | 63.44 5.42 0.00 N | 76.96 6.32 0.00 N | 76.74 6.32 0.00 N | 73.15 6.36 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.67 4.66 0.00 N |
| NYPYA____HELLGATE_GT2 24159 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.57 1.84 -0.23 N | 0.08 -0.03 -0.11 N | -256.05 -12.37 0.00 N | -217.45 -9.71 0.00 N | -254.42 -11.53 0.00 N | 33.90 1.98 -0.05 N | 34.69 2.11 0.00 N | 32.31 2.41 0.00 N | 46.22 3.68 0.00 N | 57.53 4.86 0.00 N | 50.76 3.98 0.00 N | 58.93 4.72 0.00 N | 66.19 5.59 0.00 N | 63.44 5.42 0.00 N | 76.96 6.32 0.00 N | 76.74 6.32 0.00 N | 73.15 6.36 0.00 N | 72.48 6.38 0.00 N | 76.82 6.48 0.00 N | 80.84 6.45 0.00 N | 67.48 5.76 0.00 N | 63.67 4.66 0.00 N |
| NYS_BARGE____HYD 23848 | 45.65 -1.36 0.00 N | 36.51 -1.27 0.00 N | 30.18 -1.32 0.00 N | 0.06 0.06 0.00 N | -233.43 10.24 0.00 N | -199.53 8.21 0.00 N | -237.41 5.48 0.00 N | 31.30 -0.57 0.00 N | 32.08 -0.50 0.00 N | 29.32 -0.57 0.00 N | 42.13 -0.41 0.00 N | 53.12 0.44 0.00 N | 47.82 1.05 0.00 N | 55.95 1.74 0.00 N | 61.17 0.57 0.00 N | 58.51 0.48 0.00 N | 70.49 -0.16 0.00 N | 70.61 0.20 0.00 N | 66.34 -0.45 0.00 N | 65.22 -0.88 0.00 N | 68.92 -1.43 0.00 N | 74.32 -0.06 0.00 N | 60.46 -1.26 0.00 N | 57.96 -1.05 0.00 N |
| O.H_GEN_BRUCE 24063 | 36.57 -1.84 2.16 N | 33.63 -1.71 0.18 N | 30.02 -1.48 0.00 N | 0.05 0.05 0.00 N | -232.33 11.34 0.00 N | -198.57 9.18 0.00 N | 27.00 -1.62 8.87 N | 31.09 -0.78 0.00 N | 30.47 -0.96 0.90 N | 29.03 -0.87 0.00 N | 41.68 -0.86 0.00 N | 52.51 -0.17 0.00 N | 47.25 0.47 0.00 N | 55.20 1.00 0.00 N | 60.34 -0.26 0.00 N | 57.70 -0.33 0.00 N | 69.53 -1.12 0.00 N | 69.66 -0.76 0.00 N | 65.47 -1.32 0.00 N | 64.36 -1.74 0.00 N | 67.96 -2.39 0.00 N | 67.83 -0.08 0.27 N | 59.70 -2.02 0.00 N | 57.29 -1.72 0.00 N |
| OAK ORCHARD____HYD 24046 | 46.46 -0.55 0.00 N | 37.15 -0.64 0.00 N | 30.77 -0.73 0.00 N | 0.03 0.03 0.00 N | -237.95 5.72 0.00 N | -203.10 4.64 0.00 N | -240.07 2.82 0.00 N | 31.68 -0.18 0.00 N | 32.59 0.01 0.00 N | 30.02 0.13 0.00 N | 43.05 0.52 0.00 N | 53.91 1.23 0.00 N | 48.39 1.61 0.00 N | 56.33 2.13 0.00 N | 62.17 1.57 0.00 N | 59.53 1.50 0.00 N | 72.01 1.36 0.00 N | 72.00 1.59 0.00 N | 67.82 1.03 0.00 N | 66.72 0.62 0.00 N | 70.70 0.35 0.00 N | 75.65 1.27 0.00 N | 61.88 0.15 0.00 N | 59.05 0.04 0.00 N |
| OCC_CHEM____DRP 24175 | 45.81 -1.20 0.00 N | 36.65 -1.13 0.00 N | 30.29 -1.21 0.00 N | 0.06 0.06 0.00 N | -234.34 9.33 0.00 N | -200.32 7.42 0.00 N | -238.22 4.68 0.00 N | 31.38 -0.49 0.00 N | 32.14 -0.44 0.00 N | 29.33 -0.57 0.00 N | 42.14 -0.39 0.00 N | 53.12 0.44 0.00 N | 47.81 1.03 0.00 N | 55.86 1.65 0.00 N | 61.04 0.44 0.00 N | 58.36 0.33 0.00 N | 70.31 -0.34 0.00 N | 70.44 0.03 0.00 N | 66.21 -0.58 0.00 N | 65.09 -1.01 0.00 N | 68.73 -1.62 0.00 N | 74.21 -0.17 0.00 N | 60.42 -1.30 0.00 N | 57.97 -1.04 0.00 N |
| OLIN_CORP_DRP 24177 | 45.54 -1.47 0.00 N | 36.44 -1.35 0.00 N | 30.12 -1.38 0.00 N | 0.05 0.05 0.00 N | -233.00 10.67 0.00 N | -199.19 8.55 0.00 N | -236.94 5.95 0.00 N | 31.22 -0.64 0.00 N | 31.97 -0.61 0.00 N | 29.18 -0.72 0.00 N | 41.91 -0.63 0.00 N | 52.84 0.16 0.00 N | 47.55 0.77 0.00 N | 55.57 1.36 0.00 N | 60.74 0.14 0.00 N | 58.08 0.05 0.00 N | 69.96 -0.69 0.00 N | 70.11 -0.31 0.00 N | 65.88 -0.90 0.00 N | 64.78 -1.32 0.00 N | 68.41 -1.93 0.00 N | 73.83 -0.55 0.00 N | 60.09 -1.64 0.00 N | 57.66 -1.36 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 46.56 -0.45 0.00 N | 37.33 -0.46 0.00 N | 31.03 -0.47 0.00 N | 0.01 0.01 0.00 N | -240.06 3.61 0.00 N | -204.65 3.09 0.00 N | -240.14 2.75 0.00 N | 31.53 -0.34 0.00 N | 32.22 -0.35 0.00 N | 29.67 -0.22 0.00 N | 42.28 -0.25 0.00 N | 52.67 -0.01 0.00 N | 47.00 0.23 0.00 N | 54.54 0.33 0.00 N | 60.77 0.18 0.00 N | 58.25 0.22 0.00 N | 70.75 0.10 0.00 N | 70.59 0.17 0.00 N | 66.83 0.04 0.00 N | 66.03 -0.06 0.00 N | 70.21 -0.14 0.00 N | 74.39 0.01 0.00 N | 61.46 -0.26 0.00 N | 58.82 -0.19 0.00 N |
| ONONDAGA____COGEN 23986 | 46.59 -0.43 0.00 N | 37.34 -0.45 0.00 N | 31.04 -0.46 0.00 N | 0.00 0.00 0.00 N | -239.96 3.71 0.00 N | -204.54 3.20 0.00 N | -239.92 2.97 0.00 N | 31.47 -0.40 0.00 N | 32.15 -0.43 0.00 N | 29.55 -0.34 0.00 N | 42.11 -0.42 0.00 N | 52.41 -0.26 0.00 N | 46.78 0.01 0.00 N | 54.28 0.07 0.00 N | 60.48 -0.12 0.00 N | 57.98 -0.05 0.00 N | 70.41 -0.23 0.00 N | 70.25 -0.17 0.00 N | 66.50 -0.28 0.00 N | 65.70 -0.39 0.00 N | 69.87 -0.48 0.00 N | 74.07 -0.31 0.00 N | 61.22 -0.50 0.00 N | 58.63 -0.38 0.00 N |
| ONTARIO____LFGE | 45.30 | 36.20 | 30.12 | 0.05 | -233.66 | -199.51 | -235.92 | 31.10 | 31.86 | 29.39 | 41.84 | 52.27 | 46.81 | 54.51 | 60.29 | 57.77 | 69.94 | 69.94 | 65.98 | 65.07 | 69.07 | 73.47 | 60.25 | 57.44 |

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|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| 23819 | -1.71 0.00 N | -1.59 0.00 N | -1.38 0.00 N | 0.04 0.00 N | 10.01 0.00 N | 8.24 0.00 N | 6.97 0.00 N | -0.77 0.00 N | -0.72 0.00 N | -0.51 0.00 N | -0.69 0.00 N | -0.41 0.00 N | 0.04 0.00 N | 0.30 0.00 N | -0.31 0.00 N | -0.25 0.00 N | -0.70 0.00 N | -0.48 0.00 N | -0.81 0.00 N | -1.03 0.00 N | -1.28 0.00 N | -0.90 0.00 N | -1.48 0.00 N | -1.57 0.00 N |
| OSWEGATCHIE___HYD 24044 | 46.37 -0.64 0.00 N | 37.21 -0.57 0.00 N | 30.96 -0.53 0.00 N | 0.00 0.00 N | -239.68 3.99 0.00 N | -204.27 3.47 0.00 N | -238.28 4.62 0.00 N | 31.05 -0.82 0.00 N | 31.55 -1.02 0.00 N | 28.74 -1.16 0.00 N | 40.50 -2.03 0.00 N | 49.93 -2.75 0.00 N | 44.47 -2.31 0.00 N | 51.71 -2.50 0.00 N | 57.62 -2.98 0.00 N | 55.02 -3.00 0.00 N | 67.17 -3.48 0.00 N | 67.02 -3.40 0.00 N | 63.62 -3.18 0.00 N | 62.98 -3.12 0.00 N | 67.18 -3.17 0.00 N | 71.57 -2.81 0.00 N | 59.83 -1.89 0.00 N | 57.50 -1.51 0.00 N |
| OSWEGO___5 23606 | 46.07 -0.94 0.00 N | 36.98 -0.81 0.00 N | 30.76 -0.74 0.00 N | 0.01 0.01 N | -237.72 5.95 0.00 N | -202.76 4.98 0.00 N | -237.77 5.12 0.00 N | 31.21 -0.65 0.00 N | 31.90 -0.68 0.00 N | 29.29 -0.61 0.00 N | 41.72 -0.82 0.00 N | 51.82 -0.86 0.00 N | 46.19 -0.58 0.00 N | 53.56 -0.65 0.00 N | 59.68 -0.92 0.00 N | 57.19 -0.84 0.00 N | 69.47 -1.18 0.00 N | 69.30 -1.11 0.00 N | 65.63 -1.16 0.00 N | 64.88 -1.21 0.00 N | 68.98 -1.37 0.00 N | 73.08 -1.30 0.00 N | 60.53 -1.20 0.00 N | 58.05 -0.97 0.00 N |
| OSWEGO___6 23613 | 46.07 -0.94 0.00 N | 36.98 -0.81 0.00 N | 30.76 -0.74 0.00 N | 0.01 0.01 N | -237.72 5.95 0.00 N | -202.76 4.98 0.00 N | -237.77 5.12 0.00 N | 31.21 -0.65 0.00 N | 31.90 -0.68 0.00 N | 29.29 -0.61 0.00 N | 41.72 -0.82 0.00 N | 51.82 -0.86 0.00 N | 46.19 -0.58 0.00 N | 53.56 -0.65 0.00 N | 59.68 -0.92 0.00 N | 57.19 -0.84 0.00 N | 69.47 -1.18 0.00 N | 69.30 -1.11 0.00 N | 65.63 -1.16 0.00 N | 64.88 -1.21 0.00 N | 68.98 -1.37 0.00 N | 73.08 -1.30 0.00 N | 60.53 -1.20 0.00 N | 58.05 -0.97 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 46.03 -0.99 0.00 N | 36.83 -0.96 0.00 N | 30.45 -1.05 0.00 N | 0.06 0.06 N | -235.42 8.26 0.00 N | -201.27 6.47 0.00 N | -239.39 3.50 0.00 N | 31.56 -0.30 0.00 N | 32.34 -0.25 0.00 N | 29.58 -0.31 0.00 N | 42.51 -0.03 0.00 N | 53.60 0.92 0.00 N | 48.23 1.46 0.00 N | 56.41 2.20 0.00 N | 61.69 1.09 0.00 N | 59.01 0.98 0.00 N | 71.05 0.40 0.00 N | 71.20 0.79 0.00 N | 66.89 0.09 0.00 N | 65.79 -0.31 0.00 N | 69.52 -0.83 0.00 N | 74.93 0.55 0.00 N | 60.94 -0.78 0.00 N | 58.37 -0.64 0.00 N |
| OXBOW___ 24026 | 45.98 -1.03 0.00 N | 36.79 -1.00 0.00 N | 30.41 -1.09 0.00 N | 0.06 0.06 N | -235.19 8.48 0.00 N | -201.03 6.72 0.00 N | -239.08 3.81 0.00 N | 31.51 -0.36 0.00 N | 32.29 -0.29 0.00 N | 29.50 -0.39 0.00 N | 42.40 -0.14 0.00 N | 53.46 0.77 0.00 N | 48.11 1.34 0.00 N | 56.25 2.04 0.00 N | 61.48 0.88 0.00 N | 58.80 0.77 0.00 N | 70.83 0.19 0.00 N | 70.96 0.55 0.00 N | 66.68 -0.11 0.00 N | 65.58 -0.52 0.00 N | 69.27 -1.08 0.00 N | 74.72 0.34 0.00 N | 60.82 -0.91 0.00 N | 58.28 -0.73 0.00 N |
| PEEKSKILL___ 23653 | 49.58 2.57 0.00 N | 39.80 2.02 0.00 N | 32.91 1.41 0.00 N | 0.00 0.00 N | -252.22 -8.54 0.00 N | -215.06 -7.31 0.00 N | -251.91 -9.02 0.00 N | 33.53 1.67 0.00 N | 34.41 1.83 0.00 N | 31.99 2.09 0.00 N | 45.77 3.23 0.00 N | 57.07 4.39 0.00 N | 50.38 3.60 0.00 N | 58.51 4.30 0.00 N | 65.72 5.12 0.00 N | 63.01 4.98 0.00 N | 76.66 6.01 0.00 N | 76.45 6.03 0.00 N | 72.76 5.96 0.00 N | 72.09 6.00 0.00 N | 76.52 6.17 0.00 N | 80.47 6.09 0.00 N | 66.89 5.17 0.00 N | 63.15 4.13 0.00 N |
| PGE MADISON___WINDPWR 24146 | 46.89 -0.13 0.00 N | 37.48 -0.30 0.00 N | 31.15 -0.35 0.00 N | 0.00 0.00 N | -243.14 0.54 0.00 N | -207.27 0.47 0.00 N | -244.69 -1.79 0.00 N | 32.10 0.23 0.00 N | 32.88 0.30 0.00 N | 30.61 0.72 0.00 N | 43.59 1.06 0.00 N | 54.56 1.89 0.00 N | 48.77 1.99 0.00 N | 56.72 2.51 0.00 N | 63.13 2.53 0.00 N | 60.58 2.56 0.00 N | 73.49 2.84 0.00 N | 73.50 3.09 0.00 N | 69.44 2.64 0.00 N | 68.57 2.47 0.00 N | 72.94 2.59 0.00 N | 77.36 2.98 0.00 N | 63.24 1.51 0.00 N | 59.99 0.99 0.00 N |
| PIERCEFIELD___HYD 23852 | 46.22 -0.79 0.00 N | 37.14 -0.64 0.00 N | 30.99 -0.51 0.00 N | 0.01 0.01 N | -240.33 3.34 0.00 N | -205.05 2.70 0.00 N | -238.38 4.52 0.00 N | 30.91 -0.96 0.00 N | 31.20 -1.38 0.00 N | 28.18 -1.71 0.00 N | 39.40 -3.13 0.00 N | 48.24 -4.44 0.00 N | 42.85 -3.93 0.00 N | 50.06 -4.15 0.00 N | 55.69 -4.91 0.00 N | 53.02 -5.01 0.00 N | 64.86 -5.79 0.00 N | 64.73 -5.69 0.00 N | 61.52 -5.27 0.00 N | 60.99 -5.11 0.00 N | 65.15 -5.20 0.00 N | 69.64 -4.74 0.00 N | 58.73 -2.99 0.00 N | 56.82 -2.19 0.00 N |
| PINELAWN_CC_1 323563 | 101.51 3.88 -50.62 N | 102.32 3.12 -61.42 N | 59.43 2.41 -25.52 N | 8.24 0.02 -8.23 N | -264.33 -16.71 3.95 N | -222.44 -12.65 2.04 N | -256.66 -15.91 -2.14 N | 56.67 2.62 -22.18 N | 110.53 2.58 -75.37 N | 98.78 2.46 -66.43 N | 75.22 4.11 -28.57 N | 86.05 5.67 -27.70 N | 87.52 4.40 -36.34 N | 107.98 4.99 -48.79 N | 191.21 5.64 -124.97 N | 277.63 4.85 -214.75 N | 110.40 6.76 -32.99 N | 90.64 6.97 -13.26 N | 104.35 6.98 -30.57 N | 82.08 7.23 -8.75 N | 106.90 7.41 -29.14 N | 91.22 7.07 -9.77 N | 84.79 5.96 -17.10 N | 98.61 5.35 -34.25 N |
| PJM_GEN_KEystone 24065 | 33.27 -5.15 2.16 N | 30.73 -4.62 0.18 N | 28.23 -3.27 0.00 N | 0.24 0.24 0.00 N | -216.01 27.66 0.00 N | -185.40 22.34 0.00 N | 31.94 -3.12 2.44 N | 29.70 -2.17 0.00 N | 30.00 -1.43 0.90 N | 27.87 -2.03 0.00 N | 40.01 -2.52 0.00 N | 45.00 -1.04 -0.21 N | 45.33 -1.44 0.00 N | 53.21 -1.00 0.00 N | 58.58 -2.02 0.00 N | 56.25 -1.78 0.00 N | 67.62 -3.03 0.00 N | 68.01 -2.41 0.00 N | 63.84 -2.95 0.00 N | 63.03 -3.07 0.00 N | 66.87 -3.47 0.00 N | 65.00 -2.92 0.27 N | 52.72 -6.29 2.81 N | 52.00 -7.15 2.26 N |
| PLEASANTVLY___LBMP 24000 | 49.54 2.53 0.00 N | 39.84 2.06 0.00 N | 32.98 1.48 0.00 N | -0.03 -0.02 0.00 N | -253.50 -9.83 0.00 N | -215.28 -7.53 0.00 N | -252.12 -9.22 0.00 N | 33.52 1.65 0.00 N | 34.33 1.74 0.00 N | 31.87 1.97 0.00 N | 45.57 3.03 0.00 N | 56.72 4.04 0.00 N | 50.05 3.28 0.00 N | 58.02 3.82 0.00 N | 65.22 4.62 0.00 N | 62.55 4.52 0.00 N | 76.18 5.54 0.00 N | 75.93 5.52 0.00 N | 72.23 5.44 0.00 N | 71.60 5.51 0.00 N | 76.08 5.73 0.00 N | 79.96 5.58 0.00 N | 66.50 4.78 0.00 N | 62.84 3.83 0.00 N |
| POLETTI___ 23519 | 50.17 3.16 0.00 N | 40.34 2.51 -0.04 N | 33.55 1.80 -0.25 N | 0.11 0.00 -0.12 N | -255.57 -11.90 0.00 N | -216.77 -9.03 0.00 N | -253.84 -10.95 0.00 N | 33.84 1.92 -0.06 N | 34.66 2.08 0.00 N | 32.29 2.39 0.00 N | 46.18 3.65 0.00 N | 57.54 4.86 0.00 N | 50.79 4.01 0.00 N | 58.94 4.74 0.00 N | 66.21 5.61 0.00 N | 63.35 5.32 0.00 N | 77.06 6.41 0.00 N | 76.96 6.54 0.00 N | 73.25 6.46 0.00 N | 72.56 6.46 0.00 N | 77.04 6.69 0.00 N | 81.04 6.67 0.00 N | 67.49 5.77 0.00 N | 63.74 4.73 0.00 N |
| PORT_JEFF_3 23555 | 98.47 3.69 -47.76 N | 99.04 3.11 -58.14 N | 55.83 2.51 -21.83 N | 6.25 0.04 -6.21 N | -273.75 -17.32 12.75 N | -227.36 -13.02 6.60 N | -263.02 -16.46 3.66 N | 54.53 2.65 -20.01 N | 104.97 2.32 -70.08 N | 93.00 2.14 -60.96 N | 73.43 3.70 -27.19 N | 83.96 5.13 -26.15 N | 83.93 3.80 -33.35 N | 103.02 4.04 -44.77 N | 179.75 4.23 -114.92 N | 258.60 3.02 -197.55 N | 105.90 5.13 -30.12 N | 87.74 5.79 -11.54 N | 101.00 6.20 -28.01 N | 80.73 6.58 -8.05 N | 103.78 6.75 -26.68 N | 88.67 6.22 -8.07 N | 79.44 5.27 -12.45 N | 84.89 4.66 -21.22 N |

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|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| PORT_JEFF_4 23616 | 98.46 3.69 -47.76 N | 99.03 3.11 -58.14 N | 55.83 2.51 -21.83 N | 6.25 0.04 -6.21 N | -273.75 -17.32 12.75 N | -227.36 -13.02 6.60 N | -263.02 -16.46 3.66 N | 54.53 2.65 -20.01 N | 104.97 2.32 -70.08 N | 93.00 2.14 -60.96 N | 73.43 3.70 -27.19 N | 83.95 5.12 -26.15 N | 83.93 3.80 -33.35 N | 103.02 4.04 -44.77 N | 179.75 4.23 -114.92 N | 258.60 3.02 -197.55 N | 105.90 5.13 -30.12 N | 87.74 5.79 -11.54 N | 101.00 6.20 -28.01 N | 80.73 6.58 -8.05 N | 103.78 6.75 -26.68 N | 88.67 6.22 -8.07 N | 79.44 5.27 -12.45 N | 84.89 4.66 -21.22 N |
| PORT_JEFF_IC 23713 | 98.60 3.83 -47.76 N | 99.13 3.20 -58.14 N | 55.90 2.58 -21.83 N | 6.25 0.04 -6.21 N | -274.29 -17.86 12.75 N | -227.84 -13.50 6.60 N | -263.61 -17.05 3.66 N | 54.62 2.74 -20.01 N | 105.09 2.44 -70.08 N | 93.13 2.28 -60.96 N | 73.47 3.75 -27.19 N | 84.03 5.20 -26.15 N | 84.02 3.90 -33.35 N | 103.16 4.18 -44.77 N | 179.94 4.42 -114.92 N | 258.72 3.20 -197.49 N | 105.95 5.31 -29.99 N | 87.93 5.98 -11.54 N | 101.12 6.32 -28.01 N | 80.83 6.68 -8.05 N | 103.88 6.86 -26.68 N | 88.82 6.37 -8.07 N | 79.64 5.48 -12.45 N | 85.15 4.92 -21.22 N |
| PPL PILGRIM_ST_GT1 24216 | 99.26 4.05 -48.20 N | 99.77 3.35 -58.64 N | 56.48 2.64 -22.34 N | 6.53 0.04 -6.49 N | -273.70 -18.49 11.54 N | -227.92 -14.21 5.97 N | -263.58 -17.82 2.86 N | 55.05 2.87 -20.31 N | 106.15 2.70 -70.87 N | 94.19 2.49 -61.80 N | 73.94 4.00 -27.40 N | 84.61 5.54 -26.39 N | 84.82 4.24 -33.81 N | 104.28 4.68 -45.39 N | 182.32 5.18 -116.54 N | 262.52 4.17 -200.32 N | 107.19 6.16 -30.38 N | 88.77 6.56 -11.79 N | 101.90 6.70 -28.41 N | 81.26 7.01 -8.15 N | 104.59 7.19 -27.05 N | 89.44 6.75 -8.32 N | 80.73 5.90 -13.11 N | 87.52 5.44 -23.07 N |
| PPL PILGRIM_ST_GT2 24217 | 99.26 4.05 -48.20 N | 99.77 3.35 -58.64 N | 56.48 2.64 -22.34 N | 6.53 0.04 -6.49 N | -273.70 -18.49 11.54 N | -227.92 -14.21 5.97 N | -263.58 -17.82 2.86 N | 55.05 2.87 -20.31 N | 106.15 2.70 -70.87 N | 94.19 2.49 -61.80 N | 73.94 4.00 -27.40 N | 84.61 5.54 -26.39 N | 84.82 4.24 -33.81 N | 104.28 4.68 -45.39 N | 182.32 5.18 -116.54 N | 262.52 4.17 -200.32 N | 107.19 6.16 -30.38 N | 88.77 6.56 -11.79 N | 101.90 6.70 -28.41 N | 81.26 7.01 -8.15 N | 104.59 7.19 -27.05 N | 89.44 6.75 -8.32 N | 80.73 5.90 -13.11 N | 87.52 5.44 -23.07 N |
| PPL_SHRM_GT3 24213 | 98.40 3.63 -47.76 N | 99.05 3.13 -58.14 N | 55.86 2.54 -21.83 N | 6.26 0.05 -6.21 N | -273.47 -17.05 12.75 N | -227.66 -13.32 6.60 N | -263.35 -16.79 3.66 N | 54.62 2.74 -20.01 N | 105.04 2.38 -70.08 N | 93.16 2.30 -60.96 N | 73.72 4.00 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.27 -33.35 N | 103.58 4.60 -44.77 N | 179.50 3.98 -114.92 N | 258.40 2.83 -197.55 N | 105.50 4.75 -30.10 N | 87.42 5.47 -11.54 N | 101.59 6.79 -28.01 N | 81.23 7.08 -8.05 N | 104.29 7.26 -26.68 N | 89.26 6.82 -8.07 N | 79.81 5.64 -12.45 N | 85.11 4.87 -21.22 N |
| PPL_SHRM_GT4 24214 | 98.40 3.63 -47.76 N | 99.05 3.13 -58.14 N | 55.86 2.54 -21.83 N | 6.26 0.05 -6.21 N | -273.47 -17.05 12.75 N | -227.66 -13.32 6.60 N | -263.35 -16.79 3.66 N | 54.62 2.74 -20.01 N | 105.04 2.38 -70.08 N | 93.16 2.30 -60.96 N | 73.72 4.00 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.27 -33.35 N | 103.58 4.60 -44.77 N | 179.50 3.98 -114.92 N | 258.40 2.83 -197.55 N | 105.50 4.75 -30.10 N | 87.42 5.47 -11.54 N | 101.59 6.79 -28.01 N | 81.23 7.08 -8.05 N | 104.29 7.26 -26.68 N | 89.26 6.82 -8.07 N | 79.81 5.64 -12.45 N | 85.11 4.87 -21.22 N |
| PROJECT___ORANGE 1 24174 | 46.58 -0.44 0.00 N | 37.35 -0.44 0.00 N | 31.05 -0.45 0.00 N | 0.01 0.01 0.00 N | -239.80 3.87 0.00 N | -204.49 3.26 0.00 N | -240.09 2.80 0.00 N | 31.54 -0.33 0.00 N | 32.22 -0.36 0.00 N | 29.65 -0.24 0.00 N | 42.29 -0.24 0.00 N | 52.67 -0.01 0.00 N | 47.02 0.24 0.00 N | 54.54 0.34 0.00 N | 60.76 0.16 0.00 N | 58.23 0.20 0.00 N | 70.71 0.06 0.00 N | 70.56 0.15 0.00 N | 66.78 -0.01 0.00 N | 66.00 -0.09 0.00 N | 70.14 -0.21 0.00 N | 74.32 -0.06 0.00 N | 61.40 -0.32 0.00 N | 58.79 -0.22 0.00 N |
| PROJECT___ORANGE 2 24166 | 46.58 -0.44 0.00 N | 37.35 -0.44 0.00 N | 31.05 -0.45 0.00 N | 0.01 0.01 0.00 N | -239.80 3.87 0.00 N | -204.49 3.26 0.00 N | -240.09 2.80 0.00 N | 31.54 -0.33 0.00 N | 32.22 -0.36 0.00 N | 29.65 -0.24 0.00 N | 42.29 -0.24 0.00 N | 52.67 -0.01 0.00 N | 47.02 0.24 0.00 N | 54.54 0.34 0.00 N | 60.76 0.16 0.00 N | 58.23 0.20 0.00 N | 70.71 0.06 0.00 N | 70.56 0.15 0.00 N | 66.78 -0.01 0.00 N | 66.00 -0.09 0.00 N | 70.14 -0.21 0.00 N | 74.32 -0.06 0.00 N | 61.40 -0.32 0.00 N | 58.79 -0.22 0.00 N |
| PYRITES___HYD 24023 | 46.74 -0.27 0.00 N | 37.54 -0.25 0.00 N | 31.33 -0.16 0.00 N | 0.02 0.02 0.00 N | -243.06 0.62 0.00 N | -207.43 0.31 0.00 N | -241.24 1.66 0.00 N | 31.31 -0.55 0.00 N | 31.72 -0.86 0.00 N | 28.72 -1.17 0.00 N | 40.25 -2.29 0.00 N | 49.35 -3.33 0.00 N | 43.85 -2.92 0.00 N | 51.20 -3.01 0.00 N | 57.01 -3.60 0.00 N | 54.31 -3.72 0.00 N | 66.40 -4.25 0.00 N | 66.26 -4.16 0.00 N | 62.93 -3.86 0.00 N | 62.31 -3.78 0.00 N | 66.58 -3.77 0.00 N | 71.15 -3.23 0.00 N | 59.75 -1.97 0.00 N | 57.69 -1.32 0.00 N |
| RAMAPO___LBMP 323565 | 49.52 2.51 0.00 N | 39.75 1.97 0.00 N | 32.86 1.36 0.00 N | 0.02 0.02 0.00 N | -251.92 -8.24 0.00 N | -214.64 -6.90 0.00 N | -251.56 -8.67 0.00 N | 33.49 1.63 0.00 N | 34.36 1.78 0.00 N | 31.94 2.05 0.00 N | 45.67 3.14 0.00 N | 56.96 4.28 0.00 N | 50.30 3.53 0.00 N | 58.47 4.27 0.00 N | 65.68 5.08 0.00 N | 62.95 4.93 0.00 N | 76.55 5.91 0.00 N | 76.34 5.93 0.00 N | 72.69 5.90 0.00 N | 71.98 5.88 0.00 N | 76.37 6.02 0.00 N | 80.35 5.97 0.00 N | 66.76 5.04 0.00 N | 63.02 4.01 0.00 N |
| RANKINE____ 23646 | 45.32 -1.70 0.00 N | 36.26 -1.53 0.00 N | 29.99 -1.50 0.00 N | 0.07 0.07 0.00 N | -231.64 12.03 0.00 N | -198.18 9.56 0.00 N | -236.15 6.74 0.00 N | 31.17 -0.69 0.00 N | 31.91 -0.67 0.00 N | 29.21 -0.69 0.00 N | 41.95 -0.59 0.00 N | 52.91 0.23 0.00 N | 47.59 0.82 0.00 N | 55.67 1.46 0.00 N | 60.92 0.32 0.00 N | 58.29 0.26 0.00 N | 70.21 -0.44 0.00 N | 70.37 -0.05 0.00 N | 66.12 -0.67 0.00 N | 65.05 -1.04 0.00 N | 68.76 -1.59 0.00 N | 73.97 -0.40 0.00 N | 60.15 -1.57 0.00 N | 57.63 -1.38 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.56 1.83 -0.23 N | 0.11 0.00 -0.11 N | -255.81 -12.14 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.05 N | 34.70 2.12 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.19 6.54 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.07 6.72 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.56 1.83 -0.23 N | 0.11 0.00 -0.11 N | -255.81 -12.14 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.05 N | 34.70 2.12 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.19 6.54 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.07 6.72 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 50.25 3.24 0.00 N | 40.40 2.57 -0.04 N | 33.58 1.86 -0.23 N | 0.10 -0.01 -0.11 N | -255.99 -12.32 0.00 N | -217.13 -9.38 0.00 N | -254.33 -11.44 0.00 N | 33.90 1.98 -0.05 N | 34.73 2.15 0.00 N | 32.33 2.43 0.00 N | 46.26 3.73 0.00 N | 57.68 5.00 0.00 N | 50.87 4.09 0.00 N | 59.05 4.85 0.00 N | 66.32 5.72 0.00 N | 63.56 5.53 0.00 N | 77.29 6.65 0.00 N | 77.10 6.68 0.00 N | 73.38 6.59 0.00 N | 72.69 6.60 0.00 N | 77.18 6.83 0.00 N | 81.22 6.84 0.00 N | 67.60 5.88 0.00 N | 63.84 4.83 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 |
|---|------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|-------------------------------|--------------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|---|
| RAVENSWOOD_GT2_4 24247 | 50.25 3.24 0.00 N | 40.40 2.57 -0.04 N | 33.58 1.86 -0.23 N | 0.10 -0.01 -0.11 N | -255.99 -12.32 0.00 N | -217.13 -9.38 0.00 N | -254.33 -11.44 0.00 N | 33.90 1.98 -0.05 N | 34.73 2.15 0.00 N | 32.33 2.43 0.00 N | 46.26 3.73 0.00 N | 57.68 5.00 0.00 N | 50.87 4.09 0.00 N | 59.05 4.85 0.00 N | 66.32 5.72 0.00 N | 63.56 5.53 0.00 N | 77.29 6.65 0.00 N | 77.10 6.68 0.00 N | 73.38 6.59 0.00 N | 72.69 6.60 0.00 N | 77.18 6.83 0.00 N | 81.22 6.84 0.00 N | 67.60 5.88 0.00 N | 63.84 4.83 0.00 N | |
| RAVENSWOOD_GT3_1 24248 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.56 1.83 -0.23 N | 0.11 0.00 -0.11 N | -255.81 -12.14 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.05 N | 34.70 2.12 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.08 6.73 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT3_2 24249 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.56 1.83 -0.23 N | 0.11 0.00 -0.11 N | -255.81 -12.14 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.05 N | 34.70 2.12 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.08 6.73 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT3_3 24250 | 50.30 3.28 0.00 N | 40.42 2.60 -0.04 N | 33.60 1.88 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.28 -9.53 0.00 N | -254.43 -11.54 0.00 N | 33.91 2.00 -0.05 N | 34.75 2.17 0.00 N | 32.35 2.46 0.00 N | 46.29 3.76 0.00 N | 57.72 5.04 0.00 N | 50.91 4.14 0.00 N | 59.11 4.90 0.00 N | 66.38 5.77 0.00 N | 63.62 5.59 0.00 N | 77.36 6.71 0.00 N | 77.14 6.73 0.00 N | 73.44 6.65 0.00 N | 72.75 6.66 0.00 N | 77.23 6.89 0.00 N | 81.29 6.91 0.00 N | 67.66 5.94 0.00 N | 63.90 4.89 0.00 N | |
| RAVENSWOOD_GT3_4 24251 | 50.30 3.28 0.00 N | 40.42 2.60 -0.04 N | 33.60 1.88 -0.23 N | 0.09 -0.02 -0.11 N | -256.16 -12.48 0.00 N | -217.28 -9.53 0.00 N | -254.43 -11.54 0.00 N | 33.91 2.00 -0.05 N | 34.75 2.17 0.00 N | 32.35 2.46 0.00 N | 46.29 3.76 0.00 N | 57.72 5.04 0.00 N | 50.91 4.14 0.00 N | 59.11 4.90 0.00 N | 66.38 5.77 0.00 N | 63.62 5.59 0.00 N | 77.36 6.71 0.00 N | 77.14 6.73 0.00 N | 73.44 6.65 0.00 N | 72.75 6.66 0.00 N | 77.23 6.89 0.00 N | 81.29 6.91 0.00 N | 67.66 5.94 0.00 N | 63.90 4.89 0.00 N | |
| RAVENSWOOD_GT_1 23729 | 64.88 3.27 -14.60 N | 62.66 2.59 -22.28 N | 60.92 1.88 -27.54 N | 3.44 -0.02 -3.46 N | -256.20 -12.53 0.00 N | -217.40 -9.66 0.00 N | -254.62 -11.72 0.00 N | 33.92 2.01 -0.05 N | 34.77 2.19 0.00 N | 37.55 2.48 -5.17 N | 54.09 3.78 -7.78 N | 66.65 5.04 -8.93 N | 71.50 4.13 -20.59 N | 74.24 4.89 -15.14 N | 77.07 5.77 -10.70 N | 75.41 5.56 -11.82 N | 77.52 6.63 -0.24 N | 77.21 6.66 -0.14 N | 75.40 6.61 -2.00 N | 74.30 6.59 -1.61 N | 77.13 6.78 0.00 N | 82.17 6.83 -0.97 N | 79.14 5.91 -11.51 N | 85.84 4.83 -22.00 N | |
| RAVENSWOOD_GT_10 24258 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.55 1.83 -0.23 N | 0.11 -0.01 -0.11 N | -255.81 -12.14 0.00 N | -216.96 -9.21 0.00 N | -254.09 -11.19 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.09 6.74 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_11 24259 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.55 1.83 -0.23 N | 0.11 -0.01 -0.11 N | -255.81 -12.14 0.00 N | -216.96 -9.21 0.00 N | -254.09 -11.19 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.09 6.74 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_4 24252 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.55 1.82 -0.23 N | 0.11 -0.01 -0.11 N | -255.75 -12.08 0.00 N | -216.92 -9.17 0.00 N | -254.08 -11.18 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.29 2.40 0.00 N | 46.20 3.66 0.00 N | 57.60 4.92 0.00 N | 50.81 4.03 0.00 N | 58.97 4.77 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.28 6.49 0.00 N | 72.60 6.51 0.00 N | 77.09 6.74 0.00 N | 81.10 6.72 0.00 N | 67.51 5.79 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_5 24254 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.55 1.82 -0.23 N | 0.11 -0.01 -0.11 N | -255.75 -12.08 0.00 N | -216.92 -9.17 0.00 N | -254.08 -11.18 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.29 2.40 0.00 N | 46.20 3.66 0.00 N | 57.60 4.92 0.00 N | 50.81 4.03 0.00 N | 58.97 4.77 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.28 6.49 0.00 N | 72.60 6.51 0.00 N | 77.09 6.74 0.00 N | 81.10 6.72 0.00 N | 67.51 5.79 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_6 24253 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.55 1.82 -0.23 N | 0.11 -0.01 -0.11 N | -255.75 -12.08 0.00 N | -216.92 -9.17 0.00 N | -254.08 -11.18 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.29 2.40 0.00 N | 46.20 3.66 0.00 N | 57.60 4.92 0.00 N | 50.81 4.03 0.00 N | 58.97 4.77 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.28 6.49 0.00 N | 72.60 6.51 0.00 N | 77.09 6.74 0.00 N | 81.10 6.72 0.00 N | 67.51 5.79 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_7 24255 | 50.19 3.18 0.00 N | 40.35 2.53 -0.04 N | 33.55 1.82 -0.23 N | 0.11 -0.01 -0.11 N | -255.75 -12.08 0.00 N | -216.92 -9.17 0.00 N | -254.08 -11.18 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.29 2.40 0.00 N | 46.20 3.66 0.00 N | 57.60 4.92 0.00 N | 50.81 4.03 0.00 N | 58.97 4.77 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.28 6.49 0.00 N | 72.60 6.51 0.00 N | 77.09 6.74 0.00 N | 81.10 6.72 0.00 N | 67.51 5.79 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 50.21 3.20 0.00 N | 40.36 2.54 -0.04 N | 33.55 1.83 -0.23 N | 0.11 -0.01 -0.11 N | -255.81 -12.14 0.00 N | -216.96 -9.21 0.00 N | -254.09 -11.19 0.00 N | 33.87 1.95 -0.05 N | 34.69 2.11 0.00 N | 32.30 2.40 0.00 N | 46.21 3.68 0.00 N | 57.62 4.94 0.00 N | 50.81 4.04 0.00 N | 58.99 4.78 0.00 N | 66.25 5.65 0.00 N | 63.48 5.45 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.29 6.50 0.00 N | 72.61 6.51 0.00 N | 77.09 6.74 0.00 N | 81.11 6.73 0.00 N | 67.52 5.80 0.00 N | 63.77 4.76 0.00 N | |
| RAVENSWOOD_GT_9 | 50.21 | 40.36 | 33.55 | 0.11 | -255.81 | -216.96 | -254.09 | 33.87 | 34.69 | 32.30 | 46.21 | 57.62 | 50.81 | 58.99 | 66.25 | 63.48 | 77.20 | 76.99 | 73.29 | 72.61 | 77.09 | 81.11 | 67.52 | 63.77 | |

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| 24257 | 3.20 0.00 N | 2.54 -0.04 N | 1.83 -0.23 N | -0.01 -0.11 N | -12.14 0.00 N | -9.21 0.00 N | -11.19 0.00 N | 1.95 -0.05 N | 2.11 0.00 N | 2.40 0.00 N | 3.68 0.00 N | 4.94 0.00 N | 4.04 0.00 N | 4.78 0.00 N | 5.65 0.00 N | 5.45 0.00 N | 6.55 0.00 N | 6.58 0.00 N | 6.50 0.00 N | 6.51 0.00 N | 6.74 0.00 N | 6.73 0.00 N | 5.80 0.00 N | 4.76 0.00 N |
| RAVENSWOOD____1 23533 | 64.84 3.25 -14.58 N | 62.63 2.58 -22.26 N | 60.89 1.88 -27.52 N | 3.43 -0.02 -3.45 N | -256.16 -12.48 0.00 N | -217.35 -9.61 0.00 N | -254.48 -11.59 0.00 N | 33.92 2.00 -0.05 N | 34.76 2.18 0.00 N | 37.54 2.47 -5.17 N | 54.07 3.76 -7.77 N | 66.62 5.02 -8.92 N | 71.47 4.12 -20.57 N | 74.22 4.89 -15.12 N | 77.06 5.77 -10.69 N | 75.39 5.55 -11.81 N | 77.51 6.62 -0.24 N | 77.20 6.65 -0.14 N | 75.39 6.60 -2.00 N | 74.29 6.59 -1.61 N | 77.13 6.78 0.00 N | 82.15 6.80 -0.97 N | 79.12 5.90 -11.49 N | 85.81 4.83 -21.97 N |
| RAVENSWOOD____2 23534 | 64.84 3.25 -14.58 N | 62.62 2.57 -22.26 N | 60.89 1.87 -27.52 N | 3.43 -0.02 -3.45 N | -256.16 -12.48 0.00 N | -217.33 -9.59 0.00 N | -254.44 -11.55 0.00 N | 33.91 1.99 -0.05 N | 34.75 2.17 0.00 N | 37.52 2.46 -5.17 N | 54.06 3.76 -7.77 N | 66.61 5.01 -8.92 N | 71.45 4.10 -20.57 N | 74.20 4.87 -15.12 N | 77.05 5.76 -10.69 N | 75.39 5.55 -11.81 N | 77.51 6.62 -0.24 N | 77.20 6.65 -0.14 N | 75.38 6.59 -2.00 N | 74.29 6.58 -1.61 N | 77.13 6.78 0.00 N | 82.14 6.80 -0.97 N | 79.11 5.89 -11.49 N | 85.79 4.80 -21.97 N |
| RAVENSWOOD____3 23535 | 50.21 3.20 0.00 N | 40.37 2.54 -0.04 N | 33.56 1.83 -0.23 N | 0.11 0.00 -0.11 N | -255.83 -12.16 0.00 N | -216.98 -9.24 0.00 N | -254.11 -11.21 0.00 N | 33.87 1.95 -0.05 N | 34.70 2.12 0.00 N | 32.30 2.41 0.00 N | 46.22 3.69 0.00 N | 57.62 4.94 0.00 N | 50.82 4.05 0.00 N | 58.99 4.79 0.00 N | 66.25 5.65 0.00 N | 63.49 5.46 0.00 N | 77.20 6.55 0.00 N | 76.99 6.58 0.00 N | 73.31 6.51 0.00 N | 72.61 6.52 0.00 N | 77.09 6.74 0.00 N | 81.11 6.73 0.00 N | 67.53 5.81 0.00 N | 63.77 4.76 0.00 N |
| RAVENSWOOD____4 23820 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.88 1.87 -27.52 N | 3.43 -0.03 -3.45 N | -256.14 -12.46 0.00 N | -217.33 -9.59 0.00 N | -254.44 -11.55 0.00 N | 33.90 1.98 -0.05 N | 34.75 2.17 0.00 N | 37.52 2.46 -5.17 N | 54.06 3.76 -7.77 N | 66.61 5.01 -8.92 N | 71.45 4.10 -20.57 N | 74.19 4.86 -15.12 N | 77.05 5.75 -10.69 N | 75.38 5.54 -11.81 N | 77.51 6.62 -0.24 N | 77.20 6.65 -0.14 N | 75.37 6.58 -2.00 N | 74.29 6.58 -1.61 N | 77.13 6.78 0.00 N | 82.14 6.80 -0.97 N | 79.10 5.88 -11.49 N | 85.78 4.80 -21.97 N |
| RCPL_TRUST____DRP 24196 | 50.26 3.25 0.00 N | 40.41 2.58 -0.04 N | 33.61 1.86 -0.25 N | 0.10 -0.02 -0.12 N | -256.12 -12.45 0.00 N | -217.19 -9.44 0.00 N | -254.35 -11.46 0.00 N | 33.91 1.99 -0.06 N | 34.75 2.17 0.00 N | 32.35 2.45 0.00 N | 46.29 3.75 0.00 N | 57.74 5.06 0.00 N | 50.93 4.15 0.00 N | 59.12 4.92 0.00 N | 66.40 5.80 0.00 N | 63.62 5.60 0.00 N | 77.40 6.75 0.00 N | 77.20 6.79 0.00 N | 73.47 6.69 0.00 N | 72.78 6.68 0.00 N | 77.28 6.93 0.00 N | 81.30 6.92 0.00 N | 67.63 5.91 0.00 N | 63.84 4.84 0.00 N |
| RENSSELAER____COGEN 23796 | 48.48 1.46 0.00 N | 39.12 1.33 0.00 N | 32.53 1.03 0.00 N | -0.03 -0.03 0.00 N | -250.56 -6.88 0.00 N | -213.18 -5.44 0.00 N | -249.48 -6.58 0.00 N | 33.08 1.22 0.00 N | 33.76 1.18 0.00 N | 30.98 1.08 0.00 N | 43.96 1.42 0.00 N | 54.43 1.75 0.00 N | 48.09 1.31 0.00 N | 55.43 1.22 0.00 N | 62.38 1.78 0.00 N | 59.89 1.86 0.00 N | 73.16 2.51 0.00 N | 72.78 2.36 0.00 N | 69.14 2.35 0.00 N | 68.61 2.51 0.00 N | 73.06 2.72 0.00 N | 76.65 2.27 0.00 N | 63.76 2.04 0.00 N | 60.34 1.33 0.00 N |
| REVERE_CPPR_DRP 24186 | 47.76 0.75 0.00 N | 38.25 0.47 0.00 N | 31.78 0.29 0.00 N | 0.02 0.02 0.00 N | -245.56 -1.89 0.00 N | -209.32 -1.58 0.00 N | -245.22 -2.32 0.00 N | 32.33 0.46 0.00 N | 33.18 0.60 0.00 N | 30.63 0.74 0.00 N | 43.72 1.18 0.00 N | 54.42 1.74 0.00 N | 48.50 1.73 0.00 N | 56.23 2.02 0.00 N | 62.75 2.15 0.00 N | 60.16 2.14 0.00 N | 73.16 2.51 0.00 N | 73.02 2.60 0.00 N | 69.15 2.36 0.00 N | 68.38 2.29 0.00 N | 72.78 2.43 0.00 N | 77.09 2.71 0.00 N | 63.56 1.84 0.00 N | 60.54 1.53 0.00 N |
| ROCHESTER_9_IC 23652 | 47.13 0.12 0.00 N | 37.65 -0.14 0.00 N | 31.17 -0.33 0.00 N | 0.04 0.04 0.00 N | -240.86 2.81 0.00 N | -205.59 2.15 0.00 N | -243.05 -0.16 0.00 N | 32.12 0.25 0.00 N | 33.11 0.53 0.00 N | 30.57 0.68 0.00 N | 43.90 1.37 0.00 N | 55.04 2.36 0.00 N | 49.44 2.66 0.00 N | 57.56 3.36 0.00 N | 63.53 2.92 0.00 N | 60.83 2.80 0.00 N | 73.59 2.94 0.00 N | 73.59 3.17 0.00 N | 69.27 2.48 0.00 N | 68.13 2.04 0.00 N | 72.20 1.85 0.00 N | 77.24 2.87 0.00 N | 63.11 1.38 0.00 N | 60.12 1.11 0.00 N |
| ROSETON____1 23587 | 49.45 2.44 0.00 N | 39.74 1.96 0.00 N | 32.91 1.41 0.00 N | -0.02 -0.02 0.00 N | -252.97 -9.30 0.00 N | -214.86 -7.11 0.00 N | -251.59 -8.70 0.00 N | 33.43 1.56 0.00 N | 34.26 1.68 0.00 N | 31.79 1.89 0.00 N | 45.44 2.91 0.00 N | 56.60 3.92 0.00 N | 49.97 3.20 0.00 N | 57.96 3.76 0.00 N | 65.11 4.51 0.00 N | 62.43 4.40 0.00 N | 76.02 5.37 0.00 N | 75.77 5.36 0.00 N | 72.07 5.28 0.00 N | 71.45 5.35 0.00 N | 75.89 5.54 0.00 N | 79.80 5.42 0.00 N | 66.34 4.62 0.00 N | 62.70 3.70 0.00 N |
| ROSETON____2 23588 | 49.45 2.44 0.00 N | 39.74 1.96 0.00 N | 32.91 1.41 0.00 N | -0.02 -0.02 0.00 N | -252.97 -9.30 0.00 N | -214.86 -7.11 0.00 N | -251.59 -8.70 0.00 N | 33.43 1.56 0.00 N | 34.26 1.68 0.00 N | 31.79 1.89 0.00 N | 45.44 2.91 0.00 N | 56.60 3.92 0.00 N | 49.97 3.20 0.00 N | 57.96 3.76 0.00 N | 65.11 4.51 0.00 N | 62.43 4.40 0.00 N | 76.02 5.37 0.00 N | 75.77 5.36 0.00 N | 72.07 5.28 0.00 N | 71.45 5.35 0.00 N | 75.89 5.54 0.00 N | 79.80 5.42 0.00 N | 66.34 4.62 0.00 N | 62.70 3.70 0.00 N |
| RUSSELL____1 23602 | 46.49 -0.52 0.00 N | 37.15 -0.64 0.00 N | 30.88 -0.62 0.00 N | 0.02 0.02 0.00 N | -239.34 4.34 0.00 N | -204.43 3.32 0.00 N | -242.03 0.86 0.00 N | 32.07 0.20 0.00 N | 33.24 0.66 0.00 N | 30.89 1.00 0.00 N | 44.24 1.71 0.00 N | 54.91 2.23 0.00 N | 49.04 2.27 0.00 N | 56.98 2.78 0.00 N | 62.95 2.35 0.00 N | 60.32 2.29 0.00 N | 73.01 2.37 0.00 N | 73.03 2.62 0.00 N | 68.69 1.90 0.00 N | 67.50 1.40 0.00 N | 71.53 1.18 0.00 N | 76.49 2.11 0.00 N | 62.37 0.65 0.00 N | 59.10 0.09 0.00 N |
| RUSSELL____2 23532 | 46.49 -0.52 0.00 N | 37.15 -0.64 0.00 N | 30.88 -0.62 0.00 N | 0.02 0.02 0.00 N | -239.34 4.34 0.00 N | -204.43 3.32 0.00 N | -242.03 0.86 0.00 N | 32.07 0.20 0.00 N | 33.24 0.66 0.00 N | 30.89 1.00 0.00 N | 44.24 1.71 0.00 N | 54.91 2.23 0.00 N | 49.04 2.27 0.00 N | 56.98 2.78 0.00 N | 62.95 2.35 0.00 N | 60.32 2.29 0.00 N | 73.01 2.37 0.00 N | 73.03 2.62 0.00 N | 68.69 1.90 0.00 N | 67.50 1.40 0.00 N | 71.53 1.18 0.00 N | 76.49 2.11 0.00 N | 62.37 0.65 0.00 N | 59.10 0.09 0.00 N |
| RUSSELL____3 23549 | 46.85 -0.16 0.00 N | 37.45 -0.34 0.00 N | 31.03 -0.46 0.00 N | 0.02 0.03 0.00 N | -240.03 3.65 0.00 N | -204.89 2.86 0.00 N | -242.34 0.55 0.00 N | 32.06 0.19 0.00 N | 33.11 0.53 0.00 N | 30.63 0.73 0.00 N | 43.93 1.40 0.00 N | 54.85 2.17 0.00 N | 49.22 2.45 0.00 N | 57.25 3.04 0.00 N | 63.15 2.55 0.00 N | 60.47 2.45 0.00 N | 73.16 2.51 0.00 N | 73.16 2.75 0.00 N | 68.87 2.08 0.00 N | 67.71 1.62 0.00 N | 71.74 1.39 0.00 N | 76.75 2.37 0.00 N | 62.68 0.96 0.00 N | 59.62 0.61 0.00 N |

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| RUSSELL___4 23556 | 46.49 -0.53 0.00 N | 37.15 -0.64 0.00 N | 30.88 -0.62 0.00 N | 0.02 0.02 0.00 N | -239.29 4.38 0.00 N | -204.43 3.32 0.00 N | -242.01 0.88 0.00 N | 32.07 0.20 0.00 N | 33.24 0.66 0.00 N | 30.88 0.98 0.00 N | 44.24 1.70 0.00 N | 54.89 2.21 0.00 N | 49.02 2.25 0.00 N | 56.98 2.78 0.00 N | 62.93 2.33 0.00 N | 60.31 2.28 0.00 N | 73.01 2.36 0.00 N | 73.00 2.58 0.00 N | 68.68 1.89 0.00 N | 67.49 1.40 0.00 N | 71.52 1.17 0.00 N | 76.48 2.10 0.00 N | 62.37 0.65 0.00 N | 59.09 0.08 0.00 N |
| RUSSELL___STATION 23914 | 46.85 -0.16 0.00 N | 37.45 -0.34 0.00 N | 31.03 -0.46 0.00 N | 0.02 0.03 0.00 N | -240.03 3.65 0.00 N | -204.89 2.86 0.00 N | -242.34 0.55 0.00 N | 32.06 0.19 0.00 N | 33.11 0.53 0.00 N | 30.63 0.73 0.00 N | 43.93 1.40 0.00 N | 54.85 2.17 0.00 N | 49.22 2.45 0.00 N | 57.25 3.04 0.00 N | 63.15 2.55 0.00 N | 60.47 2.45 0.00 N | 73.16 2.51 0.00 N | 73.16 2.75 0.00 N | 68.87 2.08 0.00 N | 67.71 1.62 0.00 N | 71.74 1.39 0.00 N | 76.75 2.37 0.00 N | 62.68 0.96 0.00 N | 59.62 0.61 0.00 N |
| S SALMON___HYD 24043 | 46.43 -0.58 0.00 N | 37.22 -0.57 0.00 N | 30.93 -0.57 0.00 N | 0.01 0.01 0.00 N | -238.80 4.87 0.00 N | -203.49 4.26 0.00 N | -238.70 4.19 0.00 N | 31.37 -0.49 0.00 N | 32.10 -0.48 0.00 N | 29.49 -0.40 0.00 N | 42.01 -0.53 0.00 N | 52.23 -0.45 0.00 N | 46.66 -0.11 0.00 N | 54.04 -0.16 0.00 N | 60.24 -0.35 0.00 N | 57.73 -0.30 0.00 N | 70.19 -0.46 0.00 N | 70.03 -0.39 0.00 N | 66.32 -0.47 0.00 N | 65.55 -0.55 0.00 N | 69.72 -0.63 0.00 N | 73.95 -0.43 0.00 N | 61.24 -0.48 0.00 N | 58.58 -0.43 0.00 N |
| SELKIRK___II 23799 | 47.83 0.82 0.00 N | 38.56 0.78 0.00 N | 32.09 0.58 0.00 N | -0.04 -0.04 0.00 N | -247.15 -3.48 0.00 N | -210.29 -2.55 0.00 N | -246.02 -3.13 0.00 N | 32.54 0.67 0.00 N | 33.24 0.65 0.00 N | 30.58 0.69 0.00 N | 43.53 0.99 0.00 N | 53.98 1.30 0.00 N | 47.71 0.93 0.00 N | 55.06 0.85 0.00 N | 61.92 1.32 0.00 N | 59.39 1.36 0.00 N | 72.48 1.83 0.00 N | 72.14 1.73 0.00 N | 68.52 1.73 0.00 N | 68.01 1.91 0.00 N | 72.43 2.08 0.00 N | 76.08 1.70 0.00 N | 63.28 1.56 0.00 N | 59.99 0.98 0.00 N |
| SELKIRK___I 23801 | 48.10 1.09 0.00 N | 38.75 0.97 0.00 N | 32.22 0.72 0.00 N | -0.03 -0.02 0.00 N | -248.12 -4.45 0.00 N | -211.06 -3.32 0.00 N | -246.58 -3.69 0.00 N | 32.61 0.75 0.00 N | 33.31 0.73 0.00 N | 30.70 0.81 0.00 N | 43.81 1.27 0.00 N | 54.38 1.69 0.00 N | 48.09 1.31 0.00 N | 55.57 1.36 0.00 N | 62.46 1.86 0.00 N | 59.89 1.86 0.00 N | 73.05 2.40 0.00 N | 72.72 2.31 0.00 N | 69.11 2.32 0.00 N | 68.56 2.46 0.00 N | 72.99 2.64 0.00 N | 76.75 2.37 0.00 N | 63.76 2.04 0.00 N | 60.44 1.43 0.00 N |
| SENECA OSWGO___HYD 24041 | 46.42 -0.59 0.00 N | 37.24 -0.55 0.00 N | 30.96 -0.54 0.00 N | 0.02 0.02 0.00 N | -239.01 4.67 0.00 N | -203.74 4.01 0.00 N | -239.18 3.72 0.00 N | 31.43 -0.43 0.00 N | 32.13 -0.45 0.00 N | 29.54 -0.36 0.00 N | 42.11 -0.42 0.00 N | 52.39 -0.28 0.00 N | 46.77 0.00 0.00 N | 54.20 -0.01 0.00 N | 60.40 -0.20 0.00 N | 57.89 -0.14 0.00 N | 70.32 -0.32 0.00 N | 70.15 -0.27 0.00 N | 66.44 -0.35 0.00 N | 65.67 -0.43 0.00 N | 69.80 -0.55 0.00 N | 73.99 -0.39 0.00 N | 61.21 -0.51 0.00 N | 58.66 -0.35 0.00 N |
| SENECA___ENERGY 23797 | 45.68 -1.33 0.00 N | 36.54 -1.25 0.00 N | 30.39 -1.11 0.00 N | 0.04 0.04 0.00 N | -235.40 8.27 0.00 N | -200.87 6.87 0.00 N | -237.03 5.86 0.00 N | 31.20 -0.67 0.00 N | 31.95 -0.63 0.00 N | 29.46 -0.44 0.00 N | 41.96 -0.57 0.00 N | 52.37 -0.31 0.00 N | 46.86 0.08 0.00 N | 54.50 0.29 0.00 N | 60.42 -0.18 0.00 N | 57.92 -0.11 0.00 N | 70.20 -0.45 0.00 N | 70.14 -0.28 0.00 N | 66.25 -0.54 0.00 N | 65.38 -0.72 0.00 N | 69.44 -0.91 0.00 N | 73.78 -0.60 0.00 N | 60.64 -1.09 0.00 N | 57.88 -1.13 0.00 N |
| SHOEMAKER___GT 23640 | 49.17 2.16 0.00 N | 39.50 1.71 0.00 N | 32.71 1.21 0.00 N | 0.00 0.00 0.00 N | -251.22 -7.55 0.00 N | -213.85 -6.11 0.00 N | -250.55 -7.66 0.00 N | 33.27 1.41 0.00 N | 34.10 1.52 0.00 N | 31.64 1.74 0.00 N | 45.22 2.69 0.00 N | 56.34 3.66 0.00 N | 49.80 3.03 0.00 N | 57.82 3.61 0.00 N | 64.91 4.31 0.00 N | 62.21 4.18 0.00 N | 75.68 5.03 0.00 N | 75.46 5.04 0.00 N | 71.78 4.99 0.00 N | 71.10 5.00 0.00 N | 75.52 5.17 0.00 N | 79.49 5.12 0.00 N | 66.01 4.29 0.00 N | 62.46 3.45 0.00 N |
| SHOREHAM_IC_1 23715 | 98.40 3.63 -47.76 N | 99.05 3.13 -58.14 N | 55.86 2.54 -21.83 N | 6.26 0.05 -6.21 N | -273.47 -17.05 12.75 N | -227.66 -13.32 6.60 N | -263.35 -16.79 3.66 N | 54.62 2.74 -20.01 N | 105.04 2.38 -70.08 N | 93.16 2.30 -60.96 N | 73.72 4.00 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.27 -33.35 N | 103.58 4.60 -44.77 N | 179.50 3.98 -114.92 N | 258.40 2.83 -197.55 N | 105.50 4.75 -30.10 N | 87.42 5.47 -11.54 N | 101.59 6.79 -28.01 N | 81.23 7.08 -8.05 N | 104.29 7.26 -26.68 N | 89.26 6.82 -8.07 N | 79.81 5.64 -12.45 N | 85.11 4.87 -21.22 N |
| SHOREHAM_IC_2 23716 | 98.40 3.63 -47.76 N | 99.05 3.13 -58.14 N | 55.86 2.54 -21.83 N | 6.26 0.05 -6.21 N | -273.47 -17.05 12.75 N | -227.66 -13.32 6.60 N | -263.35 -16.79 3.66 N | 54.62 2.74 -20.01 N | 105.04 2.38 -70.08 N | 93.16 2.30 -60.96 N | 73.72 4.00 -27.19 N | 84.39 5.56 -26.15 N | 84.39 4.27 -33.35 N | 103.58 4.60 -44.77 N | 179.50 3.98 -114.92 N | 258.40 2.83 -197.55 N | 105.50 4.75 -30.10 N | 87.42 5.47 -11.54 N | 101.59 6.79 -28.01 N | 81.23 7.08 -8.05 N | 104.29 7.26 -26.68 N | 89.26 6.82 -8.07 N | 79.81 5.64 -12.45 N | 85.11 4.87 -21.22 N |
| SISSONVILLE___ 23735 | 46.22 -0.79 0.00 N | 37.14 -0.64 0.00 N | 30.99 -0.51 0.00 N | 0.01 0.01 0.00 N | -240.33 3.34 0.00 N | -205.05 2.70 0.00 N | -238.38 4.52 0.00 N | 30.91 -0.96 0.00 N | 31.20 -1.38 0.00 N | 28.18 -1.71 0.00 N | 39.40 -3.13 0.00 N | 48.24 -4.44 0.00 N | 42.85 -3.93 0.00 N | 50.06 -4.15 0.00 N | 55.69 -4.91 0.00 N | 53.02 -5.01 0.00 N | 64.86 -5.79 0.00 N | 64.73 -5.69 0.00 N | 61.52 -5.27 0.00 N | 60.99 -5.11 0.00 N | 65.15 -5.20 0.00 N | 69.64 -4.74 0.00 N | 58.73 -2.99 0.00 N | 56.82 -2.19 0.00 N |
| SITHE_IND_GS1 24169 | 45.85 -1.16 0.00 N | 36.79 -0.99 0.00 N | 30.62 -0.88 0.00 N | 0.00 0.00 0.00 N | -236.71 6.96 0.00 N | -201.82 5.93 0.00 N | -236.66 6.24 0.00 N | 31.05 -0.82 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.40 -1.14 0.00 N | 51.40 -1.28 0.00 N | 45.85 -0.92 0.00 N | 53.10 -1.11 0.00 N | 59.17 -1.43 0.00 N | 56.68 -1.34 0.00 N | 68.85 -1.80 0.00 N | 68.68 -1.73 0.00 N | 65.07 -1.73 0.00 N | 64.33 -1.77 0.00 N | 68.38 -1.97 0.00 N | 72.44 -1.94 0.00 N | 60.06 -1.66 0.00 N | 57.72 -1.29 0.00 N |
| SITHE_IND_GS2 24170 | 45.85 -1.16 0.00 N | 36.79 -0.99 0.00 N | 30.62 -0.88 0.00 N | 0.00 0.00 0.00 N | -236.71 6.96 0.00 N | -201.82 5.93 0.00 N | -236.66 6.24 0.00 N | 31.05 -0.82 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.40 -1.14 0.00 N | 51.40 -1.28 0.00 N | 45.85 -0.92 0.00 N | 53.10 -1.11 0.00 N | 59.17 -1.43 0.00 N | 56.68 -1.34 0.00 N | 68.85 -1.80 0.00 N | 68.68 -1.73 0.00 N | 65.07 -1.73 0.00 N | 64.33 -1.77 0.00 N | 68.38 -1.97 0.00 N | 72.44 -1.94 0.00 N | 60.06 -1.66 0.00 N | 57.72 -1.29 0.00 N |
| SITHE_IND_GS3 24171 | 45.85 -1.16 0.00 N | 36.79 -0.99 0.00 N | 30.62 -0.88 0.00 N | 0.00 0.00 0.00 N | -236.71 6.96 0.00 N | -201.82 5.93 0.00 N | -236.66 6.24 0.00 N | 31.05 -0.82 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.40 -1.14 0.00 N | 51.40 -1.28 0.00 N | 45.85 -0.92 0.00 N | 53.10 -1.11 0.00 N | 59.17 -1.43 0.00 N | 56.68 -1.34 0.00 N | 68.85 -1.80 0.00 N | 68.68 -1.73 0.00 N | 65.07 -1.73 0.00 N | 64.33 -1.77 0.00 N | 68.38 -1.97 0.00 N | 72.44 -1.94 0.00 N | 60.06 -1.66 0.00 N | 57.72 -1.29 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-----------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|---|---|
| SITHE_IND_GS4 24172 | 45.85 -1.16 0.00 N | 36.79 -0.99 0.00 N | 30.62 -0.88 0.00 N | 0.00 0.00 0.00 N | -236.71 6.96 0.00 N | -201.82 5.93 0.00 N | -236.66 6.24 0.00 N | 31.05 -0.82 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.40 -1.14 0.00 N | 51.40 -1.28 0.00 N | 45.85 -0.92 0.00 N | 53.10 -1.11 0.00 N | 59.17 -1.43 0.00 N | 56.68 -1.34 0.00 N | 68.85 -1.80 0.00 N | 68.68 -1.73 0.00 N | 65.07 -1.73 0.00 N | 64.33 -1.77 0.00 N | 68.38 -1.97 0.00 N | 72.44 -1.94 0.00 N | 60.06 -1.66 0.00 N | 57.72 -1.29 0.00 N | | |
| SITHE__BATAVIA 24024 | 46.36 -0.66 0.00 N | 37.03 -0.76 0.00 N | 30.63 -0.87 0.00 N | 0.06 0.06 0.00 N | -236.83 6.84 0.00 N | -202.34 5.41 0.00 N | -240.53 2.37 0.00 N | 31.75 -0.12 0.00 N | 32.61 0.03 0.00 N | 29.92 0.03 0.00 N | 42.99 0.45 0.00 N | 54.13 1.45 0.00 N | 48.73 1.96 0.00 N | 57.28 3.08 0.00 N | 62.85 2.25 0.00 N | 60.12 2.10 0.00 N | 72.53 1.89 0.00 N | 72.61 2.20 0.00 N | 68.22 1.44 0.00 N | 67.05 0.95 0.00 N | 70.98 0.64 0.00 N | 76.41 2.03 0.00 N | 62.19 0.47 0.00 N | 59.44 0.43 0.00 N | | |
| SITHE__INDEPEND 23800 | 45.85 -1.16 0.00 N | 36.79 -0.99 0.00 N | 30.62 -0.88 0.00 N | 0.00 0.00 0.00 N | -236.71 6.96 0.00 N | -201.82 5.93 0.00 N | -236.66 6.24 0.00 N | 31.05 -0.82 0.00 N | 31.69 -0.89 0.00 N | 29.08 -0.82 0.00 N | 41.40 -1.14 0.00 N | 51.40 -1.28 0.00 N | 45.85 -0.92 0.00 N | 53.10 -1.11 0.00 N | 59.17 -1.43 0.00 N | 56.68 -1.34 0.00 N | 68.85 -1.80 0.00 N | 68.68 -1.73 0.00 N | 65.07 -1.73 0.00 N | 64.33 -1.77 0.00 N | 68.38 -1.97 0.00 N | 72.44 -1.94 0.00 N | 60.06 -1.66 0.00 N | 57.72 -1.29 0.00 N | | |
| SITHE__MASSENA 23902 | 46.73 -0.28 0.00 N | 37.55 -0.23 0.00 N | 31.42 -0.08 0.00 N | 0.01 0.01 0.00 N | -244.23 -0.56 0.00 N | -208.36 -0.61 0.00 N | -242.44 0.45 0.00 N | 31.50 -0.37 0.00 N | 32.17 -0.41 0.00 N | 29.30 -0.60 0.00 N | 41.38 -1.16 0.00 N | 50.87 -1.81 0.00 N | 45.16 -1.61 0.00 N | 52.58 -1.63 0.00 N | 58.66 -1.94 0.00 N | 55.98 -2.04 0.00 N | 68.33 -2.32 0.00 N | 68.07 -2.35 0.00 N | 64.56 -2.23 0.00 N | 63.77 -2.33 0.00 N | 68.04 -2.31 0.00 N | 72.38 -1.99 0.00 N | 60.23 -1.50 0.00 N | 57.90 -1.11 0.00 N | | |
| SITHE__OGDNSBRG 24021 | 47.17 0.16 0.00 N | 37.86 0.08 0.00 N | 31.66 0.16 0.00 N | 0.01 0.01 0.00 N | -245.96 -2.29 0.00 N | -209.92 -2.18 0.00 N | -244.19 -1.30 0.00 N | 31.75 -0.11 0.00 N | 32.38 -0.20 0.00 N | 29.44 -0.45 0.00 N | 41.47 -1.06 0.00 N | 50.95 -1.73 0.00 N | 45.25 -1.52 0.00 N | 52.75 -1.46 0.00 N | 58.80 -1.79 0.00 N | 56.09 -1.94 0.00 N | 68.51 -2.14 0.00 N | 68.29 -2.13 0.00 N | 64.78 -2.01 0.00 N | 64.02 -2.08 0.00 N | 68.38 -1.97 0.00 N | 72.90 -1.48 0.00 N | 60.77 -0.96 0.00 N | 58.43 -0.58 0.00 N | | |
| SITHE__STERLING 23777 | 47.48 0.47 0.00 N | 38.05 0.27 0.00 N | 31.62 0.13 0.00 N | 0.02 0.02 0.00 N | -244.59 -0.92 0.00 N | -208.53 -0.79 0.00 N | -244.33 -1.44 0.00 N | 32.17 0.31 0.00 N | 32.99 0.41 0.00 N | 30.45 0.56 0.00 N | 43.44 0.91 0.00 N | 54.09 1.41 0.00 N | 48.21 1.44 0.00 N | 55.90 1.69 0.00 N | 62.36 1.76 0.00 N | 59.79 1.76 0.00 N | 72.67 2.03 0.00 N | 72.54 2.13 0.00 N | 68.69 1.90 0.00 N | 67.92 1.82 0.00 N | 72.25 1.90 0.00 N | 76.51 2.13 0.00 N | 63.12 1.39 0.00 N | 60.17 1.16 0.00 N | | |
| SOUTH CAIRO__GT 23612 | 49.83 2.82 0.00 N | 40.05 2.26 0.00 N | 33.23 1.73 0.00 N | 0.00 0.00 0.00 N | -255.51 -11.84 0.00 N | -217.06 -9.31 0.00 N | -254.33 -11.44 0.00 N | 33.79 1.92 0.00 N | 34.66 2.08 0.00 N | 32.14 2.24 0.00 N | 45.98 3.44 0.00 N | 57.27 4.59 0.00 N | 50.68 3.90 0.00 N | 58.72 4.52 0.00 N | 66.04 5.44 0.00 N | 63.35 5.32 0.00 N | 77.23 6.58 0.00 N | 76.95 6.53 0.00 N | 73.06 6.27 0.00 N | 72.41 6.31 0.00 N | 77.02 6.67 0.00 N | 80.92 6.54 0.00 N | 67.02 5.31 0.00 N | 63.28 4.27 0.00 N | | |
| SOUTH HAMPTN__IC 23720 | 98.90 4.13 -47.76 N | 99.40 3.47 -58.14 N | 56.12 2.80 -21.83 N | 6.26 0.06 -6.21 N | -275.55 -19.12 12.75 N | -229.23 -14.89 6.60 N | -265.43 -18.87 3.66 N | 54.92 3.04 -20.01 N | 105.41 2.75 -70.08 N | 93.55 2.69 -60.96 N | 74.31 4.58 -27.19 N | 85.18 6.35 -26.15 N | 85.10 4.98 -33.35 N | 104.50 5.52 -44.77 N | 180.98 5.46 -114.92 N | 259.90 4.31 -197.56 N | 107.22 6.43 -30.13 N | 89.01 7.06 -11.54 N | 102.58 7.77 -28.01 N | 82.20 8.05 -8.05 N | 105.34 8.31 -26.68 N | 90.37 7.93 -8.07 N | 80.65 6.48 -12.45 N | 85.83 5.60 -21.22 N | | |
| SOUTHOLD__IC 23719 | 99.70 4.93 -47.76 N | 100.02 4.09 -58.14 N | 56.62 3.29 -21.83 N | 6.27 0.06 -6.21 N | -279.22 -22.80 12.75 N | -232.33 -17.99 6.60 N | -269.15 -22.60 3.66 N | 55.44 3.56 -20.01 N | 106.00 3.35 -70.08 N | 94.17 3.31 -60.96 N | 75.26 5.54 -27.19 N | 86.45 7.62 -26.15 N | 86.29 6.17 -33.35 N | 105.81 6.83 -44.77 N | 180.98 5.46 -114.92 N | 259.91 4.32 -197.56 N | 107.23 6.45 -30.13 N | 89.25 7.29 -11.54 N | 104.22 9.41 -28.01 N | 83.83 9.68 -8.05 N | 107.08 10.06 -26.68 N | 92.25 9.80 -8.07 N | 82.07 7.90 -12.45 N | 87.08 6.84 -21.22 N | | |
| ST LAWRENCE____ 23600 | 46.46 -0.55 0.00 N | 37.34 -0.44 0.00 N | 31.26 -0.24 0.00 N | 0.01 0.01 0.00 N | -243.04 0.64 0.00 N | -207.34 0.40 0.00 N | -241.21 1.68 0.00 N | 31.35 -0.52 0.00 N | 32.06 -0.52 0.00 N | 29.22 -0.68 0.00 N | 41.38 -1.16 0.00 N | 50.92 -1.76 0.00 N | 45.20 -1.58 0.00 N | 52.59 -1.62 0.00 N | 58.68 -1.92 0.00 N | 56.01 -2.02 0.00 N | 68.36 -2.29 0.00 N | 68.08 -2.33 0.00 N | 64.55 -2.24 0.00 N | 63.75 -2.34 0.00 N | 68.00 -2.35 0.00 N | 72.28 -2.10 0.00 N | 60.04 -1.68 0.00 N | 57.66 -1.35 0.00 N | | |
| STATION 5_MISC_HYD 23604 | 46.94 -0.07 0.00 N | 37.38 -0.40 0.00 N | 30.95 -0.55 0.00 N | 0.04 0.04 0.00 N | -238.91 4.76 0.00 N | -203.91 3.84 0.00 N | -241.26 1.63 0.00 N | 32.08 0.21 0.00 N | 33.37 0.79 0.00 N | 31.17 1.27 0.00 N | 44.86 2.33 0.00 N | 56.09 3.40 0.00 N | 50.28 3.51 0.00 N | 58.51 4.30 0.00 N | 64.71 4.11 0.00 N | 62.02 3.99 0.00 N | 75.07 4.42 0.00 N | 75.06 4.65 0.00 N | 70.57 3.77 0.00 N | 69.30 3.21 0.00 N | 73.46 3.12 0.00 N | 78.55 4.17 0.00 N | 63.94 2.21 0.00 N | 60.54 1.53 0.00 N | | |
| STURGEON_POOL_HYD 23609 | 49.74 2.73 0.00 N | 40.02 2.23 0.00 N | 33.13 1.63 0.00 N | -0.02 -0.02 0.00 N | -254.78 -11.11 0.00 N | -216.40 -8.66 0.00 N | -253.55 -10.66 0.00 N | 33.70 1.83 0.00 N | 34.61 2.03 0.00 N | 32.10 2.21 0.00 N | 45.88 3.34 0.00 N | 57.19 4.51 0.00 N | 50.56 3.79 0.00 N | 58.75 4.54 0.00 N | 65.99 5.39 0.00 N | 63.25 5.22 0.00 N | 76.96 6.31 0.00 N | 76.76 6.34 0.00 N | 72.98 6.19 0.00 N | 72.30 6.20 0.00 N | 76.80 6.45 0.00 N | 80.85 6.47 0.00 N | 67.07 5.35 0.00 N | 63.33 4.32 0.00 N | | |
| SYRACUSE__POWER 24017 | 46.56 -0.45 0.00 N | 37.33 -0.46 0.00 N | 31.03 -0.47 0.00 N | 0.01 0.01 0.00 N | -240.06 3.61 0.00 N | -204.65 3.09 0.00 N | -240.14 2.75 0.00 N | 31.53 -0.34 0.00 N | 32.22 -0.35 0.00 N | 29.67 -0.22 0.00 N | 42.28 -0.25 0.00 N | 52.67 -0.01 0.00 N | 47.00 0.23 0.00 N | 54.54 0.33 0.00 N | 60.77 0.18 0.00 N | 58.25 0.22 0.00 N | 70.75 0.10 0.00 N | 70.59 0.17 0.00 N | 66.83 0.04 0.00 N | 66.03 -0.06 0.00 N | 70.21 -0.14 0.00 N | 74.39 0.01 0.00 N | 61.46 -0.26 0.00 N | 58.82 -0.19 0.00 N | | |
| Stony__Brook | 98.60 | 99.13 | 55.90 | 6.25 | -274.29 | -227.84 | -263.61 | 54.62 | 105.09 | 93.13 | 73.47 | 84.03 | 84.02 | 103.16 | 179.94 | 258.72 | 105.95 | 87.93 | 101.12 | 80.83 | 103.88 | 88.82 | 79.64 | 85.15 | | |

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|----------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|---------------------------------|--------------------------------|---------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| 24151 | 3.83 -47.76 N | 3.20 -58.14 N | 2.58 -21.83 N | 0.04 -6.21 N | -17.86 12.75 N | -13.50 6.60 N | -17.05 3.66 N | 2.74 -20.01 N | 2.44 -70.08 N | 2.28 -60.96 N | 3.75 -27.19 N | 5.20 -26.15 N | 3.90 -33.35 N | 4.18 -44.77 N | 4.42 -114.92 N | 3.20 -197.49 N | 5.31 -29.99 N | 5.98 -11.54 N | 6.32 -28.01 N | 6.68 -8.05 N | 6.86 -26.68 N | 6.37 -8.07 N | 5.48 -12.45 N | 4.92 -21.22 N |
| UNION___PROCESSING_DRP 323587 | 46.46 -0.55 0.00 N | 37.15 -0.64 0.00 N | 30.77 -0.73 0.00 N | 0.03 0.03 0.00 N | -237.95 5.72 0.00 N | -203.10 4.64 0.00 N | -240.07 2.82 0.00 N | 31.68 -0.18 0.00 N | 32.59 0.01 0.00 N | 30.02 0.13 0.00 N | 43.05 0.52 0.00 N | 53.91 1.23 0.00 N | 48.39 1.61 0.00 N | 56.33 2.13 0.00 N | 62.17 1.57 0.00 N | 59.53 1.50 0.00 N | 72.01 1.36 0.00 N | 72.00 1.59 0.00 N | 67.82 1.03 0.00 N | 66.72 0.62 0.00 N | 70.70 0.35 0.00 N | 75.65 1.27 0.00 N | 61.88 0.15 0.00 N | 59.05 0.04 0.00 N |
| UPPER HUDSON___HYD 24058 | 49.12 2.11 0.00 N | 39.66 1.88 0.00 N | 32.94 1.45 0.00 N | -0.03 -0.03 0.00 N | -252.78 -9.11 0.00 N | -215.24 -7.49 0.00 N | -252.18 -9.28 0.00 N | 33.70 1.84 0.00 N | 34.43 1.85 0.00 N | 31.82 1.92 0.00 N | 45.44 2.91 0.00 N | 56.31 3.63 0.00 N | 49.50 2.72 0.00 N | 56.54 2.34 0.00 N | 63.11 2.51 0.00 N | 60.62 2.59 0.00 N | 74.37 3.73 0.00 N | 73.78 3.36 0.00 N | 70.05 3.26 0.00 N | 69.79 3.69 0.00 N | 74.41 4.05 0.00 N | 77.69 3.31 0.00 N | 64.53 2.81 0.00 N | 60.77 1.75 0.00 N |
| UPPER RAQUET___HYD 24056 | 46.22 -0.79 0.00 N | 37.14 -0.64 0.00 N | 30.99 -0.51 0.00 N | 0.01 0.01 0.00 N | -240.33 3.34 0.00 N | -205.05 2.70 0.00 N | -238.38 4.52 0.00 N | 30.91 -0.96 0.00 N | 31.20 -1.38 0.00 N | 28.18 -1.71 0.00 N | 39.40 -3.13 0.00 N | 48.24 -4.44 0.00 N | 42.85 -3.93 0.00 N | 50.06 -4.15 0.00 N | 55.69 -4.91 0.00 N | 53.02 -5.01 0.00 N | 64.86 -5.79 0.00 N | 64.73 -5.69 0.00 N | 61.52 -5.27 0.00 N | 60.99 -5.11 0.00 N | 65.15 -5.20 0.00 N | 69.64 -4.74 0.00 N | 58.73 -2.99 0.00 N | 56.82 -2.19 0.00 N |
| VISCHER___FERRY HYD 24020 | 48.66 1.65 0.00 N | 39.27 1.48 0.00 N | 32.64 1.14 0.00 N | -0.04 -0.04 0.00 N | -251.30 -7.63 0.00 N | -213.87 -6.12 0.00 N | -250.33 -7.44 0.00 N | 33.29 1.42 0.00 N | 33.97 1.39 0.00 N | 31.26 1.36 0.00 N | 44.47 1.94 0.00 N | 55.09 2.41 0.00 N | 48.55 1.78 0.00 N | 55.86 1.66 0.00 N | 62.99 2.39 0.00 N | 60.56 2.53 0.00 N | 74.12 3.47 0.00 N | 73.63 3.21 0.00 N | 69.94 3.16 0.00 N | 69.46 3.36 0.00 N | 73.97 3.62 0.00 N | 77.42 3.05 0.00 N | 64.45 2.73 0.00 N | 60.87 1.86 0.00 N |
| WADING RIVER_IC_1 23522 | 98.29 3.52 -47.76 N | 98.96 3.04 -58.14 N | 55.65 2.45 -21.70 N | 6.20 0.06 -6.14 N | -273.23 -16.50 13.05 N | -227.29 -12.80 6.75 N | -262.94 -16.18 3.86 N | 54.46 2.65 -19.95 N | 104.93 2.29 -70.05 N | 93.07 2.21 -60.96 N | 73.56 3.83 -27.19 N | 84.18 5.35 -26.15 N | 84.19 4.07 -33.35 N | 103.42 4.44 -44.77 N | 180.04 4.52 -114.92 N | 258.96 3.37 -197.56 N | 106.14 5.36 -30.13 N | 87.88 5.95 -11.51 N | 101.29 6.49 -28.01 N | 80.95 6.81 -8.05 N | 104.01 6.98 -26.67 N | 88.92 6.50 -8.04 N | 79.48 5.42 -12.34 N | 84.59 4.70 -20.88 N |
| WADING RIVER_IC_2 23547 | 98.29 3.52 -47.76 N | 98.96 3.04 -58.14 N | 55.65 2.45 -21.70 N | 6.20 0.06 -6.14 N | -273.23 -16.50 13.05 N | -227.29 -12.80 6.75 N | -262.94 -16.18 3.86 N | 54.46 2.65 -19.95 N | 104.93 2.29 -70.05 N | 93.07 2.21 -60.96 N | 73.56 3.83 -27.19 N | 84.18 5.35 -26.15 N | 84.19 4.07 -33.35 N | 103.42 4.44 -44.77 N | 180.04 4.52 -114.92 N | 258.96 3.37 -197.56 N | 106.14 5.36 -30.13 N | 87.88 5.95 -11.51 N | 101.29 6.49 -28.01 N | 80.95 6.81 -8.05 N | 104.01 6.98 -26.67 N | 88.92 6.50 -8.04 N | 79.48 5.42 -12.34 N | 84.59 4.70 -20.88 N |
| WADING RIVER_IC_3 23601 | 98.29 3.52 -47.76 N | 98.96 3.04 -58.14 N | 55.65 2.45 -21.70 N | 6.20 0.06 -6.14 N | -273.23 -16.50 13.05 N | -227.29 -12.80 6.75 N | -262.94 -16.18 3.86 N | 54.46 2.65 -19.95 N | 104.93 2.29 -70.05 N | 93.07 2.21 -60.96 N | 73.56 3.83 -27.19 N | 84.18 5.35 -26.15 N | 84.19 4.07 -33.35 N | 103.42 4.44 -44.77 N | 180.04 4.52 -114.92 N | 258.96 3.37 -197.56 N | 106.14 5.36 -30.13 N | 87.88 5.95 -11.51 N | 101.29 6.49 -28.01 N | 80.95 6.81 -8.05 N | 104.01 6.98 -26.67 N | 88.92 6.50 -8.04 N | 79.48 5.42 -12.34 N | 84.59 4.70 -20.88 N |
| WALDEN___HYDRO 24148 | 49.74 2.73 0.00 N | 39.87 2.09 0.00 N | 32.97 1.47 0.00 N | -0.02 -0.02 0.00 N | -253.06 -9.39 0.00 N | -214.93 -7.18 0.00 N | -251.65 -8.76 0.00 N | 33.45 1.59 0.00 N | 34.38 1.80 0.00 N | 31.99 2.10 0.00 N | 45.82 3.29 0.00 N | 57.19 4.52 0.00 N | 50.65 3.88 0.00 N | 58.93 4.72 0.00 N | 66.24 5.64 0.00 N | 63.46 5.43 0.00 N | 77.20 6.55 0.00 N | 76.98 6.56 0.00 N | 73.25 6.46 0.00 N | 72.55 6.45 0.00 N | 77.03 6.68 0.00 N | 81.05 6.67 0.00 N | 67.17 5.45 0.00 N | 63.35 4.34 0.00 N |
| WARRENSBURG____ 23737 | 49.18 2.16 0.00 N | 39.70 1.92 0.00 N | 32.98 1.48 0.00 N | -0.03 -0.03 0.00 N | -253.03 -9.36 0.00 N | -215.42 -7.67 0.00 N | -252.42 -9.53 0.00 N | 33.74 1.87 0.00 N | 34.47 1.89 0.00 N | 31.86 1.96 0.00 N | 45.51 2.97 0.00 N | 56.38 3.70 0.00 N | 49.56 2.79 0.00 N | 56.61 2.40 0.00 N | 63.19 2.59 0.00 N | 60.70 2.68 0.00 N | 74.50 3.85 0.00 N | 73.90 3.49 0.00 N | 70.17 3.38 0.00 N | 69.89 3.79 0.00 N | 74.52 4.17 0.00 N | 77.81 3.43 0.00 N | 64.61 2.89 0.00 N | 60.84 1.83 0.00 N |
| WATERSIDE___6 8 9 23538 | 64.83 3.23 -14.58 N | 62.61 2.56 -22.26 N | 60.88 1.87 -27.52 N | 3.43 -0.03 -3.45 N | -256.14 -12.46 0.00 N | -217.33 -9.59 0.00 N | -254.44 -11.55 0.00 N | 33.90 1.98 -0.05 N | 34.75 2.17 0.00 N | 37.52 2.46 -5.17 N | 54.06 3.76 -7.77 N | 66.61 5.01 -8.92 N | 71.45 4.10 -20.57 N | 74.19 4.86 -15.12 N | 77.05 5.75 -10.69 N | 75.38 5.54 -11.81 N | 77.51 6.62 -0.24 N | 77.20 6.65 -0.14 N | 75.37 6.58 -2.00 N | 74.29 6.58 -1.61 N | 77.13 6.78 0.00 N | 82.14 6.80 -0.97 N | 79.10 5.88 -11.49 N | 85.78 4.80 -21.97 N |
| WEST BABYLON___IC 23714 | 101.83 4.20 -50.62 N | 102.62 3.40 -61.43 N | 59.92 2.66 -25.76 N | 8.38 0.02 -8.36 N | -265.69 -18.67 3.34 N | -223.81 -14.33 1.73 N | -258.31 -17.95 -2.53 N | 57.06 2.88 -22.31 N | 110.82 2.82 -75.43 N | 99.05 2.72 -66.43 N | 75.55 4.45 -28.57 N | 86.48 6.10 -27.70 N | 87.91 4.80 -36.34 N | 108.42 5.42 -48.79 N | 191.55 6.11 -124.85 N | 277.72 5.29 -214.40 N | 110.92 7.28 -32.99 N | 91.26 7.54 -13.30 N | 104.92 7.55 -30.58 N | 82.65 7.80 -8.76 N | 107.50 8.01 -29.15 N | 91.90 7.70 -9.83 N | 85.53 6.49 -17.32 N | 99.74 5.80 -34.94 N |
| WEST CANADA___HYD 24049 | 47.15 0.14 0.00 N | 37.90 0.11 0.00 N | 31.58 0.08 0.00 N | -0.01 -0.01 0.00 N | -244.14 -0.47 0.00 N | -208.08 -0.33 0.00 N | -243.44 -0.54 0.00 N | 32.02 0.15 0.00 N | 32.74 0.16 0.00 N | 30.10 0.21 0.00 N | 42.86 0.32 0.00 N | 53.15 0.47 0.00 N | 47.15 0.38 0.00 N | 54.59 0.38 0.00 N | 61.05 0.45 0.00 N | 58.49 0.46 0.00 N | 71.21 0.57 0.00 N | 70.98 0.56 0.00 N | 67.32 0.54 0.00 N | 66.69 0.59 0.00 N | 70.98 0.63 0.00 N | 74.97 0.59 0.00 N | 62.16 0.44 0.00 N | 59.37 0.35 0.00 N |
| WESTERN_NY_WIND 24143 | 46.33 -0.68 0.00 N | 37.01 -0.78 0.00 N | 30.60 -0.89 0.00 N | 0.06 0.06 0.00 N | -236.69 6.98 0.00 N | -202.25 5.50 0.00 N | -240.40 2.50 0.00 N | 31.73 -0.14 0.00 N | 32.59 0.01 0.00 N | 29.89 0.00 0.00 N | 42.94 0.41 0.00 N | 54.09 1.41 0.00 N | 48.70 1.93 0.00 N | 57.27 3.07 0.00 N | 62.82 2.23 0.00 N | 60.10 2.08 0.00 N | 72.49 1.85 0.00 N | 72.59 2.17 0.00 N | 68.20 1.41 0.00 N | 67.02 0.92 0.00 N | 70.95 0.60 0.00 N | 76.39 2.01 0.00 N | 62.15 0.43 0.00 N | 59.42 0.41 0.00 N |

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