

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

02/19/2006

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|
| 59TH STREET_GT_1 24138 | 78.63 6.13 0.00 N | 73.05 3.61 -26.81 N | 64.15 4.88 0.00 N | 69.70 5.23 0.00 N | 75.12 5.46 0.00 N | 66.93 5.06 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.16 4.64 -34.70 N | 77.57 3.98 -41.23 N | 76.64 3.17 0.00 N | 76.22 6.71 0.00 N | 72.73 6.02 0.00 N | 49.29 4.06 0.00 N | 50.25 4.05 0.00 N | 47.08 3.74 0.00 N | 46.75 3.59 0.00 N | 50.51 4.29 0.00 N | 135.59 1.50 -118.48 N | 72.19 6.43 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.55 -19.37 N | 72.18 5.90 0.00 N | 67.58 5.28 -0.18 N |
| 74TH STREET_GT_1 24260 | 78.60 6.10 0.00 N | 73.04 3.60 -26.81 N | 64.14 4.87 0.00 N | 69.67 5.20 0.00 N | 75.09 5.43 0.00 N | 66.92 5.04 0.00 N | 51.54 4.08 0.01 N | 42.39 3.51 0.00 N | 53.15 4.63 0.00 N | 77.54 3.94 -34.70 N | 76.62 3.16 -41.23 N | 76.19 6.68 0.00 N | 72.71 6.00 0.00 N | 49.27 4.03 0.00 N | 50.24 4.03 0.00 N | 47.07 3.73 0.00 N | 46.73 3.56 0.00 N | 50.48 4.26 0.00 N | 135.57 1.48 -118.48 N | 72.17 6.41 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.54 -19.37 N | 72.18 5.90 0.00 N | 67.57 5.27 -0.18 N |
| 74TH STREET_GT_2 24261 | 78.60 6.10 0.00 N | 73.04 3.60 -26.81 N | 64.14 4.87 0.00 N | 69.67 5.20 0.00 N | 75.09 5.43 0.00 N | 66.92 5.04 0.00 N | 51.54 4.08 0.01 N | 42.39 3.51 0.00 N | 53.15 4.63 0.00 N | 77.54 3.94 -34.70 N | 76.62 3.16 -41.23 N | 76.19 6.68 0.00 N | 72.71 6.00 0.00 N | 49.27 4.03 0.00 N | 50.24 4.03 0.00 N | 47.07 3.73 0.00 N | 46.73 3.56 0.00 N | 50.48 4.26 0.00 N | 135.57 1.48 -118.48 N | 72.17 6.41 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.54 -19.37 N | 72.18 5.90 0.00 N | 67.57 5.27 -0.18 N |
| ADK HUDSON___FALLS 24011 | 77.18 4.67 0.00 N | 80.08 3.04 -34.41 N | 63.33 4.06 0.00 N | 68.77 4.30 0.00 N | 74.52 4.85 0.00 N | 66.56 4.68 0.00 N | 51.23 3.76 0.00 N | 41.83 2.95 0.00 N | 52.18 3.66 0.00 N | 86.64 3.21 -44.53 N | 87.77 2.60 -52.93 N | 74.72 5.22 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.62 3.41 0.00 N | 46.41 3.07 0.00 N | 46.18 3.01 0.00 N | 50.05 3.84 0.00 N | 169.57 1.23 -152.73 N | 70.41 4.65 0.00 N | 60.46 3.94 -5.58 N | 77.76 3.69 -24.98 N | 70.87 4.59 0.00 N | 66.54 4.19 -0.23 N |
| ADK RESOURCE___RCVRY 23798 | 77.18 4.67 0.00 N | 80.08 3.04 -34.41 N | 63.33 4.06 0.00 N | 68.77 4.30 0.00 N | 74.52 4.85 0.00 N | 66.56 4.68 0.00 N | 51.23 3.76 0.00 N | 41.83 2.95 0.00 N | 52.18 3.66 0.00 N | 86.64 3.21 -44.53 N | 87.77 2.60 -52.93 N | 74.72 5.22 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.62 3.41 0.00 N | 46.41 3.07 0.00 N | 46.18 3.01 0.00 N | 50.05 3.84 0.00 N | 169.57 1.23 -152.73 N | 70.41 4.65 0.00 N | 60.46 3.94 -5.58 N | 77.76 3.69 -24.98 N | 70.87 4.59 0.00 N | 66.54 4.19 -0.23 N |
| ADK S GLENS___FALLS 24028 | 77.18 4.67 0.00 N | 80.08 3.04 -34.41 N | 63.33 4.06 0.00 N | 68.77 4.30 0.00 N | 74.52 4.85 0.00 N | 66.56 4.68 0.00 N | 51.23 3.76 0.00 N | 41.83 2.95 0.00 N | 52.18 3.66 0.00 N | 86.64 3.21 -44.53 N | 87.77 2.60 -52.93 N | 74.72 5.22 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.62 3.41 0.00 N | 46.41 3.07 0.00 N | 46.18 3.01 0.00 N | 50.05 3.84 0.00 N | 169.57 1.23 -152.73 N | 70.41 4.65 0.00 N | 60.46 3.94 -5.58 N | 77.76 3.69 -24.98 N | 70.87 4.59 0.00 N | 66.54 4.19 -0.23 N |
| ADK_NYS___DAM 23527 | 76.02 3.51 0.00 N | 78.92 2.38 -33.92 N | 62.36 3.08 0.00 N | 67.64 3.17 0.00 N | 73.22 3.56 0.00 N | 65.35 3.48 0.00 N | 50.23 2.76 0.00 N | 41.15 2.27 0.00 N | 51.19 2.67 0.00 N | 85.18 2.39 -43.90 N | 86.32 1.92 -52.17 N | 73.23 3.72 0.00 N | 70.32 3.61 0.00 N | 47.78 2.54 0.00 N | 48.73 2.53 0.00 N | 45.57 2.23 0.00 N | 45.26 2.10 0.00 N | 48.99 2.78 0.00 N | 166.79 0.84 -150.33 N | 68.80 3.04 0.00 N | 59.24 2.81 -5.49 N | 76.38 2.70 -24.58 N | 69.72 3.44 0.00 N | 65.59 3.24 -0.23 N |
| AIR_PRODUCTS___DRP 24190 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| ALBANY___1 23571 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| ALBANY___2 23572 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| ALBANY___3 | 76.31 | 78.95 | 62.46 | 67.83 | 73.28 | 65.22 | 50.03 | 41.03 | 51.22 | 85.25 | 86.40 | 73.46 | 70.27 | 47.65 | 48.61 | 45.51 | 45.27 | 48.82 | 167.05 | 69.32 | 59.27 | 76.38 | 69.77 | 65.62 |

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|-----------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|
| 23573 | 3.80 0.00 N | 2.36 -33.96 N | 3.18 0.00 N | 3.36 0.00 N | 3.62 0.00 N | 3.35 0.00 N | 2.56 0.00 N | 2.15 0.00 N | 2.71 0.00 N | 2.39 -43.96 N | 1.92 -52.25 N | 3.95 0.00 N | 3.56 0.00 N | 2.41 0.00 N | 2.40 0.00 N | 2.17 0.00 N | 2.10 0.00 N | 2.61 0.00 N | 0.88 -150.55 N | 3.56 0.00 N | 2.83 -5.50 N | 2.67 -24.62 N | 3.50 0.00 N | 3.26 -0.23 N |
| ALBANY____4 23574 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| ALCOA_RYNLDS____DRP 24188 | 72.09 -0.42 0.00 N | 42.37 -0.25 0.00 N | 58.97 -0.30 0.00 N | 64.15 -0.31 0.00 N | 69.42 -0.24 0.00 N | 61.69 -0.19 0.00 N | 47.09 -0.38 0.00 N | 38.36 -0.52 0.00 N | 47.73 -0.78 0.00 N | 37.83 -1.07 0.00 N | 31.35 -0.88 0.00 N | 67.87 -1.64 0.00 N | 65.67 -1.04 0.00 N | 44.67 -0.57 0.00 N | 45.72 -0.49 0.00 N | 42.90 -0.44 0.00 N | 42.74 -0.42 0.00 N | 45.22 -1.00 0.00 N | 15.20 -0.41 0.00 N | 64.30 -1.46 0.00 N | 49.87 -1.06 0.00 N | 48.43 -0.66 0.00 N | 65.59 -0.69 0.00 N | 61.63 -0.49 0.00 N |
| ALLEGHENY____COGEN 23514 | 69.54 -2.97 0.00 N | 44.74 -2.42 -4.54 N | 56.13 -3.14 0.00 N | 61.64 -2.83 0.00 N | 66.34 -3.32 0.00 N | 58.30 -3.58 0.00 N | 44.18 -2.66 0.62 N | 37.18 -1.70 0.00 N | 47.14 -1.37 0.00 N | 44.16 -0.62 -5.88 N | 38.71 -0.51 -6.99 N | 68.39 -1.12 0.00 N | 64.65 -2.06 0.00 N | 43.80 -1.44 0.00 N | 44.67 -1.54 0.00 N | 42.09 -1.25 0.00 N | 42.24 -0.92 0.00 N | 45.30 -0.91 0.00 N | 35.59 -0.09 -20.07 N | 65.24 -0.52 0.00 N | 50.79 -0.88 -0.73 N | 50.90 -1.47 -3.28 N | 63.91 -2.36 0.00 N | 59.85 -2.31 -0.03 N |
| AMERICAN_REF_FUEL 24010 | 64.45 -8.06 0.00 N | 41.14 -5.54 -4.05 N | 51.81 -7.46 0.00 N | 57.13 -7.34 0.00 N | 61.46 -8.20 0.00 N | 53.48 -8.40 0.00 N | 40.17 -6.76 0.54 N | 33.57 -5.31 0.00 N | 42.35 -6.16 0.00 N | 39.65 -4.49 -5.24 N | 35.00 -3.46 -6.23 N | 62.03 -7.48 0.00 N | 58.81 -7.90 0.00 N | 39.98 -5.25 0.00 N | 40.72 -5.49 0.00 N | 38.53 -4.81 0.00 N | 38.82 -4.35 0.00 N | 41.41 -4.81 0.00 N | 31.84 -1.45 -17.67 N | 59.35 -6.41 0.00 N | 46.19 -5.39 -0.64 N | 46.27 -5.71 -2.89 N | 58.66 -7.62 0.00 N | 55.53 -6.62 -0.03 N |
| ARTHUR_KILL_GT_1 23520 | 78.16 5.65 0.00 N | 72.85 3.42 -26.81 N | 63.78 4.51 0.00 N | 69.19 4.73 0.00 N | 74.58 4.92 0.00 N | 66.46 4.58 0.00 N | 51.18 3.72 0.01 N | 42.10 3.23 0.00 N | 52.73 4.22 0.00 N | 77.12 3.52 -34.70 N | 76.41 2.94 -41.23 N | 75.55 6.04 0.00 N | 72.12 5.41 0.00 N | 48.90 3.66 0.00 N | 49.86 3.65 0.00 N | 46.68 3.34 0.00 N | 46.16 3.00 0.00 N | 50.10 3.88 0.00 N | 135.36 1.27 -118.48 N | 71.80 6.04 0.00 N | 59.85 4.59 -4.33 N | 72.67 4.21 -19.37 N | 71.64 5.37 0.00 N | 67.09 4.79 -0.18 N |
| ARTHUR_KILL_2 23512 | 78.16 5.65 0.00 N | 72.85 3.42 -26.81 N | 63.78 4.51 0.00 N | 69.19 4.73 0.00 N | 74.58 4.92 0.00 N | 66.46 4.58 0.00 N | 51.18 3.72 0.01 N | 42.10 3.23 0.00 N | 52.73 4.22 0.00 N | 77.12 3.52 -34.70 N | 76.41 2.94 -41.23 N | 75.55 6.04 0.00 N | 72.12 5.41 0.00 N | 48.90 3.66 0.00 N | 49.86 3.65 0.00 N | 46.68 3.34 0.00 N | 46.16 3.00 0.00 N | 50.10 3.88 0.00 N | 135.36 1.27 -118.48 N | 71.80 6.04 0.00 N | 59.85 4.59 -4.33 N | 72.67 4.21 -19.37 N | 71.64 5.37 0.00 N | 67.09 4.79 -0.18 N |
| ARTHUR_KILL_3 23513 | 78.42 5.92 0.00 N | 72.92 3.48 -26.81 N | 63.97 4.69 0.00 N | 69.48 5.01 0.00 N | 74.88 5.21 0.00 N | 66.72 4.84 0.00 N | 51.38 3.92 0.01 N | 42.26 3.38 0.00 N | 52.99 4.48 0.00 N | 77.43 3.84 -34.70 N | 76.53 3.06 -41.23 N | 75.97 6.46 0.00 N | 72.48 5.77 0.00 N | 49.10 3.86 0.00 N | 50.08 3.87 0.00 N | 46.91 3.57 0.00 N | 46.58 3.42 0.00 N | 50.32 4.11 0.00 N | 135.53 1.43 -118.48 N | 72.01 6.25 0.00 N | 59.99 4.72 -4.33 N | 72.84 4.38 -19.37 N | 71.94 5.66 0.00 N | 67.38 5.07 -0.18 N |
| ASHOKAN____ 23654 | 78.82 6.31 0.00 N | 75.35 3.74 -28.98 N | 64.34 5.07 0.00 N | 69.91 5.45 0.00 N | 75.44 5.78 0.00 N | 67.16 5.28 0.00 N | 51.57 4.11 0.01 N | 42.37 3.49 0.00 N | 53.11 4.60 0.00 N | 80.36 3.95 -37.51 N | 80.02 3.21 -44.57 N | 76.39 6.88 0.00 N | 72.96 6.25 0.00 N | 49.40 4.17 0.00 N | 50.35 4.14 0.00 N | 47.17 3.84 0.00 N | 46.94 3.78 0.00 N | 50.69 4.48 0.00 N | 145.49 1.59 -128.29 N | 72.38 6.62 0.00 N | 60.70 5.08 -4.68 N | 74.83 4.76 -20.98 N | 72.32 6.04 0.00 N | 67.75 5.43 -0.19 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N |
| ASTORIA_GT2_1 24094 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N |
| ASTORIA_GT2_2 24095 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N |
| ASTORIA_GT2_3 24096 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| ASTORIA_GT_5 24106 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N | |
| ASTORIA_GT_7 24107 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N | |
| ASTORIA_GT_8 24108 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N | |
| ASTORIA___2 24149 | 78.55 6.04 0.00 N | 73.09 3.66 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.07 5.19 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.23 3.07 0.00 N | 50.46 4.25 0.00 N | 135.52 1.43 -118.48 N | 72.22 6.46 0.00 N | 60.23 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N | |
| ASTORIA___3 23516 | 78.46 5.96 0.00 N | 72.99 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.52 5.05 0.00 N | 74.91 5.25 0.00 N | 66.86 4.98 0.00 N | 51.50 4.04 0.01 N | 42.33 3.45 0.00 N | 53.03 4.51 0.00 N | 77.35 3.76 -34.70 N | 76.53 3.06 -41.23 N | 75.97 6.46 0.00 N | 72.46 5.75 0.00 N | 49.11 3.87 0.00 N | 50.09 3.88 0.00 N | 46.95 3.61 0.00 N | 46.42 3.26 0.00 N | 50.26 4.05 0.00 N | 135.46 1.37 -118.48 N | 71.87 6.11 0.00 N | 59.94 4.67 -4.33 N | 72.80 4.34 -19.37 N | 71.90 5.62 0.00 N | 67.33 5.03 -0.18 N | |
| ASTORIA___4 23517 | 78.46 5.96 0.00 N | 72.99 3.55 -26.81 N | 64.07 4.80 0.00 N | 69.52 5.05 0.00 N | 74.91 5.25 0.00 N | 66.86 4.98 0.00 N | 51.50 4.04 0.01 N | 42.33 3.45 0.00 N | 53.03 4.51 0.00 N | 77.35 3.76 -34.70 N | 76.52 3.05 -41.23 N | 75.97 6.46 0.00 N | 72.46 5.75 0.00 N | 49.11 3.87 0.00 N | 50.09 3.88 0.00 N | 46.94 3.60 0.00 N | 46.42 3.26 0.00 N | 50.26 4.05 0.00 N | 135.48 1.38 -118.48 N | 71.87 6.11 0.00 N | 59.94 4.67 -4.33 N | 72.80 4.34 -19.37 N | 71.89 5.62 0.00 N | 67.33 5.03 -0.18 N | |
| ASTORIA___5 23518 | 78.55 6.04 0.00 N | 73.09 3.65 -26.81 N | 64.25 4.98 0.00 N | 69.73 5.26 0.00 N | 75.15 5.49 0.00 N | 67.06 5.18 0.00 N | 51.69 4.23 0.01 N | 42.51 3.64 0.00 N | 53.19 4.68 0.00 N | 77.43 3.84 -34.70 N | 76.66 3.19 -41.23 N | 76.22 6.71 0.00 N | 72.76 6.05 0.00 N | 49.33 4.09 0.00 N | 50.31 4.10 0.00 N | 47.10 3.76 0.00 N | 46.22 3.06 0.00 N | 50.46 4.24 0.00 N | 135.51 1.42 -118.48 N | 72.22 6.46 0.00 N | 60.22 4.96 -4.33 N | 73.05 4.58 -19.37 N | 72.27 6.00 0.00 N | 67.72 5.42 -0.18 N | |
| ATHENS_STG_1 23668 | 76.24 3.74 0.00 N | 74.55 2.30 -29.62 N | 62.37 3.10 0.00 N | 67.79 3.33 0.00 N | 73.18 3.52 0.00 N | 65.07 3.20 0.00 N | 49.96 2.49 0.01 N | 41.02 2.15 0.00 N | 51.31 2.79 0.00 N | 79.66 2.42 -38.34 N | 79.74 1.94 -45.56 N | 73.54 4.03 0.00 N | 70.34 3.63 0.00 N | 47.70 2.46 0.00 N | 48.65 2.44 0.00 N | 45.56 2.22 0.00 N | 45.32 2.16 0.00 N | 48.79 2.58 0.00 N | 147.41 0.89 -130.91 N | 69.52 3.76 0.00 N | 58.64 2.93 -4.78 N | 73.24 2.75 -21.41 N | 69.81 3.54 0.00 N | 65.54 3.22 -0.20 N | |
| ATHENS_STG_2 23670 | 76.24 3.74 0.00 N | 74.55 2.30 -29.62 N | 62.37 3.10 0.00 N | 67.79 3.33 0.00 N | 73.18 3.52 0.00 N | 65.07 3.20 0.00 N | 49.96 2.49 0.01 N | 41.02 2.15 0.00 N | 51.31 2.79 0.00 N | 79.66 2.42 -38.34 N | 79.74 1.94 -45.56 N | 73.54 4.03 0.00 N | 70.34 3.63 0.00 N | 47.70 2.46 0.00 N | 48.65 2.44 0.00 N | 45.56 2.22 0.00 N | 45.32 2.16 0.00 N | 48.79 2.58 0.00 N | 147.41 0.89 -130.91 N | 69.52 3.76 0.00 N | 58.64 2.93 -4.78 N | 73.24 2.75 -21.41 N | 69.81 3.54 0.00 N | 65.54 3.22 -0.20 N | |
| ATHENS_STG_3 23677 | 76.24 3.74 0.00 N | 74.55 2.30 -29.62 N | 62.37 3.10 0.00 N | 67.79 3.33 0.00 N | 73.18 3.52 0.00 N | 65.07 3.20 0.00 N | 49.96 2.49 0.01 N | 41.02 2.15 0.00 N | 51.31 2.79 0.00 N | 79.66 2.42 -38.34 N | 79.74 1.94 -45.56 N | 73.54 4.03 0.00 N | 70.34 3.63 0.00 N | 47.70 2.46 0.00 N | 48.65 2.44 0.00 N | 45.56 2.22 0.00 N | 45.32 2.16 0.00 N | 48.79 2.58 0.00 N | 147.41 0.89 -130.91 N | 69.52 3.76 0.00 N | 58.64 2.93 -4.78 N | 73.24 2.75 -21.41 N | 69.81 3.54 0.00 N | 65.54 3.22 -0.20 N | |
| BARRETT_IC_1 23704 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N | |
| BARRETT_IC_10 23701 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N | |
| BARRETT_IC_11 23702 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N | |
| BARRETT_IC_12 | 79.42 | 73.72 | 65.83 | 70.97 | 77.38 | 74.39 | 62.69 | 68.02 | 76.42 | 81.83 | 79.80 | 80.31 | 79.52 | 78.68 | 76.17 | 77.00 | 94.43 | 69.87 | 140.18 | 103.39 | 111.34 | 80.14 | 77.28 | 77.06 | |

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| 23703 | 6.91 0.00 N | 4.29 -26.81 N | 5.92 -0.64 N | 6.47 -0.03 N | 6.71 -1.00 N | 6.31 -6.21 N | 5.01 -10.21 N | 4.44 -24.71 N | 5.84 -22.06 N | 4.70 -38.23 N | 3.72 -43.85 N | 7.77 -3.03 N | 7.17 -5.64 N | 4.91 -28.53 N | 4.91 -25.04 N | 4.57 -29.09 N | 4.76 -46.51 N | 5.10 -18.56 N | 1.79 -122.78 N | 7.48 -30.15 N | 5.85 -54.55 N | 5.36 -25.69 N | 6.99 -4.01 N | 6.42 -8.51 N |
| BARRETT_IC_2 23705 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_3 23706 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_4 23707 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_5 23708 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_6 23709 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_7 23710 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_8 23711 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT_IC_9 23700 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT___1 23545 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BARRETT___2 23546 | 79.42 6.91 0.00 N | 73.72 4.29 -26.81 N | 65.83 5.92 -0.64 N | 70.97 6.47 -0.03 N | 77.38 6.71 -1.00 N | 74.39 6.31 -6.21 N | 62.69 5.01 -10.21 N | 68.02 4.44 -24.71 N | 76.42 5.84 -22.06 N | 81.83 4.70 -38.23 N | 79.80 3.72 -43.85 N | 80.31 7.77 -3.03 N | 79.52 7.17 -5.64 N | 78.68 4.91 -28.53 N | 76.17 4.91 -25.04 N | 77.00 4.57 -29.09 N | 94.43 4.76 -46.51 N | 69.87 5.10 -18.56 N | 140.18 1.79 -122.78 N | 103.39 7.48 -30.15 N | 111.34 5.85 -54.55 N | 80.14 5.36 -25.69 N | 77.28 6.99 -4.01 N | 77.06 6.42 -8.51 N |
| BEAVER RIVER___HYD 24048 | 71.72 -0.78 0.00 N | 42.01 -0.62 0.00 N | 58.41 -0.86 0.00 N | 63.58 -0.89 0.00 N | 68.69 -0.97 0.00 N | 61.00 -0.88 0.00 N | 46.68 -0.79 0.00 N | 38.28 -0.60 0.00 N | 48.01 -0.50 0.00 N | 38.59 -0.31 0.00 N | 31.94 -0.29 0.00 N | 68.83 -0.68 0.00 N | 66.32 -0.39 0.00 N | 44.94 -0.30 0.00 N | 45.85 -0.36 0.00 N | 42.96 -0.38 0.00 N | 42.75 -0.41 0.00 N | 45.80 -0.42 0.00 N | 15.58 -0.03 0.00 N | 65.78 0.02 0.00 N | 50.77 -0.16 0.00 N | 48.87 -0.22 0.00 N | 65.58 -0.70 0.00 N | 61.11 -1.02 0.00 N |
| BEEBEE_GT_13 23619 | 67.55 -4.96 0.00 N | 42.38 -3.36 -3.11 N | 54.75 -4.52 0.00 N | 59.62 -4.84 0.00 N | 64.27 -5.39 0.00 N | 56.83 -5.04 0.00 N | 43.29 -3.56 0.62 N | 36.29 -2.59 0.00 N | 45.79 -2.73 0.00 N | 41.18 -1.74 -4.03 N | 35.75 -1.27 -4.78 N | 66.39 -3.12 0.00 N | 63.08 -3.63 0.00 N | 43.05 -2.19 0.00 N | 43.96 -2.25 0.00 N | 41.52 -1.82 0.00 N | 41.74 -1.42 0.00 N | 44.84 -1.37 0.00 N | 29.04 -0.33 -13.74 N | 64.17 -1.60 0.00 N | 49.69 -1.75 -0.50 N | 49.04 -2.29 -2.25 N | 62.51 -3.77 0.00 N | 58.40 -3.74 -0.02 N |
| BETHLEHEM___GRP 23843 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |

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| BETHLEHEM___GS1 323560 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| BETHLEHEM___GS2 323561 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| BETHLEHEM___GS3 323562 | 76.31 3.80 0.00 N | 78.95 2.36 -33.96 N | 62.46 3.18 0.00 N | 67.83 3.36 0.00 N | 73.28 3.62 0.00 N | 65.22 3.35 0.00 N | 50.03 2.56 0.00 N | 41.03 2.15 0.00 N | 51.22 2.71 0.00 N | 85.25 2.39 -43.96 N | 86.40 1.92 -52.25 N | 73.46 3.95 0.00 N | 70.27 3.56 0.00 N | 47.65 2.41 0.00 N | 48.61 2.40 0.00 N | 45.51 2.17 0.00 N | 45.27 2.10 0.00 N | 48.82 2.61 0.00 N | 167.05 0.88 -150.55 N | 69.32 3.56 0.00 N | 59.27 2.83 -5.50 N | 76.38 2.67 -24.62 N | 69.77 3.50 0.00 N | 65.62 3.26 -0.23 N |
| BETHLEHEM___STEEL 23779 | 65.18 -7.32 0.00 N | 41.86 -5.16 -4.39 N | 52.38 -6.90 0.00 N | 57.75 -6.72 0.00 N | 62.10 -7.57 0.00 N | 54.17 -7.71 0.00 N | 40.89 -6.07 0.51 N | 34.32 -4.55 0.00 N | 43.48 -5.04 0.00 N | 41.02 -3.56 -5.69 N | 36.14 -2.85 -6.76 N | 63.48 -6.03 0.00 N | 59.99 -6.72 0.00 N | 40.68 -4.55 0.00 N | 41.46 -4.74 0.00 N | 39.19 -4.15 0.00 N | 39.42 -3.74 0.00 N | 42.12 -4.09 0.00 N | 33.87 -1.16 -19.42 N | 60.58 -5.18 0.00 N | 47.13 -4.52 -0.71 N | 47.33 -4.93 -3.18 N | 59.59 -6.68 0.00 N | 56.15 -6.00 -0.03 N |
| BETHPAGE_CC_5 323564 | 78.97 6.46 0.00 N | 73.49 4.05 -26.81 N | 65.66 5.74 -0.64 N | 70.85 6.35 -0.03 N | 77.29 6.63 -1.00 N | 74.34 6.25 -6.21 N | 62.59 4.91 -10.21 N | 67.91 4.33 -24.71 N | 76.24 5.67 -22.06 N | 81.67 4.55 -38.23 N | 79.60 3.52 -43.85 N | 80.09 7.54 -3.03 N | 79.39 7.05 -5.64 N | 78.65 4.88 -28.53 N | 76.14 4.88 -25.04 N | 76.96 4.52 -29.09 N | 94.49 4.82 -46.51 N | 69.73 4.95 -18.56 N | 140.13 1.73 -122.78 N | 103.16 7.26 -30.15 N | 111.32 5.83 -54.55 N | 80.10 5.32 -25.69 N | 77.23 6.94 -4.01 N | 76.85 6.21 -8.51 N |
| BINGHAMTON___COGEN 23790 | 71.54 -0.96 0.00 N | 50.69 -0.88 -8.93 N | 58.17 -1.10 0.00 N | 63.57 -0.90 0.00 N | 68.49 -1.17 0.00 N | 60.62 -1.26 0.00 N | 46.62 -0.80 0.05 N | 38.66 -0.22 0.00 N | 48.74 0.22 0.00 N | 50.87 0.40 -11.57 N | 46.14 0.16 -13.75 N | 69.85 0.34 0.00 N | 66.31 -0.40 0.00 N | 44.88 -0.36 0.00 N | 45.83 -0.38 0.00 N | 43.04 -0.30 0.00 N | 42.97 -0.20 0.00 N | 46.08 -0.14 0.00 N | 54.76 0.09 -39.06 N | 66.08 0.32 0.00 N | 52.31 -0.05 -1.42 N | 55.08 -0.36 -6.35 N | 65.53 -0.75 0.00 N | 61.24 -0.95 -0.06 N |
| BLACK RIVER___HYD 24047 | 71.19 -1.31 0.00 N | 42.65 -0.97 -0.99 N | 57.92 -1.36 0.00 N | 63.06 -1.40 0.00 N | 68.12 -1.54 0.00 N | 60.52 -1.36 0.00 N | 46.38 -1.09 -0.01 N | 38.06 -0.82 0.00 N | 47.80 -0.72 0.00 N | 39.78 -0.40 -1.28 N | 33.36 -0.40 -1.52 N | 68.51 -1.00 0.00 N | 65.86 -0.85 0.00 N | 44.62 -0.62 0.00 N | 45.49 -0.72 0.00 N | 42.63 -0.72 0.00 N | 42.49 -0.68 0.00 N | 45.63 -0.59 0.00 N | 19.91 -0.07 -4.36 N | 65.59 -0.17 0.00 N | 50.74 -0.36 -0.16 N | 49.36 -0.44 -0.71 N | 65.23 -1.04 0.00 N | 60.72 -1.41 -0.01 N |
| BLUE_CIRC_CHEM_DRP 24182 | 75.59 3.08 0.00 N | 78.15 1.90 -33.62 N | 61.83 2.56 0.00 N | 67.19 2.72 0.00 N | 72.56 2.90 0.00 N | 64.49 2.61 0.00 N | 49.25 1.78 0.00 N | 40.37 1.50 0.00 N | 50.40 1.89 0.00 N | 84.12 1.71 -43.51 N | 85.32 1.37 -51.71 N | 72.29 2.78 0.00 N | 69.20 2.49 0.00 N | 46.93 1.69 0.00 N | 47.86 1.66 0.00 N | 44.83 1.49 0.00 N | 44.62 1.46 0.00 N | 48.03 1.81 0.00 N | 165.04 0.62 -148.80 N | 68.33 2.57 0.00 N | 58.39 2.02 -5.43 N | 75.32 1.90 -24.33 N | 68.72 2.45 0.00 N | 64.68 2.34 -0.22 N |
| BOC_GAS_DRP 24189 | 75.51 3.00 0.00 N | 78.49 1.89 -33.96 N | 61.83 2.55 0.00 N | 67.19 2.72 0.00 N | 72.57 2.91 0.00 N | 64.51 2.63 0.00 N | 49.40 1.93 0.00 N | 40.49 1.62 0.00 N | 50.53 2.02 0.00 N | 84.65 1.79 -43.96 N | 85.91 1.43 -52.25 N | 72.42 2.91 0.00 N | 69.33 2.62 0.00 N | 47.02 1.78 0.00 N | 47.97 1.77 0.00 N | 44.93 1.60 0.00 N | 44.75 1.58 0.00 N | 48.10 1.89 0.00 N | 166.59 0.65 -150.33 N | 68.40 2.64 0.00 N | 58.51 2.09 -5.49 N | 75.66 1.99 -24.58 N | 68.89 2.61 0.00 N | 64.84 2.49 -0.23 N |
| BORALEX_4TH_BRANCH 23824 | 76.02 3.51 0.00 N | 78.92 2.38 -33.92 N | 62.36 3.08 0.00 N | 67.64 3.17 0.00 N | 73.22 3.56 0.00 N | 65.35 3.48 0.00 N | 50.23 2.76 0.00 N | 41.15 2.27 0.00 N | 51.19 2.67 0.00 N | 85.18 2.39 -43.90 N | 86.32 1.92 -52.17 N | 73.23 3.72 0.00 N | 70.32 3.61 0.00 N | 47.78 2.54 0.00 N | 48.73 2.53 0.00 N | 45.57 2.23 0.00 N | 45.26 2.10 0.00 N | 48.99 2.78 0.00 N | 166.79 0.84 -150.33 N | 68.80 3.04 0.00 N | 59.24 2.81 -5.49 N | 76.38 2.70 -24.58 N | 69.72 3.44 0.00 N | 65.59 3.24 -0.23 N |
| BOWLINE___1 23526 | 77.69 5.19 0.00 N | 71.88 3.08 -26.16 N | 63.42 4.15 0.00 N | 68.92 4.46 0.00 N | 74.31 4.65 0.00 N | 66.19 4.32 0.00 N | 50.97 3.51 0.01 N | 41.95 3.07 0.00 N | 52.54 4.03 0.00 N | 76.23 3.47 -33.86 N | 75.29 2.81 -40.25 N | 75.40 5.89 0.00 N | 72.00 5.29 0.00 N | 48.79 3.55 0.00 N | 49.72 3.51 0.00 N | 46.55 3.22 0.00 N | 46.28 3.12 0.00 N | 49.93 3.71 0.00 N | 132.56 1.30 -115.64 N | 71.39 5.63 0.00 N | 59.53 4.37 -4.22 N | 72.05 4.05 -18.91 N | 71.47 5.19 0.00 N | 66.93 4.63 -0.17 N |
| BOWLINE___2 23595 | 77.70 5.20 0.00 N | 71.88 3.08 -26.16 N | 63.43 4.16 0.00 N | 68.94 4.47 0.00 N | 74.33 4.67 0.00 N | 66.20 4.32 0.00 N | 50.97 3.51 0.01 N | 41.95 3.07 0.00 N | 52.55 4.04 0.00 N | 76.23 3.47 -33.86 N | 75.29 2.81 -40.25 N | 75.42 5.91 0.00 N | 72.00 5.29 0.00 N | 48.80 3.56 0.00 N | 49.72 3.51 0.00 N | 46.56 3.22 0.00 N | 46.28 3.12 0.00 N | 49.93 3.71 0.00 N | 132.56 1.30 -115.64 N | 71.39 5.64 0.00 N | 59.54 4.38 -4.22 N | 72.05 4.06 -18.91 N | 71.48 5.20 0.00 N | 66.94 4.64 -0.17 N |
| BROOKHAVEN___DRP 24191 | 78.06 5.56 0.00 N | 73.06 3.63 -26.81 N | 65.23 5.32 -0.64 N | 70.62 6.12 -0.03 N | 77.22 6.56 -1.00 N | 74.28 6.19 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.15 -24.71 N | 75.99 5.42 -22.06 N | 81.41 4.29 -38.23 N | 79.28 3.20 -43.85 N | 79.45 6.91 -3.03 N | 78.89 6.55 -5.64 N | 78.39 4.62 -28.53 N | 75.84 4.59 -25.04 N | 76.69 4.26 -29.09 N | 94.31 4.63 -46.51 N | 69.62 4.84 -18.56 N | 140.09 1.70 -122.78 N | 102.60 6.69 -30.15 N | 111.06 5.57 -54.55 N | 79.81 5.04 -25.69 N | 76.71 6.42 -4.01 N | 76.36 5.72 -8.51 N |
| BROOKLYN_NAVY_YARD 23515 | 78.55 6.04 0.00 N | 73.00 3.56 -26.81 N | 64.11 4.84 0.00 N | 69.61 5.14 0.00 N | 75.02 5.36 0.00 N | 66.83 4.96 0.00 N | 51.49 4.02 0.01 N | 42.33 3.45 0.00 N | 53.05 4.54 0.00 N | 77.44 3.85 -34.70 N | 76.48 3.01 -41.23 N | 75.93 6.42 0.00 N | 72.46 5.75 0.00 N | 49.12 3.89 0.00 N | 50.08 3.88 0.00 N | 46.92 3.58 0.00 N | 46.59 3.43 0.00 N | 50.30 4.09 0.00 N | 135.53 1.44 -118.48 N | 71.92 6.16 0.00 N | 59.97 4.71 -4.33 N | 72.83 4.37 -19.37 N | 71.99 5.71 0.00 N | 67.44 5.13 -0.18 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 | 72.74 0.24 0.00 N | 42.66 0.03 0.00 N | 59.29 0.02 0.00 N | 64.55 0.08 0.00 N | 69.70 0.03 0.00 N | 61.91 0.03 0.00 N | 47.50 0.03 0.00 N | 39.00 0.12 0.00 N | 48.89 0.38 0.00 N | 39.32 0.43 0.00 N | 32.58 0.34 0.00 N | 70.20 0.69 0.00 N | 67.32 0.61 0.00 N | 45.61 0.37 0.00 N | 46.53 0.32 0.00 N | 43.64 0.29 0.00 N | 43.48 0.31 0.00 N | 46.67 0.45 0.00 N | 15.84 0.23 0.00 N | 66.77 1.01 0.00 N | 51.57 0.64 0.00 N | 49.55 0.46 0.00 N | 66.62 0.34 0.00 N | 62.21 0.09 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 79.17 6.66 0.00 N | 73.58 4.14 -26.81 N | 65.77 5.86 -0.64 N | 70.96 6.46 -0.03 N | 77.39 6.72 -1.00 N | 74.41 6.32 -6.21 N | 62.68 5.00 -10.21 N | 67.98 4.40 -24.71 N | 76.34 5.77 -22.06 N | 81.77 4.64 -38.23 N | 79.70 3.62 -43.85 N | 80.29 7.75 -3.03 N | 79.57 7.23 -5.64 N | 78.75 4.98 -28.53 N | 76.25 4.99 -25.04 N | 77.06 4.63 -29.09 N | 94.64 4.97 -46.51 N | 69.77 4.99 -18.56 N | 140.16 1.77 -122.78 N | 103.36 7.45 -30.15 N | 111.45 5.96 -54.55 N | 80.22 5.44 -25.69 N | 77.37 7.08 -4.01 N | 76.99 6.35 -8.51 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 79.17 6.66 0.00 N | 73.58 4.14 -26.81 N | 65.77 5.86 -0.64 N | 70.96 6.46 -0.03 N | 77.39 6.72 -1.00 N | 74.41 6.32 -6.21 N | 62.68 5.00 -10.21 N | 67.98 4.40 -24.71 N | 76.34 5.77 -22.06 N | 81.77 4.64 -38.23 N | 79.70 3.62 -43.85 N | 80.29 7.75 -3.03 N | 79.57 7.23 -5.64 N | 78.75 4.98 -28.53 N | 76.25 4.99 -25.04 N | 77.06 4.63 -29.09 N | 94.64 4.97 -46.51 N | 69.77 4.99 -18.56 N | 140.16 1.77 -122.78 N | 103.36 7.45 -30.15 N | 111.45 5.96 -54.55 N | 80.22 5.44 -25.69 N | 77.37 7.08 -4.01 N | 76.99 6.35 -8.51 N | |
| CALPINE_BP_GT1 23823 | 79.17 6.66 0.00 N | 73.58 4.14 -26.81 N | 65.77 5.86 -0.64 N | 70.96 6.46 -0.03 N | 77.39 6.72 -1.00 N | 74.41 6.32 -6.21 N | 62.68 5.00 -10.21 N | 67.98 4.40 -24.71 N | 76.34 5.77 -22.06 N | 81.77 4.64 -38.23 N | 79.70 3.62 -43.85 N | 80.29 7.75 -3.03 N | 79.57 7.23 -5.64 N | 78.75 4.98 -28.53 N | 76.25 4.99 -25.04 N | 77.06 4.63 -29.09 N | 94.64 4.97 -46.51 N | 69.77 4.99 -18.56 N | 140.16 1.77 -122.78 N | 103.36 7.45 -30.15 N | 111.45 5.96 -54.55 N | 80.22 5.44 -25.69 N | 77.37 7.08 -4.01 N | 76.99 6.35 -8.51 N | |
| CALSPAN___DRP 24200 | 65.18 -7.32 0.00 N | 41.86 -5.16 -4.39 N | 52.38 -6.90 0.00 N | 57.75 -6.72 0.00 N | 62.10 -7.57 0.00 N | 54.17 -7.71 0.00 N | 40.89 -6.07 0.51 N | 34.32 -4.55 0.00 N | 43.48 -5.04 0.00 N | 41.02 -3.56 -5.69 N | 36.14 -2.85 0.00 N | 63.48 -6.03 0.00 N | 59.99 -6.72 0.00 N | 40.68 -4.55 0.00 N | 41.46 -4.74 0.00 N | 39.19 -4.15 0.00 N | 39.42 -3.74 0.00 N | 42.12 -4.09 0.00 N | 33.87 -1.16 -19.42 N | 60.58 -5.18 0.00 N | 47.13 -4.52 -0.71 N | 47.33 -4.93 -3.18 N | 59.59 -6.68 0.00 N | 56.15 -6.00 -0.03 N | |
| CARR STREET_E__SYR 24060 | 70.87 -1.64 0.00 N | 43.68 -1.12 -2.17 N | 57.73 -1.54 0.00 N | 62.90 -1.57 0.00 N | 67.85 -1.81 0.00 N | 60.17 -1.71 0.00 N | 46.23 -1.25 -0.01 N | 38.01 -0.87 0.00 N | 47.67 -0.84 0.00 N | 41.21 -0.50 -2.81 N | 35.17 -0.40 -3.34 N | 68.56 -0.95 0.00 N | 65.51 -1.20 0.00 N | 44.42 -0.81 0.00 N | 45.35 -0.86 0.00 N | 42.55 -0.78 0.00 N | 42.40 -0.77 0.00 N | 45.53 -0.68 0.00 N | 25.06 -0.16 -9.60 N | 65.06 -0.69 0.00 N | 50.61 -0.68 -0.35 N | 49.78 -0.88 -1.57 N | 64.87 -1.41 0.00 N | 60.72 -1.41 -0.01 N | |
| CARTHAGE___PAPER 23857 | 71.42 -1.08 0.00 N | 42.64 -0.83 -0.84 N | 58.14 -1.13 0.00 N | 63.29 -1.18 0.00 N | 68.36 -1.30 0.00 N | 60.73 -1.15 0.00 N | 46.52 -0.95 0.00 N | 38.14 -0.73 0.00 N | 47.89 -0.63 0.00 N | 39.62 -0.37 -1.09 N | 33.16 -0.37 -1.29 N | 68.62 -0.88 0.00 N | 66.05 -0.66 0.00 N | 44.74 -0.50 0.00 N | 45.64 -0.57 0.00 N | 42.75 -0.59 0.00 N | 42.57 -0.59 0.00 N | 45.69 -0.53 0.00 N | 19.25 -0.07 -3.71 N | 65.66 -0.10 0.00 N | 50.79 -0.28 -0.13 N | 49.35 -0.34 -0.61 N | 65.38 -0.90 0.00 N | 60.89 -1.24 -0.01 N | |
| CE_DUNWOOD___DRP 24194 | 78.04 5.53 0.00 N | 72.68 3.29 -26.76 N | 63.73 4.45 0.00 N | 69.26 4.80 0.00 N | 74.68 5.01 0.00 N | 66.52 4.64 0.00 N | 51.21 3.75 0.01 N | 42.14 3.26 0.00 N | 52.78 4.27 0.00 N | 77.18 3.65 -34.63 N | 76.33 2.93 -41.16 N | 75.70 6.19 0.00 N | 72.27 5.56 0.00 N | 48.99 3.75 0.00 N | 49.95 3.74 0.00 N | 46.78 3.44 0.00 N | 46.52 3.36 0.00 N | 50.17 3.95 0.00 N | 135.48 1.39 -118.48 N | 71.66 5.90 0.00 N | 59.84 4.58 -4.32 N | 72.67 4.25 -19.34 N | 71.74 5.46 0.00 N | 67.20 4.90 -0.18 N | |
| CE_MILLWOOD___DRP 24193 | 77.90 5.39 0.00 N | 72.55 3.21 -26.71 N | 63.62 4.34 0.00 N | 69.13 4.67 0.00 N | 74.55 4.89 0.00 N | 66.40 4.53 0.00 N | 51.13 3.67 0.01 N | 42.06 3.18 0.00 N | 52.69 4.17 0.00 N | 77.04 3.57 -34.57 N | 76.18 2.87 -41.08 N | 75.54 6.03 0.00 N | 72.14 5.43 0.00 N | 48.89 3.65 0.00 N | 49.83 3.62 0.00 N | 46.66 3.32 0.00 N | 46.38 3.22 0.00 N | 50.05 3.84 0.00 N | 135.00 1.34 -118.04 N | 71.52 5.76 0.00 N | 59.72 4.48 -4.31 N | 72.54 4.15 -19.30 N | 71.61 5.34 0.00 N | 67.08 4.77 -0.18 N | |
| CE_NYC2_DRP 24202 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.08 4.81 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.87 5.00 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.05 4.53 0.00 N | 77.38 3.79 -34.70 N | 76.55 3.08 -41.23 N | 76.04 6.53 0.00 N | 72.53 5.82 0.00 N | 49.14 3.90 0.00 N | 50.12 3.91 0.00 N | 46.97 3.63 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.93 6.17 0.00 N | 59.98 4.71 -4.33 N | 72.85 4.39 -19.37 N | 71.96 5.68 0.00 N | 67.40 5.09 -0.18 N | |
| CE_NYC_DRP 24195 | 78.67 6.16 0.00 N | 73.07 3.63 -26.81 N | 64.17 4.90 0.00 N | 69.71 5.25 0.00 N | 75.13 5.47 0.00 N | 66.95 5.07 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.17 4.66 0.00 N | 77.57 3.98 -34.70 N | 76.65 3.18 -41.23 N | 76.22 6.71 0.00 N | 72.74 6.03 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.09 3.75 0.00 N | 46.76 3.60 0.00 N | 50.52 4.31 0.00 N | 135.60 1.51 -118.48 N | 72.23 6.47 0.00 N | 60.18 4.92 -4.33 N | 73.03 4.57 -19.37 N | 72.20 5.92 0.00 N | 67.61 5.31 -0.18 N | |
| CHAT_HIGH_FALL_HYD 323578 | 71.28 -1.23 0.00 N | 42.00 -0.63 0.00 N | 58.40 -0.87 0.00 N | 63.49 -0.98 0.00 N | 68.72 -0.94 0.00 N | 61.19 -0.69 0.00 N | 46.79 -0.68 0.00 N | 38.11 -0.77 0.00 N | 47.31 -1.20 0.00 N | 37.67 -1.23 0.00 N | 31.22 -1.01 0.00 N | 67.48 -2.03 0.00 N | 65.24 -1.47 0.00 N | 44.28 -0.96 0.00 N | 45.30 -0.91 0.00 N | 42.48 -0.86 0.00 N | 42.28 -0.88 0.00 N | 45.07 -1.15 0.00 N | 15.12 -0.49 0.00 N | 63.76 -2.00 0.00 N | 49.67 -1.27 0.00 N | 48.13 -0.96 0.00 N | 65.14 -1.14 0.00 N | 61.26 -0.87 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 77.78 5.27 0.00 N | 74.13 3.16 -28.34 N | 63.55 4.28 0.00 N | 69.07 4.60 0.00 N | 74.49 4.83 0.00 N | 66.34 4.46 0.00 N | 51.06 3.59 0.01 N | 41.99 3.11 0.00 N | 52.57 4.06 0.00 N | 79.06 3.49 -36.68 N | 78.63 2.81 -43.59 N | 75.44 5.93 0.00 N | 72.05 5.34 0.00 N | 48.81 3.57 0.00 N | 49.74 3.53 0.00 N | 46.58 3.24 0.00 N | 46.31 3.15 0.00 N | 49.97 3.75 0.00 N | 142.38 1.30 -125.46 N | 71.33 5.57 0.00 N | 59.85 4.34 -4.58 N | 73.62 4.01 -20.52 N | 71.45 5.18 0.00 N | 66.96 4.65 -0.19 N | |
| CH_MISC_IPPS | 77.01 | 72.74 | 62.97 | 68.42 | 73.81 | 65.75 | 50.59 | 41.60 | 52.06 | 77.37 | 76.80 | 74.88 | 71.50 | 48.41 | 49.26 | 46.13 | 45.87 | 49.51 | 137.64 | 70.74 | 59.21 | 72.39 | 70.76 | 66.37 | |

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| 23765 | 4.51 0.00 N | 2.76 -27.35 N | 3.70 0.00 N | 3.96 0.00 N | 4.15 0.00 N | 3.87 0.00 N | 3.13 0.01 N | 2.72 0.00 N | 3.55 0.00 N | 3.08 -35.40 N | 2.49 -42.07 N | 5.37 0.00 N | 4.79 0.00 N | 3.17 0.00 N | 3.05 0.00 N | 2.79 0.00 N | 2.71 0.00 N | 3.30 0.00 N | 1.15 -120.88 N | 4.98 0.00 N | 3.86 -4.41 N | 3.54 -19.77 N | 4.48 0.00 N | 4.06 -0.18 N |
| CH_RES_BVR_FALLS 23983 | 71.62 -0.89 0.00 N | 40.95 -0.30 1.38 N | 58.86 -0.42 0.00 N | 64.07 -0.40 0.00 N | 69.28 -0.38 0.00 N | 61.56 -0.32 0.00 N | 47.16 -0.31 0.00 N | 38.50 -0.38 0.00 N | 48.01 -0.51 0.00 N | 36.64 -0.47 1.79 N | 29.77 -0.34 2.13 N | 68.90 -0.61 0.00 N | 66.06 -0.65 0.00 N | 44.61 -0.63 0.00 N | 45.55 -0.65 0.00 N | 42.72 -0.61 0.00 N | 42.67 -0.49 0.00 N | 45.73 -0.48 0.00 N | 9.55 -0.17 5.89 N | 65.03 -0.73 0.00 N | 50.17 -0.56 0.21 N | 47.64 -0.48 0.96 N | 65.65 -0.62 0.00 N | 61.55 -0.56 0.01 N |
| CH_RES_NIAGARA 23895 | 64.55 -7.95 0.00 N | 41.09 -5.48 -3.95 N | 51.90 -7.37 0.00 N | 57.22 -7.25 0.00 N | 61.59 -8.08 0.00 N | 53.57 -8.31 0.00 N | 40.21 -6.71 0.55 N | 33.59 -5.29 0.00 N | 42.36 -6.15 0.00 N | 39.54 -4.47 -5.11 N | 34.89 -3.41 -6.07 N | 62.11 -7.40 0.00 N | 58.92 -7.79 0.00 N | 40.07 -5.16 0.00 N | 40.81 -5.40 0.00 N | 38.62 -4.72 0.00 N | 38.90 -4.26 0.00 N | 41.51 -4.70 0.00 N | 31.43 -1.42 -17.24 N | 59.47 -6.28 0.00 N | 46.27 -5.30 -0.64 N | 46.32 -5.62 -2.85 N | 58.78 -7.50 0.00 N | 55.67 -6.48 -0.03 N |
| CH_RES_SYRACUSE 23985 | 71.10 -1.41 0.00 N | 44.24 -0.96 -2.57 N | 57.93 -1.34 0.00 N | 63.08 -1.39 0.00 N | 68.06 -1.61 0.00 N | 60.38 -1.49 0.00 N | 46.44 -1.06 -0.02 N | 38.15 -0.73 0.00 N | 47.85 -0.66 0.00 N | 41.88 -0.34 -3.32 N | 35.92 -0.26 -3.95 N | 68.85 -0.65 0.00 N | 65.83 -0.88 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.65 0.00 N | 42.77 -0.57 0.00 N | 42.66 -0.50 0.00 N | 45.80 -0.41 0.00 N | 26.67 -0.07 -11.13 N | 65.45 -0.30 0.00 N | 50.97 -0.38 -0.41 N | 50.34 -0.60 -1.86 N | 65.20 -1.08 0.00 N | 61.05 -1.09 -0.02 N |
| COLONIE_LFGE__ 323577 | 76.23 3.73 0.00 N | 79.08 2.39 -34.06 N | 62.43 3.15 0.00 N | 67.76 3.30 0.00 N | 73.31 3.65 0.00 N | 65.35 3.48 0.00 N | 50.20 2.73 0.00 N | 41.13 2.25 0.00 N | 51.28 2.77 0.00 N | 85.48 2.50 -44.09 N | 86.64 2.01 -52.40 N | 73.53 4.03 0.00 N | 70.46 3.75 0.00 N | 47.82 2.58 0.00 N | 48.76 2.56 0.00 N | 45.64 2.30 0.00 N | 45.38 2.22 0.00 N | 49.05 2.83 0.00 N | 167.53 0.93 -150.99 N | 69.29 3.53 0.00 N | 59.43 2.98 -5.51 N | 76.59 2.81 -24.69 N | 69.87 3.59 0.00 N | 65.68 3.33 -0.23 N |
| CORNELL____ 23752 | 68.36 -4.14 0.00 N | 44.91 -2.75 -5.04 N | 55.34 -3.93 0.00 N | 60.38 -4.09 0.00 N | 65.07 -4.60 0.00 N | 57.68 -4.20 0.00 N | 44.41 -3.07 -0.02 N | 36.68 -2.20 0.00 N | 46.37 -2.14 0.00 N | 44.42 -0.99 -6.52 N | 39.13 -0.85 -7.75 N | 67.70 -1.81 0.00 N | 64.37 -2.34 0.00 N | 43.10 -2.14 0.00 N | 44.21 -2.00 0.00 N | 41.64 -1.70 0.00 N | 41.24 -1.93 0.00 N | 44.43 -1.79 0.00 N | 37.14 -0.51 -22.04 N | 63.62 -2.13 0.00 N | 49.73 -2.00 -0.79 N | 50.26 -2.37 -3.53 N | 62.61 -3.66 0.00 N | 58.41 -3.75 -0.03 N |
| COXSACKIE___GT 23611 | 78.54 6.03 0.00 N | 76.16 3.57 -29.97 N | 64.14 4.87 0.00 N | 69.68 5.22 0.00 N | 75.23 5.57 0.00 N | 66.96 5.08 0.00 N | 51.36 3.90 0.01 N | 42.19 3.31 0.00 N | 52.81 4.30 0.00 N | 81.39 3.71 -38.78 N | 81.34 3.01 -46.09 N | 75.91 6.40 0.00 N | 72.52 5.81 0.00 N | 49.11 3.88 0.00 N | 50.07 3.86 0.00 N | 46.90 3.56 0.00 N | 46.67 3.50 0.00 N | 50.39 4.18 0.00 N | 149.73 1.46 -132.66 N | 71.87 6.11 0.00 N | 60.49 4.70 -4.84 N | 75.16 4.37 -21.69 N | 71.90 5.63 0.00 N | 67.45 5.12 -0.20 N |
| CRESCENT___HYD 24018 | 76.23 3.73 0.00 N | 79.08 2.39 -34.06 N | 62.43 3.15 0.00 N | 67.76 3.30 0.00 N | 73.31 3.65 0.00 N | 65.35 3.48 0.00 N | 50.20 2.73 0.00 N | 41.13 2.25 0.00 N | 51.28 2.77 0.00 N | 85.48 2.50 -44.09 N | 86.64 2.01 -52.40 N | 73.53 4.03 0.00 N | 70.46 3.75 0.00 N | 47.82 2.58 0.00 N | 48.76 2.56 0.00 N | 45.64 2.30 0.00 N | 45.38 2.22 0.00 N | 49.05 2.83 0.00 N | 167.53 0.93 -150.99 N | 69.29 3.53 0.00 N | 59.43 2.98 -5.51 N | 76.59 2.81 -24.69 N | 69.87 3.59 0.00 N | 65.68 3.33 -0.23 N |
| CRUCIBLE_METL_DRP 24180 | 71.10 -1.41 0.00 N | 44.24 -0.96 -2.57 N | 57.93 -1.34 0.00 N | 63.08 -1.39 0.00 N | 68.06 -1.61 0.00 N | 60.38 -1.49 0.00 N | 46.44 -1.06 -0.02 N | 38.15 -0.73 0.00 N | 47.85 -0.66 0.00 N | 41.88 -0.34 -3.32 N | 35.92 -0.26 -3.95 N | 68.85 -0.65 0.00 N | 65.83 -0.88 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.65 0.00 N | 42.77 -0.57 0.00 N | 42.66 -0.50 0.00 N | 45.80 -0.41 0.00 N | 26.67 -0.07 -11.13 N | 65.45 -0.30 0.00 N | 50.97 -0.38 -0.41 N | 50.34 -0.60 -1.86 N | 65.20 -1.08 0.00 N | 61.05 -1.09 -0.02 N |
| DANSKAMMER___1 23586 | 77.01 4.51 0.00 N | 72.74 2.76 -27.35 N | 62.97 3.70 0.00 N | 68.42 3.96 0.00 N | 73.81 4.15 0.00 N | 65.75 3.87 0.00 N | 50.59 3.13 0.01 N | 41.60 2.72 0.00 N | 52.06 3.55 0.00 N | 77.37 3.08 -35.40 N | 76.80 2.49 -42.07 N | 74.88 5.37 0.00 N | 71.50 4.79 0.00 N | 48.41 3.17 0.00 N | 49.26 3.05 0.00 N | 46.13 2.79 0.00 N | 45.87 2.71 0.00 N | 49.51 3.30 0.00 N | 137.64 1.15 -120.88 N | 70.74 4.98 0.00 N | 59.21 3.86 -4.41 N | 72.39 3.54 -19.77 N | 70.76 4.48 0.00 N | 66.37 4.06 -0.18 N |
| DANSKAMMER___2 23589 | 77.01 4.51 0.00 N | 72.74 2.76 -27.35 N | 62.97 3.70 0.00 N | 68.42 3.96 0.00 N | 73.81 4.15 0.00 N | 65.75 3.87 0.00 N | 50.59 3.13 0.01 N | 41.60 2.72 0.00 N | 52.06 3.55 0.00 N | 77.37 3.08 -35.40 N | 76.80 2.49 -42.07 N | 74.88 5.37 0.00 N | 71.50 4.79 0.00 N | 48.41 3.17 0.00 N | 49.26 3.05 0.00 N | 46.13 2.79 0.00 N | 45.87 2.71 0.00 N | 49.51 3.30 0.00 N | 137.64 1.15 -120.88 N | 70.74 4.98 0.00 N | 59.21 3.86 -4.41 N | 72.39 3.54 -19.77 N | 70.76 4.48 0.00 N | 66.37 4.06 -0.18 N |
| DANSKAMMER___3 23590 | 77.01 4.51 0.00 N | 72.74 2.76 -27.35 N | 62.97 3.70 0.00 N | 68.42 3.96 0.00 N | 73.81 4.15 0.00 N | 65.75 3.87 0.00 N | 50.59 3.13 0.01 N | 41.60 2.72 0.00 N | 52.06 3.55 0.00 N | 77.37 3.08 -35.40 N | 76.80 2.49 -42.07 N | 74.88 5.37 0.00 N | 71.50 4.79 0.00 N | 48.41 3.17 0.00 N | 49.26 3.05 0.00 N | 46.13 2.79 0.00 N | 45.87 2.71 0.00 N | 49.51 3.30 0.00 N | 137.64 1.15 -120.88 N | 70.74 4.98 0.00 N | 59.21 3.86 -4.41 N | 72.39 3.54 -19.77 N | 70.76 4.48 0.00 N | 66.37 4.06 -0.18 N |
| DANSKAMMER___4 23591 | 77.01 4.51 0.00 N | 72.74 2.76 -27.35 N | 62.97 3.70 0.00 N | 68.42 3.96 0.00 N | 73.81 4.15 0.00 N | 65.75 3.87 0.00 N | 50.59 3.13 0.01 N | 41.60 2.72 0.00 N | 52.06 3.55 0.00 N | 77.37 3.08 -35.40 N | 76.80 2.49 -42.07 N | 74.88 5.37 0.00 N | 71.50 4.79 0.00 N | 48.41 3.17 0.00 N | 49.26 3.05 0.00 N | 46.13 2.79 0.00 N | 45.87 2.71 0.00 N | 49.51 3.30 0.00 N | 137.64 1.15 -120.88 N | 70.74 4.98 0.00 N | 59.21 3.86 -4.41 N | 72.39 3.54 -19.77 N | 70.76 4.48 0.00 N | 66.37 4.06 -0.18 N |
| DANSKAMMER___DIESEL 23592 | 77.01 4.51 0.00 N | 72.74 2.76 -27.35 N | 62.97 3.70 0.00 N | 68.42 3.96 0.00 N | 73.81 4.15 0.00 N | 65.75 3.87 0.00 N | 50.59 3.13 0.01 N | 41.60 2.72 0.00 N | 52.06 3.55 0.00 N | 77.37 3.08 -35.40 N | 76.80 2.49 -42.07 N | 74.88 5.37 0.00 N | 71.50 4.79 0.00 N | 48.41 3.17 0.00 N | 49.26 3.05 0.00 N | 46.13 2.79 0.00 N | 45.87 2.71 0.00 N | 49.51 3.30 0.00 N | 137.64 1.15 -120.88 N | 70.74 4.98 0.00 N | 59.21 3.86 -4.41 N | 72.39 3.54 -19.77 N | 70.76 4.48 0.00 N | 66.37 4.06 -0.18 N |

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| DASHVILLE___HYD 23610 | 77.69 5.19 0.00 N | 73.33 3.11 -27.60 N | 63.43 4.16 0.00 N | 68.94 4.48 0.00 N | 74.33 4.67 0.00 N | 66.20 4.33 0.00 N | 51.00 3.54 0.01 N | 41.99 3.12 0.00 N | 52.62 4.11 0.00 N | 78.15 3.54 -35.72 N | 77.54 2.86 -42.45 N | 75.58 6.08 0.00 N | 72.16 5.45 0.00 N | 48.88 3.64 0.00 N | 49.79 3.58 0.00 N | 46.62 3.28 0.00 N | 46.35 3.19 0.00 N | 50.01 3.80 0.00 N | 139.13 1.33 -122.18 N | 71.54 5.78 0.00 N | 59.85 4.45 -4.46 N | 73.17 4.10 -19.98 N | 71.49 5.21 0.00 N | 66.93 4.62 -0.18 N |
| DOGLEVILLE___HYD 23807 | 77.51 5.00 0.00 N | 44.93 2.94 0.64 N | 63.32 4.04 0.00 N | 68.80 4.33 0.00 N | 74.30 4.64 0.00 N | 66.04 4.17 0.00 N | 50.77 3.30 0.00 N | 41.77 2.89 0.00 N | 52.42 3.91 0.00 N | 41.61 3.55 0.83 N | 34.16 2.91 0.99 N | 75.65 6.14 0.00 N | 71.94 5.23 0.00 N | 48.73 3.49 0.00 N | 49.45 3.25 0.00 N | 46.18 2.84 0.00 N | 46.23 3.07 0.00 N | 50.02 3.81 0.00 N | 14.15 1.38 2.84 N | 71.08 5.32 0.00 N | 55.00 4.17 0.10 N | 52.44 3.82 0.46 N | 71.11 4.84 0.00 N | 66.37 4.25 0.00 N |
| DUNKIRK___1 23563 | 63.05 -9.46 0.00 N | 40.94 -6.52 -4.84 N | 50.58 -8.70 0.00 N | 55.85 -8.62 0.00 N | 59.95 -9.71 0.00 N | 52.40 -9.48 0.00 N | 39.85 -7.16 0.46 N | 33.83 -5.05 0.00 N | 43.10 -5.41 0.00 N | 41.25 -3.91 -6.26 N | 36.29 -3.39 -7.44 N | 62.34 -7.17 0.00 N | 58.43 -8.28 0.00 N | 39.43 -5.81 0.00 N | 40.27 -5.94 0.00 N | 38.08 -5.26 0.00 N | 38.25 -4.91 0.00 N | 40.91 -5.31 0.00 N | 35.25 -1.53 -21.16 N | 59.13 -6.63 0.00 N | 45.94 -5.77 -0.77 N | 46.34 -6.21 -3.46 N | 57.71 -8.57 0.00 N | 53.98 -8.17 -0.03 N |
| DUNKIRK___2 23564 | 63.05 -9.46 0.00 N | 40.94 -6.52 -4.84 N | 50.58 -8.70 0.00 N | 55.85 -8.62 0.00 N | 59.95 -9.71 0.00 N | 52.40 -9.48 0.00 N | 39.85 -7.16 0.46 N | 33.83 -5.05 0.00 N | 43.10 -5.41 0.00 N | 41.25 -3.91 -6.26 N | 36.29 -3.39 -7.44 N | 62.34 -7.17 0.00 N | 58.43 -8.28 0.00 N | 39.43 -5.81 0.00 N | 40.27 -5.94 0.00 N | 38.08 -5.26 0.00 N | 38.25 -4.91 0.00 N | 40.91 -5.31 0.00 N | 35.25 -1.53 -21.16 N | 59.13 -6.63 0.00 N | 45.94 -5.77 -0.77 N | 46.34 -6.21 -3.46 N | 57.71 -8.57 0.00 N | 53.98 -8.17 -0.03 N |
| DUNKIRK___3 23565 | 63.71 -8.79 0.00 N | 41.36 -6.10 -4.84 N | 51.14 -8.13 0.00 N | 56.45 -8.02 0.00 N | 60.62 -9.05 0.00 N | 53.00 -8.88 0.00 N | 40.27 -6.74 0.46 N | 34.11 -4.77 0.00 N | 43.44 -5.07 0.00 N | 41.54 -3.61 -6.26 N | 36.53 -3.14 -7.44 N | 62.90 -6.61 0.00 N | 59.03 -7.68 0.00 N | 39.86 -5.37 0.00 N | 40.70 -5.51 0.00 N | 38.45 -4.89 0.00 N | 38.60 -4.56 0.00 N | 41.31 -4.91 0.00 N | 35.39 -1.39 -21.16 N | 59.67 -6.09 0.00 N | 46.38 -5.33 -0.77 N | 46.77 -5.78 -3.46 N | 58.32 -7.96 0.00 N | 54.60 -7.55 -0.03 N |
| DUNKIRK___4 23566 | 63.71 -8.79 0.00 N | 41.36 -6.10 -4.84 N | 51.14 -8.13 0.00 N | 56.45 -8.02 0.00 N | 60.62 -9.05 0.00 N | 53.00 -8.88 0.00 N | 40.27 -6.74 0.46 N | 34.11 -4.77 0.00 N | 43.44 -5.07 0.00 N | 41.54 -3.61 -6.26 N | 36.53 -3.14 -7.44 N | 62.90 -6.61 0.00 N | 59.03 -7.68 0.00 N | 39.86 -5.37 0.00 N | 40.70 -5.51 0.00 N | 38.45 -4.89 0.00 N | 38.60 -4.56 0.00 N | 41.31 -4.91 0.00 N | 35.39 -1.39 -21.16 N | 59.67 -6.09 0.00 N | 46.38 -5.33 -0.77 N | 46.77 -5.78 -3.46 N | 58.32 -7.96 0.00 N | 54.60 -7.55 -0.03 N |
| EAST HAMPTON___GT 23717 | 80.10 7.59 0.00 N | 74.16 4.73 -26.81 N | 66.72 6.81 -0.64 N | 72.29 7.79 -0.03 N | 79.04 8.37 -1.00 N | 75.88 7.80 -6.21 N | 63.51 5.83 -10.21 N | 68.77 5.19 -24.71 N | 77.45 6.87 -22.06 N | 82.65 5.53 -38.23 N | 80.31 4.23 -43.85 N | 81.74 9.20 -3.03 N | 81.03 8.68 -5.64 N | 79.82 6.05 -28.53 N | 77.27 6.02 -25.04 N | 78.04 5.61 -29.09 N | 95.70 6.03 -46.51 N | 71.23 6.45 -18.56 N | 140.66 2.27 -122.78 N | 105.03 9.12 -30.15 N | 112.87 7.38 -54.55 N | 81.46 6.68 -25.69 N | 78.74 8.45 -4.01 N | 78.09 7.45 -8.51 N |
| EAST RIVER___6 23660 | 78.50 5.99 0.00 N | 72.95 3.51 -26.81 N | 63.99 4.72 0.00 N | 69.53 5.07 0.00 N | 74.93 5.27 0.00 N | 66.79 4.91 0.00 N | 51.44 3.98 0.01 N | 42.31 3.43 0.00 N | 53.03 4.52 0.00 N | 77.45 3.86 -34.70 N | 76.55 3.08 -41.23 N | 76.02 6.51 0.00 N | 72.56 5.85 0.00 N | 49.17 3.94 0.00 N | 50.14 3.93 0.00 N | 46.97 3.63 0.00 N | 46.64 3.48 0.00 N | 50.39 4.17 0.00 N | 135.56 1.47 -118.48 N | 72.03 6.28 0.00 N | 60.04 4.77 -4.33 N | 72.91 4.45 -19.37 N | 72.02 5.74 0.00 N | 67.47 5.16 -0.18 N |
| EAST RIVER___7 23524 | 78.50 5.99 0.00 N | 72.95 3.51 -26.81 N | 63.99 4.72 0.00 N | 69.53 5.07 0.00 N | 74.93 5.27 0.00 N | 66.79 4.91 0.00 N | 51.44 3.98 0.01 N | 42.31 3.43 0.00 N | 53.03 4.52 0.00 N | 77.45 3.86 -34.70 N | 76.55 3.08 -41.23 N | 76.02 6.51 0.00 N | 72.56 5.85 0.00 N | 49.17 3.94 0.00 N | 50.14 3.93 0.00 N | 46.97 3.63 0.00 N | 46.64 3.48 0.00 N | 50.39 4.17 0.00 N | 135.56 1.47 -118.48 N | 72.03 6.28 0.00 N | 60.04 4.77 -4.33 N | 72.91 4.45 -19.37 N | 72.02 5.74 0.00 N | 67.47 5.16 -0.18 N |
| EAST_HAMPTON___DIESEL 23722 | 80.10 7.59 0.00 N | 74.16 4.73 -26.81 N | 66.72 6.81 -0.64 N | 72.29 7.79 -0.03 N | 79.04 8.37 -1.00 N | 75.88 7.80 -6.21 N | 63.51 5.83 -10.21 N | 68.77 5.19 -24.71 N | 77.45 6.87 -22.06 N | 82.65 5.53 -38.23 N | 80.31 4.23 -43.85 N | 81.74 9.20 -3.03 N | 81.03 8.68 -5.64 N | 79.82 6.05 -28.53 N | 77.27 6.02 -25.04 N | 78.04 5.61 -29.09 N | 95.70 6.03 -46.51 N | 71.23 6.45 -18.56 N | 140.66 2.27 -122.78 N | 105.03 9.12 -30.15 N | 112.87 7.38 -54.55 N | 81.46 6.68 -25.69 N | 78.74 8.45 -4.01 N | 78.09 7.45 -8.51 N |
| EAST_RIVER___1 323558 | 78.67 6.16 0.00 N | 73.07 3.63 -26.81 N | 64.17 4.90 0.00 N | 69.71 5.25 0.00 N | 75.13 5.47 0.00 N | 66.95 5.07 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.17 4.66 0.00 N | 77.57 3.98 -34.70 N | 76.65 3.18 -41.23 N | 76.22 6.71 0.00 N | 72.74 6.03 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.09 3.75 0.00 N | 46.76 3.60 0.00 N | 50.52 4.31 0.00 N | 135.60 1.51 -118.48 N | 72.23 6.47 0.00 N | 60.18 4.92 -4.33 N | 73.03 4.57 -19.37 N | 72.20 5.92 0.00 N | 67.61 5.31 -0.18 N |
| EAST_RIVER___2 323559 | 78.50 5.99 0.00 N | 72.95 3.51 -26.81 N | 63.99 4.72 0.00 N | 69.53 5.07 0.00 N | 74.93 5.27 0.00 N | 66.79 4.91 0.00 N | 51.44 3.98 0.01 N | 42.31 3.43 0.00 N | 53.03 4.52 0.00 N | 77.45 3.86 -34.70 N | 76.55 3.08 -41.23 N | 76.02 6.51 0.00 N | 72.56 5.85 0.00 N | 49.17 3.94 0.00 N | 50.14 3.93 0.00 N | 46.97 3.63 0.00 N | 46.64 3.48 0.00 N | 50.39 4.17 0.00 N | 135.56 1.47 -118.48 N | 72.03 6.28 0.00 N | 60.04 4.77 -4.33 N | 72.91 4.45 -19.37 N | 72.02 5.74 0.00 N | 67.47 5.16 -0.18 N |
| ELEC_TRO_TEK 24086 | 78.80 6.29 0.00 N | 73.33 3.90 -26.81 N | 65.32 5.41 -0.64 N | 70.40 5.90 -0.03 N | 76.78 6.11 -1.00 N | 73.85 5.76 -6.21 N | 62.26 4.57 -10.21 N | 67.61 4.02 -24.71 N | 75.86 5.29 -22.06 N | 81.44 4.32 -38.23 N | 79.48 3.40 -43.85 N | 79.78 7.23 -3.03 N | 79.01 6.66 -5.64 N | 78.34 4.57 -28.53 N | 75.81 4.56 -25.04 N | 76.65 4.22 -29.09 N | 94.03 4.36 -46.51 N | 69.55 4.77 -18.56 N | 140.07 1.68 -122.78 N | 102.94 7.04 -30.15 N | 111.03 5.54 -54.55 N | 79.82 5.05 -25.69 N | 76.81 6.53 -4.01 N | 76.50 5.86 -8.51 N |
| E_CANADA_CAP_HY 24051 | 71.23 -1.28 0.00 N | 88.94 -0.98 -47.29 N | 57.85 -1.42 0.00 N | 63.12 -1.34 0.00 N | 68.11 -1.55 0.00 N | 60.45 -1.43 0.00 N | 46.50 -0.96 0.01 N | 38.20 -0.68 0.00 N | 47.94 -0.58 0.00 N | 99.37 -0.74 -61.21 N | 104.34 -0.64 -72.75 N | 68.91 -0.60 0.00 N | 67.42 0.71 0.00 N | 45.64 0.41 0.00 N | 46.89 0.69 0.00 N | 44.21 0.87 0.00 N | 43.88 0.72 0.00 N | 46.79 0.57 0.00 N | 208.06 0.23 -192.22 N | 67.29 1.53 0.00 N | 58.76 0.80 -7.02 N | 81.09 0.57 -31.44 N | 66.73 0.46 0.00 N | 62.71 0.30 -0.29 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| E_CANADA_MHWK_HY 24050 | 77.51 5.00 0.00 N | 44.93 2.94 0.64 N | 63.32 4.04 0.00 N | 68.80 4.33 0.00 N | 74.30 4.64 0.00 N | 66.04 4.17 0.00 N | 50.77 3.30 0.00 N | 41.77 2.89 0.00 N | 52.42 3.91 0.00 N | 41.61 3.55 0.83 N | 34.16 2.91 0.99 N | 75.65 6.14 0.00 N | 71.94 5.23 0.00 N | 48.73 3.49 0.00 N | 49.45 3.25 0.00 N | 46.18 2.84 0.00 N | 46.23 3.07 0.00 N | 50.02 3.81 0.00 N | 14.15 1.38 2.84 N | 71.08 5.32 0.00 N | 55.00 4.17 0.10 N | 52.44 3.82 0.46 N | 71.11 4.84 0.00 N | 66.37 4.25 0.00 N | | |
| E_FISHKILL__LBMP 23776 | 77.63 5.12 0.00 N | 72.95 3.07 -27.25 N | 63.43 4.15 0.00 N | 68.92 4.45 0.00 N | 74.35 4.69 0.00 N | 66.22 4.34 0.00 N | 50.95 3.49 0.01 N | 41.90 3.02 0.00 N | 52.44 3.93 0.00 N | 77.54 3.37 -35.27 N | 76.86 2.71 -41.92 N | 75.19 5.67 0.00 N | 71.84 5.13 0.00 N | 48.70 3.47 0.00 N | 49.65 3.44 0.00 N | 46.49 3.15 0.00 N | 46.24 3.08 0.00 N | 49.85 3.64 0.00 N | 137.33 1.27 -120.44 N | 71.13 5.37 0.00 N | 59.53 4.19 -4.40 N | 72.69 3.90 -19.69 N | 71.30 5.02 0.00 N | 66.82 4.51 -0.18 N | | |
| FAR ROCKAWAY___4 23548 | 80.26 7.75 0.00 N | 74.16 4.72 -26.81 N | 66.41 6.50 -0.64 N | 71.58 7.08 -0.03 N | 78.03 7.36 -1.00 N | 74.97 6.88 -6.21 N | 63.15 5.47 -10.21 N | 68.40 4.81 -24.71 N | 76.92 6.34 -22.06 N | 82.30 5.18 -43.85 N | 80.23 4.15 -43.85 N | 80.68 8.14 -3.03 N | 79.83 7.49 -5.64 N | 78.89 5.12 -28.53 N | 76.37 5.12 -25.04 N | 77.18 4.75 -29.09 N | 94.57 4.90 -46.51 N | 70.19 5.41 -18.56 N | 140.32 1.92 -122.78 N | 104.00 8.09 -30.15 N | 111.78 6.29 -54.55 N | 80.53 5.75 -25.69 N | 78.14 7.85 -4.01 N | 77.83 7.19 -8.51 N | | |
| FARRAGUT__LBMP 323566 | 78.56 6.06 0.00 N | 73.00 3.57 -26.81 N | 64.09 4.82 0.00 N | 69.61 5.14 0.00 N | 75.02 5.36 0.00 N | 66.86 4.99 0.00 N | 51.50 4.04 0.01 N | 42.36 3.48 0.00 N | 53.10 4.59 -34.70 N | 77.51 3.92 -41.23 N | 76.59 3.12 -41.23 N | 76.11 6.60 0.00 N | 72.64 5.93 0.00 N | 49.22 3.98 0.00 N | 50.19 3.98 0.00 N | 47.02 3.68 0.00 N | 46.68 3.52 0.00 N | 50.44 4.22 0.00 N | 135.57 1.48 -118.48 N | 72.12 6.36 0.00 N | 60.10 4.84 -4.33 N | 72.95 4.49 -19.37 N | 72.10 5.82 0.00 N | 67.50 5.20 -0.18 N | | |
| FENNER__WINDPWR 24204 | 72.06 -0.45 0.00 N | 43.58 -0.43 -1.38 N | 58.64 -0.63 0.00 N | 63.87 -0.60 0.00 N | 68.92 -0.74 0.00 N | 61.17 -0.70 0.00 N | 47.02 -0.46 -0.01 N | 38.67 -0.21 0.00 N | 48.55 0.04 0.00 N | 40.97 0.28 -1.79 N | 34.60 0.24 -2.13 N | 69.98 0.47 0.00 N | 66.90 0.19 0.00 N | 45.24 0.01 0.00 N | 46.20 0.00 0.00 N | 43.37 0.03 0.00 N | 43.19 0.03 0.00 N | 46.43 0.22 0.00 N | 21.89 0.17 -6.11 N | 66.40 0.64 0.00 N | 51.48 0.31 -0.22 N | 50.12 0.03 -1.00 N | 66.03 -0.25 0.00 N | 61.68 -0.45 -0.01 N | | |
| FIBERTEK__ENERGY 23856 | 71.10 -1.41 0.00 N | 44.24 -0.96 -2.57 N | 57.93 -1.34 0.00 N | 63.08 -1.39 0.00 N | 68.06 -1.61 0.00 N | 60.38 -1.49 0.00 N | 46.44 -1.06 -0.02 N | 38.15 -0.73 0.00 N | 47.85 -0.66 0.00 N | 41.88 -0.34 -3.32 N | 35.92 -0.26 -3.95 N | 68.85 -0.65 0.00 N | 65.83 -0.88 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.65 0.00 N | 42.77 -0.57 0.00 N | 42.66 -0.50 0.00 N | 45.80 -0.41 0.00 N | 26.67 -0.07 -11.13 N | 65.45 -0.30 0.00 N | 50.97 -0.38 -0.41 N | 50.34 -0.60 -1.86 N | 65.20 -1.08 0.00 N | 61.05 -1.09 -0.02 N | | |
| FITZPATRICK____ 23598 | 69.87 -2.63 0.00 N | 42.59 -1.62 -1.58 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.65 0.00 N | 59.45 -2.43 0.00 N | 45.63 -1.84 0.00 N | 37.45 -1.42 0.00 N | 46.87 -1.64 0.00 N | 39.73 -1.21 -2.04 N | 33.69 -0.97 -2.43 N | 67.32 -2.19 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.65 -1.56 0.00 N | 41.90 -1.44 0.00 N | 41.79 -1.37 0.00 N | 44.81 -1.41 0.00 N | 22.16 -0.44 -6.98 N | 63.86 -1.90 0.00 N | 49.65 -1.55 -0.25 N | 48.61 -1.62 -1.14 N | 63.98 -2.30 0.00 N | 59.95 -2.19 -0.01 N | | |
| FORT ORANGE____ 23900 | 76.63 4.12 0.00 N | 78.54 2.54 -33.37 N | 62.69 3.42 0.00 N | 68.09 3.63 0.00 N | 73.56 3.89 0.00 N | 65.49 3.61 0.00 N | 50.27 2.79 0.00 N | 41.23 2.36 0.00 N | 51.50 2.98 0.00 N | 84.71 2.62 -43.19 N | 85.66 2.09 -51.34 N | 73.74 4.23 0.00 N | 70.31 3.60 0.00 N | 47.59 2.35 0.00 N | 48.51 2.30 0.00 N | 45.42 2.08 0.00 N | 45.20 2.04 0.00 N | 48.74 2.52 0.00 N | 164.18 0.85 -147.71 N | 69.19 3.43 0.00 N | 59.09 2.76 -5.39 N | 75.88 2.63 -24.16 N | 70.01 3.73 0.00 N | 65.90 3.56 -0.22 N | | |
| FORT_DRUM_COGEN 23780 | 71.07 -1.43 0.00 N | 42.52 -1.05 -0.94 N | 57.81 -1.46 0.00 N | 62.95 -1.52 0.00 N | 68.02 -1.65 0.00 N | 60.40 -1.48 0.00 N | 46.29 -1.18 0.00 N | 37.98 -0.90 0.00 N | 47.71 -0.81 0.00 N | 39.62 -0.49 -1.21 N | 33.22 -0.46 -1.44 N | 68.37 -1.14 0.00 N | 65.76 -0.95 0.00 N | 44.54 -0.69 0.00 N | 45.41 -0.80 0.00 N | 42.55 -0.79 0.00 N | 42.40 -0.76 0.00 N | 45.54 -0.67 0.00 N | 19.66 -0.10 -4.14 N | 65.46 -0.29 0.00 N | 50.64 -0.45 -0.15 N | 49.24 -0.52 -0.68 N | 65.10 -1.18 0.00 N | 60.62 -1.51 -0.01 N | | |
| FPL_FAR_ROCK_GT1 24212 | 80.26 7.75 0.00 N | 74.16 4.72 -26.81 N | 66.41 6.50 -0.64 N | 71.58 7.08 -0.03 N | 78.03 7.36 -1.00 N | 74.97 6.88 -6.21 N | 63.15 5.47 -10.21 N | 68.40 4.81 -24.71 N | 76.92 6.34 -22.06 N | 82.30 5.18 -38.23 N | 80.23 4.15 -43.85 N | 80.68 8.14 -3.03 N | 79.83 7.49 -5.64 N | 78.89 5.12 -28.53 N | 76.37 5.12 -25.04 N | 77.18 4.75 -29.09 N | 94.57 4.90 -46.51 N | 70.19 5.41 -18.56 N | 140.32 1.92 -122.78 N | 104.00 8.09 -30.15 N | 111.78 6.29 -54.55 N | 80.53 5.75 -25.69 N | 78.14 7.85 -4.01 N | 77.83 7.19 -8.51 N | | |
| FPL_FAR_ROCK_GT2 23815 | 80.26 7.75 0.00 N | 74.16 4.72 -26.81 N | 66.41 6.50 -0.64 N | 71.58 7.08 -0.03 N | 78.03 7.36 -1.00 N | 74.97 6.88 -6.21 N | 63.15 5.47 -10.21 N | 68.40 4.81 -24.71 N | 76.92 6.34 -22.06 N | 82.30 5.18 -38.23 N | 80.23 4.15 -43.85 N | 80.68 8.14 -3.03 N | 79.83 7.49 -5.64 N | 78.89 5.12 -28.53 N | 76.37 5.12 -25.04 N | 77.18 4.75 -29.09 N | 94.57 4.90 -46.51 N | 70.19 5.41 -18.56 N | 140.32 1.92 -122.78 N | 104.00 8.09 -30.15 N | 111.78 6.29 -54.55 N | 80.53 5.75 -25.69 N | 78.14 7.85 -4.01 N | 77.83 7.19 -8.51 N | | |
| FRANKLIN_FALL_HYD 24054 | 71.37 -1.14 0.00 N | 42.03 -0.60 0.00 N | 58.44 -0.83 0.00 N | 63.55 -0.92 0.00 N | 68.79 -0.87 0.00 N | 61.23 -0.65 0.00 N | 46.68 -0.79 0.00 N | 38.02 -0.85 0.00 N | 47.23 -1.28 0.00 N | 37.54 -1.36 0.00 N | 31.12 -1.11 0.00 N | 67.29 -2.22 0.00 N | 65.23 -1.47 0.00 N | 44.31 -0.93 0.00 N | 45.34 -0.86 0.00 N | 42.50 -0.84 0.00 N | 42.25 -0.91 0.00 N | 44.91 -1.31 0.00 N | 15.08 -0.53 0.00 N | 63.77 -1.99 0.00 N | 49.59 -1.35 0.00 N | 48.09 -1.00 0.00 N | 65.09 -1.19 0.00 N | 61.19 -0.94 0.00 N | | |
| FREEPORT_EQUS_GT1 23764 | 79.61 7.11 0.00 N | 73.82 4.38 -26.81 N | 66.03 6.12 -0.64 N | 71.22 6.72 -0.03 N | 77.67 7.01 -1.00 N | 74.65 6.56 -6.21 N | 62.87 5.19 -10.21 N | 68.15 4.57 -24.71 N | 76.59 6.01 -22.06 N | 82.01 4.88 -38.23 N | 79.91 3.83 -43.85 N | 80.72 8.18 -3.03 N | 79.94 7.59 -5.64 N | 78.98 5.21 -28.53 N | 76.47 5.22 -25.04 N | 77.27 4.84 -29.09 N | 94.92 5.24 -46.51 N | 69.88 5.10 -18.56 N | 140.22 1.82 -122.78 N | 103.59 7.69 -30.15 N | 111.58 6.10 -54.55 N | 80.38 5.60 -25.69 N | 77.71 7.42 -4.01 N | 77.30 6.66 -8.51 N | | |
| FULTON COGEN_____ | 70.66 | 43.43 | 57.57 | 62.68 | 67.64 | 60.00 | 46.10 | 37.86 | 47.47 | 40.83 | 34.81 | 68.28 | 65.31 | 44.30 | 45.22 | 42.45 | 42.34 | 45.45 | 24.37 | 64.91 | 50.48 | 49.60 | 64.76 | 60.61 | | |

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| 23766 | -1.85 0.00 N | -1.22 -2.02 N | -1.70 0.00 N | -1.79 0.00 N | -2.02 0.00 N | -1.88 0.00 N | -1.38 -0.01 N | -1.02 0.00 N | -1.05 0.00 N | -0.69 -2.62 N | -0.54 -3.11 N | -1.23 0.00 N | -1.40 0.00 N | -0.94 0.00 N | -0.99 0.00 N | -0.89 0.00 N | -0.83 0.00 N | -0.76 0.00 N | -0.19 -8.95 N | -0.85 0.00 N | -0.78 -0.33 N | -0.95 -1.46 N | -1.52 0.00 N | -1.53 -0.01 N |
| Freeport___CT2 23818 | 79.61 7.11 0.00 N | 73.82 4.38 -26.81 N | 66.03 6.12 -0.64 N | 71.22 6.72 -0.03 N | 77.67 7.01 -1.00 N | 74.65 6.56 -6.21 N | 62.87 5.19 -10.21 N | 68.15 4.57 -24.71 N | 76.59 6.01 -22.06 N | 82.01 4.88 -38.23 N | 79.91 3.83 -43.85 N | 80.72 8.18 -3.03 N | 79.94 7.59 -5.64 N | 78.98 5.21 -28.53 N | 76.47 5.22 -25.04 N | 77.27 4.84 -29.09 N | 94.92 5.24 -46.51 N | 69.88 5.10 -18.56 N | 140.22 1.82 -122.78 N | 103.59 7.69 -30.15 N | 111.58 6.10 -54.55 N | 80.38 5.60 -25.69 N | 77.71 7.42 -4.01 N | 77.30 6.66 -8.51 N |
| G.F.CEMENT___DRP 24184 | 77.18 4.67 0.00 N | 80.08 3.04 -34.41 N | 63.33 4.06 0.00 N | 68.77 4.30 0.00 N | 74.52 4.85 0.00 N | 66.56 4.68 0.00 N | 51.23 3.76 0.00 N | 41.83 2.95 0.00 N | 52.18 3.66 0.00 N | 86.64 3.21 -44.53 N | 87.77 2.60 -52.93 N | 74.72 5.22 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.62 3.41 0.00 N | 46.41 3.07 0.00 N | 46.18 3.01 0.00 N | 50.05 3.84 0.00 N | 169.57 1.23 -152.73 N | 70.41 4.65 0.00 N | 60.46 3.94 -5.58 N | 77.76 3.69 -24.98 N | 70.87 4.59 0.00 N | 66.54 4.19 -0.23 N |
| GARDENVILLE___LBMP 24039 | 64.96 -7.54 0.00 N | 41.73 -5.29 -4.39 N | 52.21 -7.06 0.00 N | 57.57 -6.90 0.00 N | 61.91 -7.75 0.00 N | 54.00 -7.88 0.00 N | 40.77 -6.18 0.52 N | 34.24 -4.64 0.00 N | 43.38 -5.13 0.00 N | 40.94 -3.64 -5.69 N | 36.07 -2.92 -6.76 N | 63.30 -6.20 0.00 N | 59.82 -6.89 0.00 N | 40.55 -4.68 0.00 N | 41.34 -4.87 0.00 N | 39.07 -4.27 0.00 N | 39.29 -3.87 0.00 N | 42.00 -4.22 0.00 N | 33.60 -1.21 -19.20 N | 60.41 -5.35 0.00 N | 46.99 -4.65 -0.70 N | 47.16 -5.07 -3.14 N | 59.40 -6.88 0.00 N | 55.95 -6.20 -0.03 N |
| GENERAL___MILLS 23808 | 65.18 -7.32 0.00 N | 41.86 -5.16 -4.39 N | 52.38 -6.90 0.00 N | 57.75 -6.72 0.00 N | 62.10 -7.57 0.00 N | 54.17 -7.71 0.00 N | 40.89 -6.07 0.51 N | 34.32 -4.55 0.00 N | 43.48 -5.04 0.00 N | 41.02 -3.56 -5.69 N | 36.14 -2.85 -6.76 N | 63.48 -6.03 0.00 N | 59.99 -6.72 0.00 N | 40.68 -4.55 0.00 N | 41.46 -4.74 0.00 N | 39.19 -4.15 0.00 N | 39.42 -3.74 0.00 N | 42.12 -4.09 0.00 N | 33.87 -1.16 -19.42 N | 60.58 -5.18 0.00 N | 47.13 -4.52 -0.71 N | 47.33 -4.93 -3.18 N | 59.59 -6.68 0.00 N | 56.15 -6.00 -0.03 N |
| GE_PLASTICS___DRP 24183 | 75.61 3.10 0.00 N | 78.25 1.95 -33.67 N | 61.94 2.67 0.00 N | 67.30 2.84 0.00 N | 72.71 3.05 0.00 N | 64.64 2.77 0.00 N | 49.37 1.90 0.00 N | 40.38 1.51 0.00 N | 50.29 1.78 0.00 N | 84.08 1.61 -43.58 N | 85.31 1.29 -51.79 N | 72.07 2.57 0.00 N | 69.02 2.31 0.00 N | 46.82 1.58 0.00 N | 47.77 1.56 0.00 N | 44.73 1.39 0.00 N | 44.51 1.35 0.00 N | 47.91 1.70 0.00 N | 165.43 0.58 -149.24 N | 68.07 2.31 0.00 N | 58.25 1.87 -5.45 N | 75.27 1.78 -24.40 N | 68.73 2.45 0.00 N | 64.81 2.46 -0.22 N |
| GILBOA___1 23756 | 75.46 2.95 0.00 N | 70.67 1.88 -26.16 N | 61.83 2.55 0.00 N | 67.24 2.77 0.00 N | 72.57 2.91 0.00 N | 64.35 2.47 0.00 N | 49.28 1.82 0.01 N | 40.48 1.60 0.00 N | 50.63 2.12 0.00 N | 74.62 1.86 -33.86 N | 73.97 1.49 -40.25 N | 72.57 3.06 0.00 N | 69.42 2.71 0.00 N | 47.07 1.83 0.00 N | 48.01 1.80 0.00 N | 44.99 1.65 0.00 N | 44.84 1.68 0.00 N | 48.05 1.84 0.00 N | 131.91 0.66 -115.64 N | 68.60 2.84 0.00 N | 57.26 2.10 -4.22 N | 70.02 2.03 -18.91 N | 68.88 2.60 0.00 N | 64.68 2.38 -0.17 N |
| GILBOA___2 23757 | 75.46 2.95 0.00 N | 70.67 1.88 -26.16 N | 61.83 2.55 0.00 N | 67.24 2.77 0.00 N | 72.57 2.91 0.00 N | 64.35 2.47 0.00 N | 49.28 1.82 0.01 N | 40.48 1.60 0.00 N | 50.63 2.12 0.00 N | 74.62 1.86 -33.86 N | 73.97 1.49 -40.25 N | 72.57 3.06 0.00 N | 69.42 2.71 0.00 N | 47.07 1.83 0.00 N | 48.01 1.80 0.00 N | 44.99 1.65 0.00 N | 44.84 1.68 0.00 N | 48.05 1.84 0.00 N | 131.91 0.66 -115.64 N | 68.60 2.84 0.00 N | 57.26 2.10 -4.22 N | 70.02 2.03 -18.91 N | 68.88 2.60 0.00 N | 64.68 2.38 -0.17 N |
| GILBOA___3 23758 | 75.46 2.95 0.00 N | 70.67 1.88 -26.16 N | 61.83 2.55 0.00 N | 67.24 2.77 0.00 N | 72.57 2.91 0.00 N | 64.35 2.47 0.00 N | 49.28 1.82 0.01 N | 40.48 1.60 0.00 N | 50.63 2.12 0.00 N | 74.62 1.86 -33.86 N | 73.97 1.49 -40.25 N | 72.57 3.06 0.00 N | 69.42 2.71 0.00 N | 47.07 1.83 0.00 N | 48.01 1.80 0.00 N | 44.99 1.65 0.00 N | 44.84 1.68 0.00 N | 48.05 1.84 0.00 N | 131.91 0.66 -115.64 N | 68.60 2.84 0.00 N | 57.26 2.10 -4.22 N | 70.02 2.03 -18.91 N | 68.88 2.60 0.00 N | 64.68 2.38 -0.17 N |
| GILBOA___4 23759 | 75.46 2.95 0.00 N | 70.67 1.88 -26.16 N | 61.83 2.55 0.00 N | 67.24 2.77 0.00 N | 72.57 2.91 0.00 N | 64.35 2.47 0.00 N | 49.28 1.82 0.01 N | 40.48 1.60 0.00 N | 50.63 2.12 0.00 N | 74.62 1.86 -33.86 N | 73.97 1.49 -40.25 N | 72.57 3.06 0.00 N | 69.42 2.71 0.00 N | 47.07 1.83 0.00 N | 48.01 1.80 0.00 N | 44.99 1.65 0.00 N | 44.84 1.68 0.00 N | 48.05 1.84 0.00 N | 131.91 0.66 -115.64 N | 68.60 2.84 0.00 N | 57.26 2.10 -4.22 N | 70.02 2.03 -18.91 N | 68.88 2.60 0.00 N | 64.68 2.38 -0.17 N |
| GILBOA___ 23599 | 75.46 2.95 0.00 N | 70.67 1.88 -26.16 N | 61.83 2.55 0.00 N | 67.24 2.77 0.00 N | 72.57 2.91 0.00 N | 64.35 2.47 0.00 N | 49.28 1.82 0.01 N | 40.48 1.60 0.00 N | 50.63 2.12 0.00 N | 74.62 1.86 -33.86 N | 73.97 1.49 -40.25 N | 72.57 3.06 0.00 N | 69.42 2.71 0.00 N | 47.07 1.83 0.00 N | 48.01 1.80 0.00 N | 44.99 1.65 0.00 N | 44.84 1.68 0.00 N | 48.05 1.84 0.00 N | 131.91 0.66 -115.64 N | 68.60 2.84 0.00 N | 57.26 2.10 -4.22 N | 70.02 2.03 -18.91 N | 68.88 2.60 0.00 N | 64.68 2.38 -0.17 N |
| GINNA___ 23603 | 65.63 -6.88 0.00 N | 41.27 -4.42 -3.06 N | 53.21 -6.07 0.00 N | 58.10 -6.36 0.00 N | 62.65 -7.01 0.00 N | 55.28 -6.59 0.00 N | 41.83 -5.01 0.63 N | 34.94 -3.93 0.00 N | 43.95 -4.56 0.00 N | 39.53 -3.33 -3.96 N | 34.35 -2.59 -4.71 N | 63.74 -5.77 0.00 N | 60.76 -5.95 0.00 N | 41.32 -3.91 0.00 N | 42.16 -4.05 0.00 N | 39.73 -3.61 0.00 N | 39.85 -3.32 0.00 N | 42.77 -3.45 0.00 N | 28.09 -1.05 -13.53 N | 61.22 -4.54 0.00 N | 47.58 -3.85 -0.49 N | 47.17 -4.13 -2.21 N | 60.36 -5.92 0.00 N | 56.59 -5.55 -0.02 N |
| GLEN PARK___ 23778 | 71.43 -1.08 0.00 N | 42.84 -0.88 -1.09 N | 58.06 -1.22 0.00 N | 63.23 -1.24 0.00 N | 68.28 -1.38 0.00 N | 60.65 -1.23 0.00 N | 46.51 -0.96 -0.01 N | 38.19 -0.69 0.00 N | 47.99 -0.52 0.00 N | 40.07 -0.23 -1.41 N | 33.65 -0.26 -1.67 N | 68.84 -0.67 0.00 N | 66.11 -0.60 0.00 N | 44.77 -0.46 0.00 N | 45.65 -0.56 0.00 N | 42.78 -0.56 0.00 N | 42.67 -0.50 0.00 N | 45.86 -0.36 0.00 N | 20.42 0.00 -4.80 N | 65.92 0.16 0.00 N | 50.98 -0.13 -0.17 N | 49.63 -0.25 -0.78 N | 65.47 -0.81 0.00 N | 60.95 -1.18 -0.01 N |
| GLENWOOD_IC_1_G5 23712 | 79.14 6.64 0.00 N | 73.44 4.01 -26.81 N | 65.43 5.51 -0.64 N | 70.50 6.01 -0.03 N | 76.96 6.29 -1.00 N | 73.94 5.86 -6.21 N | 62.35 4.67 -10.21 N | 67.66 4.07 -24.71 N | 75.92 5.35 -22.06 N | 81.57 4.45 -38.23 N | 79.63 3.55 -43.85 N | 80.08 7.54 -3.03 N | 79.25 6.91 -5.64 N | 78.47 4.70 -28.53 N | 75.96 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.25 4.58 -46.51 N | 69.43 4.65 -18.56 N | 140.03 1.63 -122.78 N | 102.85 6.94 -30.15 N | 111.18 5.69 -54.55 N | 80.02 5.24 -25.69 N | 77.05 6.76 -4.01 N | 76.68 6.04 -8.51 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|
| GLENWOOD_IC_2_G1 23688 | 78.69 6.18 0.00 N | 73.17 3.73 -26.81 N | 65.01 5.10 -0.64 N | 70.04 5.54 -0.03 N | 76.45 5.79 -1.00 N | 73.49 5.41 -6.21 N | 62.00 4.32 -10.21 N | 67.34 3.76 -24.71 N | 75.50 4.93 -22.06 N | 81.24 4.12 -38.23 N | 79.38 3.30 -43.85 N | 79.52 6.98 -3.03 N | 78.71 6.36 -5.64 N | 78.09 4.33 -28.53 N | 75.58 4.33 -25.04 N | 76.43 4.00 -29.09 N | 93.70 4.02 -46.51 N | 69.29 4.51 -18.56 N | 139.97 1.58 -122.78 N | 102.60 6.69 -30.15 N | 110.72 5.23 -54.55 N | 79.61 4.83 -25.69 N | 76.52 6.23 -4.01 N | 76.23 5.59 -8.51 N |
| GLENWOOD_IC_3_G1 23689 | 78.69 6.18 0.00 N | 73.17 3.73 -26.81 N | 65.01 5.10 -0.64 N | 70.04 5.54 -0.03 N | 76.45 5.79 -1.00 N | 73.49 5.41 -6.21 N | 62.00 4.32 -10.21 N | 67.34 3.76 -24.71 N | 75.50 4.93 -22.06 N | 81.24 4.12 -38.23 N | 79.38 3.30 -43.85 N | 79.52 6.98 -3.03 N | 78.71 6.36 -5.64 N | 78.09 4.33 -28.53 N | 75.58 4.33 -25.04 N | 76.43 4.00 -29.09 N | 93.70 4.02 -46.51 N | 69.29 4.51 -18.56 N | 139.97 1.58 -122.78 N | 102.60 6.69 -30.15 N | 110.72 5.23 -54.55 N | 79.61 4.83 -25.69 N | 76.52 6.23 -4.01 N | 76.23 5.59 -8.51 N |
| GLENWOOD___4 23550 | 79.14 6.64 0.00 N | 73.44 4.01 -26.81 N | 65.43 5.51 -0.64 N | 70.50 6.01 -0.03 N | 76.96 6.29 -1.00 N | 73.94 5.86 -6.21 N | 62.35 4.67 -10.21 N | 67.66 4.07 -24.71 N | 75.93 5.35 -22.06 N | 81.57 4.45 -38.23 N | 79.63 3.55 -43.85 N | 80.09 7.55 -3.03 N | 79.25 6.91 -5.64 N | 78.47 4.71 -28.53 N | 75.96 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.20 4.53 -46.51 N | 69.52 4.74 -18.56 N | 140.07 1.67 -122.78 N | 102.98 7.07 -30.15 N | 111.18 5.69 -54.55 N | 80.02 5.24 -25.69 N | 77.05 6.76 -4.01 N | 76.69 6.05 -8.51 N |
| GLENWOOD___5 23614 | 79.14 6.64 0.00 N | 73.44 4.01 -26.81 N | 65.43 5.51 -0.64 N | 70.50 6.01 -0.03 N | 76.96 6.29 -1.00 N | 73.94 5.86 -6.21 N | 62.35 4.67 -10.21 N | 67.66 4.07 -24.71 N | 75.93 5.35 -22.06 N | 81.57 4.45 -38.23 N | 79.63 3.55 -43.85 N | 80.09 7.55 -3.03 N | 79.25 6.91 -5.64 N | 78.47 4.71 -28.53 N | 75.96 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.20 4.53 -46.51 N | 69.52 4.74 -18.56 N | 140.07 1.67 -122.78 N | 102.98 7.07 -30.15 N | 111.18 5.69 -54.55 N | 80.02 5.24 -25.69 N | 77.05 6.76 -4.01 N | 76.69 6.05 -8.51 N |
| GLOBAL GREEN_PORT_GT1 23814 | 80.10 7.59 0.00 N | 74.16 4.73 -26.81 N | 66.72 6.81 -0.64 N | 72.29 7.79 -0.03 N | 79.04 8.37 -1.00 N | 75.88 7.80 -6.21 N | 63.51 5.83 -10.21 N | 68.77 5.19 -24.71 N | 77.45 6.87 -22.06 N | 82.65 5.53 -38.23 N | 80.31 4.23 -43.85 N | 81.74 9.20 -3.03 N | 81.03 8.68 -5.64 N | 79.82 6.05 -28.53 N | 77.27 6.02 -25.04 N | 78.04 5.61 -29.09 N | 95.70 6.03 -46.51 N | 71.23 6.45 -18.56 N | 140.66 2.27 -122.78 N | 105.03 9.12 -30.15 N | 112.87 7.38 -54.55 N | 81.46 6.68 -25.69 N | 78.74 8.45 -4.01 N | 78.09 7.45 -8.51 N |
| GOETHSLN___LBMP 323567 | 78.40 5.90 0.00 N | 72.91 3.48 -26.81 N | 63.95 4.67 0.00 N | 69.48 5.01 0.00 N | 74.86 5.20 0.00 N | 66.69 4.81 0.00 N | 51.38 3.92 0.01 N | 42.26 3.38 0.00 N | 52.99 4.48 0.00 N | 77.44 3.84 -34.70 N | 76.53 3.07 -41.23 N | 75.97 6.46 0.00 N | 72.48 5.77 0.00 N | 49.10 3.86 0.00 N | 50.07 3.86 0.00 N | 46.91 3.57 0.00 N | 46.57 3.41 0.00 N | 50.31 4.10 0.00 N | 135.53 1.43 -118.48 N | 72.01 6.25 0.00 N | 59.99 4.72 -4.33 N | 72.84 4.37 -19.37 N | 71.94 5.66 0.00 N | 67.37 5.07 -0.18 N |
| GOUDEY___7 23579 | 71.14 -1.37 0.00 N | 50.32 -1.14 -8.84 N | 57.81 -1.46 0.00 N | 63.17 -1.30 0.00 N | 68.06 -1.60 0.00 N | 60.23 -1.65 0.00 N | 46.36 -1.06 0.05 N | 38.52 -0.36 0.00 N | 48.53 0.01 0.00 N | 50.55 0.21 -11.44 N | 45.84 0.02 -13.59 N | 69.52 0.01 0.00 N | 65.96 -0.75 0.00 N | 44.68 -0.56 0.00 N | 45.64 -0.57 0.00 N | 42.89 -0.45 0.00 N | 42.81 -0.36 0.00 N | 45.89 -0.32 0.00 N | 54.46 0.01 -38.84 N | 65.75 -0.01 0.00 N | 52.04 -0.31 -1.41 N | 54.76 -0.64 -6.31 N | 65.15 -1.13 0.00 N | 60.88 -1.30 -0.06 N |
| GOUDEY___8 23580 | 71.25 -1.26 0.00 N | 50.39 -1.08 -8.84 N | 57.90 -1.37 0.00 N | 63.28 -1.19 0.00 N | 68.17 -1.49 0.00 N | 60.32 -1.55 0.00 N | 46.40 -1.02 0.05 N | 38.52 -0.35 0.00 N | 48.58 0.07 0.00 N | 50.60 0.27 -11.44 N | 45.87 0.05 -13.59 N | 69.62 0.11 0.00 N | 66.05 -0.66 0.00 N | 44.72 -0.52 0.00 N | 45.67 -0.54 0.00 N | 42.90 -0.43 0.00 N | 42.85 -0.31 0.00 N | 45.91 -0.30 0.00 N | 54.49 0.04 -38.84 N | 65.82 0.06 0.00 N | 52.10 -0.24 -1.41 N | 54.82 -0.58 -6.31 N | 65.26 -1.02 0.00 N | 60.97 -1.21 -0.06 N |
| GOWANUS_GT1_1 24077 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT1_2 24078 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT1_3 24079 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT1_4 24080 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT1_5 24084 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT1_6 24111 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 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 | N |
|---------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|--------|-------|-------|---|---|---|
| GOWANUS_GT1_7 | 78.65 | 73.09 | 64.14 | 69.58 | 74.98 | 66.83 | 51.49 | 42.34 | 53.06 | 77.41 | 76.62 | 78.29 | 81.54 | 49.22 | 50.19 | 47.03 | 46.56 | 50.44 | 135.51 | 72.24 | 60.19 | 73.02 | 72.14 | 67.54 | | | |
| 24112 | 6.14 | 3.66 | 4.86 | 5.11 | 5.32 | 4.95 | 4.03 | 3.47 | 4.55 | 3.82 | 3.15 | 6.58 | 5.91 | 3.98 | 3.99 | 3.69 | 3.39 | 4.22 | 1.42 | 6.48 | 4.92 | 4.56 | 5.86 | 5.23 | | | |
| | 0.00 | -26.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | -34.70 | -41.23 | -2.21 | -8.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -118.48 | 0.00 | -4.33 | -19.37 | 0.00 | -0.18 | | | |
| | 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_8 | 78.65 | 73.09 | 64.14 | 69.58 | 74.98 | 66.83 | 51.49 | 42.34 | 53.06 | 77.41 | 76.62 | 78.29 | 81.54 | 49.22 | 50.19 | 47.03 | 46.56 | 50.44 | 135.51 | 72.24 | 60.19 | 73.02 | 72.14 | 67.54 | | | |
| 24113 | 6.14 | 3.66 | 4.86 | 5.11 | 5.32 | 4.95 | 4.03 | 3.47 | 4.55 | 3.82 | 3.15 | 6.58 | 5.91 | 3.98 | 3.99 | 3.69 | 3.39 | 4.22 | 1.42 | 6.48 | 4.92 | 4.56 | 5.86 | 5.23 | | | |
| | 0.00 | -26.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | -34.70 | -41.23 | -2.21 | -8.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -118.48 | 0.00 | -4.33 | -19.37 | 0.00 | -0.18 | | | |
| | 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_GT2_1 | 78.65 | 73.09 | 64.14 | 69.58 | 74.98 | 66.83 | 51.49 | 42.34 | 53.06 | 77.41 | 76.62 | 78.29 | 81.54 | 49.22 | 50.19 | 47.03 | 46.56 | 50.44 | 135.51 | 72.24 | 60.19 | 73.02 | 72.14 | 67.54 | | | |
| 24114 | 6.14 | 3.66 | 4.86 | 5.11 | 5.32 | 4.95 | 4.03 | 3.47 | 4.55 | 3.82 | 3.15 | 6.58 | 5.91 | 3.98 | 3.99 | 3.69 | 3.39 | 4.22 | 1.42 | 6.48 | 4.92 | 4.56 | 5.86 | 5.23 | | | |
| | 0.00 | -26.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | -34.70 | -41.23 | -2.21 | -8.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -118.48 | 0.00 | -4.33 | -19.37 | 0.00 | -0.18 | | | |
| | 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_GT2_2 | 78.65 | 73.09 | 64.14 | 69.58 | 74.98 | 66.83 | 51.49 | 42.34 | 53.06 | 77.41 | 76.62 | 78.29 | 81.54 | 49.22 | 50.19 | 47.03 | 46.56 | 50.44 | 135.51 | 72.24 | 60.19 | 73.02 | 72.14 | 67.54 | | | |
| 24115 | 6.14 | 3.66 | 4.86 | 5.11 | 5.32 | 4.95 | 4.03 | 3.47 | 4.55 | 3.82 | 3.15 | 6.58 | 5.91 | 3.98 | 3.99 | 3.69 | 3.39 | 4.22 | 1.42 | 6.48 | 4.92 | 4.56 | 5.86 | 5.23 | | | |
| | 0.00 | -26.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | -34.70 | -41.23 | -2.21 | -8.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -118.48 | 0.00 | -4.33 | -19.37 | 0.00 | -0.18 | | | |
| | 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_GT2_3 | 78.65 | 73.09 | 64.14 | 69.58 | 74.98 | 66.83 | 51.49 | 42.34 | 53.06 | 77.41 | 76.62 | 78.29 | 81.54 | 49.22 | 50.19 | 47.03 | 46.56 | 50.44 | 135.51 | 72.24 | 60.19 | 73.02 | 72.14 | 67.54 | | | |
| 24116 | 6.14 | 3.66 | 4.86 | 5.11 | 5.32 | 4.95 | 4.03 | 3.47 | 4.55 | 3.82 | 3.15 | 6.58 | 5.91 | 3.98 | 3.99 | 3.69 | 3.39 | 4.2 | | | | | | | | | |

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| 24125 | | 6.14 0.00 N | 3.66 -26.81 N | 4.86 0.00 N | 5.11 0.00 N | 5.32 0.00 N | 4.95 0.00 N | 4.03 0.01 N | 3.47 0.00 N | 4.55 0.00 N | 3.82 -34.70 N | 3.15 -41.23 N | 6.58 -2.21 N | 5.91 -8.92 N | 3.98 0.00 N | 3.99 0.00 N | 3.69 0.00 N | 3.39 0.00 N | 4.22 0.00 N | 1.42 -118.48 N | 6.48 0.00 N | 4.92 -4.33 N | 4.56 -19.37 N | 5.86 0.00 N | 5.23 -0.18 N |
| GOWANUS_GT3_5 24126 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT3_6 24127 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT3_7 24128 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT3_8 24129 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT4_1 24130 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| GOWANUS_GT4_2 24131 | | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.0 | | | | | | | | |

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| GREENIDGE___3 23582 | 66.04 -6.47 0.00 N | 43.36 -4.10 -4.84 N | 53.63 -5.64 0.00 N | 58.48 -5.99 0.00 N | 63.00 -6.66 0.00 N | 55.69 -6.19 0.00 N | 42.92 -4.55 0.00 N | 35.53 -3.35 0.00 N | 44.74 -3.77 0.00 N | 42.49 -2.67 -6.26 N | 37.51 -2.17 -7.44 N | 64.54 -4.97 0.00 N | 61.27 -5.45 0.00 N | 41.62 -3.62 0.00 N | 42.47 -3.74 0.00 N | 39.97 -3.36 0.00 N | 39.95 -3.21 0.00 N | 42.92 -3.29 0.00 N | 35.78 -1.00 -21.16 N | 62.49 -3.26 0.00 N | 48.92 -2.84 -0.82 N | 49.59 -3.18 -3.67 N | 61.60 -4.68 0.00 N | 57.55 -4.61 -0.03 N |
| GREENIDGE___4 23583 | 66.04 -6.47 0.00 N | 43.36 -4.10 -4.84 N | 53.63 -5.64 0.00 N | 58.48 -5.99 0.00 N | 63.00 -6.66 0.00 N | 55.69 -6.19 0.00 N | 42.92 -4.55 0.00 N | 35.53 -3.35 0.00 N | 44.74 -3.77 0.00 N | 42.49 -2.67 -6.26 N | 37.51 -2.17 -7.44 N | 64.54 -4.97 0.00 N | 61.27 -5.45 0.00 N | 41.62 -3.62 0.00 N | 42.47 -3.74 0.00 N | 39.97 -3.36 0.00 N | 39.95 -3.21 0.00 N | 42.92 -3.29 0.00 N | 35.78 -1.00 -21.16 N | 62.49 -3.26 0.00 N | 48.92 -2.84 -0.82 N | 49.59 -3.18 -3.67 N | 61.60 -4.68 0.00 N | 57.55 -4.61 -0.03 N |
| HARZA MOOSE___RIVER 24016 | 72.74 0.24 0.00 N | 42.66 0.03 0.00 N | 59.29 0.02 0.00 N | 64.55 0.08 0.00 N | 69.70 0.03 0.00 N | 61.91 0.03 0.00 N | 47.50 0.03 0.00 N | 39.00 0.12 0.00 N | 48.89 0.38 0.00 N | 39.32 0.43 0.00 N | 32.58 0.34 0.00 N | 70.20 0.69 0.00 N | 67.32 0.61 0.00 N | 45.61 0.37 0.00 N | 46.53 0.32 0.00 N | 43.64 0.29 0.00 N | 43.48 0.31 0.00 N | 46.67 0.45 0.00 N | 15.84 0.23 0.00 N | 66.77 1.01 0.00 N | 51.57 0.64 0.00 N | 49.55 0.46 0.00 N | 66.62 0.34 0.00 N | 62.21 0.09 0.00 N |
| HEMPSTEAD___ 23647 | 79.01 6.50 0.00 N | 73.44 4.01 -26.81 N | 65.49 5.58 -0.64 N | 70.61 6.11 -0.03 N | 77.03 6.36 -1.00 N | 74.07 5.99 -6.21 N | 62.43 4.75 -10.21 N | 67.75 4.17 -24.71 N | 76.05 5.48 -22.06 N | 81.60 4.48 -38.23 N | 79.60 3.53 -43.85 N | 80.05 7.51 -3.03 N | 79.29 6.95 -5.64 N | 78.53 4.76 -28.53 N | 76.01 4.75 -25.04 N | 76.84 4.40 -29.09 N | 94.33 4.65 -46.51 N | 69.60 4.82 -18.56 N | 140.11 1.71 -122.78 N | 103.06 7.15 -30.15 N | 111.20 5.71 -54.55 N | 80.00 5.22 -25.69 N | 77.07 6.78 -4.01 N | 76.71 6.07 -8.51 N |
| HICKLING___1 23621 | 70.29 -2.21 0.00 N | 47.38 -2.11 -6.86 N | 56.64 -2.63 0.00 N | 62.25 -2.21 0.00 N | 66.88 -2.78 0.00 N | 58.94 -2.94 0.00 N | 45.42 -1.99 0.06 N | 38.08 -0.80 0.00 N | 48.60 0.09 0.00 N | 48.27 0.49 -8.88 N | 42.86 0.07 -10.56 N | 69.88 0.37 0.00 N | 65.66 -1.05 0.00 N | 44.27 -0.96 0.00 N | 45.25 -0.96 0.00 N | 42.57 -0.77 0.00 N | 42.58 -0.58 0.00 N | 45.67 -0.55 0.00 N | 45.60 0.09 -29.89 N | 65.89 0.14 0.00 N | 51.53 -0.49 -1.08 N | 52.83 -1.12 -4.85 N | 64.33 -1.95 0.00 N | 59.90 -2.27 -0.05 N |
| HICKLING___2 23622 | 70.31 -2.20 0.00 N | 47.39 -2.10 -6.86 N | 56.65 -2.62 0.00 N | 62.26 -2.20 0.00 N | 66.89 -2.77 0.00 N | 58.95 -2.93 0.00 N | 45.44 -1.97 0.06 N | 38.09 -0.79 0.00 N | 48.62 0.10 0.00 N | 48.29 0.51 -8.88 N | 42.87 0.08 -10.56 N | 69.89 0.38 0.00 N | 65.67 -1.03 0.00 N | 44.27 -0.96 0.00 N | 45.26 -0.94 0.00 N | 42.58 -0.76 0.00 N | 42.57 -0.59 0.00 N | 45.68 -0.54 0.00 N | 45.61 0.10 -29.89 N | 65.90 0.14 0.00 N | 51.54 -0.48 -1.08 N | 52.84 -1.10 -4.85 N | 64.36 -1.92 0.00 N | 59.91 -2.26 -0.05 N |
| HIGH FALLS___HY 23754 | 77.59 5.09 0.00 N | 72.64 3.01 -27.00 N | 63.31 4.04 0.00 N | 68.81 4.34 0.00 N | 74.22 4.56 0.00 N | 66.06 4.18 0.00 N | 50.86 3.40 0.01 N | 41.89 3.01 0.00 N | 52.58 4.06 0.00 N | 77.35 3.50 -34.95 N | 76.61 2.84 -41.54 N | 75.58 6.08 0.00 N | 72.13 5.42 0.00 N | 48.85 3.61 0.00 N | 49.77 3.57 0.00 N | 46.62 3.28 0.00 N | 46.40 3.24 0.00 N | 50.04 3.83 0.00 N | 136.54 1.36 -119.57 N | 71.60 5.84 0.00 N | 59.75 4.46 -4.36 N | 72.69 4.09 -19.52 N | 71.40 5.13 0.00 N | 66.82 4.51 -0.18 N |
| HILLBURN___GT 23639 | 78.03 5.52 0.00 N | 71.56 3.25 -25.67 N | 63.66 4.39 0.00 N | 69.20 4.73 0.00 N | 74.61 4.95 0.00 N | 66.44 4.56 0.00 N | 51.17 3.70 0.01 N | 42.12 3.24 0.00 N | 52.80 4.28 0.00 N | 75.81 3.68 -33.22 N | 74.71 2.99 -39.49 N | 75.85 6.34 0.00 N | 72.36 5.65 0.00 N | 49.03 3.79 0.00 N | 49.95 3.74 0.00 N | 46.77 3.43 0.00 N | 46.50 3.34 0.00 N | 50.17 3.95 0.00 N | 130.46 1.39 -113.46 N | 71.81 6.05 0.00 N | 59.76 4.68 -4.14 N | 71.96 4.32 -18.55 N | 71.84 5.56 0.00 N | 67.22 4.93 -0.17 N |
| HOLTSVILLE_IC_1 23690 | 78.07 5.57 0.00 N | 73.07 3.63 -26.81 N | 65.24 5.33 -0.64 N | 70.60 6.10 -0.03 N | 77.10 6.44 -1.00 N | 74.18 6.09 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.14 -24.71 N | 75.97 5.39 -22.06 N | 81.38 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.85 6.50 -5.64 N | 78.36 4.59 -28.53 N | 75.83 4.57 -25.04 N | 76.66 4.23 -29.09 N | 94.27 4.59 -46.51 N | 69.56 4.78 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.59 -30.15 N | 110.98 5.49 -54.55 N | 79.75 4.97 -25.69 N | 76.67 6.38 -4.01 N | 76.36 5.72 -8.51 N |
| HOLTSVILLE_IC_10 23699 | 78.53 6.02 0.00 N | 73.33 3.90 -26.81 N | 65.60 5.69 -0.64 N | 70.98 6.48 -0.03 N | 77.53 6.86 -1.00 N | 74.55 6.46 -6.21 N | 62.59 4.91 -10.21 N | 67.98 4.40 -24.71 N | 76.31 5.74 -22.06 N | 81.67 4.55 -38.23 N | 79.48 3.40 -43.85 N | 79.90 7.36 -3.03 N | 79.34 6.99 -5.64 N | 78.70 4.93 -28.53 N | 76.16 4.91 -25.04 N | 76.99 4.56 -29.09 N | 94.61 4.94 -46.51 N | 69.91 5.13 -18.56 N | 140.19 1.79 -122.78 N | 103.00 7.09 -30.15 N | 111.40 5.90 -54.55 N | 80.11 5.34 -25.69 N | 77.14 6.86 -4.01 N | 76.77 6.13 -8.51 N |
| HOLTSVILLE_IC_2 23691 | 78.07 5.57 0.00 N | 73.07 3.63 -26.81 N | 65.24 5.33 -0.64 N | 70.60 6.10 -0.03 N | 77.10 6.44 -1.00 N | 74.18 6.09 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.14 -24.71 N | 75.97 5.39 -22.06 N | 81.38 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.85 6.50 -5.64 N | 78.36 4.59 -28.53 N | 75.83 4.57 -25.04 N | 76.66 4.23 -29.09 N | 94.27 4.59 -46.51 N | 69.56 4.78 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.59 -30.15 N | 110.98 5.49 -54.55 N | 79.75 4.97 -25.69 N | 76.67 6.38 -4.01 N | 76.36 5.72 -8.51 N |
| HOLTSVILLE_IC_3 23692 | 78.07 5.57 0.00 N | 73.07 3.63 -26.81 N | 65.24 5.33 -0.64 N | 70.60 6.10 -0.03 N | 77.10 6.44 -1.00 N | 74.18 6.09 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.14 -24.71 N | 75.97 5.39 -22.06 N | 81.38 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.85 6.50 -5.64 N | 78.36 4.59 -28.53 N | 75.83 4.57 -25.04 N | 76.66 4.23 -29.09 N | 94.27 4.59 -46.51 N | 69.56 4.78 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.59 -30.15 N | 110.98 5.49 -54.55 N | 79.75 4.97 -25.69 N | 76.67 6.38 -4.01 N | 76.36 5.72 -8.51 N |
| HOLTSVILLE_IC_4 23693 | 78.07 5.57 0.00 N | 73.07 3.63 -26.81 N | 65.24 5.33 -0.64 N | 70.60 6.10 -0.03 N | 77.10 6.44 -1.00 N | 74.18 6.09 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.14 -24.71 N | 75.97 5.39 -22.06 N | 81.38 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.85 6.50 -5.64 N | 78.36 4.59 -28.53 N | 75.83 4.57 -25.04 N | 76.66 4.23 -29.09 N | 94.27 4.59 -46.51 N | 69.56 4.78 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.59 -30.15 N | 110.98 5.49 -54.55 N | 79.75 4.97 -25.69 N | 76.67 6.38 -4.01 N | 76.36 5.72 -8.51 N |
| HOLTSVILLE_IC_5 23694 | 78.07 5.57 0.00 N | 73.07 3.63 -26.81 N | 65.24 5.33 -0.64 N | 70.60 6.10 -0.03 N | 77.10 6.44 -1.00 N | 74.18 6.09 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.14 -24.71 N | 75.97 5.39 -22.06 N | 81.38 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.85 6.50 -5.64 N | 78.36 4.59 -28.53 N | 75.83 4.57 -25.04 N | 76.66 4.23 -29.09 N | 94.27 4.59 -46.51 N | 69.56 4.78 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.59 -30.15 N | 110.98 5.49 -54.55 N | 79.75 4.97 -25.69 N | 76.67 6.38 -4.01 N | 76.36 5.72 -8.51 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 |
| HOLTSVILLE_IC_6 23695 | 78.53 6.02 0.00 N | 73.33 3.90 -26.81 N | 65.60 5.69 -0.64 N | 70.98 6.48 -0.03 N | 77.53 6.86 -1.00 N | 74.55 6.46 -6.21 N | 62.59 4.91 -10.21 N | 67.98 4.40 -24.71 N | 76.31 5.74 -22.06 N | 81.67 4.55 -38.23 N | 79.48 3.40 -43.85 N | 79.90 7.36 -3.03 N | 79.34 6.99 -5.64 N | 78.70 4.93 -28.53 N | 76.16 4.91 -25.04 N | 76.99 4.56 -29.09 N | 94.61 4.94 -46.51 N | 69.91 5.13 -18.56 N | 140.19 1.79 -122.78 N | 103.00 7.09 -30.15 N | 111.40 5.90 -54.55 N | 80.11 5.34 -25.69 N | 77.14 6.86 -4.01 N | 76.77 6.13 -8.51 N | |
| HOLTSVILLE_IC_7 23696 | 78.53 6.02 0.00 N | 73.33 3.90 -26.81 N | 65.60 5.69 -0.64 N | 70.98 6.48 -0.03 N | 77.53 6.86 -1.00 N | 74.55 6.46 -6.21 N | 62.59 4.91 -10.21 N | 67.98 4.40 -24.71 N | 76.31 5.74 -22.06 N | 81.67 4.55 -38.23 N | 79.48 3.40 -43.85 N | 79.90 7.36 -3.03 N | 79.34 6.99 -5.64 N | 78.70 4.93 -28.53 N | 76.16 4.91 -25.04 N | 76.99 4.56 -29.09 N | 94.61 4.94 -46.51 N | 69.91 5.13 -18.56 N | 140.19 1.79 -122.78 N | 103.00 7.09 -30.15 N | 111.40 5.90 -54.55 N | 80.11 5.34 -25.69 N | 77.14 6.86 -4.01 N | 76.77 6.13 -8.51 N | |
| HOLTSVILLE_IC_8 23697 | 78.53 6.02 0.00 N | 73.33 3.90 -26.81 N | 65.60 5.69 -0.64 N | 70.98 6.48 -0.03 N | 77.53 6.86 -1.00 N | 74.55 6.46 -6.21 N | 62.59 4.91 -10.21 N | 67.98 4.40 -24.71 N | 76.31 5.74 -22.06 N | 81.67 4.55 -38.23 N | 79.48 3.40 -43.85 N | 79.90 7.36 -3.03 N | 79.34 6.99 -5.64 N | 78.70 4.93 -28.53 N | 76.16 4.91 -25.04 N | 76.99 4.56 -29.09 N | 94.61 4.94 -46.51 N | 69.91 5.13 -18.56 N | 140.19 1.79 -122.78 N | 103.00 7.09 -30.15 N | 111.40 5.90 -54.55 N | 80.11 5.34 -25.69 N | 77.14 6.86 -4.01 N | 76.77 6.13 -8.51 N | |
| HOLTSVILLE_IC_9 23698 | 78.53 6.02 0.00 N | 73.33 3.90 -26.81 N | 65.60 5.69 -0.64 N | 70.98 6.48 -0.03 N | 77.53 6.86 -1.00 N | 74.55 6.46 -6.21 N | 62.59 4.91 -10.21 N | 67.98 4.40 -24.71 N | 76.31 5.74 -22.06 N | 81.67 4.55 -38.23 N | 79.48 3.40 -43.85 N | 79.90 7.36 -3.03 N | 79.34 6.99 -5.64 N | 78.70 4.93 -28.53 N | 76.16 4.91 -25.04 N | 76.99 4.56 -29.09 N | 94.61 4.94 -46.51 N | 69.91 5.13 -18.56 N | 140.19 1.79 -122.78 N | 103.00 7.09 -30.15 N | 111.40 5.90 -54.55 N | 80.11 5.34 -25.69 N | 77.14 6.86 -4.01 N | 76.77 6.13 -8.51 N | |
| HQ_GEN_CEDARS 23644 | 73.64 1.14 0.00 N | 43.23 0.60 0.00 N | 60.16 0.89 0.00 N | 65.46 0.99 0.00 N | 70.81 1.15 0.00 N | 62.94 1.07 0.00 N | 47.97 0.50 0.00 N | 39.07 0.19 0.00 N | 48.40 -0.11 0.00 N | 36.35 -2.54 0.00 N | 30.15 -2.09 0.00 N | 65.22 -4.29 0.00 N | 63.68 -3.03 0.00 N | 45.57 0.34 0.00 N | 46.64 0.43 0.00 N | 43.74 0.41 0.00 N | 44.99 1.83 0.00 N | 43.54 -2.68 0.00 N | 14.64 -0.97 0.00 N | 62.00 -3.76 0.00 N | 48.32 -2.62 0.00 N | 49.44 0.35 0.00 N | 66.90 0.62 0.00 N | 62.89 0.76 0.00 N | |
| HQ_GEN_CHAT DC 23651 | 71.88 -0.62 0.00 N | 42.25 -0.38 0.00 N | 58.80 -0.47 0.00 N | 63.94 -0.53 0.00 N | 69.18 -0.48 0.00 N | 61.47 -0.40 0.00 N | 47.08 -0.39 0.00 N | 38.41 -0.47 0.00 N | 47.75 -0.76 0.00 N | 38.02 -0.88 0.00 N | 31.52 -0.71 0.00 N | 68.16 -1.35 0.00 N | 65.77 -0.94 0.00 N | 44.63 -0.61 0.00 N | 45.66 -0.55 0.00 N | 42.85 -0.49 0.00 N | 42.65 -0.52 0.00 N | 45.37 -0.84 0.00 N | 15.27 -0.35 0.00 N | 64.38 -1.37 0.00 N | 49.95 -0.99 0.00 N | 48.32 -0.77 0.00 N | 65.48 -0.80 0.00 N | 61.50 -0.62 0.00 N | |
| HUDSON_AVE_GT_3 23810 | 78.66 6.15 0.00 N | 73.06 3.62 -26.81 N | 64.16 4.88 0.00 N | 69.70 5.23 0.00 N | 75.11 5.45 0.00 N | 66.93 5.06 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.16 4.64 0.00 N | 77.57 3.98 -34.70 N | 76.64 3.17 -41.23 N | 76.21 6.70 0.00 N | 72.72 6.01 0.00 N | 49.28 4.04 0.00 N | 50.25 4.05 0.00 N | 47.08 3.74 0.00 N | 46.74 3.58 0.00 N | 50.51 4.29 0.00 N | 135.59 1.50 -118.48 N | 72.22 6.46 0.00 N | 60.18 4.91 -4.33 N | 73.02 4.55 -19.37 N | 72.19 5.91 0.00 N | 67.59 5.29 -0.18 N | |
| HUDSON_AVE_GT_4 23540 | 78.66 6.15 0.00 N | 73.06 3.62 -26.81 N | 64.16 4.88 0.00 N | 69.70 5.23 0.00 N | 75.11 5.45 0.00 N | 66.93 5.06 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.16 4.64 0.00 N | 77.57 3.98 -34.70 N | 76.64 3.17 -41.23 N | 76.21 6.70 0.00 N | 72.72 6.01 0.00 N | 49.28 4.04 0.00 N | 50.25 4.05 0.00 N | 47.08 3.74 0.00 N | 46.74 3.58 0.00 N | 50.51 4.29 0.00 N | 135.59 1.50 -118.48 N | 72.22 6.46 0.00 N | 60.18 4.91 -4.33 N | 73.02 4.55 -19.37 N | 72.19 5.91 0.00 N | 67.59 5.29 -0.18 N | |
| HUDSON_AVE_GT_5 23657 | 78.66 6.15 0.00 N | 73.06 3.62 -26.81 N | 64.16 4.88 0.00 N | 69.70 5.23 0.00 N | 75.11 5.45 0.00 N | 66.93 5.06 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.16 4.64 0.00 N | 77.57 3.98 -34.70 N | 76.64 3.17 -41.23 N | 76.21 6.70 0.00 N | 72.72 6.01 0.00 N | 49.28 4.04 0.00 N | 50.25 4.05 0.00 N | 47.08 3.74 0.00 N | 46.74 3.58 0.00 N | 50.51 4.29 0.00 N | 135.59 1.50 -118.48 N | 72.22 6.46 0.00 N | 60.18 4.91 -4.33 N | 73.02 4.55 -19.37 N | 72.19 5.91 0.00 N | 67.59 5.29 -0.18 N | |
| HUDSON_AVE_10 24168 | 78.55 6.04 0.00 N | 73.00 3.56 -26.81 N | 64.11 4.84 0.00 N | 69.61 5.14 0.00 N | 75.02 5.36 0.00 N | 66.83 4.96 0.00 N | 51.49 4.02 0.01 N | 42.33 3.45 0.00 N | 53.05 4.54 0.00 N | 77.44 3.85 -34.70 N | 76.48 3.01 -41.23 N | 75.93 6.42 0.00 N | 72.46 5.75 0.00 N | 49.12 3.89 0.00 N | 50.08 3.88 0.00 N | 46.92 3.58 0.00 N | 46.59 3.43 0.00 N | 50.30 4.09 0.00 N | 135.53 1.44 -118.48 N | 71.92 6.16 0.00 N | 59.97 4.71 -4.33 N | 72.83 4.37 -19.37 N | 71.99 5.71 0.00 N | 67.44 5.13 -0.18 N | |
| HUNTLEY___63 23557 | 64.90 -7.61 0.00 N | 41.46 -5.27 -4.10 N | 52.25 -7.02 0.00 N | 57.56 -6.91 0.00 N | 61.93 -7.73 0.00 N | 53.99 -7.89 0.00 N | 40.81 -6.12 0.54 N | 34.21 -4.67 0.00 N | 43.31 -5.20 0.00 N | 40.50 -3.68 -5.29 N | 35.65 -2.85 -6.27 N | 63.38 -6.13 0.00 N | 60.01 -6.70 0.00 N | 40.74 -4.50 0.00 N | 41.48 -4.73 0.00 N | 39.23 -4.11 0.00 N | 39.48 -3.68 0.00 N | 42.17 -4.05 0.00 N | 32.34 -1.17 -17.89 N | 60.53 -5.23 0.00 N | 47.07 -4.52 -0.65 N | 47.09 -4.92 -2.93 N | 59.70 -6.58 0.00 N | 56.39 -5.76 -0.03 N | |
| HUNTLEY___64 23558 | 64.90 -7.61 0.00 N | 41.46 -5.27 -4.10 N | 52.25 -7.02 0.00 N | 57.56 -6.91 0.00 N | 61.93 -7.73 0.00 N | 53.99 -7.89 0.00 N | 40.81 -6.12 0.54 N | 34.21 -4.67 0.00 N | 43.31 -5.20 0.00 N | 40.50 -3.68 -5.29 N | 35.65 -2.85 -6.27 N | 63.38 -6.13 0.00 N | 60.01 -6.70 0.00 N | 40.74 -4.50 0.00 N | 41.48 -4.73 0.00 N | 39.23 -4.11 0.00 N | 39.48 -3.68 0.00 N | 42.17 -4.05 0.00 N | 32.34 -1.17 -17.89 N | 60.53 -5.23 0.00 N | 47.07 -4.52 -0.65 N | 47.09 -4.92 -2.93 N | 59.70 -6.58 0.00 N | 56.39 -5.76 -0.03 N | |
| HUNTLEY___65 23559 | 64.90 -7.61 0.00 N | 41.46 -5.27 -4.10 N | 52.25 -7.02 0.00 N | 57.56 -6.91 0.00 N | 61.93 -7.73 0.00 N | 53.99 -7.89 0.00 N | 40.81 -6.12 0.54 N | 34.21 -4.67 0.00 N | 43.31 -5.20 0.00 N | 40.50 -3.68 -5.29 N | 35.65 -2.85 -6.27 N | 63.38 -6.13 0.00 N | 60.01 -6.70 0.00 N | 40.74 -4.50 0.00 N | 41.48 -4.73 0.00 N | 39.23 -4.11 0.00 N | 39.48 -3.68 0.00 N | 42.17 -4.05 0.00 N | 32.34 -1.17 -17.89 N | 60.53 -5.23 0.00 N | 47.07 -4.52 -0.65 N | 47.09 -4.92 -2.93 N | 59.70 -6.58 0.00 N | 56.39 -5.76 -0.03 N | |
| HUNTLEY___66 | 64.90 | 41.46 | 52.25 | 57.56 | 61.93 | 53.99 | 40.81 | 34.21 | 43.31 | 40.50 | 35.65 | 63.38 | 60.01 | 40.74 | 41.48 | 39.23 | 39.48 | 42.17 | 32.34 | 60.53 | 47.07 | 47.09 | 59.70 | 56.39 | |

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| 23560 | -7.61 0.00 N | -5.27 -4.10 N | -7.02 0.00 N | -6.91 0.00 N | -7.73 0.00 N | -7.89 0.00 N | -6.12 0.54 N | -4.67 0.00 N | -5.20 0.00 N | -3.68 -5.29 N | -2.85 -6.27 N | -6.13 0.00 N | -6.70 0.00 N | -4.50 0.00 N | -4.73 0.00 N | -4.11 0.00 N | -3.68 0.00 N | -4.05 0.00 N | -1.17 -17.89 N | -5.23 0.00 N | -4.52 -0.65 N | -4.92 -2.93 N | -6.58 0.00 N | -5.76 -0.03 N |
| HUNTLEY____67 23561 | 64.47 -8.04 0.00 N | 41.18 -5.54 -4.10 N | 51.85 -7.43 0.00 N | 57.16 -7.31 0.00 N | 61.50 -8.16 0.00 N | 53.55 -8.33 0.00 N | 40.30 -6.63 0.54 N | 33.75 -5.13 0.00 N | 42.63 -5.89 0.00 N | 39.94 -4.26 -5.30 N | 35.20 -3.34 -6.30 N | 62.43 -7.07 0.00 N | 59.13 -7.59 0.00 N | 40.15 -5.09 0.00 N | 40.92 -5.29 0.00 N | 38.69 -4.64 0.00 N | 38.97 -4.19 0.00 N | 41.59 -4.63 0.00 N | 32.12 -1.38 -17.89 N | 59.66 -6.10 0.00 N | 46.42 -5.17 -0.65 N | 46.49 -5.52 -2.93 N | 58.87 -7.41 0.00 N | 55.62 -6.53 -0.03 N |
| HUNTLEY____68 23562 | 64.47 -8.04 0.00 N | 41.18 -5.54 -4.10 N | 51.85 -7.43 0.00 N | 57.16 -7.31 0.00 N | 61.50 -8.16 0.00 N | 53.55 -8.33 0.00 N | 40.30 -6.63 0.54 N | 33.75 -5.13 0.00 N | 42.63 -5.89 0.00 N | 39.94 -4.26 -5.30 N | 35.20 -3.34 -6.30 N | 62.43 -7.07 0.00 N | 59.13 -7.59 0.00 N | 40.15 -5.09 0.00 N | 40.92 -5.29 0.00 N | 38.69 -4.64 0.00 N | 38.97 -4.19 0.00 N | 41.59 -4.63 0.00 N | 32.12 -1.38 -17.89 N | 59.66 -6.10 0.00 N | 46.42 -5.17 -0.65 N | 46.49 -5.52 -2.93 N | 58.87 -7.41 0.00 N | 55.62 -6.53 -0.03 N |
| INDECK____CORINTH 23802 | 77.17 4.66 0.00 N | 80.34 3.06 -34.66 N | 63.36 4.09 0.00 N | 68.80 4.33 0.00 N | 74.59 4.92 0.00 N | 66.64 4.76 0.00 N | 51.30 3.83 0.00 N | 41.84 2.97 0.00 N | 52.20 3.69 0.00 N | 86.99 3.24 -44.85 N | 88.16 2.62 -53.31 N | 74.74 5.23 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.61 3.40 0.00 N | 46.42 3.08 0.00 N | 46.15 2.99 0.00 N | 50.09 3.87 0.00 N | 170.46 1.24 -153.60 N | 70.45 4.69 0.00 N | 60.50 3.96 -5.61 N | 77.92 3.72 -25.12 N | 70.84 4.57 0.00 N | 66.50 4.14 -0.23 N |
| INDECK____ILION 23567 | 74.92 2.41 0.00 N | 43.41 1.42 0.64 N | 61.22 1.95 0.00 N | 66.55 2.08 0.00 N | 71.91 2.25 0.00 N | 63.88 2.00 0.00 N | 49.07 1.60 0.00 N | 40.29 1.41 0.00 N | 50.44 1.93 0.00 N | 39.82 1.75 0.83 N | 32.68 1.43 0.99 N | 72.55 3.04 0.00 N | 69.30 2.59 0.00 N | 46.95 1.71 0.00 N | 47.81 1.61 0.00 N | 44.76 1.42 0.00 N | 44.69 1.53 0.00 N | 48.11 1.90 0.00 N | 13.47 0.69 2.84 N | 68.45 2.69 0.00 N | 52.91 2.08 0.10 N | 50.51 1.89 0.46 N | 68.64 2.36 0.00 N | 64.19 2.07 0.00 N |
| INDECK____OLEAN 23982 | 67.31 -5.19 0.00 N | 43.35 -4.11 -4.84 N | 53.91 -5.36 0.00 N | 59.49 -4.98 0.00 N | 63.87 -5.79 0.00 N | 55.89 -5.99 0.00 N | 42.54 -4.47 0.46 N | 36.02 -2.86 0.00 N | 46.07 -2.45 0.00 N | 43.94 -1.22 -1.19 N | 38.49 -1.19 -7.44 N | 67.23 -2.28 0.00 N | 63.04 -3.67 0.00 N | 42.57 -2.67 0.00 N | 43.45 -2.76 0.00 N | 40.91 -2.43 0.00 N | 40.92 -2.24 0.00 N | 43.86 -2.35 0.00 N | 36.32 -0.46 -21.16 N | 63.51 -2.24 0.00 N | 49.28 -2.43 -0.77 N | 49.46 -3.09 -3.46 N | 61.74 -4.54 0.00 N | 57.67 -4.49 -0.03 N |
| INDECK____OSWEGO 23783 | 70.51 -2.00 0.00 N | 43.25 -1.30 -1.93 N | 57.47 -1.80 0.00 N | 62.57 -1.90 0.00 N | 67.53 -2.13 0.00 N | 59.89 -1.98 0.00 N | 46.01 -1.47 -0.01 N | 37.78 -1.10 0.00 N | 47.33 -1.19 0.00 N | 40.58 -0.81 -2.49 N | 34.55 -0.65 -2.96 N | 68.03 -1.48 0.00 N | 65.09 -1.62 0.00 N | 44.16 -1.08 0.00 N | 45.07 -1.13 0.00 N | 42.30 -1.04 0.00 N | 42.17 -0.99 0.00 N | 45.27 -0.95 0.00 N | 23.87 -0.26 -8.51 N | 64.61 -1.15 0.00 N | 50.26 -0.99 -0.31 N | 49.37 -1.11 -1.39 N | 64.58 -1.70 0.00 N | 60.46 -1.68 -0.01 N |
| INDECK____YERKES 23781 | 64.90 -7.61 0.00 N | 41.46 -5.27 -4.10 N | 52.25 -7.02 0.00 N | 57.56 -6.91 0.00 N | 61.93 -7.73 0.00 N | 53.99 -7.89 0.00 N | 40.81 -6.12 0.54 N | 34.21 -4.67 0.00 N | 43.31 -5.20 0.00 N | 40.50 -3.68 -5.29 N | 35.65 -2.85 -6.27 N | 63.38 -6.13 0.00 N | 60.01 -6.70 0.00 N | 40.74 -4.50 0.00 N | 41.48 -4.73 0.00 N | 39.23 -4.11 0.00 N | 39.48 -3.68 0.00 N | 42.17 -4.05 0.00 N | 32.34 -1.17 -17.89 N | 60.53 -5.23 0.00 N | 47.07 -4.52 -0.65 N | 47.09 -4.92 -2.93 N | 59.70 -6.58 0.00 N | 56.39 -5.76 -0.03 N |
| INDIAN POINT_GT_1 24139 | 77.80 5.29 0.00 N | 72.38 3.14 -26.61 N | 63.51 4.24 0.00 N | 69.02 4.56 0.00 N | 74.43 4.77 0.00 N | 66.31 4.43 0.00 N | 51.05 3.59 0.01 N | 42.00 3.12 0.00 N | 52.61 4.10 0.00 N | 76.85 3.52 -34.44 N | 75.99 2.83 -40.93 N | 75.45 5.94 0.00 N | 72.04 5.33 0.00 N | 48.82 3.58 0.00 N | 49.76 3.56 0.00 N | 46.60 3.26 0.00 N | 46.34 3.18 0.00 N | 49.98 3.76 0.00 N | 134.53 1.32 -117.60 N | 71.44 5.68 0.00 N | 59.64 4.41 -4.29 N | 72.41 4.09 -19.23 N | 71.53 5.26 0.00 N | 66.99 4.69 -0.18 N |
| INDIAN POINT_GT_2 23659 | 77.80 5.29 0.00 N | 72.38 3.14 -26.61 N | 63.51 4.24 0.00 N | 69.02 4.56 0.00 N | 74.43 4.77 0.00 N | 66.31 4.43 0.00 N | 51.05 3.59 0.01 N | 42.00 3.12 0.00 N | 52.61 4.10 0.00 N | 76.85 3.52 -34.44 N | 75.99 2.83 -40.93 N | 75.45 5.94 0.00 N | 72.04 5.33 0.00 N | 48.82 3.58 0.00 N | 49.76 3.56 0.00 N | 46.60 3.26 0.00 N | 46.34 3.18 0.00 N | 49.98 3.76 0.00 N | 134.53 1.32 -117.60 N | 71.44 5.68 0.00 N | 59.64 4.41 -4.29 N | 72.41 4.09 -19.23 N | 71.53 5.26 0.00 N | 66.99 4.69 -0.18 N |
| INDIAN POINT_GT_3 24019 | 77.80 5.29 0.00 N | 72.38 3.14 -26.61 N | 63.51 4.24 0.00 N | 69.02 4.56 0.00 N | 74.43 4.77 0.00 N | 66.31 4.43 0.00 N | 51.05 3.59 0.01 N | 42.00 3.12 0.00 N | 52.61 4.10 0.00 N | 76.85 3.52 -34.44 N | 75.99 2.83 -40.93 N | 75.45 5.94 0.00 N | 72.04 5.33 0.00 N | 48.82 3.58 0.00 N | 49.76 3.56 0.00 N | 46.60 3.26 0.00 N | 46.34 3.18 0.00 N | 49.98 3.76 0.00 N | 134.53 1.32 -117.60 N | 71.44 5.68 0.00 N | 59.64 4.41 -4.29 N | 72.41 4.09 -19.23 N | 71.53 5.26 0.00 N | 66.99 4.69 -0.18 N |
| INDIAN POINT____2 23530 | 77.60 5.09 0.00 N | 71.98 3.04 -26.31 N | 63.36 4.09 0.00 N | 68.86 4.39 0.00 N | 74.24 4.58 0.00 N | 66.14 4.26 0.00 N | 50.92 3.46 0.01 N | 41.90 3.02 0.00 N | 52.49 3.98 0.00 N | 76.38 3.43 -34.06 N | 75.47 2.76 -40.48 N | 75.30 5.80 0.00 N | 71.90 5.19 0.00 N | 48.72 3.49 0.00 N | 49.66 3.45 0.00 N | 46.50 3.16 0.00 N | 46.25 3.09 0.00 N | 49.87 3.66 0.00 N | 133.19 1.28 -116.30 N | 71.29 5.53 0.00 N | 59.48 4.30 -4.25 N | 72.07 3.97 -19.02 N | 71.39 5.11 0.00 N | 66.85 4.55 -0.17 N |
| INDIAN POINT____3 23531 | 77.52 5.01 0.00 N | 72.24 3.00 -26.61 N | 63.31 4.03 0.00 N | 68.79 4.32 0.00 N | 74.19 4.52 0.00 N | 66.08 4.20 0.00 N | 50.87 3.41 0.01 N | 41.85 2.98 0.00 N | 52.42 3.91 0.00 N | 76.70 3.36 -34.44 N | 75.87 2.70 -40.93 N | 75.18 5.67 0.00 N | 71.81 5.10 0.00 N | 48.66 3.43 0.00 N | 49.60 3.39 0.00 N | 46.44 3.10 0.00 N | 46.16 3.00 0.00 N | 49.81 3.59 0.00 N | 134.48 1.26 -117.60 N | 71.17 5.42 0.00 N | 59.45 4.21 -4.29 N | 72.23 3.92 -19.23 N | 71.28 5.00 0.00 N | 66.77 4.47 -0.18 N |
| IP CORINTH____1 23988 | 77.25 4.74 0.00 N | 80.38 3.10 -34.66 N | 63.44 4.17 0.00 N | 68.88 4.41 0.00 N | 74.67 5.00 0.00 N | 66.70 4.82 0.00 N | 51.35 3.89 0.00 N | 41.88 3.01 0.00 N | 52.28 3.76 0.00 N | 87.04 3.29 -44.85 N | 88.20 2.66 -53.31 N | 74.86 5.35 0.00 N | 71.73 5.03 0.00 N | 48.69 3.46 0.00 N | 49.67 3.47 0.00 N | 46.48 3.14 0.00 N | 46.24 3.08 0.00 N | 50.15 3.94 0.00 N | 170.48 1.26 -153.60 N | 70.56 4.80 0.00 N | 60.58 4.04 -5.61 N | 77.98 3.78 -25.12 N | 70.92 4.64 0.00 N | 66.57 4.22 -0.23 N |

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| IP____TICONDEROGA 23804 | 78.86 6.35 0.00 N | 80.57 4.13 -33.82 N | 64.76 5.49 0.00 N | 70.18 5.72 0.00 N | 76.13 6.46 0.00 N | 68.10 6.22 0.00 N | 52.46 4.99 0.00 N | 42.90 4.02 0.00 N | 53.33 4.82 0.00 N | 86.80 4.14 -43.77 N | 87.61 3.36 -52.02 N | 76.20 6.69 0.00 N | 73.28 6.57 0.00 N | 49.86 4.62 0.00 N | 50.87 4.66 0.00 N | 47.52 4.18 0.00 N | 47.15 3.99 0.00 N | 51.24 5.03 0.00 N | 167.07 1.56 -149.89 N | 71.38 5.62 0.00 N | 61.48 5.07 -5.47 N | 78.47 4.86 -24.51 N | 72.48 6.20 0.00 N | 68.14 5.79 -0.23 N |
| JARVIS____ 23743 | 72.88 0.37 0.00 N | 42.24 0.26 0.64 N | 59.63 0.35 0.00 N | 64.85 0.39 0.00 N | 70.07 0.41 0.00 N | 62.25 0.37 0.00 N | 47.75 0.28 0.00 N | 39.15 0.27 0.00 N | 48.90 0.39 0.00 N | 38.43 0.36 0.83 N | 31.54 0.29 0.99 N | 70.13 0.62 0.00 N | 67.18 0.47 0.00 N | 45.55 0.32 0.00 N | 46.49 0.28 0.00 N | 43.60 0.26 0.00 N | 43.44 0.28 0.00 N | 46.60 0.38 0.00 N | 12.92 0.14 2.84 N | 66.33 0.58 0.00 N | 51.24 0.41 0.10 N | 48.99 0.37 0.46 N | 66.69 0.42 0.00 N | 62.48 0.36 0.00 N |
| JENNISON____1 23625 | 73.11 0.61 0.00 N | 52.04 0.03 -9.38 N | 59.32 0.05 0.00 N | 64.76 0.30 0.00 N | 69.79 0.12 0.00 N | 61.85 -0.03 0.00 N | 47.57 0.13 0.02 N | 39.39 0.51 0.00 N | 49.71 1.20 0.00 N | 52.33 1.29 -12.14 N | 47.61 0.95 -14.43 N | 71.62 2.11 0.00 N | 68.10 1.39 0.00 N | 45.99 0.76 0.00 N | 46.99 0.78 0.00 N | 44.14 0.80 0.00 N | 44.00 0.84 0.00 N | 47.31 1.09 0.00 N | 56.48 0.50 -40.37 N | 67.86 2.11 0.00 N | 53.70 1.29 -1.47 N | 56.57 0.88 -6.60 N | 67.03 0.75 0.00 N | 62.57 0.39 -0.06 N |
| JENNISON____2 23626 | 73.03 0.52 0.00 N | 52.00 -0.01 -9.38 N | 59.26 -0.01 0.00 N | 64.69 0.22 0.00 N | 69.72 0.05 0.00 N | 61.78 -0.10 0.00 N | 47.53 0.08 0.02 N | 39.34 0.47 0.00 N | 49.65 1.14 0.00 N | 52.28 1.25 -12.14 N | 47.56 0.90 -14.43 N | 71.52 2.01 0.00 N | 68.02 1.31 0.00 N | 45.94 0.70 0.00 N | 46.93 0.72 0.00 N | 44.08 0.74 0.00 N | 43.95 0.79 0.00 N | 47.23 1.02 0.00 N | 56.47 0.50 -40.37 N | 67.78 2.02 0.00 N | 53.63 1.22 -1.47 N | 56.50 0.81 -6.60 N | 66.95 0.67 0.00 N | 62.49 0.31 -0.06 N |
| KEDC PORT_JEFF_GT2 24210 | 78.32 5.82 0.00 N | 73.26 3.82 -26.81 N | 65.52 5.61 -0.64 N | 70.89 6.39 -0.03 N | 77.42 6.75 -1.00 N | 74.47 6.39 -6.21 N | 62.53 4.86 -10.21 N | 67.93 4.35 -24.71 N | 76.25 5.67 -22.06 N | 81.57 4.45 -38.23 N | 79.38 3.30 -43.85 N | 79.69 7.15 -3.03 N | 79.20 6.85 -5.64 N | 78.63 4.86 -28.53 N | 76.10 4.85 -25.04 N | 76.93 4.50 -29.09 N | 94.61 4.94 -46.51 N | 69.67 4.89 -18.56 N | 140.10 1.71 -122.78 N | 102.65 6.75 -30.15 N | 111.25 5.76 -54.55 N | 79.98 5.20 -25.69 N | 77.00 6.71 -4.01 N | 76.67 6.03 -8.51 N |
| KEDC PORT_JEFF_GT3 24211 | 78.32 5.82 0.00 N | 73.26 3.82 -26.81 N | 65.52 5.61 -0.64 N | 70.89 6.39 -0.03 N | 77.42 6.75 -1.00 N | 74.47 6.39 -6.21 N | 62.53 4.86 -10.21 N | 67.93 4.35 -24.71 N | 76.25 5.67 -22.06 N | 81.57 4.45 -38.23 N | 79.38 3.30 -43.85 N | 79.69 7.15 -3.03 N | 79.20 6.85 -5.64 N | 78.63 4.86 -28.53 N | 76.10 4.85 -25.04 N | 76.93 4.50 -29.09 N | 94.61 4.94 -46.51 N | 69.67 4.89 -18.56 N | 140.10 1.71 -122.78 N | 102.65 6.75 -30.15 N | 111.25 5.76 -54.55 N | 79.98 5.20 -25.69 N | 77.00 6.71 -4.01 N | 76.67 6.03 -8.51 N |
| KEDC_GLWD_GT4 24219 | 79.14 6.64 0.00 N | 73.44 4.01 -26.81 N | 65.43 5.51 -0.64 N | 70.50 6.01 -0.03 N | 76.96 6.29 -1.00 N | 73.94 5.86 -6.21 N | 62.35 4.67 -10.21 N | 67.66 4.07 -24.71 N | 75.92 5.35 -22.06 N | 81.57 4.45 -38.23 N | 79.63 3.55 -43.85 N | 80.08 7.54 -3.03 N | 79.25 6.91 -5.64 N | 78.47 4.70 -28.53 N | 75.96 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.25 4.58 -46.51 N | 69.43 4.65 -18.56 N | 140.03 1.63 -122.78 N | 102.85 6.94 -30.15 N | 111.18 5.69 -54.55 N | 80.02 5.24 -25.69 N | 77.05 6.76 -4.01 N | 76.68 6.04 -8.51 N |
| KEDC_GLWD_GT5 24220 | 79.14 6.64 0.00 N | 73.44 4.01 -26.81 N | 65.43 5.51 -0.64 N | 70.50 6.01 -0.03 N | 76.96 6.29 -1.00 N | 73.94 5.86 -6.21 N | 62.35 4.67 -10.21 N | 67.66 4.07 -24.71 N | 75.92 5.35 -22.06 N | 81.57 4.45 -38.23 N | 79.63 3.55 -43.85 N | 80.08 7.54 -3.03 N | 79.25 6.91 -5.64 N | 78.47 4.70 -28.53 N | 75.96 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.25 4.58 -46.51 N | 69.43 4.65 -18.56 N | 140.03 1.63 -122.78 N | 102.85 6.94 -30.15 N | 111.18 5.69 -54.55 N | 80.02 5.24 -25.69 N | 77.05 6.76 -4.01 N | 76.68 6.04 -8.51 N |
| KENSICO____ 23655 | 78.04 5.53 0.00 N | 72.68 3.29 -26.76 N | 63.73 4.45 0.00 N | 69.26 4.80 0.00 N | 74.68 5.01 0.00 N | 66.52 4.64 0.00 N | 51.21 3.75 0.01 N | 42.14 3.26 0.00 N | 52.78 4.27 0.00 N | 77.18 3.65 -34.63 N | 76.33 2.93 -41.16 N | 75.70 6.19 0.00 N | 72.27 5.56 0.00 N | 48.99 3.75 0.00 N | 49.95 3.74 0.00 N | 46.78 3.44 0.00 N | 46.52 3.36 0.00 N | 50.17 3.95 0.00 N | 135.48 1.39 -118.48 N | 71.66 5.90 0.00 N | 59.84 4.58 -4.32 N | 72.67 4.25 -19.34 N | 71.74 5.46 0.00 N | 67.20 4.90 -0.18 N |
| KIAC_JFK_GT1 23816 | 78.85 6.35 0.00 N | 73.17 3.74 -26.81 N | 64.50 5.23 0.00 N | 69.97 5.50 0.00 N | 75.38 5.72 0.00 N | 67.15 5.27 0.00 N | 51.72 4.26 0.01 N | 42.47 3.60 0.00 N | 53.23 4.71 0.00 N | 77.50 3.90 -34.70 N | 76.37 2.90 -41.23 N | 75.85 6.34 0.00 N | 72.41 5.70 0.00 N | 49.09 3.85 0.00 N | 50.05 3.84 0.00 N | 46.88 3.54 0.00 N | 46.41 3.25 0.00 N | 50.11 3.90 0.00 N | 135.44 1.36 -118.48 N | 71.53 5.78 0.00 N | 59.74 4.48 -4.33 N | 72.67 4.20 -19.37 N | 71.91 5.64 0.00 N | 67.56 5.26 -0.18 N |
| KIAC_JFK_GT2 23817 | 78.85 6.35 0.00 N | 73.17 3.74 -26.81 N | 64.50 5.23 0.00 N | 69.97 5.50 0.00 N | 75.38 5.72 0.00 N | 67.15 5.27 0.00 N | 51.72 4.26 0.01 N | 42.47 3.60 0.00 N | 53.23 4.71 0.00 N | 77.50 3.90 -34.70 N | 76.37 2.90 -41.23 N | 75.85 6.34 0.00 N | 72.41 5.70 0.00 N | 49.09 3.85 0.00 N | 50.05 3.84 0.00 N | 46.88 3.54 0.00 N | 46.41 3.25 0.00 N | 50.11 3.90 0.00 N | 135.44 1.36 -118.48 N | 71.53 5.78 0.00 N | 59.74 4.48 -4.33 N | 72.67 4.20 -19.37 N | 71.91 5.64 0.00 N | 67.56 5.26 -0.18 N |
| KINTIGH____ 23543 | 64.60 -7.91 0.00 N | 40.77 -5.26 -3.41 N | 52.13 -7.14 0.00 N | 57.29 -7.18 0.00 N | 61.70 -7.96 0.00 N | 53.96 -7.92 0.00 N | 40.58 -6.30 0.58 N | 33.89 -4.99 0.00 N | 42.65 -5.86 0.00 N | 38.98 -4.33 -4.41 N | 34.12 -3.36 -5.24 N | 62.19 -7.32 0.00 N | 59.14 -7.56 0.00 N | 40.20 -5.04 0.00 N | 40.98 -5.23 0.00 N | 38.70 -4.63 0.00 N | 38.89 -4.27 0.00 N | 41.57 -4.65 0.00 N | 29.24 -1.43 -15.06 N | 59.48 -6.28 0.00 N | 46.27 -5.22 -0.55 N | 46.10 -5.45 -2.46 N | 58.90 -7.37 0.00 N | 55.61 -6.53 -0.02 N |
| LEDERLE____ 23769 | 78.51 6.01 0.00 N | 72.04 3.55 -25.87 N | 64.05 4.78 0.00 N | 69.61 5.14 0.00 N | 75.06 5.40 0.00 N | 66.85 4.97 0.00 N | 51.49 4.02 0.01 N | 42.39 3.52 0.00 N | 53.14 4.62 0.00 N | 76.34 3.96 -33.48 N | 75.24 3.21 -39.79 N | 76.31 6.81 0.00 N | 72.80 6.10 0.00 N | 49.33 4.09 0.00 N | 50.25 4.05 0.00 N | 47.07 3.73 0.00 N | 46.80 3.64 0.00 N | 50.49 4.28 0.00 N | 131.45 1.50 -114.33 N | 72.27 6.51 0.00 N | 60.14 5.03 -4.18 N | 72.44 4.65 -18.70 N | 72.27 5.99 0.00 N | 67.64 5.35 -0.17 N |
| LINDEN COGEN____ 23786 | 78.38 5.87 0.00 N | 72.90 3.46 -26.81 N | 63.92 4.65 0.00 N | 69.45 4.98 0.00 N | 74.83 5.17 0.00 N | 66.68 4.80 0.00 N | 51.35 3.89 0.01 N | 42.23 3.35 0.00 N | 52.95 4.43 0.00 N | 77.40 3.81 -34.70 N | 76.50 3.03 -41.23 N | 75.90 6.39 0.00 N | 72.43 5.72 0.00 N | 49.07 3.84 0.00 N | 50.04 3.83 0.00 N | 46.88 3.54 0.00 N | 46.54 3.38 0.00 N | 50.29 4.08 0.00 N | 135.51 1.42 -118.48 N | 71.94 6.19 0.00 N | 59.94 4.68 -4.33 N | 72.81 4.34 -19.37 N | 71.89 5.61 0.00 N | 67.34 5.04 -0.18 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 | 78.06 5.56 0.00 N | 73.06 3.63 -26.81 N | 65.23 5.32 -0.64 N | 70.62 6.12 -0.03 N | 77.22 6.56 -1.00 N | 74.28 6.19 -6.21 N | 62.30 4.62 -10.21 N | 67.73 4.15 -24.71 N | 75.99 5.42 -22.06 N | 81.41 4.29 -38.23 N | 79.28 3.20 -43.85 N | 79.45 6.91 -3.03 N | 78.89 6.55 -5.64 N | 78.39 4.62 -28.53 N | 75.84 4.59 -25.04 N | 76.69 4.26 -29.09 N | 94.31 4.63 -46.51 N | 69.62 4.84 -18.56 N | 140.09 1.70 -122.78 N | 102.60 6.69 -30.15 N | 111.06 5.57 -54.55 N | 79.81 5.04 -25.69 N | 76.71 6.42 -4.01 N | 76.36 5.72 -8.51 N | |
| LITTLE FALLS___HYD 24013 | 77.51 5.00 0.00 N | 44.93 2.94 0.64 N | 63.32 4.04 0.00 N | 68.80 4.33 0.00 N | 74.30 4.64 0.00 N | 66.04 4.17 0.00 N | 50.77 3.30 0.00 N | 41.77 2.89 0.00 N | 52.42 3.91 0.00 N | 41.61 3.55 0.83 N | 34.16 2.91 0.99 N | 75.65 6.14 0.00 N | 71.94 5.23 0.00 N | 48.73 3.49 0.00 N | 49.45 3.25 0.00 N | 46.18 2.84 0.00 N | 46.23 3.07 0.00 N | 50.02 3.81 0.00 N | 14.15 1.38 2.84 N | 71.08 5.32 0.00 N | 55.00 4.17 0.10 N | 52.44 3.82 0.46 N | 71.11 4.84 0.00 N | 66.37 4.25 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 70.73 -1.77 0.00 N | 43.47 -1.18 -2.02 N | 57.63 -1.64 0.00 N | 62.74 -1.73 0.00 N | 67.70 -1.96 0.00 N | 60.06 -1.81 0.00 N | 46.15 -1.33 -0.01 N | 37.90 -0.98 0.00 N | 47.52 -1.00 0.00 N | 40.87 -0.65 -2.62 N | 34.85 -0.50 -3.11 N | 68.35 -1.15 0.00 N | 65.38 -1.33 0.00 N | 44.34 -0.89 0.00 N | 45.27 -0.93 0.00 N | 42.50 -0.84 0.00 N | 42.41 -0.75 0.00 N | 45.50 -0.71 0.00 N | 24.16 -0.18 -8.73 N | 64.98 -0.77 0.00 N | 50.54 -0.73 -0.33 N | 49.66 -0.89 -1.46 N | 64.83 -1.45 0.00 N | 60.67 -1.46 -0.01 N | |
| LOVETT___3 23632 | 76.66 4.15 0.00 N | 71.16 2.52 -26.02 N | 62.60 3.32 0.00 N | 67.97 3.50 0.00 N | 73.30 3.64 0.00 N | 65.29 3.42 0.00 N | 50.31 2.84 0.01 N | 41.42 2.55 0.00 N | 51.79 3.27 0.00 N | 75.41 2.84 -33.67 N | 74.55 2.30 -40.02 N | 74.29 4.78 0.00 N | 70.95 4.24 0.00 N | 48.15 2.91 0.00 N | 49.04 2.83 0.00 N | 45.93 2.59 0.00 N | 45.72 2.55 0.00 N | 49.26 3.05 0.00 N | 131.65 1.06 -114.99 N | 70.31 4.56 0.00 N | 58.69 3.56 -4.20 N | 71.18 3.29 -18.80 N | 70.47 4.19 0.00 N | 66.01 3.71 -0.17 N | |
| LOVETT___4 23642 | 77.40 4.89 0.00 N | 71.59 2.94 -26.02 N | 63.19 3.92 0.00 N | 68.64 4.17 0.00 N | 74.01 4.34 0.00 N | 65.91 4.04 0.00 N | 50.78 3.32 0.01 N | 41.83 2.95 0.00 N | 52.33 3.82 0.00 N | 75.86 3.29 -33.67 N | 74.92 2.66 -40.02 N | 75.09 5.58 0.00 N | 71.69 4.99 0.00 N | 48.63 3.39 0.00 N | 49.52 3.31 0.00 N | 46.39 3.05 0.00 N | 46.15 2.99 0.00 N | 49.77 3.56 0.00 N | 131.82 1.22 -114.99 N | 71.11 5.35 0.00 N | 59.28 4.14 -4.20 N | 71.73 3.84 -18.80 N | 71.19 4.91 0.00 N | 66.65 4.36 -0.17 N | |
| LOVETT___5 23593 | 77.40 4.89 0.00 N | 71.59 2.94 -26.02 N | 63.19 3.92 0.00 N | 68.64 4.17 0.00 N | 74.01 4.34 0.00 N | 65.91 4.04 0.00 N | 50.78 3.32 0.01 N | 41.83 2.95 0.00 N | 52.33 3.82 0.00 N | 75.86 3.29 -33.67 N | 74.92 2.66 -40.02 N | 75.09 5.58 0.00 N | 71.69 4.99 0.00 N | 48.63 3.39 0.00 N | 49.52 3.31 0.00 N | 46.39 3.05 0.00 N | 46.15 2.99 0.00 N | 49.77 3.56 0.00 N | 131.82 1.22 -114.99 N | 71.11 5.35 0.00 N | 59.28 4.14 -4.20 N | 71.73 3.84 -18.80 N | 71.19 4.91 0.00 N | 66.65 4.36 -0.17 N | |
| LOWER RAQUET___HYD 24057 | 71.12 -1.39 0.00 N | 41.78 -0.85 0.00 N | 58.12 -1.16 0.00 N | 63.21 -1.26 0.00 N | 68.41 -1.25 0.00 N | 60.79 -1.08 0.00 N | 45.92 -1.54 0.00 N | 37.39 -1.49 0.00 N | 46.49 -2.02 0.00 N | 36.77 -2.13 0.00 N | 30.52 -1.72 0.00 N | 66.11 -3.40 0.00 N | 64.72 -1.99 0.00 N | 44.10 -1.14 0.00 N | 45.16 -1.05 0.00 N | 42.29 -1.05 0.00 N | 41.85 -1.31 0.00 N | 44.07 -2.14 0.00 N | 14.87 -0.74 0.00 N | 63.37 -2.39 0.00 N | 49.14 -1.80 0.00 N | 47.86 -1.23 0.00 N | 64.77 -1.51 0.00 N | 60.75 -1.37 0.00 N | |
| LOWER___HUDSON 24059 | 76.23 3.73 0.00 N | 79.08 2.39 -34.06 N | 62.43 3.15 0.00 N | 67.76 3.30 0.00 N | 73.31 3.65 0.00 N | 65.35 3.48 0.00 N | 50.20 2.73 0.00 N | 41.13 2.25 0.00 N | 51.28 2.77 0.00 N | 85.48 2.50 -44.09 N | 86.64 2.01 -52.40 N | 73.53 4.03 0.00 N | 70.46 3.75 0.00 N | 47.82 2.58 0.00 N | 48.76 2.56 0.00 N | 45.64 2.30 0.00 N | 45.38 2.22 0.00 N | 49.05 2.83 0.00 N | 167.53 0.93 -150.99 N | 69.29 3.53 0.00 N | 59.43 2.98 -5.51 N | 76.59 2.81 -24.69 N | 69.87 3.59 0.00 N | 65.68 3.33 -0.23 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 71.41 -1.10 0.00 N | 41.86 -0.78 0.00 N | 58.20 -1.07 0.00 N | 63.29 -1.18 0.00 N | 68.40 -1.26 0.00 N | 60.73 -1.14 0.00 N | 46.26 -1.21 0.00 N | 37.82 -1.06 0.00 N | 47.34 -1.18 0.00 N | 37.87 -1.03 0.00 N | 31.37 -0.86 0.00 N | 67.65 -1.85 0.00 N | 65.69 -1.02 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.64 0.00 N | 42.69 -0.65 0.00 N | 42.40 -0.76 0.00 N | 45.09 -1.12 0.00 N | 15.31 -0.31 0.00 N | 64.80 -0.96 0.00 N | 50.08 -0.86 0.00 N | 48.35 -0.73 0.00 N | 65.15 -1.13 0.00 N | 60.87 -1.25 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 71.43 -1.08 0.00 N | 40.84 -0.30 1.48 N | 58.80 -0.47 0.00 N | 64.02 -0.45 0.00 N | 69.27 -0.39 0.00 N | 61.56 -0.32 0.00 N | 47.16 -0.32 0.00 N | 38.48 -0.39 0.00 N | 47.99 -0.52 0.00 N | 36.54 -0.44 1.92 N | 29.66 -0.30 2.28 N | 68.98 -0.53 0.00 N | 66.04 -0.67 0.00 N | 44.51 -0.72 0.00 N | 45.44 -0.77 0.00 N | 42.60 -0.74 0.00 N | 42.59 -0.57 0.00 N | 45.75 -0.46 0.00 N | 8.91 -0.16 6.55 N | 65.06 -0.69 0.00 N | 50.16 -0.54 0.24 N | 47.52 -0.50 1.07 N | 65.63 -0.65 0.00 N | 61.50 -0.61 0.01 N | |
| MG INDUSTRY___DRP 24185 | 75.59 3.08 0.00 N | 78.15 1.90 -33.62 N | 61.83 2.56 0.00 N | 67.19 2.72 0.00 N | 72.56 2.90 0.00 N | 64.49 2.61 0.00 N | 49.25 1.78 0.00 N | 40.37 1.50 0.00 N | 50.40 1.89 0.00 N | 84.12 1.71 -43.51 N | 85.32 1.37 -51.71 N | 72.29 2.78 0.00 N | 69.20 2.49 0.00 N | 46.93 1.69 0.00 N | 47.86 1.66 0.00 N | 44.83 1.49 0.00 N | 44.62 1.46 0.00 N | 48.03 1.81 0.00 N | 165.04 0.62 -148.80 N | 68.33 2.57 0.00 N | 58.39 2.02 -5.43 N | 75.32 1.90 -24.33 N | 68.72 2.45 0.00 N | 64.68 2.34 -0.22 N | |
| MID___OSWEGATCHIE_HYD 23849 | 71.41 -1.10 0.00 N | 41.86 -0.78 0.00 N | 58.20 -1.07 0.00 N | 63.29 -1.18 0.00 N | 68.40 -1.26 0.00 N | 60.73 -1.14 0.00 N | 46.26 -1.21 0.00 N | 37.82 -1.06 0.00 N | 47.34 -1.18 0.00 N | 37.87 -1.03 0.00 N | 31.37 -0.86 0.00 N | 67.65 -1.85 0.00 N | 65.69 -1.02 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.64 0.00 N | 42.69 -0.65 0.00 N | 42.40 -0.76 0.00 N | 45.09 -1.12 0.00 N | 15.31 -0.31 0.00 N | 64.80 -0.96 0.00 N | 50.08 -0.86 0.00 N | 48.35 -0.73 0.00 N | 65.15 -1.13 0.00 N | 60.87 -1.25 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 71.12 -1.39 0.00 N | 41.78 -0.85 0.00 N | 58.12 -1.16 0.00 N | 63.21 -1.26 0.00 N | 68.41 -1.25 0.00 N | 60.79 -1.08 0.00 N | 45.92 -1.54 0.00 N | 37.39 -1.49 0.00 N | 46.49 -2.02 0.00 N | 36.77 -2.13 0.00 N | 30.52 -1.72 0.00 N | 66.11 -3.40 0.00 N | 64.72 -1.99 0.00 N | 44.10 -1.14 0.00 N | 45.16 -1.05 0.00 N | 42.29 -1.05 0.00 N | 41.85 -1.31 0.00 N | 44.07 -2.14 0.00 N | 14.87 -0.74 0.00 N | 63.37 -2.39 0.00 N | 49.14 -1.80 0.00 N | 47.86 -1.23 0.00 N | 64.77 -1.51 0.00 N | 60.75 -1.37 0.00 N | |
| MILLIKEN___1 | 66.33 | 43.36 | 53.74 | 58.58 | 63.16 | 56.01 | 43.15 | 35.55 | 44.93 | 42.80 | 37.62 | 65.88 | 62.69 | 41.82 | 42.98 | 40.52 | 39.98 | 43.10 | 34.48 | 61.65 | 48.17 | 48.54 | 60.76 | 56.70 | |

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| 23584 | -6.17 0.00 N | -3.86 -4.59 N | -5.53 0.00 N | -5.89 0.00 N | -6.50 0.00 N | -5.87 0.00 N | -4.37 -0.05 N | -3.33 0.00 N | -3.58 0.00 N | -2.04 -5.94 N | -1.68 -7.06 N | -3.63 0.00 N | -4.02 0.00 N | -3.42 0.00 N | -3.23 0.00 N | -2.82 0.00 N | -3.18 0.00 N | -3.11 0.00 N | -0.99 -19.86 N | -4.11 0.00 N | -3.49 -0.72 N | -3.76 -3.21 N | -5.52 0.00 N | -5.45 -0.03 N |
| MILLIKEN___2 23585 | 66.33 -6.17 0.00 N | 43.36 -3.86 -4.59 N | 53.74 -5.53 0.00 N | 58.58 -5.89 0.00 N | 63.16 -6.50 0.00 N | 56.01 -5.87 0.00 N | 43.15 -4.37 -0.05 N | 35.55 -3.33 0.00 N | 44.93 -3.58 0.00 N | 42.80 -2.04 -5.94 N | 37.62 -1.68 -7.06 N | 65.88 -3.63 0.00 N | 62.69 -4.02 0.00 N | 41.82 -3.42 0.00 N | 42.98 -3.23 0.00 N | 40.52 -2.82 0.00 N | 39.98 -3.18 0.00 N | 43.10 -3.11 0.00 N | 34.48 -0.99 -19.86 N | 61.65 -4.11 0.00 N | 48.17 -3.49 -0.72 N | 48.54 -3.76 -3.21 N | 60.76 -5.52 0.00 N | 56.70 -5.45 -0.03 N |
| MILLIKEN___DIESEL 23629 | 66.33 -6.17 0.00 N | 43.36 -3.86 -4.59 N | 53.74 -5.53 0.00 N | 58.58 -5.89 0.00 N | 63.16 -6.50 0.00 N | 56.01 -5.87 0.00 N | 43.15 -4.37 -0.05 N | 35.55 -3.33 0.00 N | 44.93 -3.58 0.00 N | 42.80 -2.04 -5.94 N | 37.62 -1.68 -7.06 N | 65.88 -3.63 0.00 N | 62.69 -4.02 0.00 N | 41.82 -3.42 0.00 N | 42.98 -3.23 0.00 N | 40.52 -2.82 0.00 N | 39.98 -3.18 0.00 N | 43.10 -3.11 0.00 N | 34.48 -0.99 -19.86 N | 61.65 -4.11 0.00 N | 48.17 -3.49 -0.72 N | 48.54 -3.76 -3.21 N | 60.76 -5.52 0.00 N | 56.70 -5.45 -0.03 N |
| MODEL_CITY_ENERGY 24167 | 64.48 -8.03 0.00 N | 41.05 -5.53 -3.95 N | 51.86 -7.42 0.00 N | 57.16 -7.31 0.00 N | 61.50 -8.16 0.00 N | 53.51 -8.36 0.00 N | 40.22 -6.71 0.55 N | 33.62 -5.25 0.00 N | 42.42 -6.09 0.00 N | 39.59 -4.42 -5.11 N | 34.90 -3.41 -6.07 N | 62.11 -7.39 0.00 N | 58.90 -7.81 0.00 N | 40.04 -5.20 0.00 N | 40.78 -5.43 0.00 N | 38.57 -4.77 0.00 N | 38.86 -4.30 0.00 N | 41.46 -4.75 0.00 N | 31.64 -1.43 -17.46 N | 59.45 -6.31 0.00 N | 46.26 -5.32 -0.64 N | 46.30 -5.65 -2.85 N | 58.73 -7.54 0.00 N | 55.59 -6.56 -0.03 N |
| MODERN_LFGE___ 323580 | 64.48 -8.03 0.00 N | 41.05 -5.53 -3.95 N | 51.86 -7.42 0.00 N | 57.16 -7.31 0.00 N | 61.50 -8.16 0.00 N | 53.51 -8.36 0.00 N | 40.22 -6.71 0.55 N | 33.62 -5.25 0.00 N | 42.42 -6.09 0.00 N | 39.59 -4.42 -5.11 N | 34.90 -3.41 -6.07 N | 62.11 -7.39 0.00 N | 58.90 -7.81 0.00 N | 40.04 -5.20 0.00 N | 40.78 -5.43 0.00 N | 38.57 -4.77 0.00 N | 38.86 -4.30 0.00 N | 41.46 -4.75 0.00 N | 31.64 -1.43 -17.46 N | 59.45 -6.31 0.00 N | 46.26 -5.32 -0.64 N | 46.30 -5.65 -2.85 N | 58.73 -7.54 0.00 N | 55.59 -6.56 -0.03 N |
| MOHAWK_PAPER___DRP 24187 | 76.66 4.16 0.00 N | 79.64 2.55 -34.46 N | 62.70 3.43 0.00 N | 68.08 3.61 0.00 N | 73.58 3.91 0.00 N | 65.52 3.64 0.00 N | 50.30 2.83 0.00 N | 41.27 2.39 0.00 N | 51.53 3.02 0.00 N | 86.16 2.66 -44.60 N | 87.39 2.15 -53.00 N | 73.95 4.44 0.00 N | 70.76 4.05 0.00 N | 47.99 2.76 0.00 N | 48.95 2.74 0.00 N | 45.83 2.49 0.00 N | 45.60 2.44 0.00 N | 49.22 3.00 0.00 N | 169.37 1.02 -152.73 N | 69.84 4.08 0.00 N | 59.77 3.26 -5.58 N | 77.11 3.04 -24.98 N | 70.20 3.92 0.00 N | 65.96 3.61 -0.23 N |
| MONGAUP___HYD 23641 | 78.10 5.60 0.00 N | 70.32 3.26 -24.44 N | 63.66 4.38 0.00 N | 69.19 4.73 0.00 N | 74.63 4.96 0.00 N | 66.43 4.55 0.00 N | 51.12 3.66 0.01 N | 42.10 3.22 0.00 N | 52.83 4.32 0.00 N | 74.24 3.71 -31.63 N | 72.85 3.03 -37.59 N | 75.96 6.45 0.00 N | 72.52 5.81 0.00 N | 49.11 3.88 0.00 N | 50.06 3.85 0.00 N | 46.89 3.55 0.00 N | 46.70 3.53 0.00 N | 50.36 4.15 0.00 N | 125.11 1.49 -108.00 N | 72.02 6.26 0.00 N | 59.67 4.79 -3.94 N | 71.15 4.40 -17.66 N | 71.85 5.57 0.00 N | 67.20 4.92 -0.16 N |
| MONTAUK___DIESEL 23721 | 80.10 7.59 0.00 N | 74.16 4.73 -26.81 N | 66.72 6.81 -0.64 N | 72.29 7.79 -0.03 N | 79.04 8.37 -1.00 N | 75.88 7.80 -6.21 N | 63.51 5.83 -10.21 N | 68.77 5.19 -24.71 N | 77.45 6.87 -22.06 N | 82.65 5.53 -38.23 N | 80.31 4.23 -43.85 N | 81.74 9.20 -3.03 N | 81.03 8.68 -5.64 N | 79.82 6.05 -28.53 N | 77.27 6.02 -25.04 N | 78.04 5.61 -29.09 N | 95.70 6.03 -46.51 N | 71.23 6.45 -18.56 N | 140.66 2.27 -122.78 N | 105.03 9.12 -30.15 N | 112.87 7.38 -54.55 N | 81.46 6.68 -25.69 N | 78.74 8.45 -4.01 N | 78.09 7.45 -8.51 N |
| N SALMON___HYD 24042 | 71.37 -1.14 0.00 N | 42.03 -0.60 0.00 N | 58.44 -0.83 0.00 N | 63.55 -0.92 0.00 N | 68.79 -0.87 0.00 N | 61.23 -0.65 0.00 N | 46.68 -0.79 0.00 N | 38.02 -0.85 0.00 N | 47.23 -1.28 0.00 N | 37.54 -1.36 0.00 N | 31.12 -1.11 0.00 N | 67.29 -2.22 0.00 N | 65.23 -1.47 0.00 N | 44.31 -0.93 0.00 N | 45.34 -0.86 0.00 N | 42.50 -0.84 0.00 N | 42.25 -0.91 0.00 N | 44.91 -1.31 0.00 N | 15.08 -0.53 0.00 N | 63.77 -1.99 0.00 N | 49.59 -1.35 0.00 N | 48.09 -1.00 0.00 N | 65.09 -1.19 0.00 N | 61.19 -0.94 0.00 N |
| N.E._GEN_SANDY PD 24062 | 76.47 3.96 0.00 N | 76.96 2.54 -31.79 N | 62.65 3.37 0.00 N | 68.00 3.54 0.00 N | 73.51 3.85 0.00 N | 65.54 3.66 0.00 N | 50.36 2.90 0.01 N | 41.31 2.44 0.00 N | 51.51 3.00 0.00 N | 82.66 2.62 -41.15 N | 83.25 2.11 -48.90 N | 73.75 4.25 0.00 N | 70.69 3.98 0.00 N | 47.98 2.74 0.00 N | 48.94 2.73 0.00 N | 45.80 2.46 0.00 N | 45.50 2.34 0.00 N | 49.16 2.94 0.00 N | 157.30 0.95 -140.73 N | 85.00 4.36 1.60 N | 59.24 3.16 -5.14 N | 75.10 3.00 -23.01 N | 70.13 3.86 0.00 N | 65.89 3.56 -0.21 N |
| NARROWS_GT1_1 24228 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_2 24229 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_3 24230 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_4 24231 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |

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| NARROWS_GT1_5 24232 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_6 24233 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_7 24234 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT1_8 24235 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_1 24236 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_2 24237 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_3 24238 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_4 24239 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_5 24240 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_6 24241 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_7 24242 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NARROWS_GT2_8 24243 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |
| NEG CAPITAL____MECHNVIL 23645 | 76.63 4.13 0.00 N | 79.35 2.61 -34.11 N | 62.73 3.46 0.00 N | 68.09 3.63 0.00 N | 73.68 4.02 0.00 N | 65.71 3.83 0.00 N | 50.51 3.04 0.00 N | 41.37 2.50 0.00 N | 51.63 3.12 0.00 N | 85.83 2.78 -44.15 N | 86.97 2.26 -52.47 N | 74.06 4.55 0.00 N | 70.94 4.23 0.00 N | 48.14 2.91 0.00 N | 49.10 2.89 0.00 N | 45.94 2.61 0.00 N | 45.67 2.51 0.00 N | 49.45 3.24 0.00 N | 168.11 1.07 -151.42 N | 69.88 4.12 0.00 N | 59.88 3.42 -5.52 N | 77.00 3.18 -24.73 N | 70.29 4.01 0.00 N | 66.02 3.67 -0.23 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 67.46 -5.04 0.00 | 42.35 -3.34 -3.06 | 54.70 -4.57 0.00 | 59.79 -4.68 0.00 | 64.47 -5.20 0.00 | 56.83 -5.05 0.00 | 43.56 -3.90 0.01 | 35.85 -3.02 0.00 | 45.06 -3.45 0.00 | 40.40 -2.46 -3.96 | 35.05 -1.90 -4.71 | 65.31 -4.20 0.00 | 62.26 -4.45 0.00 | 42.29 -2.95 0.00 | 43.15 -3.06 0.00 | 40.65 -2.69 0.00 | 40.74 -2.42 0.00 | 43.65 -2.56 0.00 | 28.16 -0.76 -13.31 | 62.44 -3.32 0.00 | 48.58 -2.85 -0.49 | 48.19 -3.11 -2.21 | 61.85 -4.42 0.00 | 58.07 -4.08 -0.02 |

| | 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 | 68.74 -3.77 0.00 N | 43.44 -2.49 -3.31 N | 55.86 -3.41 0.00 N | 60.90 -3.57 0.00 N | 65.66 -4.00 0.00 N | 58.09 -3.78 0.00 N | 44.70 -2.79 -0.02 N | 36.86 -2.02 0.00 N | 46.37 -2.15 0.00 N | 41.74 -1.44 -4.28 N | 36.16 -1.16 -5.09 N | 66.86 -2.65 0.00 N | 63.68 -3.02 0.00 N | 43.20 -2.04 0.00 N | 44.10 -2.11 0.00 N | 41.45 -1.88 0.00 N | 41.42 -1.75 0.00 N | 44.48 -1.74 0.00 N | 29.53 -0.49 -14.40 N | 64.02 -1.74 0.00 N | 49.88 -1.60 -0.54 N | 49.63 -1.89 -2.43 N | 63.41 -2.87 0.00 N | 59.31 -2.84 -0.02 N | | |
| NEG CENTRAL___INDECK 23768 | 69.54 -2.97 0.00 N | 44.80 -2.42 -4.59 N | 56.13 -3.14 0.00 N | 61.64 -2.83 0.00 N | 66.34 -3.32 0.00 N | 58.30 -3.58 0.00 N | 44.82 -2.67 -0.01 N | 37.17 -1.71 0.00 N | 47.14 -1.37 0.00 N | 44.22 -0.62 -7.06 N | 38.78 -0.51 0.00 N | 68.38 -1.13 0.00 N | 64.65 -2.06 0.00 N | 43.79 -1.45 0.00 N | 44.67 -1.54 0.00 N | 42.09 -1.25 0.00 N | 42.24 -0.92 0.00 N | 45.29 -0.92 0.00 N | 35.59 -0.09 -20.07 N | 65.24 -0.52 0.00 N | 50.78 -0.89 -0.73 N | 50.90 -1.47 -3.28 N | 63.91 -2.37 0.00 N | 59.84 -2.31 -0.03 N | | |
| NEG CENTRAL___SENECA 23627 | 67.69 -4.82 0.00 N | 43.11 -3.17 -3.65 N | 54.93 -4.34 0.00 N | 59.95 -4.52 0.00 N | 64.58 -5.09 0.00 N | 57.07 -4.81 0.00 N | 43.93 -3.54 -0.01 N | 36.30 -2.57 0.00 N | 45.72 -2.79 0.00 N | 41.72 -1.90 -4.73 N | 36.32 -1.53 -5.62 N | 66.00 -3.51 0.00 N | 62.74 -3.97 0.00 N | 42.58 -2.66 0.00 N | 43.46 -2.74 0.00 N | 40.89 -2.45 0.00 N | 40.88 -2.28 0.00 N | 43.91 -2.31 0.00 N | 30.89 -0.66 -15.93 N | 63.48 -2.28 0.00 N | 49.46 -2.08 -0.60 N | 49.38 -2.42 -2.71 N | 62.66 -3.62 0.00 N | 58.59 -3.56 -0.03 N | | |
| NEG CENTRAL___STATE_STREET 24147 | 69.13 -3.37 0.00 N | 43.63 -2.26 -3.26 N | 56.07 -3.20 0.00 N | 61.15 -3.31 0.00 N | 65.93 -3.73 0.00 N | 58.40 -3.48 0.00 N | 45.04 -2.57 -0.14 N | 37.00 -1.88 0.00 N | 46.64 -1.87 0.00 N | 42.11 -1.00 -4.22 N | 36.45 -0.80 -5.01 N | 67.77 -1.74 0.00 N | 64.55 -2.16 0.00 N | 43.49 -1.75 0.00 N | 44.51 -1.70 0.00 N | 41.89 -1.45 0.00 N | 41.63 -1.53 0.00 N | 44.80 -1.42 0.00 N | 29.62 -0.40 -14.40 N | 64.14 -1.62 0.00 N | 49.93 -1.54 -0.53 N | 49.58 -1.86 -2.36 N | 63.38 -2.90 0.00 N | 59.24 -2.91 -0.02 N | | |
| NEG MILLWOOD___DRP 24198 | 78.39 5.88 0.00 N | 73.54 3.51 -27.40 N | 64.01 4.74 0.00 N | 69.56 5.09 0.00 N | 75.00 5.34 0.00 N | 66.82 4.95 0.00 N | 51.44 3.98 0.01 N | 42.33 3.45 0.00 N | 53.03 4.52 0.00 N | 78.22 3.87 -35.46 N | 77.50 3.12 -42.15 N | 76.11 6.60 0.00 N | 72.67 5.96 0.00 N | 49.18 3.94 0.00 N | 50.09 3.89 0.00 N | 46.91 3.57 0.00 N | 46.65 3.48 0.00 N | 50.38 4.16 0.00 N | 138.39 1.46 -121.31 N | 72.04 6.28 0.00 N | 60.24 4.88 -4.42 N | 73.41 4.51 -19.80 N | 72.06 5.79 0.00 N | 67.48 5.17 -0.18 N | | |
| NEG NORTH_FLCN_SEA 23793 | 70.86 -1.65 0.00 N | 41.83 -0.80 0.00 N | 58.09 -1.18 0.00 N | 63.10 -1.37 0.00 N | 68.35 -1.31 0.00 N | 60.96 -0.91 0.00 N | 46.59 -0.88 0.00 N | 37.96 -0.92 0.00 N | 47.04 -1.47 0.00 N | 37.53 -1.37 0.00 N | 31.11 -1.12 0.00 N | 67.11 -2.39 0.00 N | 64.88 -1.83 0.00 N | 44.07 -1.17 0.00 N | 45.05 -1.16 0.00 N | 42.21 -1.13 0.00 N | 42.01 -1.16 0.00 N | 44.93 -1.28 0.00 N | 15.07 -0.54 0.00 N | 63.36 -2.39 0.00 N | 49.39 -1.55 0.00 N | 47.83 -1.26 0.00 N | 64.62 -1.65 0.00 N | 60.86 -1.27 0.00 N | | |
| NEG NORTH_KES_CHATGAY 23792 | 71.28 -1.23 0.00 N | 42.00 -0.63 0.00 N | 58.40 -0.87 0.00 N | 63.49 -0.98 0.00 N | 68.72 -0.94 0.00 N | 61.19 -0.69 0.00 N | 46.79 -0.68 0.00 N | 38.11 -0.77 0.00 N | 47.31 -1.20 0.00 N | 37.67 -1.23 0.00 N | 31.22 -1.01 0.00 N | 67.48 -2.03 0.00 N | 65.24 -1.47 0.00 N | 44.28 -0.96 0.00 N | 45.30 -0.91 0.00 N | 42.48 -0.86 0.00 N | 42.28 -0.88 0.00 N | 45.07 -1.15 0.00 N | 15.12 -0.49 0.00 N | 63.76 -2.00 0.00 N | 49.67 -1.27 0.00 N | 48.13 -0.96 0.00 N | 65.14 -1.14 0.00 N | 61.26 -0.87 0.00 N | | |
| NEG NORTH___ALICE_FALLS 23915 | 71.40 -1.11 0.00 N | 42.13 -0.50 0.00 N | 58.51 -0.76 0.00 N | 63.57 -0.90 0.00 N | 68.84 -0.82 0.00 N | 61.39 -0.49 0.00 N | 46.94 -0.52 0.00 N | 38.25 -0.62 0.00 N | 47.46 -1.06 0.00 N | 37.87 -1.03 0.00 N | 31.41 -0.82 0.00 N | 67.93 -1.58 0.00 N | 65.64 -1.07 0.00 N | 44.59 -0.65 0.00 N | 45.58 -0.63 0.00 N | 42.72 -0.62 0.00 N | 42.52 -0.64 0.00 N | 45.45 -0.76 0.00 N | 15.25 -0.36 0.00 N | 64.16 -1.60 0.00 N | 49.99 -0.95 0.00 N | 48.40 -0.69 0.00 N | 65.40 -0.88 0.00 N | 61.53 -0.59 0.00 N | | |
| NEG NORTH___LWR_SARANAC 23913 | 71.40 -1.11 0.00 N | 42.13 -0.50 0.00 N | 58.51 -0.76 0.00 N | 63.57 -0.90 0.00 N | 68.84 -0.82 0.00 N | 61.39 -0.49 0.00 N | 46.94 -0.52 0.00 N | 38.25 -0.62 0.00 N | 47.46 -1.06 0.00 N | 37.87 -1.03 0.00 N | 31.41 -0.82 0.00 N | 67.93 -1.58 0.00 N | 65.64 -1.08 0.00 N | 44.59 -0.65 0.00 N | 45.58 -0.63 0.00 N | 42.72 -0.62 0.00 N | 42.51 -0.65 0.00 N | 45.45 -0.76 0.00 N | 15.25 -0.36 0.00 N | 64.16 -1.60 0.00 N | 49.99 -0.95 0.00 N | 48.40 -0.69 0.00 N | 65.40 -0.88 0.00 N | 61.53 -0.59 0.00 N | | |
| NEG NORTH___PLATTSBURG 23628 | 71.40 -1.11 0.00 N | 42.13 -0.50 0.00 N | 58.51 -0.76 0.00 N | 63.57 -0.90 0.00 N | 68.84 -0.82 0.00 N | 61.39 -0.49 0.00 N | 46.94 -0.52 0.00 N | 38.25 -0.62 0.00 N | 47.46 -1.06 0.00 N | 37.87 -1.03 0.00 N | 31.41 -0.82 0.00 N | 67.93 -1.58 0.00 N | 65.64 -1.07 0.00 N | 44.59 -0.65 0.00 N | 45.58 -0.63 0.00 N | 42.72 -0.62 0.00 N | 42.52 -0.64 0.00 N | 45.45 -0.76 0.00 N | 15.25 -0.36 0.00 N | 64.16 -1.60 0.00 N | 49.99 -0.95 0.00 N | 48.40 -0.69 0.00 N | 65.40 -0.88 0.00 N | 61.53 -0.59 0.00 N | | |
| NEG WEST_LEA_LOCKPORT 23791 | 64.41 -8.09 0.00 N | 40.95 -5.58 -3.90 N | 51.81 -7.46 0.00 N | 57.10 -7.36 0.00 N | 61.39 -8.27 0.00 N | 53.46 -8.42 0.00 N | 40.23 -6.69 0.55 N | 33.65 -5.23 0.00 N | 42.48 -6.03 0.00 N | 39.57 -4.37 -5.05 N | 34.85 -3.38 -6.00 N | 62.17 -7.34 0.00 N | 58.93 -7.78 0.00 N | 40.04 -5.19 0.00 N | 40.78 -5.43 0.00 N | 38.58 -4.76 0.00 N | 38.86 -4.30 0.00 N | 41.46 -4.75 0.00 N | 31.42 -1.43 -17.24 N | 59.48 -6.28 0.00 N | 46.30 -5.27 -0.63 N | 46.30 -5.61 -2.82 N | 58.78 -7.50 0.00 N | 55.58 -6.57 -0.03 N | | |
| NEG WEST___LANCASTER 23811 | 65.38 -7.13 0.00 N | 42.28 -5.14 -4.79 N | 52.49 -6.78 0.00 N | 57.94 -6.53 0.00 N | 62.23 -7.43 0.00 N | 54.40 -7.48 0.00 N | 41.31 -5.70 0.46 N | 34.88 -4.00 0.00 N | 44.46 -4.06 0.00 N | 42.32 -2.78 -6.20 N | 37.17 -2.43 -7.37 N | 64.44 -5.07 0.00 N | 60.53 -6.18 0.00 N | 40.92 -4.32 0.00 N | 41.77 -4.44 0.00 N | 39.42 -3.92 0.00 N | 39.58 -3.58 0.00 N | 42.33 -3.89 0.00 N | 35.53 -1.03 -20.95 N | 61.18 -4.58 0.00 N | 47.55 -4.15 -0.76 N | 47.84 -4.67 -3.43 N | 59.81 -6.47 0.00 N | 56.05 -6.10 -0.03 N | | |
| NEG_PENN_ALLEGHNY 23528 | 71.91 -0.60 0.00 N | 50.85 -0.66 -8.89 N | 58.48 -0.79 0.00 N | 63.92 -0.55 0.00 N | 68.87 -0.79 0.00 N | 60.95 -0.92 0.00 N | 46.89 -0.53 0.05 N | 38.90 0.02 0.00 N | 49.06 0.55 0.00 N | 51.13 0.67 -11.57 N | 46.34 0.37 -13.75 N | 70.27 0.76 0.00 N | 66.68 -0.03 0.00 N | 45.12 -0.12 0.00 N | 46.06 -0.15 0.00 N | 43.26 -0.08 0.00 N | 43.20 0.04 0.00 N | 46.33 0.11 0.00 N | 54.85 0.17 -39.06 N | 66.49 0.73 0.00 N | 52.62 0.26 -1.42 N | 55.33 -0.11 -6.35 N | 65.87 -0.40 0.00 N | 61.55 -0.64 -0.06 N | | |
| NEG___GEN_MONROE | 67.97 | 42.70 | 54.90 | 60.19 | 64.83 | 56.95 | 43.05 | 35.99 | 45.40 | 41.08 | 35.75 | 66.04 | 62.77 | 42.64 | 43.49 | 41.02 | 41.21 | 44.16 | 29.70 | 63.32 | 49.17 | 48.75 | 62.35 | 58.58 | | |

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|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|
| 24207 | -4.54 0.00 N | -3.24 -3.31 N | -4.37 0.00 N | -4.27 0.00 N | -4.84 0.00 N | -4.93 0.00 N | -3.82 0.60 N | -2.88 0.00 N | -3.11 0.00 N | -2.10 -4.28 N | -1.57 -5.09 N | -3.47 0.00 N | -3.94 0.00 N | -2.60 0.00 N | -2.72 0.00 N | -2.32 0.00 N | -1.96 0.00 N | -2.06 0.00 N | -0.54 -14.62 N | -2.44 0.00 N | -2.30 -0.53 N | -2.73 -2.39 N | -3.93 0.00 N | -3.57 -0.02 N |
| NEPA__ENERGY 23901 | 64.81 -7.70 0.00 N | 42.47 -5.59 -5.43 N | 51.99 -7.28 0.00 N | 57.46 -7.01 0.00 N | 61.61 -8.06 0.00 N | 54.00 -7.88 0.00 N | 41.37 -5.72 0.38 N | 35.28 -3.60 0.00 N | 45.29 -3.22 0.00 N | 43.81 -2.11 -7.03 N | 38.36 -2.23 -8.35 N | 64.99 -4.51 0.00 N | 60.55 -6.16 0.00 N | 40.72 -4.51 0.00 N | 41.66 -4.55 0.00 N | 39.24 -4.10 0.00 N | 39.33 -3.84 0.00 N | 42.06 -4.16 0.00 N | 38.36 -1.03 -23.78 N | 61.08 -4.68 0.00 N | 47.44 -4.37 -0.87 N | 48.04 -4.94 -3.89 N | 59.34 -6.94 0.00 N | 55.14 -7.02 -0.04 N |
| NEVERSINK__HYD 23608 | 74.67 2.17 0.00 N | 66.80 1.26 -22.91 N | 60.93 1.65 0.00 N | 66.23 1.76 0.00 N | 71.46 1.80 0.00 N | 63.55 1.67 0.00 N | 48.88 1.42 0.01 N | 40.21 1.33 0.00 N | 50.43 1.91 0.00 N | 70.26 1.72 -29.65 N | 68.85 1.38 -35.24 N | 72.35 2.84 0.00 N | 69.19 2.48 0.00 N | 46.89 1.66 0.00 N | 47.81 1.61 0.00 N | 44.80 1.47 0.00 N | 44.62 1.45 0.00 N | 48.01 1.80 0.00 N | 117.51 0.66 -101.24 N | 68.62 2.86 0.00 N | 56.79 2.16 -3.70 N | 67.58 1.93 -16.56 N | 68.60 2.33 0.00 N | 64.22 1.95 -0.15 N |
| NEWTON__FALLS_HYD 23847 | 71.41 -1.10 0.00 N | 41.86 -0.78 0.00 N | 58.20 -1.07 0.00 N | 63.29 -1.18 0.00 N | 68.40 -1.26 0.00 N | 60.73 -1.14 0.00 N | 46.26 -1.21 0.00 N | 37.82 -1.06 0.00 N | 47.34 -1.18 0.00 N | 37.87 -1.03 0.00 N | 31.37 -0.86 0.00 N | 67.65 -1.85 0.00 N | 65.69 -1.02 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.64 0.00 N | 42.69 -0.65 0.00 N | 42.40 -0.76 0.00 N | 45.09 -1.12 0.00 N | 15.31 -0.31 0.00 N | 64.80 -0.96 0.00 N | 50.08 -0.86 0.00 N | 48.35 -0.73 0.00 N | 65.15 -1.13 0.00 N | 60.87 -1.25 0.00 N |
| NIAGARA____ 23760 | 64.06 -8.45 0.00 N | 40.73 -5.74 -3.85 N | 51.55 -7.72 0.00 N | 56.82 -7.64 0.00 N | 61.13 -8.53 0.00 N | 53.19 -8.68 0.00 N | 39.90 -7.02 0.55 N | 33.33 -5.54 0.00 N | 42.00 -6.51 0.00 N | 39.10 -4.79 -4.98 N | 34.47 -3.69 -5.92 N | 61.49 -8.02 0.00 N | 58.35 -8.35 0.00 N | 39.68 -5.55 0.00 N | 40.42 -5.78 0.00 N | 38.25 -5.09 0.00 N | 38.52 -4.64 0.00 N | 41.09 -5.12 0.00 N | 31.07 -1.57 -17.02 N | 58.82 -6.94 0.00 N | 45.78 -5.78 -0.62 N | 45.83 -6.05 -2.78 N | 58.22 -8.05 0.00 N | 55.17 -6.98 -0.03 N |
| NINE_MILE_1 23575 | 69.86 -2.65 0.00 N | 42.68 -1.63 -1.68 N | 57.02 -2.25 0.00 N | 62.06 -2.41 0.00 N | 67.02 -2.65 0.00 N | 59.44 -2.44 0.00 N | 45.63 -1.84 0.00 N | 37.45 -1.43 0.00 N | 46.86 -1.66 0.00 N | 39.85 -1.21 -2.17 N | 33.83 -0.99 -2.58 N | 67.31 -2.20 0.00 N | 64.43 -2.28 0.00 N | 43.72 -1.51 0.00 N | 44.63 -1.57 0.00 N | 41.90 -1.44 0.00 N | 41.79 -1.38 0.00 N | 44.80 -1.42 0.00 N | 22.38 -0.43 -7.20 N | 63.85 -1.91 0.00 N | 49.66 -1.55 -0.26 N | 48.65 -1.62 -1.18 N | 63.97 -2.31 0.00 N | 59.93 -2.21 -0.01 N |
| NINE_MILE_2 23744 | 69.87 -2.64 0.00 N | 42.64 -1.62 -1.63 N | 57.03 -2.24 0.00 N | 62.08 -2.38 0.00 N | 67.02 -2.65 0.00 N | 59.45 -2.43 0.00 N | 45.63 -1.84 0.00 N | 37.45 -1.42 0.00 N | 46.87 -1.64 0.00 N | 39.80 -1.21 -2.11 N | 33.77 -0.97 -2.51 N | 67.32 -2.19 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.64 -1.56 0.00 N | 41.90 -1.44 0.00 N | 41.79 -1.37 0.00 N | 44.81 -1.41 0.00 N | 22.37 -0.44 -7.20 N | 63.86 -1.90 0.00 N | 49.66 -1.55 -0.26 N | 48.65 -1.62 -1.18 N | 63.98 -2.30 0.00 N | 59.94 -2.20 -0.01 N |
| NM_CAPITAL__DRP 24208 | 76.46 3.95 0.00 N | 79.25 2.46 -34.16 N | 62.57 3.30 0.00 N | 67.95 3.49 0.00 N | 73.42 3.76 0.00 N | 65.38 3.51 0.00 N | 50.17 2.70 0.00 N | 41.15 2.27 0.00 N | 51.36 2.84 0.00 N | 85.63 2.51 -44.22 N | 86.80 2.02 -52.55 N | 73.64 4.13 0.00 N | 70.47 3.76 0.00 N | 47.80 2.57 0.00 N | 48.76 2.55 0.00 N | 45.64 2.30 0.00 N | 45.41 2.25 0.00 N | 48.99 2.78 0.00 N | 167.97 0.93 -151.42 N | 69.49 3.74 0.00 N | 59.48 3.02 -5.53 N | 76.67 2.82 -24.76 N | 69.95 3.67 0.00 N | 65.77 3.42 -0.23 N |
| NM_CENTRAL__DRP 24181 | 70.91 -1.59 0.00 N | 43.61 -1.10 -2.07 N | 57.76 -1.51 0.00 N | 62.91 -1.56 0.00 N | 67.89 -1.77 0.00 N | 60.19 -1.69 0.00 N | 46.26 -1.22 -0.01 N | 38.03 -0.84 0.00 N | 47.70 -0.82 0.00 N | 41.10 -0.48 -2.68 N | 35.04 -0.39 -3.19 N | 68.61 -0.89 0.00 N | 65.56 -1.15 0.00 N | 44.44 -0.79 0.00 N | 45.36 -0.84 0.00 N | 42.57 -0.77 0.00 N | 42.42 -0.74 0.00 N | 45.55 -0.66 0.00 N | 24.62 -0.16 -9.16 N | 65.11 -0.64 0.00 N | 50.62 -0.65 -0.33 N | 49.74 -0.84 -1.50 N | 64.91 -1.37 0.00 N | 60.74 -1.40 -0.01 N |
| NM_FRONTIER__DRP 24179 | 64.52 -7.98 0.00 N | 41.09 -5.49 -3.95 N | 51.88 -7.40 0.00 N | 57.20 -7.26 0.00 N | 61.55 -8.11 0.00 N | 53.53 -8.35 0.00 N | 40.18 -6.74 0.55 N | 33.57 -5.31 0.00 N | 42.31 -6.20 0.00 N | 39.51 -4.50 -5.11 N | 34.87 -3.44 -6.07 N | 62.05 -7.47 0.00 N | 58.88 -7.83 0.00 N | 40.04 -5.20 0.00 N | 40.77 -5.44 0.00 N | 38.58 -4.76 0.00 N | 38.87 -4.29 0.00 N | 41.47 -4.74 0.00 N | 31.42 -1.43 -17.24 N | 59.41 -6.35 0.00 N | 46.23 -5.34 -0.63 N | 46.24 -5.66 -2.82 N | 58.75 -7.53 0.00 N | 55.65 -6.50 -0.03 N |
| NM_ST_REGIS__HYD 24053 | 71.35 -1.16 0.00 N | 41.94 -0.69 0.00 N | 58.33 -0.94 0.00 N | 63.43 -1.03 0.00 N | 68.66 -1.00 0.00 N | 61.05 -0.83 0.00 N | 46.22 -1.25 0.00 N | 37.64 -1.24 0.00 N | 46.78 -1.73 0.00 N | 37.04 -1.85 0.00 N | 30.74 -1.50 0.00 N | 66.56 -2.94 0.00 N | 65.01 -1.70 0.00 N | 44.24 -0.99 0.00 N | 45.30 -0.90 0.00 N | 42.44 -0.90 0.00 N | 42.02 -1.14 0.00 N | 44.37 -1.85 0.00 N | 14.95 -0.67 0.00 N | 63.61 -2.15 0.00 N | 49.35 -1.59 0.00 N | 48.03 -1.06 0.00 N | 65.00 -1.28 0.00 N | 60.99 -1.13 0.00 N |
| NORTHPORT__1 23551 | 77.90 5.39 0.00 N | 73.00 3.57 -26.81 N | 65.20 5.29 -0.64 N | 70.47 5.97 -0.03 N | 76.87 6.20 -1.00 N | 73.97 5.89 -6.21 N | 62.28 4.60 -10.21 N | 67.67 4.09 -24.71 N | 75.85 5.28 -22.06 N | 81.25 4.12 -38.23 N | 79.12 3.04 -43.85 N | 79.12 6.58 -3.03 N | 78.57 6.22 -5.64 N | 78.17 4.40 -28.53 N | 75.67 4.42 -25.04 N | 76.53 4.10 -29.09 N | 94.05 4.37 -46.51 N | 69.39 4.61 -18.56 N | 139.98 1.58 -122.78 N | 102.15 6.25 -30.15 N | 110.69 5.20 -54.55 N | 79.49 4.72 -25.69 N | 76.43 6.14 -4.01 N | 76.20 5.56 -8.51 N |
| NORTHPORT__2 23552 | 77.90 5.39 0.00 N | 73.00 3.57 -26.81 N | 65.20 5.29 -0.64 N | 70.47 5.97 -0.03 N | 76.87 6.20 -1.00 N | 73.97 5.89 -6.21 N | 62.28 4.60 -10.21 N | 67.67 4.09 -24.71 N | 75.85 5.28 -22.06 N | 81.25 4.12 -38.23 N | 79.12 3.04 -43.85 N | 79.12 6.58 -3.03 N | 78.57 6.22 -5.64 N | 78.17 4.40 -28.53 N | 75.67 4.42 -25.04 N | 76.53 4.10 -29.09 N | 94.05 4.37 -46.51 N | 69.39 4.61 -18.56 N | 139.98 1.58 -122.78 N | 102.15 6.25 -30.15 N | 110.69 5.20 -54.55 N | 79.49 4.72 -25.69 N | 76.43 6.14 -4.01 N | 76.20 5.56 -8.51 N |
| NORTHPORT__3 23553 | 78.20 5.70 0.00 N | 73.19 3.75 -26.81 N | 65.44 5.53 -0.64 N | 70.66 6.16 -0.03 N | 77.02 6.35 -1.00 N | 74.11 6.03 -6.21 N | 62.45 4.77 -10.21 N | 67.80 4.21 -24.71 N | 76.02 5.45 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.38 6.84 -3.03 N | 78.82 6.47 -5.64 N | 78.31 4.54 -28.53 N | 75.82 4.57 -25.04 N | 76.68 4.25 -29.09 N | 94.05 4.38 -46.51 N | 69.59 4.81 -18.56 N | 140.05 1.65 -122.78 N | 102.47 6.57 -30.15 N | 110.90 5.41 -54.55 N | 79.68 4.90 -25.69 N | 76.69 6.40 -4.01 N | 76.44 5.80 -8.51 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|
| NORTHPORT____4 23650 | 78.20 5.70 0.00 N | 73.19 3.75 -26.81 N | 65.44 5.53 -0.64 N | 70.66 6.16 -0.03 N | 77.02 6.35 -1.00 N | 74.11 6.03 -6.21 N | 62.45 4.77 -10.21 N | 67.80 4.21 -24.71 N | 76.02 5.45 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.38 6.84 -3.03 N | 78.82 6.47 -5.64 N | 78.31 4.54 -28.53 N | 75.82 4.57 -25.04 N | 76.68 4.25 -29.09 N | 94.05 4.38 -46.51 N | 69.59 4.81 -18.56 N | 140.05 1.65 -122.78 N | 102.47 6.57 -30.15 N | 110.90 5.41 -54.55 N | 79.68 4.90 -25.69 N | 76.69 6.40 -4.01 N | 76.44 5.80 -8.51 N |
| NORTHPORT____IC 23718 | 77.90 5.39 0.00 N | 73.00 3.57 -26.81 N | 65.20 5.29 -0.64 N | 70.47 5.97 -0.03 N | 76.87 6.20 -1.00 N | 73.97 5.89 -6.21 N | 62.28 4.60 -10.21 N | 67.67 4.09 -24.71 N | 75.85 5.28 -22.06 N | 81.25 4.12 -38.23 N | 79.12 3.04 -43.85 N | 79.12 6.58 -3.03 N | 78.57 6.22 -5.64 N | 78.17 4.40 -28.53 N | 75.67 4.42 -25.04 N | 76.53 4.10 -29.09 N | 94.05 4.37 -46.51 N | 69.39 4.61 -18.56 N | 139.98 1.58 -122.78 N | 102.15 6.25 -30.15 N | 110.69 5.20 -54.55 N | 79.49 4.72 -25.69 N | 76.43 6.14 -4.01 N | 76.20 5.56 -8.51 N |
| NPX_GEN_CSC 323557 | 77.76 5.25 0.00 N | 72.89 3.46 -26.81 N | 64.99 5.08 -0.64 N | 70.43 5.93 -0.03 N | 77.07 6.41 -1.00 N | 74.16 6.07 -6.21 N | 62.11 4.43 -10.21 N | 67.57 3.98 -24.71 N | 75.77 5.20 -22.06 N | 81.24 4.11 -38.23 N | 79.14 3.06 -43.85 N | 79.16 6.62 -3.03 N | 78.63 6.29 -5.64 N | 78.21 4.44 -28.53 N | 75.66 4.40 -25.04 N | 76.51 4.08 -29.09 N | 94.15 4.48 -46.51 N | 69.43 4.65 -18.56 N | 140.03 1.63 -122.78 N | 102.33 6.33 -30.15 N | 110.86 5.37 -54.55 N | 79.62 4.84 -25.69 N | 76.45 6.16 -4.01 N | 76.11 5.47 -8.51 N |
| NSINS_S_GLNS_FALLS 23858 | 77.21 4.70 0.00 N | 80.20 3.06 -34.51 N | 63.37 4.10 0.00 N | 68.80 4.33 0.00 N | 74.57 4.91 0.00 N | 66.61 4.73 0.00 N | 51.27 3.80 0.00 N | 41.85 2.97 0.00 N | 52.20 3.69 0.00 N | 86.80 3.24 -44.66 N | 87.94 2.62 -53.08 N | 74.76 5.25 0.00 N | 71.67 4.96 0.00 N | 48.66 3.42 0.00 N | 49.63 3.42 0.00 N | 46.43 3.09 0.00 N | 46.17 3.00 0.00 N | 50.09 3.88 0.00 N | 169.80 1.24 -152.95 N | 70.48 4.72 0.00 N | 60.50 3.98 -5.59 N | 77.83 3.73 -25.01 N | 70.88 4.61 0.00 N | 66.54 4.19 -0.23 N |
| NUCOR_STEEL____DRP 24197 | 69.13 -3.37 0.00 N | 43.63 -2.26 -3.26 N | 56.07 -3.20 0.00 N | 61.15 -3.31 0.00 N | 65.93 -3.73 0.00 N | 58.40 -3.48 0.00 N | 45.04 -2.57 -0.14 N | 37.00 -1.88 0.00 N | 46.64 -1.87 0.00 N | 42.11 -1.00 -4.22 N | 36.45 -0.80 -5.01 N | 67.77 -1.74 0.00 N | 64.55 -2.16 0.00 N | 43.49 -1.75 0.00 N | 44.51 -1.70 0.00 N | 41.89 -1.45 0.00 N | 41.63 -1.53 0.00 N | 44.80 -1.42 0.00 N | 29.62 -0.40 -14.40 N | 64.14 -1.62 0.00 N | 49.93 -1.54 -0.53 N | 49.58 -1.86 -2.36 N | 63.38 -2.90 0.00 N | 59.24 -2.91 -0.02 N |
| NYISO_LBMP_REFERENCE 24008 | 72.50 0.00 0.00 N | 42.63 0.00 0.00 N | 59.27 0.00 0.00 N | 64.47 0.00 0.00 N | 69.66 0.00 0.00 N | 61.88 0.00 0.00 N | 47.47 0.00 0.00 N | 38.88 0.00 0.00 N | 48.51 0.00 0.00 N | 38.90 0.00 0.00 N | 32.24 0.00 0.00 N | 69.51 0.00 0.00 N | 66.71 0.00 0.00 N | 45.24 0.00 0.00 N | 46.21 0.00 0.00 N | 43.34 0.00 0.00 N | 43.16 0.00 0.00 N | 46.21 0.00 0.00 N | 15.62 0.00 0.00 N | 65.76 0.00 0.00 N | 50.94 0.00 0.00 N | 49.09 0.00 0.00 N | 66.28 0.00 0.00 N | 62.12 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 78.79 6.28 0.00 N | 73.47 4.04 -26.81 N | 65.78 5.87 -0.64 N | 71.11 6.61 -0.03 N | 77.58 6.92 -1.00 N | 74.61 6.52 -6.21 N | 62.74 5.06 -10.21 N | 68.08 4.49 -24.71 N | 76.44 5.86 -22.06 N | 81.77 4.64 -38.23 N | 79.58 3.50 -43.85 N | 80.12 7.58 -3.03 N | 79.50 7.15 -5.64 N | 78.78 5.01 -28.53 N | 76.26 5.00 -25.04 N | 76.95 4.52 -29.09 N | 94.67 5.00 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.61 6.70 -30.15 N | 111.06 5.58 -54.55 N | 80.09 5.32 -25.69 N | 77.21 6.92 -4.01 N | 76.94 6.30 -8.51 N |
| NYPA_GOWANUS____GT5 24156 | 78.60 6.10 0.00 N | 73.07 3.64 -26.81 N | 64.11 4.83 0.00 N | 69.53 5.07 0.00 N | 74.93 5.27 0.00 N | 66.79 4.92 0.00 N | 51.47 4.01 0.01 N | 42.32 3.44 0.00 N | 53.03 4.52 0.00 N | 77.39 3.80 -34.70 N | 76.60 3.13 -41.23 N | 76.05 6.54 0.00 N | 72.57 5.86 0.00 N | 49.20 3.96 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.50 3.33 0.00 N | 50.41 4.19 0.00 N | 135.51 1.42 -118.48 N | 72.20 6.44 0.00 N | 60.16 4.89 -4.33 N | 72.99 4.53 -19.37 N | 72.09 5.81 0.00 N | 67.49 5.19 -0.18 N |
| NYPA_GOWANUS____GT6 24157 | 78.60 6.10 0.00 N | 73.07 3.64 -26.81 N | 64.11 4.83 0.00 N | 69.53 5.07 0.00 N | 74.93 5.27 0.00 N | 66.79 4.92 0.00 N | 51.47 4.01 0.01 N | 42.32 3.44 0.00 N | 53.03 4.52 0.00 N | 77.39 3.80 -34.70 N | 76.60 3.13 -41.23 N | 76.05 6.54 0.00 N | 72.57 5.86 0.00 N | 49.20 3.96 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.50 3.33 0.00 N | 50.41 4.19 0.00 N | 135.51 1.42 -118.48 N | 72.20 6.44 0.00 N | 60.16 4.89 -4.33 N | 72.99 4.53 -19.37 N | 72.09 5.81 0.00 N | 67.49 5.19 -0.18 N |
| NYPA_HARLEM__RVR__GT1 24160 | 78.51 6.01 0.00 N | 73.07 3.64 -26.81 N | 64.20 4.93 0.00 N | 69.67 5.21 0.00 N | 75.09 5.42 0.00 N | 67.01 5.14 0.00 N | 51.65 4.18 0.01 N | 42.47 3.59 0.00 N | 53.15 4.63 0.00 N | 77.41 3.82 -34.70 N | 76.65 3.18 -41.23 N | 76.19 6.69 0.00 N | 72.75 6.04 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.07 3.73 0.00 N | 46.26 3.10 0.00 N | 50.43 4.22 0.00 N | 135.50 1.41 -118.48 N | 72.18 6.42 0.00 N | 60.18 4.92 -4.33 N | 73.00 4.54 -19.37 N | 72.21 5.93 0.00 N | 67.64 5.34 -0.18 N |
| NYPA_HARLEM__RVR__GT2 24161 | 78.51 6.01 0.00 N | 73.07 3.64 -26.81 N | 64.20 4.93 0.00 N | 69.67 5.21 0.00 N | 75.09 5.42 0.00 N | 67.01 5.14 0.00 N | 51.65 4.18 0.01 N | 42.47 3.59 0.00 N | 53.15 4.63 0.00 N | 77.41 3.82 -34.70 N | 76.65 3.18 -41.23 N | 76.19 6.69 0.00 N | 72.75 6.04 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.07 3.73 0.00 N | 46.26 3.10 0.00 N | 50.43 4.22 0.00 N | 135.50 1.41 -118.48 N | 72.18 6.42 0.00 N | 60.18 4.92 -4.33 N | 73.00 4.54 -19.37 N | 72.21 5.93 0.00 N | 67.64 5.34 -0.18 N |
| NYPA_KENT____GT 24152 | 78.58 6.07 0.00 N | 73.04 3.61 -26.81 N | 64.11 4.84 0.00 N | 69.57 5.10 0.00 N | 74.97 5.31 0.00 N | 66.84 4.96 0.00 N | 51.49 4.03 0.01 N | 42.34 3.46 0.00 N | 53.05 4.53 0.00 N | 77.41 3.82 -34.70 N | 76.58 3.12 -41.23 N | 78.28 6.57 -2.21 N | 81.50 5.87 -8.92 N | 49.18 3.95 0.00 N | 50.16 3.95 0.00 N | 47.00 3.66 0.00 N | 46.52 3.35 0.00 N | 50.37 4.16 0.00 N | 135.50 1.41 -118.48 N | 72.09 6.33 0.00 N | 60.09 4.82 -4.33 N | 72.94 4.48 -19.37 N | 72.06 5.79 0.00 N | 67.46 5.16 -0.18 N |
| NYPA_POUCH1____GT 24155 | 78.49 5.99 0.00 N | 73.01 3.58 -26.81 N | 64.02 4.75 0.00 N | 69.45 4.99 0.00 N | 74.84 5.18 0.00 N | 66.71 4.83 0.00 N | 51.39 3.92 0.01 N | 42.26 3.39 0.00 N | 52.95 4.43 0.00 N | 77.31 3.72 -34.70 N | 76.55 3.08 -41.23 N | 75.89 6.39 0.00 N | 72.45 5.74 0.00 N | 49.12 3.88 0.00 N | 50.09 3.88 0.00 N | 46.91 3.57 0.00 N | 46.38 3.21 0.00 N | 50.32 4.11 0.00 N | 135.46 1.37 -118.48 N | 72.10 6.35 0.00 N | 60.09 4.82 -4.33 N | 72.91 4.45 -19.37 N | 71.97 5.69 0.00 N | 67.38 5.08 -0.18 N |
| NYPA_VERNON____GT2 24162 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| NYPA_VERNON____GT3 24163 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N | |
| NYPA____ASTORIA_CC1 323568 | 78.46 5.96 0.00 N | 72.99 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.52 5.05 0.00 N | 74.91 5.25 0.00 N | 66.86 4.98 0.00 N | 51.50 4.04 0.01 N | 42.33 3.45 0.00 N | 53.03 4.51 0.00 N | 77.35 3.76 -34.70 N | 76.53 3.06 -41.23 N | 75.97 6.46 0.00 N | 72.46 5.75 0.00 N | 49.11 3.87 0.00 N | 50.09 3.88 0.00 N | 46.95 3.61 0.00 N | 46.42 3.26 0.00 N | 50.26 4.05 0.00 N | 135.46 1.37 -118.48 N | 71.87 6.11 0.00 N | 59.94 4.67 -4.33 N | 72.80 4.34 -19.37 N | 71.90 5.62 0.00 N | 67.33 5.03 -0.18 N | |
| NYPA____ASTORIA_CC2 323569 | 78.46 5.96 0.00 N | 72.99 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.52 5.05 0.00 N | 74.91 5.25 0.00 N | 66.86 4.98 0.00 N | 51.50 4.04 0.01 N | 42.33 3.45 0.00 N | 53.03 4.51 0.00 N | 77.35 3.76 -34.70 N | 76.53 3.06 -41.23 N | 75.97 6.46 0.00 N | 72.46 5.75 0.00 N | 49.11 3.87 0.00 N | 50.09 3.88 0.00 N | 46.95 3.61 0.00 N | 46.42 3.26 0.00 N | 50.26 4.05 0.00 N | 135.46 1.37 -118.48 N | 71.87 6.11 0.00 N | 59.94 4.67 -4.33 N | 72.80 4.34 -19.37 N | 71.90 5.62 0.00 N | 67.33 5.03 -0.18 N | |
| NYPA____HOLTSVILL 23794 | 78.05 5.54 0.00 N | 73.06 3.63 -26.81 N | 65.22 5.31 -0.64 N | 70.56 6.06 -0.03 N | 77.09 6.43 -1.00 N | 74.16 6.08 -6.21 N | 62.29 4.61 -10.21 N | 67.72 4.13 -24.71 N | 75.96 5.39 -22.06 N | 81.37 4.25 -38.23 N | 79.25 3.17 -43.85 N | 79.38 6.84 -3.03 N | 78.83 6.49 -5.64 N | 78.34 4.57 -28.53 N | 75.82 4.56 -25.04 N | 76.65 4.22 -29.09 N | 94.25 4.57 -46.51 N | 69.54 4.76 -18.56 N | 140.06 1.66 -122.78 N | 102.49 6.58 -30.15 N | 110.97 5.48 -54.55 N | 79.73 4.95 -25.69 N | 76.65 6.36 -4.01 N | 76.33 5.70 -8.51 N | |
| NYPA____HELLGATE_GT1 24158 | 78.51 6.01 0.00 N | 73.07 3.64 -26.81 N | 64.20 4.93 0.00 N | 69.67 5.21 0.00 N | 75.09 5.43 0.00 N | 67.01 5.14 0.00 N | 51.65 4.18 0.01 N | 42.47 3.59 0.00 N | 53.15 4.63 0.00 N | 77.41 3.82 -34.70 N | 76.65 3.18 -41.23 N | 76.19 6.69 0.00 N | 72.75 6.04 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.07 3.73 0.00 N | 46.26 3.10 0.00 N | 50.43 4.22 0.00 N | 135.50 1.41 -118.48 N | 72.18 6.42 0.00 N | 60.18 4.92 -4.33 N | 73.00 4.54 -19.37 N | 72.21 5.93 0.00 N | 67.64 5.34 -0.18 N | |
| NYPA____HELLGATE_GT2 24159 | 78.51 6.01 0.00 N | 73.07 3.64 -26.81 N | 64.20 4.93 0.00 N | 69.67 5.21 0.00 N | 75.09 5.43 0.00 N | 67.01 5.14 0.00 N | 51.65 4.18 0.01 N | 42.47 3.59 0.00 N | 53.15 4.63 0.00 N | 77.41 3.82 -34.70 N | 76.65 3.18 -41.23 N | 76.19 6.69 0.00 N | 72.75 6.04 0.00 N | 49.30 4.06 0.00 N | 50.27 4.06 0.00 N | 47.07 3.73 0.00 N | 46.26 3.10 0.00 N | 50.43 4.22 0.00 N | 135.50 1.41 -118.48 N | 72.18 6.42 0.00 N | 60.18 4.92 -4.33 N | 73.00 4.54 -19.37 N | 72.21 5.93 0.00 N | 67.64 5.34 -0.18 N | |
| NYS_BARGE____HYD 23848 | 64.63 -7.88 0.00 N | 41.08 -5.45 -3.90 N | 51.98 -7.29 0.00 N | 57.30 -7.17 0.00 N | 61.62 -8.05 0.00 N | 53.65 -8.22 0.00 N | 40.38 -6.54 0.55 N | 33.78 -5.10 0.00 N | 42.65 -5.87 0.00 N | 39.72 -4.23 -5.05 N | 34.96 -3.27 -6.00 N | 62.44 -7.06 0.00 N | 59.18 -7.53 0.00 N | 40.21 -5.03 0.00 N | 40.95 -5.26 0.00 N | 38.74 -4.59 0.00 N | 39.02 -4.14 0.00 N | 41.64 -4.57 0.00 N | 31.27 -1.37 -17.02 N | 59.74 -6.02 0.00 N | 46.48 -5.08 -0.62 N | 46.44 -5.44 -2.78 N | 58.99 -7.29 0.00 N | 55.77 -6.37 -0.03 N | |
| O.H_GEN_BRUCE 24063 | 64.08 -8.43 0.00 N | 40.70 -5.73 -3.80 N | 51.55 -7.72 0.00 N | 56.83 -7.63 0.00 N | 61.16 -8.50 0.00 N | 53.25 -8.63 0.00 N | 39.95 -6.96 0.56 N | 33.37 -5.50 0.00 N | 42.07 -6.45 0.00 N | 39.07 -4.75 -4.92 N | 34.43 -3.65 -5.85 N | 61.58 -7.93 0.00 N | 58.44 -8.27 0.00 N | 39.73 -5.51 0.00 N | 40.47 -5.74 0.00 N | 38.30 -5.04 0.00 N | 38.57 -4.60 0.00 N | 41.14 -5.07 0.00 N | 30.64 -1.56 -16.58 N | 58.91 -6.85 0.00 N | 45.82 -5.72 -0.60 N | 45.80 -6.00 -2.71 N | 58.27 -8.00 0.00 N | 55.17 -6.98 -0.03 N | |
| OAK ORCHARD____HYD 24046 | 67.81 -4.70 0.00 N | 42.59 -3.25 -3.21 N | 54.89 -4.38 0.00 N | 60.08 -4.39 0.00 N | 64.75 -4.91 0.00 N | 57.00 -4.88 0.00 N | 43.09 -3.77 0.61 N | 35.99 -2.89 0.00 N | 45.30 -3.21 0.00 N | 40.83 -2.22 -4.15 N | 35.49 -1.68 -4.94 N | 65.77 -3.74 0.00 N | 62.60 -4.11 0.00 N | 42.55 -2.69 0.00 N | 43.41 -2.79 0.00 N | 40.93 -2.41 0.00 N | 41.08 -2.08 0.00 N | 44.01 -2.21 0.00 N | 28.96 -0.62 -13.96 N | 63.00 -2.76 0.00 N | 48.97 -2.48 -0.52 N | 48.56 -2.85 -2.32 N | 62.19 -4.08 0.00 N | 58.41 -3.74 -0.02 N | |
| OCC_CHEM____DRP 24175 | 64.55 -7.95 0.00 N | 41.09 -5.48 -3.95 N | 51.90 -7.37 0.00 N | 57.22 -7.25 0.00 N | 61.59 -8.08 0.00 N | 53.57 -8.31 0.00 N | 40.21 -6.71 0.55 N | 33.59 -5.29 0.00 N | 42.36 -6.15 0.00 N | 39.54 -4.47 -5.11 N | 34.89 -3.41 -6.07 N | 62.11 -7.40 0.00 N | 58.92 -7.79 0.00 N | 40.07 -5.16 0.00 N | 40.81 -5.40 0.00 N | 38.62 -4.72 0.00 N | 38.90 -4.26 0.00 N | 41.51 -4.70 0.00 N | 31.43 -1.42 -17.24 N | 59.47 -6.28 0.00 N | 46.27 -5.30 -0.64 N | 46.32 -5.62 -2.85 N | 58.78 -7.50 0.00 N | 55.67 -6.48 -0.03 N | |
| OLIN_CORP_DRP 24177 | 64.45 -8.06 0.00 N | 41.14 -5.54 -4.05 N | 51.81 -7.46 0.00 N | 57.13 -7.34 0.00 N | 61.46 -8.20 0.00 N | 53.48 -8.40 0.00 N | 40.17 -6.76 0.54 N | 33.57 -5.31 0.00 N | 42.35 -6.16 0.00 N | 39.65 -4.49 -5.24 N | 35.00 -3.46 -6.23 N | 62.03 -7.48 0.00 N | 58.81 -7.90 0.00 N | 39.98 -5.25 0.00 N | 40.72 -5.49 0.00 N | 38.53 -4.81 0.00 N | 38.82 -4.35 0.00 N | 41.41 -4.81 0.00 N | 31.84 -1.45 -17.67 N | 59.35 -6.41 0.00 N | 46.19 -5.39 -0.64 N | 46.27 -5.71 -2.89 N | 58.66 -7.62 0.00 N | 55.53 -6.62 -0.03 N | |
| ONONDAGA_REF_OCCRA 23987 | 71.16 -1.35 0.00 N | 44.15 -0.95 -2.47 N | 57.97 -1.31 0.00 N | 63.11 -1.35 0.00 N | 68.11 -1.56 0.00 N | 60.43 -1.45 0.00 N | 46.45 -1.04 -0.02 N | 38.17 -0.71 0.00 N | 47.88 -0.63 0.00 N | 41.79 -0.31 -3.20 N | 35.80 -0.24 -3.80 N | 68.92 -0.59 0.00 N | 65.88 -0.83 0.00 N | 44.63 -0.61 0.00 N | 45.57 -0.63 0.00 N | 42.77 -0.57 0.00 N | 42.63 -0.53 0.00 N | 45.77 -0.44 0.00 N | 26.23 -0.07 -10.69 N | 65.39 -0.37 0.00 N | 50.90 -0.43 -0.39 N | 50.20 -0.63 -1.75 N | 65.18 -1.10 0.00 N | 60.99 -1.16 -0.02 N | |
| ONONDAGA____COGEN 23986 | 71.10 -1.41 0.00 N | 44.24 -0.96 -2.57 N | 57.93 -1.34 0.00 N | 63.08 -1.39 0.00 N | 68.06 -1.61 0.00 N | 60.38 -1.49 0.00 N | 46.44 -1.06 -0.02 N | 38.15 -0.73 0.00 N | 47.85 -0.66 0.00 N | 41.88 -0.34 -3.32 N | 35.92 -0.26 -3.95 N | 68.85 -0.65 0.00 N | 65.83 -0.88 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.65 0.00 N | 42.77 -0.57 0.00 N | 42.66 -0.50 0.00 N | 45.80 -0.41 0.00 N | 26.67 -0.07 -11.13 N | 65.45 -0.30 0.00 N | 50.97 -0.38 -0.41 N | 50.34 -0.60 -1.86 N | 65.20 -1.08 0.00 N | 61.05 -1.09 -0.02 N | |
| ONTARIO____LFGE | 67.69 | 43.11 | 54.93 | 59.95 | 64.58 | 57.07 | 43.93 | 36.30 | 45.72 | 41.72 | 36.32 | 66.00 | 62.74 | 42.58 | 43.46 | 40.89 | 40.88 | 43.91 | 30.89 | 63.48 | 49.46 | 49.38 | 62.66 | 58.59 | |

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| 23819 | -4.82 0.00 N | -3.17 -3.65 N | -4.34 0.00 N | -4.52 0.00 N | -5.09 0.00 N | -4.81 0.00 N | -3.54 -0.01 N | -2.57 0.00 N | -2.79 0.00 N | -1.90 -4.73 N | -1.53 -5.62 N | -3.51 0.00 N | -3.97 0.00 N | -2.66 0.00 N | -2.74 0.00 N | -2.45 0.00 N | -2.28 0.00 N | -2.31 0.00 N | -0.66 -15.93 N | -2.28 0.00 N | -2.08 -0.60 N | -2.42 -2.71 N | -3.62 0.00 N | -3.56 -0.03 N |
| OSWEGATCHIE___HYD 24044 | 71.41 -1.10 0.00 N | 41.86 -0.78 0.00 N | 58.20 -1.07 0.00 N | 63.29 -1.18 0.00 N | 68.40 -1.26 0.00 N | 60.73 -1.14 0.00 N | 46.26 -1.21 0.00 N | 37.82 -1.06 0.00 N | 47.34 -1.18 0.00 N | 37.87 -1.03 0.00 N | 31.37 -0.86 0.00 N | 67.65 -1.85 0.00 N | 65.69 -1.02 0.00 N | 44.62 -0.62 0.00 N | 45.56 -0.64 0.00 N | 42.69 -0.65 0.00 N | 42.40 -0.76 0.00 N | 45.09 -1.12 0.00 N | 15.31 -0.31 0.00 N | 64.80 -0.96 0.00 N | 50.08 -0.86 0.00 N | 48.35 -0.73 0.00 N | 65.15 -1.13 0.00 N | 60.87 -1.25 0.00 N |
| OSWEGO___5 23606 | 70.30 -2.20 0.00 N | 43.15 -1.40 -1.93 N | 57.35 -1.92 0.00 N | 62.44 -2.03 0.00 N | 67.41 -2.26 0.00 N | 59.79 -2.09 0.00 N | 45.91 -1.56 0.00 N | 37.69 -1.19 0.00 N | 47.18 -1.33 0.00 N | 40.45 -0.95 -2.49 N | 34.43 -0.76 -2.96 N | 67.79 -1.72 0.00 N | 64.87 -1.84 0.00 N | 44.00 -1.24 0.00 N | 44.92 -1.28 0.00 N | 42.17 -1.17 0.00 N | 42.03 -1.13 0.00 N | 45.09 -1.13 0.00 N | 23.57 -0.34 -8.29 N | 64.31 -1.45 0.00 N | 50.04 -1.20 -0.30 N | 49.13 -1.31 -1.36 N | 64.37 -1.91 0.00 N | 60.30 -1.84 -0.01 N |
| OSWEGO___6 23613 | 70.30 -2.20 0.00 N | 43.15 -1.40 -1.93 N | 57.35 -1.92 0.00 N | 62.44 -2.03 0.00 N | 67.41 -2.26 0.00 N | 59.79 -2.09 0.00 N | 45.91 -1.56 0.00 N | 37.69 -1.19 0.00 N | 47.18 -1.33 0.00 N | 40.45 -0.95 -2.49 N | 34.43 -0.76 -2.96 N | 67.79 -1.72 0.00 N | 64.87 -1.84 0.00 N | 44.00 -1.24 0.00 N | 44.92 -1.28 0.00 N | 42.17 -1.17 0.00 N | 42.03 -1.13 0.00 N | 45.09 -1.13 0.00 N | 23.57 -0.34 -8.29 N | 64.31 -1.45 0.00 N | 50.04 -1.20 -0.30 N | 49.13 -1.31 -1.36 N | 64.37 -1.91 0.00 N | 60.30 -1.84 -0.01 N |
| OUTOKUMPU-AB___DRP 24206 | 64.90 -7.61 0.00 N | 41.46 -5.27 -4.10 N | 52.25 -7.02 0.00 N | 57.56 -6.91 0.00 N | 61.93 -7.73 0.00 N | 53.99 -7.89 0.00 N | 40.81 -6.12 0.54 N | 34.21 -4.67 0.00 N | 43.31 -5.20 0.00 N | 40.50 -3.68 -5.29 N | 35.65 -2.85 -6.27 N | 63.38 -6.13 0.00 N | 60.01 -6.70 0.00 N | 40.74 -4.50 0.00 N | 41.48 -4.73 0.00 N | 39.23 -4.11 0.00 N | 39.48 -3.68 0.00 N | 42.17 -4.05 0.00 N | 32.34 -1.17 -17.89 N | 60.53 -5.23 0.00 N | 47.07 -4.52 -0.65 N | 47.09 -4.92 -2.93 N | 59.70 -6.58 0.00 N | 56.39 -5.76 -0.03 N |
| OXBOW___ 24026 | 64.84 -7.67 0.00 N | 41.32 -5.31 -4.00 N | 52.15 -7.11 0.00 N | 57.49 -6.98 0.00 N | 61.86 -7.81 0.00 N | 53.86 -8.02 0.00 N | 40.59 -6.34 0.54 N | 33.97 -4.91 0.00 N | 42.93 -5.58 0.00 N | 40.07 -4.00 -5.18 N | 35.32 -3.07 -6.15 N | 62.88 -6.62 0.00 N | 59.61 -7.10 0.00 N | 40.50 -4.74 0.00 N | 41.23 -4.98 0.00 N | 39.01 -4.33 0.00 N | 39.29 -3.88 0.00 N | 41.94 -4.28 0.00 N | 32.02 -1.27 -17.67 N | 60.14 -5.62 0.00 N | 46.77 -4.81 -0.64 N | 46.81 -5.17 -2.89 N | 59.36 -6.92 0.00 N | 56.15 -6.01 -0.03 N |
| PEEKSKILL___ 23653 | 77.80 5.29 0.00 N | 72.38 3.14 -26.61 N | 63.51 4.24 0.00 N | 69.02 4.56 0.00 N | 74.43 4.77 0.00 N | 66.31 4.43 0.00 N | 51.05 3.59 0.01 N | 42.00 3.12 0.00 N | 52.61 4.10 0.00 N | 76.85 3.52 -34.44 N | 75.99 2.83 -40.93 N | 75.45 5.94 0.00 N | 72.04 5.33 0.00 N | 48.82 3.58 0.00 N | 49.76 3.56 0.00 N | 46.60 3.26 0.00 N | 46.34 3.18 0.00 N | 49.98 3.76 0.00 N | 134.53 1.32 -117.60 N | 71.44 5.68 0.00 N | 59.64 4.41 -4.29 N | 72.41 4.09 -19.23 N | 71.53 5.26 0.00 N | 66.99 4.69 -0.18 N |
| PGE MADISON___WINDPWR 24146 | 72.42 -0.08 0.00 N | 50.18 -0.45 -8.00 N | 58.60 -0.68 0.00 N | 63.96 -0.51 0.00 N | 68.91 -0.76 0.00 N | 61.10 -0.78 0.00 N | 47.02 -0.44 0.01 N | 38.94 0.07 0.00 N | 49.25 0.74 0.00 N | 50.34 1.09 -10.35 N | 45.35 0.82 -12.30 N | 71.38 1.87 0.00 N | 67.85 1.14 0.00 N | 45.67 0.43 0.00 N | 46.71 0.51 0.00 N | 43.93 0.59 0.00 N | 43.71 0.54 0.00 N | 47.10 0.89 0.00 N | 50.54 0.45 -34.47 N | 67.63 1.87 0.00 N | 53.23 1.03 -1.26 N | 55.26 0.54 -5.64 N | 66.43 0.15 0.00 N | 61.91 -0.27 -0.05 N |
| PIERCEFIELD___HYD 23852 | 71.12 -1.39 0.00 N | 41.78 -0.85 0.00 N | 58.12 -1.16 0.00 N | 63.21 -1.26 0.00 N | 68.41 -1.25 0.00 N | 60.79 -1.08 0.00 N | 45.92 -1.54 0.00 N | 37.39 -1.49 0.00 N | 46.49 -2.02 0.00 N | 36.77 -2.13 0.00 N | 30.52 -1.72 0.00 N | 66.11 -3.40 0.00 N | 64.72 -1.99 0.00 N | 44.10 -1.14 0.00 N | 45.16 -1.05 0.00 N | 42.29 -1.05 0.00 N | 41.85 -1.31 0.00 N | 44.07 -2.14 0.00 N | 14.87 -0.74 0.00 N | 63.37 -2.39 0.00 N | 49.14 -1.80 0.00 N | 47.86 -1.23 0.00 N | 64.77 -1.51 0.00 N | 60.75 -1.37 0.00 N |
| PINELAWN_CC_1 323563 | 79.23 6.73 0.00 N | 73.65 4.22 -26.81 N | 65.94 6.03 -0.64 N | 71.19 6.69 -0.03 N | 77.65 6.99 -1.00 N | 74.65 6.57 -6.21 N | 62.83 5.15 -10.21 N | 68.14 4.55 -24.71 N | 76.53 5.96 -22.06 N | 81.91 4.78 -38.23 N | 79.76 3.68 -43.85 N | 80.47 7.92 -3.03 N | 79.77 7.42 -5.64 N | 78.90 5.13 -28.53 N | 76.40 5.15 -25.04 N | 77.20 4.77 -29.09 N | 94.74 5.07 -46.51 N | 70.11 5.33 -18.56 N | 140.27 1.88 -122.78 N | 103.54 7.64 -30.15 N | 111.64 6.15 -54.55 N | 80.40 5.62 -25.69 N | 77.58 7.29 -4.01 N | 77.18 6.54 -8.51 N |
| PJM_GEN_KEystone 24065 | 65.93 -6.58 0.00 N | 44.12 -4.83 -6.32 N | 53.01 -6.27 0.00 N | 58.48 -5.99 0.00 N | 62.74 -6.92 0.00 N | 55.12 -6.76 0.00 N | 42.34 -4.87 0.27 N | 35.91 -2.97 0.00 N | 46.04 -2.48 0.00 N | 45.51 -1.56 -8.18 N | 40.17 -1.78 -9.72 N | 65.94 -3.57 0.00 N | 61.56 -5.15 0.00 N | 41.43 -3.81 0.00 N | 42.38 -3.83 0.00 N | 39.88 -3.46 0.00 N | 39.91 -3.25 0.00 N | 42.72 -3.50 0.00 N | 61.69 -2.59 -9.46 N | 61.96 -3.80 0.00 N | 48.31 -3.63 -1.00 N | 49.40 -4.19 -4.50 N | 60.34 -5.93 0.00 N | 56.10 -6.07 -0.04 N |
| PLEASANTVLY___LBMP 24000 | 77.59 5.08 0.00 N | 73.44 3.07 -27.74 N | 63.40 4.12 0.00 N | 68.88 4.42 0.00 N | 74.32 4.66 0.00 N | 66.20 4.32 0.00 N | 50.92 3.46 0.01 N | 41.87 2.99 0.00 N | 52.40 3.89 0.00 N | 78.14 3.34 -35.91 N | 77.59 2.68 -42.68 N | 75.13 5.62 0.00 N | 71.79 5.08 0.00 N | 48.66 3.43 0.00 N | 49.62 3.41 0.00 N | 46.46 3.12 0.00 N | 46.18 3.02 0.00 N | 49.83 3.62 0.00 N | 139.49 1.26 -122.62 N | 71.05 5.30 0.00 N | 59.56 4.15 -4.48 N | 73.01 3.86 -20.05 N | 71.25 4.97 0.00 N | 66.79 4.48 -0.18 N |
| POLETTI___ 23519 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.82 4.95 0.00 N | 51.47 4.01 0.01 N | 42.33 3.45 0.00 N | 53.07 4.55 0.00 N | 77.49 3.90 -34.70 N | 76.56 3.10 -41.23 N | 76.03 6.52 0.00 N | 72.57 5.86 0.00 N | 49.18 3.94 0.00 N | 50.16 3.95 0.00 N | 46.99 3.65 0.00 N | 46.65 3.49 0.00 N | 50.40 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.04 6.28 0.00 N | 60.05 4.78 -4.33 N | 72.91 4.44 -19.37 N | 72.05 5.77 0.00 N | 67.47 5.16 -0.18 N |
| PORT_JEFF_3 23555 | 78.10 5.60 0.00 N | 73.13 3.69 -26.81 N | 65.36 5.45 -0.64 N | 70.73 6.23 -0.03 N | 77.25 6.58 -1.00 N | 74.33 6.24 -6.21 N | 62.40 4.72 -10.21 N | 67.83 4.24 -24.71 N | 76.10 5.53 -22.06 N | 81.46 4.33 -38.23 N | 79.28 3.20 -43.85 N | 79.48 6.94 -3.03 N | 78.98 6.63 -5.64 N | 78.48 4.71 -28.53 N | 75.95 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.39 4.71 -46.51 N | 69.63 4.84 -18.56 N | 140.08 1.69 -122.78 N | 102.53 6.62 -30.15 N | 111.08 5.59 -54.55 N | 79.82 5.04 -25.69 N | 76.79 6.50 -4.01 N | 76.49 5.86 -8.51 N |

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| PORT_JEFF_4 23616 | 78.10 5.60 0.00 N | 73.13 3.70 -26.81 N | 65.37 5.46 -0.64 N | 70.73 6.23 -0.03 N | 77.25 6.58 -1.00 N | 74.33 6.24 -6.21 N | 62.40 4.73 -10.21 N | 67.83 4.24 -24.71 N | 76.10 5.53 -22.06 N | 81.46 4.33 -38.23 N | 79.28 3.20 -43.85 N | 79.48 6.94 -3.03 N | 78.98 6.63 -5.64 N | 78.48 4.71 -28.53 N | 75.95 4.70 -25.04 N | 76.79 4.36 -29.09 N | 94.40 4.72 -46.51 N | 69.63 4.84 -18.56 N | 140.08 1.69 -122.78 N | 102.53 6.63 -30.15 N | 111.09 5.59 -54.55 N | 79.82 5.04 -25.69 N | 76.79 6.50 -4.01 N | 76.49 5.86 -8.51 N |
| PORT_JEFF_IC 23713 | 78.32 5.82 0.00 N | 73.26 3.82 -26.81 N | 65.52 5.61 -0.64 N | 70.89 6.39 -0.03 N | 77.42 6.75 -1.00 N | 74.47 6.39 -6.21 N | 62.53 4.86 -10.21 N | 67.93 4.35 -24.71 N | 76.25 5.67 -22.06 N | 81.57 4.45 -38.23 N | 79.38 3.30 -43.85 N | 79.69 7.15 -3.03 N | 79.20 6.85 -5.64 N | 78.63 4.86 -28.53 N | 76.10 4.85 -25.04 N | 76.93 4.50 -29.09 N | 94.61 4.94 -46.51 N | 69.67 4.89 -18.56 N | 140.10 1.71 -122.78 N | 102.65 6.75 -30.15 N | 111.25 5.76 -54.55 N | 79.98 5.20 -25.69 N | 77.00 6.71 -4.01 N | 76.67 6.03 -8.51 N |
| PPL PILGRIM_ST_GT1 24216 | 78.79 6.28 0.00 N | 73.47 4.04 -26.81 N | 65.78 5.87 -0.64 N | 71.11 6.61 -0.03 N | 77.58 6.92 -1.00 N | 74.61 6.52 -6.21 N | 62.74 5.06 -10.21 N | 68.08 4.49 -24.71 N | 76.44 5.86 -22.06 N | 81.77 4.64 -38.23 N | 79.58 3.50 -43.85 N | 80.12 7.58 -3.03 N | 79.50 7.15 -5.64 N | 78.78 5.01 -28.53 N | 76.26 5.00 -25.04 N | 76.95 4.52 -29.09 N | 94.67 5.00 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.61 6.70 -30.15 N | 111.06 5.58 -54.55 N | 80.09 5.32 -25.69 N | 77.21 6.92 -4.01 N | 76.94 6.30 -8.51 N |
| PPL PILGRIM_ST_GT2 24217 | 78.79 6.28 0.00 N | 73.47 4.04 -26.81 N | 65.78 5.87 -0.64 N | 71.11 6.61 -0.03 N | 77.58 6.92 -1.00 N | 74.61 6.52 -6.21 N | 62.74 5.06 -10.21 N | 68.08 4.49 -24.71 N | 76.44 5.86 -22.06 N | 81.77 4.64 -38.23 N | 79.58 3.50 -43.85 N | 80.12 7.58 -3.03 N | 79.50 7.15 -5.64 N | 78.78 5.01 -28.53 N | 76.26 5.00 -25.04 N | 76.95 4.52 -29.09 N | 94.67 5.00 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.61 6.70 -30.15 N | 111.06 5.58 -54.55 N | 80.09 5.32 -25.69 N | 77.21 6.92 -4.01 N | 76.94 6.30 -8.51 N |
| PPL_SHRM_GT3 24213 | 77.99 5.48 0.00 N | 73.00 3.57 -26.81 N | 65.17 5.25 -0.64 N | 70.62 6.12 -0.03 N | 77.29 6.62 -1.00 N | 74.34 6.26 -6.21 N | 62.25 4.57 -10.21 N | 67.69 4.10 -24.71 N | 75.95 5.38 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.87 6.52 -5.64 N | 78.39 4.61 -28.53 N | 75.83 4.58 -25.04 N | 76.68 4.24 -29.09 N | 94.29 4.61 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.63 6.72 -30.15 N | 111.09 5.59 -54.55 N | 79.81 5.04 -25.69 N | 76.69 6.40 -4.01 N | 76.31 5.67 -8.51 N |
| PPL_SHRM_GT4 24214 | 77.99 5.48 0.00 N | 73.00 3.57 -26.81 N | 65.17 5.25 -0.64 N | 70.62 6.12 -0.03 N | 77.29 6.62 -1.00 N | 74.34 6.26 -6.21 N | 62.25 4.57 -10.21 N | 67.69 4.10 -24.71 N | 75.95 5.38 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.87 6.52 -5.64 N | 78.39 4.61 -28.53 N | 75.83 4.58 -25.04 N | 76.68 4.24 -29.09 N | 94.29 4.61 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.63 6.72 -30.15 N | 111.09 5.59 -54.55 N | 79.81 5.04 -25.69 N | 76.69 6.40 -4.01 N | 76.31 5.67 -8.51 N |
| PROJECT___ORANGE 1 24174 | 70.88 -1.63 0.00 N | 43.64 -1.11 -2.12 N | 57.75 -1.52 0.00 N | 62.90 -1.57 0.00 N | 67.88 -1.78 0.00 N | 60.18 -1.70 0.00 N | 46.25 -1.23 -0.01 N | 38.02 -0.86 0.00 N | 47.68 -0.83 0.00 N | 41.16 -0.48 -2.75 N | 35.11 -0.39 -3.27 N | 68.60 -0.91 0.00 N | 65.55 -1.16 0.00 N | 44.43 -0.81 0.00 N | 45.36 -0.85 0.00 N | 42.56 -0.78 0.00 N | 42.39 -0.77 0.00 N | 45.52 -0.69 0.00 N | 24.84 -0.16 -9.38 N | 65.06 -0.69 0.00 N | 50.60 -0.68 -0.34 N | 49.74 -0.88 -1.53 N | 64.86 -1.42 0.00 N | 60.71 -1.43 -0.01 N |
| PROJECT___ORANGE 2 24166 | 70.88 -1.63 0.00 N | 43.64 -1.11 -2.12 N | 57.75 -1.52 0.00 N | 62.90 -1.57 0.00 N | 67.88 -1.78 0.00 N | 60.18 -1.70 0.00 N | 46.25 -1.23 -0.01 N | 38.02 -0.86 0.00 N | 47.68 -0.83 0.00 N | 41.16 -0.48 -2.75 N | 35.11 -0.39 -3.27 N | 68.60 -0.91 0.00 N | 65.55 -1.16 0.00 N | 44.43 -0.81 0.00 N | 45.36 -0.85 0.00 N | 42.56 -0.78 0.00 N | 42.39 -0.77 0.00 N | 45.52 -0.69 0.00 N | 24.84 -0.16 -9.38 N | 65.06 -0.69 0.00 N | 50.60 -0.68 -0.34 N | 49.74 -0.88 -1.53 N | 64.86 -1.42 0.00 N | 60.71 -1.43 -0.01 N |
| PYRITES___HYD 24023 | 72.13 -0.38 0.00 N | 42.34 -0.29 0.00 N | 58.89 -0.38 0.00 N | 64.07 -0.40 0.00 N | 69.34 -0.32 0.00 N | 61.63 -0.25 0.00 N | 46.64 -0.83 0.00 N | 38.00 -0.88 0.00 N | 47.32 -1.20 0.00 N | 37.45 -1.45 0.00 N | 31.08 -1.16 0.00 N | 67.36 -2.15 0.00 N | 65.75 -0.96 0.00 N | 44.78 -0.46 0.00 N | 45.84 -0.37 0.00 N | 42.94 -0.39 0.00 N | 42.56 -0.60 0.00 N | 44.88 -1.33 0.00 N | 15.15 -0.46 0.00 N | 64.47 -1.29 0.00 N | 49.96 -0.98 0.00 N | 48.59 -0.50 0.00 N | 65.71 -0.57 0.00 N | 61.60 -0.52 0.00 N |
| RAMAPO___LBMP 323565 | 77.69 5.18 0.00 N | 71.73 3.08 -26.02 N | 63.42 4.15 0.00 N | 68.94 4.47 0.00 N | 74.31 4.65 0.00 N | 66.19 4.31 0.00 N | 50.96 3.50 0.01 N | 41.94 3.07 0.00 N | 52.55 4.03 0.00 N | 76.05 3.48 -33.67 N | 75.08 2.82 -40.02 N | 75.44 5.93 0.00 N | 72.01 5.31 0.00 N | 48.80 3.56 0.00 N | 49.72 3.51 0.00 N | 46.55 3.22 0.00 N | 46.28 3.12 0.00 N | 49.93 3.71 0.00 N | 131.90 1.30 -114.99 N | 71.39 5.64 0.00 N | 59.51 4.38 -4.20 N | 71.95 4.06 -18.80 N | 71.48 5.21 0.00 N | 66.94 4.64 -0.17 N |
| RANKINE____ 23646 | 65.18 -7.32 0.00 N | 41.87 -5.16 -4.39 N | 52.38 -6.90 0.00 N | 57.76 -6.71 0.00 N | 62.10 -7.56 0.00 N | 54.17 -7.71 0.00 N | 40.89 -6.07 0.51 N | 34.32 -4.55 0.00 N | 43.48 -5.03 0.00 N | 41.02 -3.56 -5.69 N | 36.14 -2.85 -6.76 N | 63.48 -6.03 0.00 N | 60.00 -6.71 0.00 N | 40.69 -4.55 0.00 N | 41.47 -4.74 0.00 N | 39.19 -4.15 0.00 N | 39.42 -3.74 0.00 N | 42.13 -4.09 0.00 N | 33.87 -1.16 -19.42 N | 60.58 -5.18 0.00 N | 47.13 -4.52 -0.71 N | 47.34 -4.93 -3.18 N | 59.60 -6.68 0.00 N | 56.16 -5.99 -0.03 N |
| RAVENSWOOD_GT2_1 24244 | 78.50 5.99 0.00 N | 72.98 3.54 -26.81 N | 64.05 4.78 0.00 N | 69.58 5.11 0.00 N | 74.99 5.33 0.00 N | 66.82 4.95 0.00 N | 51.48 4.01 0.01 N | 42.33 3.45 0.00 N | 53.06 4.54 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.10 -41.23 N | 76.06 6.55 0.00 N | 72.58 5.87 0.00 N | 49.19 3.95 0.00 N | 50.16 3.95 0.00 N | 47.00 3.66 0.00 N | 46.65 3.48 0.00 N | 50.39 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.05 6.29 0.00 N | 60.07 4.81 -4.33 N | 72.91 4.45 -19.37 N | 72.05 5.77 0.00 N | 67.47 5.17 -0.18 N |
| RAVENSWOOD_GT2_2 24245 | 78.50 5.99 0.00 N | 72.98 3.54 -26.81 N | 64.05 4.78 0.00 N | 69.58 5.11 0.00 N | 74.99 5.33 0.00 N | 66.82 4.95 0.00 N | 51.48 4.01 0.01 N | 42.33 3.45 0.00 N | 53.06 4.54 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.10 -41.23 N | 76.06 6.55 0.00 N | 72.58 5.87 0.00 N | 49.19 3.95 0.00 N | 50.16 3.95 0.00 N | 47.00 3.66 0.00 N | 46.65 3.48 0.00 N | 50.39 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.05 6.29 0.00 N | 60.07 4.81 -4.33 N | 72.91 4.45 -19.37 N | 72.05 5.77 0.00 N | 67.47 5.17 -0.18 N |
| RAVENSWOOD_GT2_3 24246 | 78.57 6.06 0.00 N | 73.01 3.58 -26.81 N | 64.10 4.83 0.00 N | 69.63 5.16 0.00 N | 75.04 5.38 0.00 N | 66.89 5.01 0.00 N | 51.52 4.06 0.01 N | 42.36 3.49 0.00 N | 53.10 4.59 0.00 N | 77.51 3.92 -34.70 N | 76.61 3.14 -41.23 N | 76.13 6.62 0.00 N | 72.64 5.93 0.00 N | 49.23 3.99 0.00 N | 50.20 4.00 0.00 N | 47.03 3.69 0.00 N | 46.69 3.53 0.00 N | 50.44 4.23 0.00 N | 135.57 1.48 -118.48 N | 72.12 6.36 0.00 N | 60.12 4.86 -4.33 N | 72.96 4.50 -19.37 N | 72.12 5.84 0.00 N | 67.53 5.23 -0.18 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 | 78.57 6.06 0.00 N | 73.01 3.58 -26.81 N | 64.10 4.83 0.00 N | 69.63 5.16 0.00 N | 75.04 5.38 0.00 N | 66.89 5.01 0.00 N | 51.52 4.06 0.01 N | 42.36 3.49 0.00 N | 53.10 4.59 0.00 N | 77.51 3.92 -34.70 N | 76.61 3.14 -41.23 N | 76.13 6.62 0.00 N | 72.64 5.93 0.00 N | 49.23 3.99 0.00 N | 50.20 4.00 0.00 N | 47.03 3.69 0.00 N | 46.69 3.53 0.00 N | 50.44 4.23 0.00 N | 135.57 1.48 -118.48 N | 72.12 6.36 0.00 N | 60.12 4.86 -4.33 N | 72.96 4.50 -19.37 N | 72.12 5.84 0.00 N | 67.53 5.23 -0.18 N | |
| RAVENSWOOD_GT3_1 24248 | 78.50 5.99 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.83 4.96 0.00 N | 51.48 4.02 0.01 N | 42.33 3.45 0.00 N | 53.06 4.54 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.06 6.55 0.00 N | 72.58 5.87 0.00 N | 49.19 3.95 0.00 N | 50.16 3.95 0.00 N | 47.00 3.66 0.00 N | 46.68 3.51 0.00 N | 50.39 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.05 6.29 0.00 N | 60.07 4.81 -4.33 N | 72.91 4.45 -19.37 N | 72.05 5.77 0.00 N | 67.47 5.17 -0.18 N | |
| RAVENSWOOD_GT3_2 24249 | 78.50 5.99 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.83 4.96 0.00 N | 51.48 4.02 0.01 N | 42.33 3.45 0.00 N | 53.06 4.54 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.06 6.55 0.00 N | 72.58 5.87 0.00 N | 49.19 3.95 0.00 N | 50.16 3.95 0.00 N | 47.00 3.66 0.00 N | 46.68 3.51 0.00 N | 50.39 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.05 6.29 0.00 N | 60.07 4.81 -4.33 N | 72.91 4.45 -19.37 N | 72.05 5.77 0.00 N | 67.47 5.17 -0.18 N | |
| RAVENSWOOD_GT3_3 24250 | 78.60 6.09 0.00 N | 73.03 3.60 -26.81 N | 64.13 4.86 0.00 N | 69.66 5.19 0.00 N | 75.08 5.42 0.00 N | 66.91 5.04 0.00 N | 51.54 4.07 0.01 N | 42.39 3.51 0.00 N | 53.13 4.62 0.00 N | 77.53 3.94 -34.70 N | 76.62 3.16 -41.23 N | 76.18 6.67 0.00 N | 72.71 6.00 0.00 N | 49.27 4.03 0.00 N | 50.23 4.03 0.00 N | 47.06 3.73 0.00 N | 46.73 3.56 0.00 N | 50.48 4.26 0.00 N | 135.57 1.48 -118.48 N | 72.17 6.41 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.54 -19.37 N | 72.18 5.90 0.00 N | 67.57 5.27 -0.18 N | |
| RAVENSWOOD_GT3_4 24251 | 78.60 6.09 0.00 N | 73.03 3.60 -26.81 N | 64.13 4.86 0.00 N | 69.66 5.19 0.00 N | 75.08 5.42 0.00 N | 66.91 5.04 0.00 N | 51.54 4.07 0.01 N | 42.39 3.51 0.00 N | 53.13 4.62 0.00 N | 77.53 3.94 -34.70 N | 76.62 3.16 -41.23 N | 76.18 6.67 0.00 N | 72.71 6.00 0.00 N | 49.27 4.03 0.00 N | 50.23 4.03 0.00 N | 47.06 3.73 0.00 N | 46.73 3.56 0.00 N | 50.48 4.26 0.00 N | 135.57 1.48 -118.48 N | 72.17 6.41 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.54 -19.37 N | 72.18 5.90 0.00 N | 67.57 5.27 -0.18 N | |
| RAVENSWOOD_GT_1 23729 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N | |
| RAVENSWOOD_GT_10 24258 | 78.50 5.99 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.83 4.96 0.00 N | 51.48 4.02 0.01 N | 42.34 3.46 0.00 N | 53.06 4.55 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.06 6.56 0.00 N | 72.60 5.89 0.00 N | 49.21 3.97 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.66 3.49 0.00 N | 50.40 4.18 0.00 N | 135.56 1.46 -118.48 N | 72.05 6.30 0.00 N | 60.07 4.81 -4.33 N | 72.92 4.46 -19.37 N | 72.05 5.77 0.00 N | 67.48 5.18 -0.18 N | |
| RAVENSWOOD_GT_11 24259 | 78.50 5.99 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.83 4.96 0.00 N | 51.48 4.02 0.01 N | 42.34 3.46 0.00 N | 53.06 4.55 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.06 6.56 0.00 N | 72.60 5.89 0.00 N | 49.21 3.97 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.66 3.49 0.00 N | 50.40 4.18 0.00 N | 135.56 1.46 -118.48 N | 72.05 6.30 0.00 N | 60.07 4.81 -4.33 N | 72.92 4.46 -19.37 N | 72.05 5.77 0.00 N | 67.48 5.18 -0.18 N | |
| RAVENSWOOD_GT_4 24252 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.60 5.13 0.00 N | 75.01 5.35 0.00 N | 66.83 4.96 0.00 N | 51.48 4.01 0.01 N | 42.34 3.46 0.00 N | 53.07 4.55 0.00 N | 77.49 3.90 -34.70 N | 76.58 3.11 -41.23 N | 76.08 6.57 0.00 N | 72.60 5.90 0.00 N | 49.21 3.97 0.00 N | 50.18 3.97 0.00 N | 47.01 3.67 0.00 N | 46.70 3.54 0.00 N | 50.43 4.21 0.00 N | 135.56 1.47 -118.48 N | 72.09 6.33 0.00 N | 60.10 4.84 -4.33 N | 72.95 4.48 -19.37 N | 72.08 5.80 0.00 N | 67.51 5.21 -0.18 N | |
| RAVENSWOOD_GT_5 24254 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.60 5.13 0.00 N | 75.01 5.35 0.00 N | 66.83 4.96 0.00 N | 51.48 4.01 0.01 N | 42.34 3.46 0.00 N | 53.07 4.55 0.00 N | 77.49 3.90 -34.70 N | 76.58 3.11 -41.23 N | 76.08 6.57 0.00 N | 72.60 5.90 0.00 N | 49.21 3.97 0.00 N | 50.18 3.97 0.00 N | 47.01 3.67 0.00 N | 46.70 3.54 0.00 N | 50.43 4.21 0.00 N | 135.56 1.47 -118.48 N | 72.09 6.33 0.00 N | 60.10 4.84 -4.33 N | 72.95 4.48 -19.37 N | 72.08 5.80 0.00 N | 67.51 5.21 -0.18 N | |
| RAVENSWOOD_GT_6 24253 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.60 5.13 0.00 N | 75.01 5.35 0.00 N | 66.83 4.96 0.00 N | 51.48 4.01 0.01 N | 42.34 3.46 0.00 N | 53.07 4.55 0.00 N | 77.49 3.90 -34.70 N | 76.58 3.11 -41.23 N | 76.08 6.57 0.00 N | 72.60 5.90 0.00 N | 49.21 3.97 0.00 N | 50.18 3.97 0.00 N | 47.01 3.67 0.00 N | 46.70 3.54 0.00 N | 50.43 4.21 0.00 N | 135.56 1.47 -118.48 N | 72.09 6.33 0.00 N | 60.10 4.84 -4.33 N | 72.95 4.48 -19.37 N | 72.08 5.80 0.00 N | 67.51 5.21 -0.18 N | |
| RAVENSWOOD_GT_7 24255 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.60 5.13 0.00 N | 75.01 5.35 0.00 N | 66.83 4.96 0.00 N | 51.48 4.01 0.01 N | 42.34 3.46 0.00 N | 53.07 4.55 0.00 N | 77.49 3.90 -34.70 N | 76.58 3.11 -41.23 N | 76.08 6.57 0.00 N | 72.60 5.90 0.00 N | 49.21 3.97 0.00 N | 50.18 3.97 0.00 N | 47.01 3.67 0.00 N | 46.70 3.54 0.00 N | 50.43 4.21 0.00 N | 135.56 1.47 -118.48 N | 72.09 6.33 0.00 N | 60.10 4.84 -4.33 N | 72.95 4.48 -19.37 N | 72.08 5.80 0.00 N | 67.51 5.21 -0.18 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 78.50 5.99 0.00 N | 72.98 3.55 -26.81 N | 64.05 4.78 0.00 N | 69.59 5.12 0.00 N | 74.99 5.33 0.00 N | 66.83 4.96 0.00 N | 51.48 4.02 0.01 N | 42.34 3.46 0.00 N | 53.06 4.55 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.06 6.56 0.00 N | 72.60 5.89 0.00 N | 49.21 3.97 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.66 3.49 0.00 N | 50.40 4.18 0.00 N | 135.56 1.46 -118.48 N | 72.05 6.30 0.00 N | 60.07 4.81 -4.33 N | 72.92 4.46 -19.37 N | 72.05 5.77 0.00 N | 67.48 5.18 -0.18 N | |
| RAVENSWOOD_GT_9 | 78.50 | 72.98 | 64.05 | 69.59 | 74.99 | 66.83 | 51.48 | 42.34 | 53.06 | 77.47 | 76.57 | 76.06 | 72.60 | 49.21 | 50.17 | 47.00 | 46.66 | 50.40 | 135.56 | 72.05 | 60.07 | 72.92 | 72.05 | 67.48 | |

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| 24257 | 5.99 0.00 N | 3.55 -26.81 N | 4.78 0.00 N | 5.12 0.00 N | 5.33 0.00 N | 4.96 0.00 N | 4.02 0.01 N | 3.46 0.00 N | 4.55 0.00 N | 3.88 -34.70 N | 3.11 -41.23 N | 6.56 0.00 N | 5.89 0.00 N | 3.97 0.00 N | 3.96 0.00 N | 3.66 0.00 N | 3.49 0.00 N | 4.18 0.00 N | 1.46 -118.48 N | 6.30 0.00 N | 4.81 -4.33 N | 4.46 -19.37 N | 5.77 0.00 N | 5.18 -0.18 N |
| RAVENSWOOD____1 23533 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N |
| RAVENSWOOD____2 23534 | 78.38 5.88 0.00 N | 72.92 3.49 -26.81 N | 63.98 4.71 0.00 N | 69.43 4.96 0.00 N | 74.83 5.17 0.00 N | 66.75 4.87 0.00 N | 51.43 3.97 0.01 N | 42.27 3.39 0.00 N | 52.95 4.44 0.00 N | 77.31 3.71 -34.70 N | 76.45 2.99 -41.23 N | 78.03 6.31 -2.21 N | 81.21 5.58 -8.92 N | 49.04 3.80 0.00 N | 50.02 3.81 0.00 N | 46.87 3.53 0.00 N | 46.33 3.17 0.00 N | 50.11 3.90 0.00 N | 135.40 1.31 -118.48 N | 71.52 5.77 0.00 N | 59.68 4.42 -4.33 N | 72.62 4.15 -19.37 N | 71.80 5.52 0.00 N | 67.29 4.98 -0.18 N |
| RAVENSWOOD____3 23535 | 78.51 6.01 0.00 N | 72.98 3.55 -26.81 N | 64.06 4.79 0.00 N | 69.59 5.12 0.00 N | 75.00 5.33 0.00 N | 66.84 4.96 0.00 N | 51.48 4.02 0.01 N | 42.34 3.46 0.00 N | 53.07 4.55 0.00 N | 77.47 3.88 -34.70 N | 76.57 3.11 -41.23 N | 76.07 6.56 0.00 N | 72.60 5.89 0.00 N | 49.21 3.97 0.00 N | 50.17 3.96 0.00 N | 47.00 3.66 0.00 N | 46.66 3.49 0.00 N | 50.40 4.18 0.00 N | 135.55 1.46 -118.48 N | 72.05 6.30 0.00 N | 60.07 4.81 -4.33 N | 72.92 4.46 -19.37 N | 72.05 5.77 0.00 N | 67.48 5.18 -0.18 N |
| RAVENSWOOD____4 23820 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N |
| RCPL_TRUST____DRP 24196 | 78.63 6.13 0.00 N | 73.05 3.61 -26.81 N | 64.15 4.88 0.00 N | 69.70 5.23 0.00 N | 75.12 5.46 0.00 N | 66.93 5.06 0.00 N | 51.56 4.10 0.01 N | 42.41 3.53 0.00 N | 53.16 4.64 0.00 N | 77.57 3.98 -34.70 N | 76.64 3.17 -41.23 N | 76.22 6.71 0.00 N | 72.73 6.02 0.00 N | 49.29 4.06 0.00 N | 50.25 4.05 0.00 N | 47.08 3.74 0.00 N | 46.75 3.59 0.00 N | 50.51 4.29 0.00 N | 135.59 1.50 -118.48 N | 72.19 6.43 0.00 N | 60.17 4.91 -4.33 N | 73.01 4.55 -19.37 N | 72.18 5.90 0.00 N | 67.58 5.28 -0.18 N |
| RENSSELAER____COGEN 23796 | 76.41 3.91 0.00 N | 78.86 2.42 -33.82 N | 62.53 3.25 0.00 N | 67.91 3.45 0.00 N | 73.38 3.72 0.00 N | 65.33 3.46 0.00 N | 50.12 2.65 0.00 N | 41.11 2.23 0.00 N | 51.32 2.80 0.00 N | 85.13 2.47 -43.77 N | 86.24 1.99 -52.02 N | 73.55 4.04 0.00 N | 70.36 3.65 0.00 N | 47.70 2.46 0.00 N | 48.65 2.44 0.00 N | 45.55 2.21 0.00 N | 45.33 2.17 0.00 N | 48.88 2.66 0.00 N | 166.41 0.90 -149.89 N | 69.34 3.58 0.00 N | 59.30 2.89 -5.47 N | 76.31 2.71 -24.51 N | 69.86 3.59 0.00 N | 65.71 3.36 -0.23 N |
| REVERE_CPPR_DRP 24186 | 73.23 0.72 0.00 N | 43.47 0.25 -0.59 N | 59.61 0.34 0.00 N | 64.91 0.44 0.00 N | 70.08 0.42 0.00 N | 62.21 0.34 0.00 N | 47.78 0.31 0.00 N | 39.31 0.43 0.00 N | 49.36 0.84 0.00 N | 40.50 0.88 -0.72 N | 33.81 0.71 -0.87 N | 71.00 1.49 0.00 N | 67.93 1.23 0.00 N | 45.98 0.74 0.00 N | 46.94 0.73 0.00 N | 44.03 0.69 0.00 N | 43.89 0.73 0.00 N | 47.19 0.97 0.00 N | 18.44 0.43 -2.40 N | 67.53 1.77 0.00 N | 52.20 1.17 -0.09 N | 50.34 0.86 -0.39 N | 67.14 0.86 0.00 N | 62.66 0.53 0.00 N |
| ROCHESTER_9_IC 23652 | 68.69 -3.82 0.00 N | 43.05 -2.74 -3.16 N | 55.57 -3.70 0.00 N | 60.83 -3.63 0.00 N | 65.57 -4.09 0.00 N | 57.74 -4.14 0.00 N | 43.68 -3.18 0.61 N | 36.50 -2.38 0.00 N | 46.01 -2.51 0.00 N | 41.35 -1.64 -4.09 N | 35.90 -1.20 -4.86 N | 66.80 -2.71 0.00 N | 63.55 -3.16 0.00 N | 43.18 -2.06 0.00 N | 44.06 -2.15 0.00 N | 41.54 -1.80 0.00 N | 41.71 -1.46 0.00 N | 44.70 -1.52 0.00 N | 29.20 -0.37 -13.96 N | 64.04 -1.72 0.00 N | 49.73 -1.72 -0.51 N | 49.25 -2.12 -2.28 N | 63.11 -3.17 0.00 N | 59.20 -2.94 -0.02 N |
| ROSETON____1 23587 | 77.40 4.90 0.00 N | 72.28 2.94 -26.71 N | 63.25 3.98 0.00 N | 68.74 4.28 0.00 N | 74.14 4.48 0.00 N | 66.01 4.14 0.00 N | 50.78 3.32 0.01 N | 41.76 2.88 0.00 N | 52.28 3.77 0.00 N | 76.70 3.23 -34.57 N | 75.92 2.60 -41.08 N | 74.96 5.45 0.00 N | 71.63 4.92 0.00 N | 48.55 3.32 0.00 N | 49.49 3.28 0.00 N | 46.36 3.02 0.00 N | 46.10 2.93 0.00 N | 49.70 3.49 0.00 N | 134.87 1.21 -118.04 N | 70.93 5.17 0.00 N | 59.27 4.02 -4.31 N | 72.12 3.73 -19.30 N | 71.08 4.81 0.00 N | 66.63 4.33 -0.18 N |
| ROSETON____2 23588 | 77.40 4.90 0.00 N | 72.28 2.94 -26.71 N | 63.25 3.98 0.00 N | 68.74 4.28 0.00 N | 74.14 4.48 0.00 N | 66.01 4.14 0.00 N | 50.78 3.32 0.01 N | 41.76 2.88 0.00 N | 52.28 3.77 0.00 N | 76.70 3.23 -34.57 N | 75.92 2.60 -41.08 N | 74.96 5.45 0.00 N | 71.63 4.92 0.00 N | 48.55 3.32 0.00 N | 49.49 3.28 0.00 N | 46.36 3.02 0.00 N | 46.10 2.93 0.00 N | 49.70 3.49 0.00 N | 134.87 1.21 -118.04 N | 70.93 5.17 0.00 N | 59.27 4.02 -4.31 N | 72.12 3.73 -19.30 N | 71.08 4.81 0.00 N | 66.63 4.33 -0.18 N |
| RUSSELL____1 23602 | 67.09 -5.42 0.00 N | 42.22 -3.52 -3.11 N | 54.62 -4.65 0.00 N | 59.43 -5.04 0.00 N | 64.08 -5.59 0.00 N | 56.76 -5.11 0.00 N | 43.41 -3.45 0.62 N | 36.41 -2.47 0.00 N | 45.85 -2.67 0.00 N | 41.21 -1.71 -4.03 N | 35.79 -1.23 -4.78 N | 66.23 -3.28 0.00 N | 62.94 -3.77 0.00 N | 43.12 -2.12 0.00 N | 44.07 -2.14 0.00 N | 41.67 -1.67 0.00 N | 41.89 -1.27 0.00 N | 44.94 -1.27 0.00 N | 29.04 -0.32 -13.74 N | 64.11 -1.65 0.00 N | 49.61 -1.83 -0.50 N | 49.02 -2.32 -2.25 N | 62.45 -3.83 0.00 N | 58.30 -3.84 -0.02 N |
| RUSSELL____2 23532 | 67.09 -5.42 0.00 N | 42.22 -3.52 -3.11 N | 54.62 -4.65 0.00 N | 59.43 -5.04 0.00 N | 64.08 -5.59 0.00 N | 56.76 -5.11 0.00 N | 43.41 -3.45 0.62 N | 36.41 -2.47 0.00 N | 45.85 -2.67 0.00 N | 41.21 -1.71 -4.03 N | 35.79 -1.23 -4.78 N | 66.23 -3.28 0.00 N | 62.94 -3.77 0.00 N | 43.12 -2.12 0.00 N | 44.07 -2.14 0.00 N | 41.67 -1.67 0.00 N | 41.89 -1.27 0.00 N | 44.94 -1.27 0.00 N | 29.04 -0.32 -13.74 N | 64.11 -1.65 0.00 N | 49.61 -1.83 -0.50 N | 49.02 -2.32 -2.25 N | 62.45 -3.83 0.00 N | 58.30 -3.84 -0.02 N |
| RUSSELL____3 23549 | 67.94 -4.57 0.00 N | 42.69 -3.10 -3.16 N | 55.12 -4.16 0.00 N | 60.20 -4.27 0.00 N | 64.89 -4.77 0.00 N | 57.28 -4.59 0.00 N | 43.51 -3.35 0.61 N | 36.40 -2.48 0.00 N | 45.85 -2.66 0.00 N | 41.23 -1.75 -4.09 N | 35.81 -1.28 -4.86 N | 66.42 -3.09 0.00 N | 63.15 -3.56 0.00 N | 43.05 -2.19 0.00 N | 43.95 -2.26 0.00 N | 41.48 -1.86 0.00 N | 41.65 -1.51 0.00 N | 44.67 -1.55 0.00 N | 29.19 -0.39 -13.96 N | 63.85 -1.90 0.00 N | 49.56 -1.89 -0.51 N | 49.07 -2.30 -2.28 N | 62.74 -3.54 0.00 N | 58.75 -3.40 -0.02 N |

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|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|
| RUSSELL___4 23556 | 67.10 -5.40 0.00 N | 42.21 -3.53 -3.11 N | 54.62 -4.65 0.00 N | 59.43 -5.04 0.00 N | 64.08 -5.58 0.00 N | 56.76 -5.11 0.00 N | 43.40 -3.45 0.62 N | 36.40 -2.47 0.00 N | 45.84 -2.67 0.00 N | 41.20 -1.72 -4.03 N | 35.78 -1.24 -4.78 N | 66.21 -3.30 0.00 N | 62.93 -3.78 0.00 N | 43.11 -2.13 0.00 N | 44.05 -2.15 0.00 N | 41.66 -1.68 0.00 N | 41.89 -1.27 0.00 N | 44.93 -1.28 0.00 N | 29.05 -0.31 -13.74 N | 64.10 -1.66 0.00 N | 49.59 -1.85 -0.50 N | 49.01 -2.33 -2.25 N | 62.44 -3.83 0.00 N | 58.29 -3.85 -0.02 N |
| RUSSELL___STATION 23914 | 67.94 -4.57 0.00 N | 42.69 -3.10 -3.16 N | 55.12 -4.16 0.00 N | 60.20 -4.27 0.00 N | 64.89 -4.77 0.00 N | 57.28 -4.59 0.00 N | 43.51 -3.35 0.61 N | 36.40 -2.48 0.00 N | 45.85 -2.66 0.00 N | 41.23 -1.75 -4.09 N | 35.81 -1.28 -4.86 N | 66.42 -3.09 0.00 N | 63.15 -3.56 0.00 N | 43.05 -2.19 0.00 N | 43.95 -2.26 0.00 N | 41.48 -1.86 0.00 N | 41.65 -1.51 0.00 N | 44.67 -1.55 0.00 N | 29.19 -0.39 -13.96 N | 63.85 -1.90 0.00 N | 49.56 -1.89 -0.51 N | 49.07 -2.30 -2.28 N | 62.74 -3.54 0.00 N | 58.75 -3.40 -0.02 N |
| S SALMON___HYD 24043 | 70.88 -1.63 0.00 N | 43.24 -1.11 -1.73 N | 57.72 -1.55 0.00 N | 62.84 -1.63 0.00 N | 67.83 -1.83 0.00 N | 60.18 -1.70 0.00 N | 46.16 -1.32 -0.01 N | 37.90 -0.98 0.00 N | 47.54 -0.97 0.00 N | 40.52 -0.62 -2.24 N | 34.38 -0.51 -2.66 N | 68.31 -1.19 0.00 N | 65.46 -1.25 0.00 N | 44.37 -0.87 0.00 N | 45.29 -0.92 0.00 N | 42.47 -0.87 0.00 N | 42.32 -0.84 0.00 N | 45.44 -0.77 0.00 N | 23.06 -0.19 -7.64 N | 65.01 -0.75 0.00 N | 50.50 -0.72 -0.28 N | 49.55 -0.79 -1.25 N | 64.94 -1.33 0.00 N | 60.69 -1.44 -0.01 N |
| SELKIRK___II 23799 | 75.61 3.10 0.00 N | 78.25 1.95 -33.67 N | 61.94 2.67 0.00 N | 67.30 2.84 0.00 N | 72.71 3.05 0.00 N | 64.64 2.77 0.00 N | 49.37 1.90 0.00 N | 40.38 1.51 0.00 N | 50.29 1.78 0.00 N | 84.08 1.61 -43.58 N | 85.31 1.29 -51.79 N | 72.07 2.57 0.00 N | 69.02 2.31 0.00 N | 46.82 1.58 0.00 N | 47.77 1.56 0.00 N | 44.73 1.39 0.00 N | 44.51 1.35 0.00 N | 47.91 1.70 0.00 N | 165.43 0.58 -149.24 N | 68.07 2.31 0.00 N | 58.25 1.87 -5.45 N | 75.27 1.78 -24.40 N | 68.73 2.45 0.00 N | 64.81 2.46 -0.22 N |
| SELKIRK___I 23801 | 75.59 3.08 0.00 N | 78.15 1.90 -33.62 N | 61.83 2.56 0.00 N | 67.19 2.72 0.00 N | 72.56 2.90 0.00 N | 64.49 2.61 0.00 N | 49.25 1.78 0.00 N | 40.37 1.50 0.00 N | 50.40 1.89 0.00 N | 84.12 1.71 -43.51 N | 85.32 1.37 -51.71 N | 72.29 2.78 0.00 N | 69.20 2.49 0.00 N | 46.93 1.69 0.00 N | 47.86 1.66 0.00 N | 44.83 1.49 0.00 N | 44.62 1.46 0.00 N | 48.03 1.81 0.00 N | 165.04 0.62 -148.80 N | 68.33 2.57 0.00 N | 58.39 2.02 -5.43 N | 75.32 1.90 -24.33 N | 68.72 2.45 0.00 N | 64.68 2.34 -0.22 N |
| SENECA OSWGO___HYD 24041 | 70.66 -1.85 0.00 N | 43.43 -1.22 -2.02 N | 57.57 -1.70 0.00 N | 62.68 -1.79 0.00 N | 67.64 -2.02 0.00 N | 60.00 -1.88 0.00 N | 46.10 -1.38 -0.01 N | 37.86 -1.02 0.00 N | 47.47 -1.05 0.00 N | 40.83 -0.69 -2.62 N | 34.81 -0.54 -3.11 N | 68.28 -1.23 0.00 N | 65.31 -1.40 0.00 N | 44.30 -0.94 0.00 N | 45.22 -0.99 0.00 N | 42.45 -0.89 0.00 N | 42.34 -0.83 0.00 N | 45.45 -0.76 0.00 N | 24.37 -0.19 -8.95 N | 64.91 -0.85 0.00 N | 50.48 -0.78 -0.33 N | 49.60 -0.95 -1.46 N | 64.76 -1.52 0.00 N | 60.61 -1.53 -0.01 N |
| SENECA___ENERGY 23797 | 68.81 -3.70 0.00 N | 43.48 -2.45 -3.31 N | 55.88 -3.39 0.00 N | 60.95 -3.51 0.00 N | 65.69 -3.97 0.00 N | 58.14 -3.73 0.00 N | 44.74 -2.75 -0.02 N | 36.89 -1.98 0.00 N | 46.42 -2.10 0.00 N | 41.78 -1.40 -4.28 N | 36.20 -1.12 -5.09 N | 66.94 -2.57 0.00 N | 63.76 -2.95 0.00 N | 43.26 -1.98 0.00 N | 44.15 -2.06 0.00 N | 41.51 -1.82 0.00 N | 41.50 -1.66 0.00 N | 44.55 -1.66 0.00 N | 29.56 -0.46 -14.40 N | 64.14 -1.62 0.00 N | 49.96 -1.53 -0.54 N | 49.69 -1.82 -2.43 N | 63.47 -2.80 0.00 N | 59.37 -2.77 -0.02 N |
| SHOEMAKER___GT 23640 | 76.91 4.41 0.00 N | 69.67 2.61 -24.44 N | 62.79 3.52 0.00 N | 68.27 3.80 0.00 N | 73.64 3.97 0.00 N | 65.54 3.66 0.00 N | 50.41 2.95 0.01 N | 41.47 2.59 0.00 N | 51.95 3.43 0.00 N | 73.49 2.97 -31.63 N | 72.21 2.39 -37.59 N | 74.54 5.03 0.00 N | 71.21 4.50 0.00 N | 48.25 3.02 0.00 N | 49.20 2.99 0.00 N | 46.08 2.74 0.00 N | 45.85 2.69 0.00 N | 49.38 3.17 0.00 N | 124.74 1.13 -108.00 N | 70.54 4.79 0.00 N | 58.59 3.70 -3.94 N | 70.17 3.42 -17.66 N | 70.65 4.38 0.00 N | 66.18 3.90 -0.16 N |
| SHOREHAM_IC_1 23715 | 77.99 5.48 0.00 N | 73.00 3.57 -26.81 N | 65.17 5.25 -0.64 N | 70.62 6.12 -0.03 N | 77.29 6.62 -1.00 N | 74.34 6.26 -6.21 N | 62.25 4.57 -10.21 N | 67.69 4.10 -24.71 N | 75.95 5.38 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.87 6.52 -5.64 N | 78.39 4.61 -28.53 N | 75.83 4.58 -25.04 N | 76.68 4.24 -29.09 N | 94.29 4.61 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.63 6.72 -30.15 N | 111.09 5.59 -54.55 N | 79.81 5.04 -25.69 N | 76.69 6.40 -4.01 N | 76.31 5.67 -8.51 N |
| SHOREHAM_IC_2 23716 | 77.99 5.48 0.00 N | 73.00 3.57 -26.81 N | 65.17 5.25 -0.64 N | 70.62 6.12 -0.03 N | 77.29 6.62 -1.00 N | 74.34 6.26 -6.21 N | 62.25 4.57 -10.21 N | 67.69 4.10 -24.71 N | 75.95 5.38 -22.06 N | 81.39 4.26 -38.23 N | 79.25 3.17 -43.85 N | 79.41 6.87 -3.03 N | 78.87 6.52 -5.64 N | 78.39 4.61 -28.53 N | 75.83 4.58 -25.04 N | 76.68 4.24 -29.09 N | 94.29 4.61 -46.51 N | 69.63 4.85 -18.56 N | 140.09 1.69 -122.78 N | 102.63 6.72 -30.15 N | 111.09 5.59 -54.55 N | 79.81 5.04 -25.69 N | 76.69 6.40 -4.01 N | 76.31 5.67 -8.51 N |
| SISSONVILLE___ 23735 | 71.12 -1.39 0.00 N | 41.78 -0.85 0.00 N | 58.12 -1.16 0.00 N | 63.21 -1.26 0.00 N | 68.41 -1.25 0.00 N | 60.79 -1.08 0.00 N | 45.92 -1.54 0.00 N | 37.39 -1.49 0.00 N | 46.49 -2.02 0.00 N | 36.77 -2.13 0.00 N | 30.52 -1.72 0.00 N | 66.11 -3.40 0.00 N | 64.72 -1.99 0.00 N | 44.10 -1.14 0.00 N | 45.16 -1.05 0.00 N | 42.29 -1.05 0.00 N | 41.85 -1.31 0.00 N | 44.07 -2.14 0.00 N | 14.87 -0.74 0.00 N | 63.37 -2.39 0.00 N | 49.14 -1.80 0.00 N | 47.86 -1.23 0.00 N | 64.77 -1.51 0.00 N | 60.75 -1.37 0.00 N |
| SITHE_IND_GS1 24169 | 69.87 -2.63 0.00 N | 42.69 -1.62 -1.68 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.64 0.00 N | 59.45 -2.43 0.00 N | 45.64 -1.83 0.00 N | 37.47 -1.41 0.00 N | 46.89 -1.62 0.00 N | 39.87 -1.20 -2.17 N | 33.86 -0.96 -2.58 N | 67.33 -2.17 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.66 -1.55 0.00 N | 41.92 -1.42 0.00 N | 41.78 -1.38 0.00 N | 44.81 -1.41 0.00 N | 22.60 -0.43 -7.42 N | 63.89 -1.86 0.00 N | 49.70 -1.51 -0.27 N | 48.70 -1.60 -1.21 N | 63.99 -2.29 0.00 N | 59.95 -2.18 -0.01 N |
| SITHE_IND_GS2 24170 | 69.87 -2.63 0.00 N | 42.69 -1.62 -1.68 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.64 0.00 N | 59.45 -2.43 0.00 N | 45.64 -1.83 0.00 N | 37.47 -1.41 0.00 N | 46.89 -1.62 0.00 N | 39.87 -1.20 -2.17 N | 33.86 -0.96 -2.58 N | 67.33 -2.17 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.66 -1.55 0.00 N | 41.92 -1.42 0.00 N | 41.78 -1.38 0.00 N | 44.81 -1.41 0.00 N | 22.60 -0.43 -7.42 N | 63.89 -1.86 0.00 N | 49.70 -1.51 -0.27 N | 48.70 -1.60 -1.21 N | 63.99 -2.29 0.00 N | 59.95 -2.18 -0.01 N |
| SITHE_IND_GS3 24171 | 69.87 -2.63 0.00 N | 42.69 -1.62 -1.68 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.64 0.00 N | 59.45 -2.43 0.00 N | 45.64 -1.83 0.00 N | 37.47 -1.41 0.00 N | 46.89 -1.62 0.00 N | 39.87 -1.20 -2.17 N | 33.86 -0.96 -2.58 N | 67.33 -2.17 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.66 -1.55 0.00 N | 41.92 -1.42 0.00 N | 41.78 -1.38 0.00 N | 44.81 -1.41 0.00 N | 22.60 -0.43 -7.42 N | 63.89 -1.86 0.00 N | 49.70 -1.51 -0.27 N | 48.70 -1.60 -1.21 N | 63.99 -2.29 0.00 N | 59.95 -2.18 -0.01 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 | 69.87 -2.63 0.00 N | 42.69 -1.62 -1.68 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.64 0.00 N | 59.45 -2.43 0.00 N | 45.64 -1.83 0.00 N | 37.47 -1.41 0.00 N | 46.89 -1.62 0.00 N | 39.87 -1.20 -2.17 N | 33.86 -0.96 -2.58 N | 67.33 -2.17 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.66 -1.55 0.00 N | 41.92 -1.42 0.00 N | 41.78 -1.38 0.00 N | 44.81 -1.41 0.00 N | 22.60 -0.43 -7.42 N | 63.89 -1.86 0.00 N | 49.70 -1.51 -0.27 N | 48.70 -1.60 -1.21 N | 63.99 -2.29 0.00 N | 59.95 -2.18 -0.01 N | | |
| SITHE__BATAVIA 24024 | 66.53 -5.98 0.00 N | 42.01 -4.28 -3.65 N | 53.56 -5.71 0.00 N | 58.92 -5.54 0.00 N | 63.40 -6.27 0.00 N | 55.40 -6.47 0.00 N | 41.79 -5.11 0.57 N | 34.98 -3.90 0.00 N | 44.18 -4.33 0.00 N | 40.62 -3.01 -4.73 N | 35.57 -2.29 -5.62 N | 64.52 -4.98 0.00 N | 61.20 -5.50 0.00 N | 41.55 -3.68 0.00 N | 42.34 -3.87 0.00 N | 40.01 -3.33 0.00 N | 40.27 -2.89 0.00 N | 43.06 -3.15 -16.15 N | 30.89 -0.87 0.00 N | 61.84 -3.92 0.00 N | 48.04 -3.49 -0.59 N | 47.80 -3.94 -2.64 N | 60.86 -5.42 0.00 N | 57.37 -4.78 -0.02 N | | |
| SITHE__INDEPEND 23800 | 69.87 -2.63 0.00 N | 42.69 -1.62 -1.68 N | 57.03 -2.24 0.00 N | 62.09 -2.38 0.00 N | 67.02 -2.64 0.00 N | 59.45 -2.43 0.00 N | 45.64 -1.83 0.00 N | 37.47 -1.41 0.00 N | 46.89 -1.62 0.00 N | 39.87 -1.20 -2.17 N | 33.86 -0.96 -2.58 N | 67.33 -2.17 0.00 N | 64.45 -2.26 0.00 N | 43.73 -1.51 0.00 N | 44.66 -1.55 0.00 N | 41.92 -1.42 0.00 N | 41.78 -1.38 0.00 N | 44.81 -1.41 0.00 N | 22.60 -0.43 -7.42 N | 63.89 -1.86 0.00 N | 49.70 -1.51 -0.27 N | 48.70 -1.60 -1.21 N | 63.99 -2.29 0.00 N | 59.95 -2.18 -0.01 N | | |
| SITHE__MASSENA 23902 | 72.08 -0.42 0.00 N | 42.37 -0.26 0.00 N | 58.97 -0.30 0.00 N | 64.15 -0.32 0.00 N | 69.42 -0.25 0.00 N | 61.68 -0.20 0.00 N | 47.07 -0.40 0.00 N | 38.36 -0.52 0.00 N | 47.71 -0.81 0.00 N | 37.82 -1.08 0.00 N | 31.35 -0.89 0.00 N | 67.83 -1.69 0.00 N | 65.66 -1.05 0.00 N | 44.66 -0.58 0.00 N | 45.72 -0.49 0.00 N | 42.89 -0.45 0.00 N | 42.76 -0.40 0.00 N | 45.19 -1.02 0.00 N | 15.20 -0.42 0.00 N | 64.27 -1.49 0.00 N | 49.86 -1.07 0.00 N | 48.41 -0.68 0.00 N | 65.59 -0.69 0.00 N | 61.63 -0.50 0.00 N | | |
| SITHE__OGDNSBRG 24021 | 72.99 0.48 0.00 N | 42.84 0.21 0.00 N | 59.62 0.35 0.00 N | 64.86 0.40 0.00 N | 70.20 0.54 0.00 N | 62.40 0.52 0.00 N | 47.48 0.01 0.00 N | 38.69 -0.19 0.00 N | 48.19 -0.32 0.00 N | 38.15 -0.75 0.00 N | 31.63 -0.61 0.00 N | 68.49 -1.02 0.00 N | 66.49 -0.22 0.00 N | 45.25 0.01 0.00 N | 46.33 0.12 0.00 N | 43.44 0.10 0.00 N | 43.23 0.07 0.00 N | 45.65 -0.56 0.00 N | 15.38 -0.24 0.00 N | 65.15 -0.60 0.00 N | 50.51 -0.43 0.00 N | 49.08 -0.01 0.00 N | 66.41 0.13 0.00 N | 62.33 0.21 0.00 N | | |
| SITHE__STERLING 23777 | 72.56 0.06 0.00 N | 43.31 -0.11 -0.79 N | 59.10 -0.18 0.00 N | 64.35 -0.11 0.00 N | 69.47 -0.20 0.00 N | 61.65 -0.22 0.00 N | 47.36 -0.11 0.00 N | 38.95 0.08 0.00 N | 48.89 0.38 0.00 N | 40.42 0.50 -1.02 N | 33.87 0.42 -1.21 N | 70.35 0.84 0.00 N | 67.28 0.56 0.00 N | 45.54 0.30 0.00 N | 46.49 0.28 0.00 N | 43.62 0.28 0.00 N | 43.48 0.32 0.00 N | 46.72 0.50 -3.49 N | 19.35 0.25 0.00 N | 66.81 1.05 0.00 N | 51.70 0.63 -0.13 N | 50.03 0.37 -0.57 N | 66.49 0.22 0.00 N | 62.13 0.00 0.00 N | | |
| SOUTH CAIRO__GT 23612 | 78.54 6.03 0.00 N | 76.16 3.57 -29.97 N | 64.14 4.87 0.00 N | 69.68 5.22 0.00 N | 75.23 5.57 0.00 N | 66.96 5.08 0.00 N | 51.36 3.90 0.01 N | 42.19 3.31 0.00 N | 52.81 4.30 0.00 N | 81.39 3.71 -38.78 N | 81.34 3.01 -46.09 N | 75.91 6.40 0.00 N | 72.52 5.81 0.00 N | 49.11 3.88 0.00 N | 50.07 3.86 0.00 N | 46.90 3.56 0.00 N | 46.67 3.50 0.00 N | 50.39 4.18 0.00 N | 149.73 1.46 -132.66 N | 71.87 6.11 0.00 N | 60.49 4.70 -4.84 N | 75.16 4.37 -21.69 N | 71.90 5.63 0.00 N | 67.45 5.12 -0.20 N | | |
| SOUTH HAMPTN__IC 23720 | 78.77 6.26 0.00 N | 73.43 4.00 -26.81 N | 65.74 5.83 -0.64 N | 71.19 6.69 -0.03 N | 77.87 7.21 -1.00 N | 74.87 6.79 -6.21 N | 62.72 5.04 -10.21 N | 68.09 4.50 -24.71 N | 76.47 5.90 -22.06 N | 81.84 4.72 -38.23 N | 79.63 3.55 -43.85 N | 80.23 7.69 -3.03 N | 79.63 7.28 -5.64 N | 78.88 5.11 -28.53 N | 76.34 5.09 -25.04 N | 77.15 4.72 -29.09 N | 94.79 5.11 -46.51 N | 70.20 5.42 -18.56 N | 140.29 1.89 -122.78 N | 103.47 7.56 -30.15 N | 111.70 6.21 -54.55 N | 80.38 5.61 -25.69 N | 77.42 7.13 -4.01 N | 76.95 6.31 -8.51 N | | |
| SOUTHOLD__IC 23719 | 80.05 7.54 0.00 N | 74.14 4.70 -26.81 N | 66.70 6.79 -0.64 N | 72.23 7.73 -0.03 N | 78.98 8.32 -1.00 N | 75.85 7.77 -6.21 N | 63.48 5.80 -10.21 N | 68.74 5.16 -24.71 N | 77.42 6.85 -22.06 N | 82.62 5.50 -38.23 N | 80.29 4.21 -43.85 N | 81.72 9.18 -3.03 N | 80.99 8.64 -5.64 N | 79.79 6.02 -28.53 N | 77.26 6.00 -25.04 N | 78.01 5.58 -29.09 N | 95.65 5.98 -46.51 N | 71.22 6.44 -18.56 N | 140.67 2.27 -122.78 N | 105.00 9.09 -30.15 N | 112.86 7.37 -54.55 N | 81.44 6.66 -25.69 N | 78.71 8.42 -4.01 N | 78.05 7.41 -8.51 N | | |
| ST LAWRENCE____ 23600 | 71.49 -1.02 0.00 N | 42.03 -0.60 0.00 N | 58.50 -0.77 0.00 N | 63.64 -0.83 0.00 N | 68.87 -0.79 0.00 N | 61.19 -0.69 0.00 N | 46.77 -0.71 0.00 N | 38.10 -0.78 0.00 N | 47.37 -1.14 0.00 N | 37.64 -1.26 0.00 N | 31.19 -1.04 0.00 N | 67.51 -2.00 0.00 N | 65.23 -1.48 0.00 N | 44.27 -0.97 0.00 N | 45.32 -0.89 0.00 N | 42.53 -0.81 0.00 N | 42.34 -0.82 0.00 N | 44.97 -1.24 0.00 N | 15.11 -0.50 0.00 N | 63.84 -1.91 0.00 N | 49.55 -1.39 0.00 N | 47.99 -1.09 0.00 N | 65.04 -1.24 0.00 N | 61.13 -0.99 0.00 N | | |
| STATION 5_MISC_HYD 23604 | 64.75 -7.76 0.00 N | 40.74 -5.00 -3.11 N | 52.26 -7.01 0.00 N | 56.45 -8.01 0.00 N | 60.88 -8.78 0.00 N | 53.85 -8.03 0.00 N | 41.01 -5.84 0.62 N | 34.37 -4.51 0.00 N | 43.39 -5.12 0.00 N | 39.26 -3.67 -4.03 N | 34.19 -2.83 -4.78 N | 63.04 -6.47 0.00 N | 59.97 -6.74 0.00 N | 40.91 -4.33 0.00 N | 41.76 -4.45 0.00 N | 39.42 -3.92 0.00 N | 39.68 -3.48 0.00 N | 42.72 -3.49 0.00 N | 28.32 -1.04 -13.74 N | 61.25 -4.51 0.00 N | 47.41 -4.03 -0.50 N | 46.80 -4.53 -2.25 N | 59.43 -6.85 0.00 N | 55.44 -6.70 -0.02 N | | |
| STURGEON_POOL_HYD 23609 | 77.52 5.02 0.00 N | 73.17 3.00 -27.55 N | 63.30 4.03 0.00 N | 68.80 4.33 0.00 N | 74.19 4.52 0.00 N | 66.05 4.17 0.00 N | 50.86 3.40 0.01 N | 41.87 2.99 0.00 N | 52.51 3.99 0.00 N | 78.00 3.45 -35.65 N | 77.40 2.79 -42.37 N | 75.42 5.91 0.00 N | 72.01 5.30 0.00 N | 48.77 3.54 0.00 N | 49.69 3.48 0.00 N | 46.54 3.20 0.00 N | 46.30 3.14 0.00 N | 49.93 3.72 0.00 N | 138.67 1.30 -121.75 N | 71.42 5.66 0.00 N | 59.73 4.34 -4.45 N | 73.00 4.00 -19.91 N | 71.33 5.06 0.00 N | 66.77 4.47 -0.18 N | | |
| SYRACUSE__POWER 24017 | 71.16 -1.35 0.00 N | 44.15 -0.95 -2.47 N | 57.97 -1.31 0.00 N | 63.11 -1.35 0.00 N | 68.11 -1.56 0.00 N | 60.43 -1.45 0.00 N | 46.45 -1.04 -0.02 N | 38.17 -0.71 0.00 N | 47.88 -0.63 0.00 N | 41.79 -0.31 -3.20 N | 35.80 -0.24 -3.80 N | 68.92 -0.59 0.00 N | 65.88 -0.83 0.00 N | 44.63 -0.61 0.00 N | 45.57 -0.63 0.00 N | 42.77 -0.57 0.00 N | 42.63 -0.53 0.00 N | 45.77 -0.44 0.00 N | 26.23 -0.07 -10.69 N | 65.39 -0.37 0.00 N | 50.90 -0.43 -0.39 N | 50.20 -0.63 -1.75 N | 65.18 -1.10 0.00 N | 60.99 -1.16 -0.02 N | | |
| Stony__Brook | 78.32 | 73.26 | 65.52 | 70.89 | 77.42 | 74.47 | 62.53 | 67.93 | 76.25 | 81.57 | 79.38 | 79.69 | 79.20 | 78.63 | 76.10 | 76.93 | 94.61 | 69.67 | 140.10 | 102.65 | 111.25 | 79.98 | 77.00 | 76.67 | | |

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| 24151 | 5.82 0.00 N | 3.82 -26.81 N | 5.61 -0.64 N | 6.39 -0.03 N | 6.75 -1.00 N | 6.39 -6.21 N | 4.86 -10.21 N | 4.35 -24.71 N | 5.67 -22.06 N | 4.45 -38.23 N | 3.30 -43.85 N | 7.15 -3.03 N | 6.85 -5.64 N | 4.86 -28.53 N | 4.85 -25.04 N | 4.50 -29.09 N | 4.94 -46.51 N | 4.89 -18.56 N | 1.71 -122.78 N | 6.75 -30.15 N | 5.76 -54.55 N | 5.20 -25.69 N | 6.71 -4.01 N | 6.03 -8.51 N |
| UPPER HUDSON___HYD 24058 | 77.17 4.66 0.00 N | 80.34 3.06 -34.66 N | 63.36 4.09 0.00 N | 68.80 4.33 0.00 N | 74.59 4.92 0.00 N | 66.64 4.76 0.00 N | 51.30 3.83 0.00 N | 41.84 2.97 0.00 N | 52.20 3.69 0.00 N | 86.99 3.24 -44.85 N | 88.16 2.62 -53.31 N | 74.74 5.23 0.00 N | 71.65 4.94 0.00 N | 48.64 3.41 0.00 N | 49.61 3.40 0.00 N | 46.42 3.08 0.00 N | 46.15 2.99 0.00 N | 50.09 3.87 0.00 N | 170.46 1.24 -153.60 N | 70.45 4.69 0.00 N | 60.50 3.96 -5.61 N | 77.92 3.72 -25.12 N | 70.84 4.57 0.00 N | 66.50 4.14 -0.23 N |
| UPPER RAQUET___HYD 24056 | 71.12 -1.39 0.00 N | 41.78 -0.85 0.00 N | 58.12 -1.16 0.00 N | 63.21 -1.26 0.00 N | 68.41 -1.25 0.00 N | 60.79 -1.08 0.00 N | 45.92 -1.54 0.00 N | 37.39 -1.49 0.00 N | 46.49 -2.02 0.00 N | 36.77 -2.13 0.00 N | 30.52 -1.72 0.00 N | 66.11 -3.40 0.00 N | 64.72 -1.99 0.00 N | 44.10 -1.14 0.00 N | 45.16 -1.05 0.00 N | 42.29 -1.05 0.00 N | 41.85 -1.31 0.00 N | 44.07 -2.14 0.00 N | 14.87 -0.74 0.00 N | 63.37 -2.39 0.00 N | 49.14 -1.80 0.00 N | 47.86 -1.23 0.00 N | 64.77 -1.51 0.00 N | 60.75 -1.37 0.00 N |
| VISCHER___FERRY HYD 24020 | 76.23 3.73 0.00 N | 79.08 2.39 -34.06 N | 62.43 3.15 0.00 N | 67.76 3.30 0.00 N | 73.31 3.65 0.00 N | 65.35 3.48 0.00 N | 50.20 2.73 0.00 N | 41.13 2.25 0.00 N | 51.28 2.77 0.00 N | 85.48 2.50 -44.09 N | 86.64 2.01 -52.40 N | 73.53 4.03 0.00 N | 70.46 3.75 0.00 N | 47.82 2.58 0.00 N | 48.76 2.56 0.00 N | 45.64 2.30 0.00 N | 45.38 2.22 0.00 N | 49.05 2.83 0.00 N | 167.53 0.93 -150.99 N | 69.29 3.53 0.00 N | 59.43 2.98 -5.51 N | 76.59 2.81 -24.69 N | 69.87 3.59 0.00 N | 65.68 3.33 -0.23 N |
| WADING RIVER_IC_1 23522 | 77.82 5.32 0.00 N | 72.92 3.48 -26.81 N | 65.03 5.12 -0.64 N | 70.47 5.97 -0.03 N | 77.11 6.44 -1.00 N | 74.18 6.10 -6.21 N | 62.14 4.46 -10.21 N | 67.59 4.01 -24.71 N | 75.82 5.25 -22.06 N | 81.27 4.15 -38.23 N | 79.16 3.08 -43.85 N | 79.22 6.68 -3.03 N | 78.67 6.33 -5.64 N | 78.25 4.48 -28.53 N | 75.70 4.44 -25.04 N | 76.55 4.12 -29.09 N | 94.16 4.48 -46.51 N | 69.47 4.69 -18.56 N | 140.03 1.63 -122.78 N | 102.39 6.48 -30.15 N | 110.88 5.39 -54.55 N | 79.65 4.87 -25.69 N | 76.49 6.20 -4.01 N | 76.16 5.52 -8.51 N |
| WADING RIVER_IC_2 23547 | 77.82 5.32 0.00 N | 72.92 3.48 -26.81 N | 65.03 5.12 -0.64 N | 70.47 5.97 -0.03 N | 77.11 6.44 -1.00 N | 74.18 6.10 -6.21 N | 62.14 4.46 -10.21 N | 67.59 4.01 -24.71 N | 75.82 5.25 -22.06 N | 81.27 4.15 -38.23 N | 79.16 3.08 -43.85 N | 79.22 6.68 -3.03 N | 78.67 6.33 -5.64 N | 78.25 4.48 -28.53 N | 75.70 4.44 -25.04 N | 76.55 4.12 -29.09 N | 94.16 4.48 -46.51 N | 69.47 4.69 -18.56 N | 140.03 1.63 -122.78 N | 102.39 6.48 -30.15 N | 110.88 5.39 -54.55 N | 79.65 4.87 -25.69 N | 76.49 6.20 -4.01 N | 76.16 5.52 -8.51 N |
| WADING RIVER_IC_3 23601 | 77.82 5.32 0.00 N | 72.92 3.48 -26.81 N | 65.03 5.12 -0.64 N | 70.47 5.97 -0.03 N | 77.11 6.44 -1.00 N | 74.18 6.10 -6.21 N | 62.14 4.46 -10.21 N | 67.59 4.01 -24.71 N | 75.82 5.25 -22.06 N | 81.27 4.15 -38.23 N | 79.16 3.08 -43.85 N | 79.22 6.68 -3.03 N | 78.67 6.33 -5.64 N | 78.25 4.48 -28.53 N | 75.70 4.44 -25.04 N | 76.55 4.12 -29.09 N | 94.16 4.48 -46.51 N | 69.47 4.69 -18.56 N | 140.03 1.63 -122.78 N | 102.39 6.48 -30.15 N | 110.88 5.39 -54.55 N | 79.65 4.87 -25.69 N | 76.49 6.20 -4.01 N | 76.16 5.52 -8.51 N |
| WALDEN___HYDRO 24148 | 77.74 5.24 0.00 N | 71.93 3.09 -26.21 N | 63.41 4.14 0.00 N | 68.93 4.46 0.00 N | 74.37 4.70 0.00 N | 66.19 4.32 0.00 N | 50.96 3.50 0.01 N | 41.99 3.11 0.00 N | 52.65 4.13 0.00 N | 76.40 3.57 -33.93 N | 75.45 2.89 -40.32 N | 75.63 6.12 0.00 N | 72.19 5.48 0.00 N | 48.89 3.65 0.00 N | 49.80 3.60 0.00 N | 46.64 3.30 0.00 N | 46.40 3.24 0.00 N | 50.04 3.83 0.00 N | 132.82 1.35 -115.86 N | 71.62 5.86 0.00 N | 59.70 4.53 -4.23 N | 72.19 4.16 -18.95 N | 71.60 5.33 0.00 N | 67.04 4.74 -0.17 N |
| WARRENSBURG____ 23737 | 77.25 4.74 0.00 N | 80.38 3.10 -34.66 N | 63.44 4.17 0.00 N | 68.88 4.41 0.00 N | 74.67 5.00 0.00 N | 66.70 4.82 0.00 N | 51.35 3.89 0.00 N | 41.88 3.01 0.00 N | 52.28 3.76 0.00 N | 87.04 3.29 -44.85 N | 88.20 2.66 -53.31 N | 74.86 5.35 0.00 N | 71.73 5.03 0.00 N | 48.69 3.46 0.00 N | 49.67 3.47 0.00 N | 46.48 3.14 0.00 N | 46.24 3.08 0.00 N | 50.15 3.94 0.00 N | 170.48 1.26 -153.60 N | 70.56 4.80 0.00 N | 60.58 4.04 -5.61 N | 77.98 3.78 -25.12 N | 70.92 4.64 0.00 N | 66.57 4.22 -0.23 N |
| WATERSIDE___6 8 9 23538 | 78.51 6.00 0.00 N | 73.00 3.56 -26.81 N | 64.07 4.80 0.00 N | 69.54 5.07 0.00 N | 74.96 5.30 0.00 N | 66.86 4.98 0.00 N | 51.51 4.05 0.01 N | 42.34 3.46 0.00 N | 53.04 4.53 0.00 N | 77.39 3.80 -34.70 N | 76.55 3.08 -41.23 N | 78.25 6.53 -2.21 N | 81.46 5.83 -8.92 N | 49.15 3.91 0.00 N | 50.13 3.92 0.00 N | 46.98 3.64 0.00 N | 46.47 3.31 0.00 N | 50.31 4.10 0.00 N | 135.49 1.40 -118.48 N | 71.94 6.18 0.00 N | 59.99 4.72 -4.33 N | 72.85 4.39 -19.37 N | 71.97 5.69 0.00 N | 67.40 5.09 -0.18 N |
| WEST BABYLON___IC 23714 | 79.39 6.88 0.00 N | 73.76 4.33 -26.81 N | 66.09 6.18 -0.64 N | 71.37 6.86 -0.03 N | 77.86 7.20 -1.00 N | 74.84 6.76 -6.21 N | 62.97 5.29 -10.21 N | 68.25 4.67 -24.71 N | 76.69 6.12 -22.06 N | 82.03 4.91 -38.23 N | 79.86 3.78 -43.85 N | 80.68 8.14 -3.03 N | 79.98 7.64 -5.64 N | 79.07 5.30 -28.53 N | 76.55 5.30 -25.04 N | 77.31 4.88 -29.09 N | 94.92 5.25 -46.51 N | 70.21 5.43 -18.56 N | 140.30 1.90 -122.78 N | 103.66 7.75 -30.15 N | 111.75 6.26 -54.55 N | 80.54 5.76 -25.69 N | 77.74 7.45 -4.01 N | 77.33 6.69 -8.51 N |
| WEST CANADA___HYD 24049 | 72.88 0.37 0.00 N | 42.24 0.26 0.64 N | 59.63 0.35 0.00 N | 64.85 0.39 0.00 N | 70.07 0.41 0.00 N | 62.25 0.37 0.00 N | 47.75 0.28 0.00 N | 39.15 0.27 0.00 N | 48.90 0.39 0.00 N | 38.43 0.36 0.83 N | 31.54 0.29 0.99 N | 70.13 0.62 0.00 N | 67.18 0.47 0.00 N | 45.55 0.32 0.00 N | 46.49 0.28 0.00 N | 43.60 0.26 0.00 N | 43.44 0.28 0.00 N | 46.60 0.38 0.00 N | 12.92 0.14 2.84 N | 66.33 0.58 0.00 N | 51.24 0.41 0.10 N | 48.99 0.37 0.46 N | 66.69 0.42 0.00 N | 62.48 0.36 0.00 N |
| WESTERN_NY_WIND 24143 | 66.44 -6.07 0.00 N | 41.99 -4.34 -3.70 N | 53.48 -5.79 0.00 N | 58.84 -5.63 0.00 N | 63.31 -6.35 0.00 N | 55.31 -6.57 0.00 N | 41.72 -5.18 0.57 N | 34.92 -3.96 0.00 N | 44.10 -4.41 0.00 N | 40.63 -3.06 -4.79 N | 35.59 -2.34 -5.70 N | 64.43 -5.08 0.00 N | 61.10 -5.61 0.00 N | 41.50 -3.74 0.00 N | 42.27 -3.94 0.00 N | 39.94 -3.40 0.00 N | 40.21 -2.95 0.00 N | 43.00 -3.22 0.00 N | 31.08 -0.90 -16.36 N | 61.74 -4.01 0.00 N | 47.98 -3.56 -0.60 N | 47.76 -4.01 -2.68 N | 60.77 -5.51 0.00 N | 57.30 -4.86 -0.03 N |
| YORK___WARBASSE 23770 | 78.65 6.14 0.00 N | 73.09 3.66 -26.81 N | 64.14 4.86 0.00 N | 69.58 5.11 0.00 N | 74.98 5.32 0.00 N | 66.83 4.95 0.00 N | 51.49 4.03 0.01 N | 42.34 3.47 0.00 N | 53.06 4.55 0.00 N | 77.41 3.82 -34.70 N | 76.62 3.15 -41.23 N | 78.29 6.58 -2.21 N | 81.54 5.91 -8.92 N | 49.22 3.98 0.00 N | 50.19 3.99 0.00 N | 47.03 3.69 0.00 N | 46.56 3.39 0.00 N | 50.44 4.22 0.00 N | 135.51 1.42 -118.48 N | 72.24 6.48 0.00 N | 60.19 4.92 -4.33 N | 73.02 4.56 -19.37 N | 72.14 5.86 0.00 N | 67.54 5.23 -0.18 N |