

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

01/31/2006

| 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 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.47 2.55 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.59 5.76 0.00 N | 70.34 6.35 0.00 N | 75.49 7.35 0.00 N | 61.08 6.30 0.00 N | 56.28 5.75 0.00 N | 61.82 6.24 0.00 N | 73.01 7.42 0.00 N | 70.49 6.89 0.00 N | 75.00 7.40 0.00 N | 82.17 8.27 0.00 N | 156.40 16.10 0.00 N | 89.31 9.35 0.00 N | 103.48 10.43 0.00 N | 89.02 9.20 0.00 N | 64.14 6.53 0.00 N | 84.18 1.58 -68.28 N | 49.88 3.89 -4.51 N | 46.28 3.40 0.00 N |
| 74TH STREET_GT_1 24260 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.48 2.56 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.37 6.39 0.00 N | 75.51 7.36 0.00 N | 61.09 6.31 0.00 N | 56.28 5.75 0.00 N | 61.79 6.21 0.00 N | 73.02 7.44 0.00 N | 70.50 6.90 0.00 N | 75.01 7.41 0.00 N | 82.15 8.25 0.00 N | 156.40 16.10 0.00 N | 89.30 9.33 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.17 1.58 -68.28 N | 49.90 3.91 -4.51 N | 46.30 3.42 0.00 N |
| 74TH STREET_GT_2 24261 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.48 2.56 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.37 6.39 0.00 N | 75.51 7.36 0.00 N | 61.09 6.31 0.00 N | 56.28 5.75 0.00 N | 61.79 6.21 0.00 N | 73.02 7.44 0.00 N | 70.50 6.90 0.00 N | 75.01 7.41 0.00 N | 82.15 8.25 0.00 N | 156.40 16.10 0.00 N | 89.30 9.33 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.17 1.58 -68.28 N | 49.90 3.91 -4.51 N | 46.30 3.42 0.00 N |
| ADK HUDSON___FALLS 24011 | 39.23 1.56 0.00 N | 40.44 1.31 0.00 N | 34.25 0.86 0.00 N | 51.11 1.19 0.00 N | 38.05 1.04 0.00 N | 52.32 2.03 0.00 N | 74.89 4.05 0.00 N | 68.03 4.04 0.00 N | 73.48 5.33 0.00 N | 59.15 4.36 0.00 N | 54.45 3.92 0.00 N | 59.59 4.01 0.00 N | 70.65 5.07 0.00 N | 68.39 4.79 0.00 N | 72.60 5.00 0.00 N | 79.30 5.40 0.00 N | 151.79 11.49 0.00 N | 86.48 6.52 0.00 N | 100.06 7.01 0.00 N | 85.81 5.99 0.00 N | 61.90 4.29 0.00 N | 104.51 1.08 -89.12 N | 50.30 2.94 -5.88 N | 45.54 2.66 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 39.23 1.56 0.00 N | 40.44 1.31 0.00 N | 34.25 0.86 0.00 N | 51.11 1.19 0.00 N | 38.05 1.04 0.00 N | 52.32 2.03 0.00 N | 74.89 4.05 0.00 N | 68.03 4.04 0.00 N | 73.48 5.33 0.00 N | 59.15 4.36 0.00 N | 54.45 3.92 0.00 N | 59.59 4.01 0.00 N | 70.65 5.07 0.00 N | 68.39 4.79 0.00 N | 72.60 5.00 0.00 N | 79.30 5.40 0.00 N | 151.79 11.49 0.00 N | 86.48 6.52 0.00 N | 100.06 7.01 0.00 N | 85.81 5.99 0.00 N | 61.90 4.29 0.00 N | 104.51 1.08 -89.12 N | 50.30 2.94 -5.88 N | 45.54 2.66 0.00 N |
| ADK S GLENS___FALLS 24028 | 39.23 1.56 0.00 N | 40.44 1.31 0.00 N | 34.25 0.86 0.00 N | 51.11 1.19 0.00 N | 38.05 1.04 0.00 N | 52.32 2.03 0.00 N | 74.89 4.05 0.00 N | 68.03 4.04 0.00 N | 73.48 5.33 0.00 N | 59.15 4.36 0.00 N | 54.45 3.92 0.00 N | 59.59 4.01 0.00 N | 70.65 5.07 0.00 N | 68.39 4.79 0.00 N | 72.60 5.00 0.00 N | 79.30 5.40 0.00 N | 151.79 11.49 0.00 N | 86.48 6.52 0.00 N | 100.06 7.01 0.00 N | 85.81 5.99 0.00 N | 61.90 4.29 0.00 N | 104.51 1.08 -89.12 N | 50.30 2.94 -5.88 N | 45.54 2.66 0.00 N |
| ADK_NYS___DAM 23527 | 38.86 1.19 0.00 N | 40.26 1.13 0.00 N | 34.22 0.83 0.00 N | 51.02 1.09 0.00 N | 37.88 0.86 0.00 N | 51.99 1.70 0.00 N | 74.03 3.20 0.00 N | 66.96 2.97 0.00 N | 71.96 3.81 0.00 N | 58.10 3.32 0.00 N | 53.54 3.02 0.00 N | 58.67 3.09 0.00 N | 69.65 4.07 0.00 N | 67.51 3.90 0.00 N | 71.69 4.09 0.00 N | 78.22 4.32 0.00 N | 149.70 9.40 0.00 N | 84.92 4.96 0.00 N | 98.23 5.18 0.00 N | 84.43 4.61 0.00 N | 61.01 3.40 0.00 N | 101.89 0.83 -86.74 N | 49.65 2.44 -5.72 N | 44.90 2.02 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| ALBANY___1 23571 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| ALBANY___2 23572 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| ALBANY___3 | 38.62 | 40.05 | 34.16 | 51.00 | 37.83 | 51.51 | 72.67 | 65.56 | 70.05 | 56.63 | 52.22 | 57.22 | 67.69 | 65.93 | 69.89 | 76.11 | 145.08 | 82.63 | 95.80 | 82.26 | 59.46 | 101.27 | 49.44 | 44.93 |

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| 23573 | 0.95 0.00 N | 0.92 0.00 N | 0.77 0.00 N | 1.07 0.00 N | 0.82 0.00 N | 1.22 0.00 N | 1.84 0.00 N | 1.57 0.00 N | 1.90 0.00 N | 1.84 0.00 N | 1.70 0.00 N | 1.64 0.00 N | 2.11 0.00 N | 2.33 0.00 N | 2.29 0.00 N | 2.21 0.00 N | 4.78 0.00 N | 2.67 0.00 N | 2.75 0.00 N | 2.44 0.00 N | 1.85 0.00 N | 0.35 -86.61 N | 2.24 -5.72 N | 2.05 0.00 N |
| ALBANY____4 23574 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 38.05 0.38 0.00 N | 39.61 0.48 0.00 N | 33.75 0.36 0.00 N | 50.62 0.69 0.00 N | 37.44 0.43 0.00 N | 50.54 0.25 0.00 N | 70.76 -0.07 0.00 N | 62.98 -1.01 0.00 N | 66.81 -1.34 0.00 N | 53.58 -1.21 0.00 N | 49.42 -1.10 0.00 N | 54.48 -1.10 0.00 N | 64.56 -1.02 0.00 N | 62.79 -0.81 0.00 N | 66.74 -0.86 0.00 N | 72.70 -1.19 0.00 N | 137.05 -3.25 0.00 N | 77.61 -2.35 0.00 N | 90.38 -2.67 0.00 N | 77.55 -2.27 0.00 N | 56.09 -1.52 0.00 N | 14.06 -0.25 0.00 N | 40.91 -0.56 0.00 N | 42.90 0.02 0.00 N |
| ALLEGHENY____COGEN 23514 | 35.81 -1.86 0.00 N | 36.93 -2.20 0.00 N | 31.73 -1.66 0.00 N | 47.15 -2.78 0.00 N | 35.15 -1.86 0.00 N | 48.02 -2.27 0.00 N | 67.87 -2.96 0.00 N | 62.57 -1.42 0.00 N | 66.47 -1.68 0.00 N | 53.23 -1.56 0.00 N | 48.98 -1.55 0.00 N | 53.89 -1.69 0.00 N | 63.37 -2.21 0.00 N | 61.37 -2.24 0.00 N | 65.07 -2.53 0.00 N | 71.78 -2.12 0.00 N | 136.56 -3.74 0.00 N | 79.48 -0.49 0.00 N | 93.33 0.28 0.00 N | 79.54 -0.28 0.00 N | 56.99 -0.62 0.00 N | 25.68 -0.31 -11.67 N | 40.65 -1.60 -0.77 N | 40.89 -1.99 0.00 N |
| AMERICAN_REF_FUEL 24010 | 33.43 -4.25 0.00 N | 34.56 -4.57 0.00 N | 29.80 -3.59 0.00 N | 43.92 -6.00 0.00 N | 32.88 -4.13 0.00 N | 44.61 -5.68 0.00 N | 61.62 -9.22 0.00 N | 56.71 -7.28 0.00 N | 60.11 -8.04 0.00 N | 47.98 -6.81 0.00 N | 44.05 -6.47 0.00 N | 48.57 -7.01 0.00 N | 57.26 -8.33 0.00 N | 55.57 -8.03 0.00 N | 58.73 -8.87 0.00 N | 64.79 -9.10 0.00 N | 122.99 -17.31 0.00 N | 71.75 -8.22 0.00 N | 85.25 -7.80 0.00 N | 72.55 -7.27 0.00 N | 52.07 -5.54 0.00 N | 23.02 -1.59 -10.29 N | 37.24 -4.92 -0.68 N | 37.61 -5.26 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 39.97 2.30 0.00 N | 41.30 2.17 0.00 N | 35.19 1.80 0.00 N | 52.49 2.56 0.00 N | 38.98 1.97 0.00 N | 53.55 3.25 0.00 N | 76.20 5.37 0.00 N | 70.16 6.18 0.00 N | 75.14 6.99 0.00 N | 60.81 6.03 0.00 N | 56.01 5.49 0.00 N | 61.26 5.68 0.00 N | 72.57 6.99 0.00 N | 70.10 6.50 0.00 N | 74.64 7.04 0.00 N | 81.72 7.83 0.00 N | 155.04 14.74 0.00 N | 88.53 8.57 0.00 N | 103.06 10.01 0.00 N | 88.95 9.13 0.00 N | 64.02 6.41 0.00 N | 84.10 1.50 -68.28 N | 49.62 3.63 -4.51 N | 46.05 3.17 0.00 N |
| ARTHUR_KILL_2 23512 | 39.97 2.30 0.00 N | 41.30 2.17 0.00 N | 35.19 1.80 0.00 N | 52.49 2.56 0.00 N | 38.98 1.97 0.00 N | 53.55 3.25 0.00 N | 76.20 5.37 0.00 N | 70.16 6.18 0.00 N | 75.14 6.99 0.00 N | 60.81 6.03 0.00 N | 56.01 5.49 0.00 N | 61.26 5.68 0.00 N | 72.57 6.99 0.00 N | 70.10 6.50 0.00 N | 74.63 7.03 0.00 N | 81.70 7.80 0.00 N | 155.04 14.74 0.00 N | 88.52 8.56 0.00 N | 103.05 9.99 0.00 N | 88.94 9.12 0.00 N | 64.02 6.41 0.00 N | 84.10 1.50 -68.28 N | 49.62 3.63 -4.51 N | 46.05 3.17 0.00 N |
| ARTHUR_KILL_3 23513 | 39.89 2.22 0.00 N | 41.13 2.00 0.00 N | 35.02 1.64 0.00 N | 52.25 2.32 0.00 N | 38.91 1.90 0.00 N | 53.54 3.25 0.00 N | 76.33 5.50 0.00 N | 70.12 6.14 0.00 N | 75.24 7.09 0.00 N | 60.88 6.09 0.00 N | 56.07 5.55 0.00 N | 61.58 6.00 0.00 N | 72.74 7.15 0.00 N | 70.21 6.60 0.00 N | 74.70 7.10 0.00 N | 81.85 7.95 0.00 N | 155.84 15.54 0.00 N | 88.99 9.03 0.00 N | 103.09 10.04 0.00 N | 88.75 8.93 0.00 N | 63.92 6.30 0.00 N | 84.08 1.48 -68.28 N | 49.72 3.73 -4.51 N | 46.11 3.24 0.00 N |
| ASHOKAN____ 23654 | 40.10 2.43 0.00 N | 41.44 2.31 0.00 N | 35.35 1.96 0.00 N | 52.75 2.82 0.00 N | 39.25 2.24 0.00 N | 53.85 3.55 0.00 N | 76.50 5.67 0.00 N | 70.08 6.09 0.00 N | 75.94 7.79 0.00 N | 61.79 7.00 0.00 N | 56.29 5.77 0.00 N | 61.43 5.85 0.00 N | 72.68 7.09 0.00 N | 70.32 6.71 0.00 N | 74.73 7.13 0.00 N | 81.78 7.89 0.00 N | 155.72 15.41 0.00 N | 89.11 9.15 0.00 N | 103.42 10.37 0.00 N | 88.74 8.91 0.00 N | 64.01 6.39 0.00 N | 89.67 1.55 -73.81 N | 50.37 4.02 -4.87 N | 46.45 3.57 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT2_1 24094 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT2_2 24095 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT2_3 24096 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |

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| ASTORIA_GT2_4 24097 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT3_1 24098 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT3_2 24099 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT3_3 24100 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT3_4 24101 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT4_1 24102 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT4_2 24103 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT4_3 24104 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT4_4 24105 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N |
| ASTORIA_GT_1 23523 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N |
| ASTORIA_GT_10 24110 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N |
| ASTORIA_GT_11 24225 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N |
| ASTORIA_GT_12 24226 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N |
| ASTORIA_GT_13 24227 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N |

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|------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_5 24106 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N | |
| ASTORIA_GT_7 24107 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N | |
| ASTORIA_GT_8 24108 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N | |
| ASTORIA___2 24149 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.83 7.68 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.37 10.32 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N | |
| ASTORIA___3 23516 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N | |
| ASTORIA___4 23517 | 40.22 2.55 0.00 N | 41.56 2.43 0.00 N | 35.44 2.05 0.00 N | 52.83 2.90 0.00 N | 39.28 2.27 0.00 N | 53.96 3.66 0.00 N | 76.75 5.92 0.00 N | 70.70 6.71 0.00 N | 75.82 7.67 0.00 N | 61.40 6.62 0.00 N | 56.47 5.95 0.00 N | 61.82 6.24 0.00 N | 73.10 7.52 0.00 N | 70.57 6.97 0.00 N | 75.15 7.55 0.00 N | 82.26 8.36 0.00 N | 155.77 15.47 0.00 N | 88.94 8.98 0.00 N | 103.36 10.31 0.00 N | 89.17 9.35 0.00 N | 64.33 6.72 0.00 N | 84.28 1.69 -68.28 N | 50.10 4.11 -4.51 N | 46.54 3.66 0.00 N | |
| ASTORIA___5 23518 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.95 7.36 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.87 8.91 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.02 6.41 0.00 N | 84.15 1.56 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N | |
| ATHENS_STG_1 23668 | 39.05 1.37 0.00 N | 40.46 1.33 0.00 N | 34.56 1.17 0.00 N | 51.56 1.64 0.00 N | 38.30 1.29 0.00 N | 52.36 2.07 0.00 N | 74.01 3.18 0.00 N | 67.29 3.30 0.00 N | 72.01 3.86 0.00 N | 58.09 3.31 0.00 N | 53.56 3.04 0.00 N | 58.88 3.29 0.00 N | 69.59 4.00 0.00 N | 67.34 3.74 0.00 N | 71.58 3.98 0.00 N | 78.30 4.40 0.00 N | 148.84 8.54 0.00 N | 84.84 4.87 0.00 N | 98.44 5.39 0.00 N | 84.60 4.78 0.00 N | 61.14 3.52 0.00 N | 90.61 0.86 -75.44 N | 48.82 2.35 -4.98 N | 44.91 2.04 0.00 N | |
| ATHENS_STG_2 23670 | 39.05 1.37 0.00 N | 40.46 1.33 0.00 N | 34.56 1.17 0.00 N | 51.56 1.64 0.00 N | 38.30 1.29 0.00 N | 52.36 2.07 0.00 N | 74.01 3.18 0.00 N | 67.29 3.30 0.00 N | 72.01 3.86 0.00 N | 58.09 3.31 0.00 N | 53.56 3.04 0.00 N | 58.88 3.29 0.00 N | 69.59 4.00 0.00 N | 67.34 3.74 0.00 N | 71.58 3.98 0.00 N | 78.30 4.40 0.00 N | 148.84 8.54 0.00 N | 84.84 4.87 0.00 N | 98.44 5.39 0.00 N | 84.60 4.78 0.00 N | 61.14 3.52 0.00 N | 90.61 0.86 -75.44 N | 48.82 2.35 -4.98 N | 44.91 2.04 0.00 N | |
| ATHENS_STG_3 23677 | 39.05 1.37 0.00 N | 40.46 1.33 0.00 N | 34.56 1.17 0.00 N | 51.56 1.64 0.00 N | 38.30 1.29 0.00 N | 52.36 2.07 0.00 N | 74.01 3.18 0.00 N | 67.29 3.30 0.00 N | 72.01 3.86 0.00 N | 58.09 3.31 0.00 N | 53.56 3.04 0.00 N | 58.88 3.29 0.00 N | 69.59 4.00 0.00 N | 67.34 3.74 0.00 N | 71.58 3.98 0.00 N | 78.30 4.40 0.00 N | 148.84 8.54 0.00 N | 84.84 4.87 0.00 N | 98.44 5.39 0.00 N | 84.60 4.78 0.00 N | 61.14 3.52 0.00 N | 90.61 0.86 -75.44 N | 48.82 2.35 -4.98 N | 44.91 2.04 0.00 N | |
| BARRETT_IC_1 23704 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N | |
| BARRETT_IC_10 23701 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N | |
| BARRETT_IC_11 23702 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N | |
| BARRETT_IC_12 | 40.71 | 43.83 | 35.81 | 53.34 | 39.74 | 72.65 | 86.30 | 85.29 | 85.33 | 81.71 | 88.62 | 86.19 | 88.90 | 89.40 | 86.55 | 95.97 | 168.50 | 95.70 | 106.26 | 100.02 | 85.08 | 101.32 | 87.19 | 75.77 | |

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| 23703 | 3.04 0.00 N | 2.93 -1.77 N | 2.42 0.00 N | 3.42 0.00 N | 2.73 0.00 N | 4.50 -17.86 N | 6.87 -8.60 N | 7.58 -13.72 N | 8.61 -8.57 N | 7.37 -19.56 N | 6.69 -31.40 N | 7.09 -23.52 N | 8.41 -14.91 N | 7.75 -18.04 N | 8.38 -10.56 N | 9.21 -12.86 N | 17.98 -10.22 N | 10.15 -5.59 N | 11.62 -1.59 N | 10.34 -9.86 N | 7.53 -19.93 N | 1.97 -85.04 N | 4.64 -41.07 N | 4.30 -28.59 N |
| BARRETT_IC_2 23705 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_3 23706 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_4 23707 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_5 23708 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_6 23709 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_7 23710 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_8 23711 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT_IC_9 23700 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT___1 23545 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BARRETT___2 23546 | 40.71 3.04 0.00 N | 43.83 2.93 -1.77 N | 35.81 2.42 0.00 N | 53.34 3.42 0.00 N | 39.74 2.73 0.00 N | 72.65 4.50 -17.86 N | 86.30 6.87 -8.60 N | 85.29 7.58 -13.72 N | 85.33 8.61 -8.57 N | 81.71 7.37 -19.56 N | 88.62 6.69 -31.40 N | 86.19 7.09 -23.52 N | 88.90 8.41 -14.91 N | 89.40 7.75 -18.04 N | 86.55 8.38 -10.56 N | 95.97 9.21 -12.86 N | 168.50 17.98 -10.22 N | 95.70 10.15 -5.59 N | 106.26 11.62 -1.59 N | 100.02 10.34 -9.86 N | 85.08 7.53 -19.93 N | 101.32 1.97 -85.04 N | 87.19 4.64 -41.07 N | 75.77 4.30 -28.59 N |
| BEAVER RIVER___HYD 24048 | 36.26 -1.41 0.00 N | 37.54 -1.59 0.00 N | 32.01 -1.38 0.00 N | 47.88 -2.05 0.00 N | 35.53 -1.48 0.00 N | 48.45 -1.84 0.00 N | 68.65 -2.19 0.00 N | 62.15 -1.83 0.00 N | 66.22 -1.93 0.00 N | 53.21 -1.58 0.00 N | 49.06 -1.46 0.00 N | 53.97 -1.62 0.00 N | 63.71 -1.87 0.00 N | 61.78 -1.82 0.00 N | 65.55 -2.05 0.00 N | 71.65 -2.25 0.00 N | 136.05 -4.24 0.00 N | 77.90 -2.06 0.00 N | 90.73 -2.32 0.00 N | 77.62 -2.20 0.00 N | 55.85 -1.77 0.00 N | 13.89 -0.43 0.00 N | 39.91 -1.57 0.00 N | 41.21 -1.67 0.00 N |
| BEEBEE_GT_13 23619 | 35.18 -2.49 0.00 N | 36.34 -2.79 0.00 N | 31.17 -2.22 0.00 N | 46.27 -3.66 0.00 N | 34.60 -2.41 0.00 N | 47.36 -2.93 0.00 N | 66.79 -4.04 0.00 N | 61.33 -2.66 0.00 N | 64.98 -3.17 0.00 N | 52.26 -2.52 0.00 N | 48.23 -2.30 0.00 N | 53.09 -2.49 0.00 N | 62.38 -3.21 0.00 N | 60.49 -3.12 0.00 N | 63.93 -3.67 0.00 N | 70.40 -3.50 0.00 N | 134.40 -5.90 0.00 N | 78.13 -1.83 0.00 N | 91.66 -1.39 0.00 N | 77.98 -1.84 0.00 N | 55.90 -1.72 0.00 N | 21.94 -0.40 -8.03 N | 39.73 -2.28 -0.53 N | 40.12 -2.76 0.00 N |
| BETHLEHEM___GRP 23843 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| BETHLEHEM___GS1 323560 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| BETHLEHEM___GS2 323561 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| BETHLEHEM___GS3 323562 | 38.62 0.95 0.00 N | 40.05 0.92 0.00 N | 34.16 0.77 0.00 N | 51.00 1.07 0.00 N | 37.83 0.82 0.00 N | 51.51 1.22 0.00 N | 72.67 1.84 0.00 N | 65.56 1.57 0.00 N | 70.05 1.90 0.00 N | 56.63 1.84 0.00 N | 52.22 1.70 0.00 N | 57.22 1.64 0.00 N | 67.69 2.11 0.00 N | 65.93 2.33 0.00 N | 69.89 2.29 0.00 N | 76.11 2.21 0.00 N | 145.08 4.78 0.00 N | 82.63 2.67 0.00 N | 95.80 2.75 0.00 N | 82.26 2.44 0.00 N | 59.46 1.85 0.00 N | 101.27 0.35 -86.61 N | 49.44 2.24 -5.72 N | 44.93 2.05 0.00 N |
| BETHLEHEM___STEEL 23779 | 33.70 -3.97 0.00 N | 34.78 -4.35 0.00 N | 29.98 -3.41 0.00 N | 44.31 -5.61 0.00 N | 33.10 -3.91 0.00 N | 45.02 -5.27 0.00 N | 62.78 -8.05 0.00 N | 57.86 -6.12 0.00 N | 61.41 -6.74 0.00 N | 49.09 -5.69 0.00 N | 45.15 -5.38 0.00 N | 49.70 -5.88 0.00 N | 58.56 -7.02 0.00 N | 56.76 -6.84 0.00 N | 60.12 -7.48 0.00 N | 66.40 -7.50 0.00 N | 126.05 -14.25 0.00 N | 73.57 -6.39 0.00 N | 86.95 -6.10 0.00 N | 74.02 -5.80 0.00 N | 53.06 -4.56 0.00 N | 24.09 -1.39 -11.17 N | 37.89 -4.33 -0.74 N | 38.18 -4.69 0.00 N |
| BETHPAGE_CC_5 323564 | 40.75 3.08 0.00 N | 43.89 2.99 -1.77 N | 35.86 2.47 0.00 N | 53.43 3.51 0.00 N | 39.80 2.79 0.00 N | 72.74 4.59 -17.86 N | 86.33 6.91 -8.60 N | 85.47 7.76 -13.72 N | 85.55 8.83 -8.57 N | 81.88 7.53 -19.56 N | 88.73 6.81 -31.40 N | 86.48 7.38 -23.52 N | 89.16 8.67 -14.91 N | 89.60 7.95 -18.04 N | 86.83 8.67 -10.56 N | 96.21 9.45 -12.86 N | 168.77 18.25 -10.22 N | 95.70 10.15 -5.59 N | 106.31 11.66 -1.59 N | 100.11 10.43 -9.86 N | 85.04 7.49 -19.93 N | 101.36 2.01 -85.04 N | 87.08 4.54 -41.07 N | 75.71 4.24 -28.59 N |
| BINGHAMTON___COGEN 23790 | 36.87 -0.80 0.00 N | 38.17 -0.96 0.00 N | 32.69 -0.70 0.00 N | 48.81 -1.12 0.00 N | 36.21 -0.80 0.00 N | 49.42 -0.87 0.00 N | 70.15 -0.69 0.00 N | 64.07 0.08 0.00 N | 68.26 0.12 0.00 N | 54.83 0.04 0.00 N | 50.49 -0.03 0.00 N | 55.49 -0.09 0.00 N | 65.35 -0.24 0.00 N | 63.24 -0.37 0.00 N | 67.22 -0.38 0.00 N | 73.97 0.07 0.00 N | 140.34 0.05 0.00 N | 80.90 0.94 0.00 N | 94.18 1.13 0.00 N | 80.56 0.74 0.00 N | 57.96 0.34 0.00 N | 36.76 -0.02 -22.47 N | 42.59 -0.38 -1.48 N | 42.26 -0.62 0.00 N |
| BLACK RIVER___HYD 24047 | 35.78 -1.89 0.00 N | 36.97 -2.16 0.00 N | 31.52 -1.87 0.00 N | 47.14 -2.78 0.00 N | 35.01 -2.00 0.00 N | 47.82 -2.47 0.00 N | 68.00 -2.83 0.00 N | 61.86 -2.13 0.00 N | 65.95 -2.20 0.00 N | 52.98 -1.81 0.00 N | 48.86 -1.67 0.00 N | 53.75 -1.84 0.00 N | 63.35 -2.24 0.00 N | 61.39 -2.22 0.00 N | 65.12 -2.48 0.00 N | 71.18 -2.72 0.00 N | 135.46 -4.84 0.00 N | 77.75 -2.22 0.00 N | 90.54 -2.51 0.00 N | 77.37 -2.45 0.00 N | 55.60 -2.02 0.00 N | 16.07 -0.50 -2.26 N | 39.67 -1.96 -0.15 N | 40.68 -2.19 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 38.62 0.95 0.00 N | 40.08 0.95 0.00 N | 34.21 0.82 0.00 N | 51.06 1.13 0.00 N | 37.90 0.90 0.00 N | 51.70 1.41 0.00 N | 72.71 1.88 0.00 N | 65.88 1.90 0.00 N | 70.45 2.30 0.00 N | 56.86 2.07 0.00 N | 52.42 1.89 0.00 N | 57.59 2.00 0.00 N | 68.06 2.48 0.00 N | 65.97 2.36 0.00 N | 70.08 2.47 0.00 N | 76.55 2.65 0.00 N | 145.64 5.34 0.00 N | 82.99 3.02 0.00 N | 96.28 3.23 0.00 N | 82.68 2.86 0.00 N | 59.77 2.16 0.00 N | 100.55 0.50 -85.73 N | 48.78 1.65 -5.66 N | 44.31 1.43 0.00 N |
| BOC_GAS_DRP 24189 | 38.63 0.96 0.00 N | 40.09 0.96 0.00 N | 34.23 0.85 0.00 N | 51.10 1.18 0.00 N | 37.91 0.90 0.00 N | 51.71 1.42 0.00 N | 72.87 2.05 0.00 N | 65.94 1.95 0.00 N | 70.47 2.33 0.00 N | 56.87 2.09 0.00 N | 52.42 1.90 0.00 N | 57.59 2.00 0.00 N | 68.07 2.49 0.00 N | 66.02 2.42 0.00 N | 70.11 2.51 0.00 N | 76.58 2.69 0.00 N | 145.65 5.35 0.00 N | 82.94 2.97 0.00 N | 96.24 3.19 0.00 N | 82.67 2.85 0.00 N | 59.77 2.15 0.00 N | 101.30 0.50 -86.49 N | 48.93 1.75 -5.71 N | 44.42 1.54 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 38.86 1.19 0.00 N | 40.26 1.13 0.00 N | 34.22 0.83 0.00 N | 51.02 1.09 0.00 N | 37.88 0.86 0.00 N | 51.99 1.70 0.00 N | 74.03 3.20 0.00 N | 66.96 2.97 0.00 N | 71.96 3.81 0.00 N | 58.10 3.32 0.00 N | 53.54 3.02 0.00 N | 58.67 3.09 0.00 N | 69.65 4.07 0.00 N | 67.51 3.90 0.00 N | 71.69 4.09 0.00 N | 78.22 4.32 0.00 N | 149.70 9.40 0.00 N | 84.92 4.96 0.00 N | 98.23 5.18 0.00 N | 84.43 4.61 0.00 N | 61.01 3.40 0.00 N | 101.89 0.83 -86.74 N | 49.65 2.44 -5.72 N | 44.90 2.02 0.00 N |
| BOWLINE___1 23526 | 39.61 1.94 0.00 N | 40.92 1.79 0.00 N | 34.87 1.49 0.00 N | 52.06 2.14 0.00 N | 38.74 1.73 0.00 N | 53.25 2.95 0.00 N | 75.81 4.98 0.00 N | 69.60 5.62 0.00 N | 74.62 6.47 0.00 N | 60.29 5.51 0.00 N | 55.52 5.00 0.00 N | 60.96 5.38 0.00 N | 72.00 6.42 0.00 N | 69.52 5.92 0.00 N | 73.94 6.33 0.00 N | 81.02 7.13 0.00 N | 154.24 13.94 0.00 N | 88.24 8.27 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.45 5.83 0.00 N | 82.38 1.41 -66.65 N | 49.28 3.40 -4.40 N | 45.81 2.93 0.00 N |
| BOWLINE___2 23595 | 39.62 1.95 0.00 N | 40.92 1.79 0.00 N | 34.88 1.49 0.00 N | 52.06 2.14 0.00 N | 38.76 1.75 0.00 N | 53.25 2.95 0.00 N | 75.81 4.99 0.00 N | 69.61 5.62 0.00 N | 74.62 6.47 0.00 N | 60.29 5.51 0.00 N | 55.53 5.01 0.00 N | 60.96 5.38 0.00 N | 72.00 6.42 0.00 N | 69.53 5.93 0.00 N | 73.94 6.33 0.00 N | 81.02 7.13 0.00 N | 154.24 13.94 0.00 N | 88.24 8.27 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.46 5.84 0.00 N | 82.38 1.41 -66.65 N | 49.29 3.41 -4.40 N | 45.81 2.93 0.00 N |
| BROOKHAVEN___DRP 24191 | 41.06 3.39 0.00 N | 44.31 3.41 -1.77 N | 36.20 2.81 0.00 N | 53.93 4.00 0.00 N | 40.21 3.20 0.00 N | 73.44 5.28 -17.86 N | 86.60 7.18 -8.60 N | 85.39 7.68 -13.72 N | 85.18 8.46 -8.57 N | 81.53 7.19 -19.56 N | 88.35 6.43 -31.40 N | 86.19 7.09 -23.52 N | 88.54 8.04 -14.91 N | 88.89 7.24 -18.04 N | 86.16 8.00 -10.56 N | 95.39 8.63 -12.86 N | 167.27 16.75 -10.22 N | 94.54 8.98 -5.59 N | 105.11 10.47 -1.59 N | 99.19 9.51 -9.86 N | 84.74 7.20 -19.93 N | 101.37 2.01 -85.04 N | 87.08 4.54 -41.07 N | 75.81 4.34 -28.59 N |
| BROOKLYN_NAVY_YARD 23515 | 39.93 2.26 0.00 N | 41.16 2.03 0.00 N | 35.05 1.67 0.00 N | 52.30 2.37 0.00 N | 38.94 1.93 0.00 N | 53.59 3.30 0.00 N | 76.40 5.58 0.00 N | 70.18 6.20 0.00 N | 75.31 7.16 0.00 N | 60.94 6.15 0.00 N | 56.07 5.55 0.00 N | 61.59 6.01 0.00 N | 72.78 7.20 0.00 N | 70.29 6.68 0.00 N | 74.80 7.20 0.00 N | 81.92 8.02 0.00 N | 155.87 15.57 0.00 N | 88.99 9.03 0.00 N | 103.14 10.09 0.00 N | 88.74 8.92 0.00 N | 63.95 6.34 0.00 N | 84.12 1.52 -68.28 N | 49.77 3.79 -4.51 N | 46.18 3.30 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| BURROWS___LYONSDAL 23803 | 37.32 -0.35 0.00 N | 38.65 -0.47 0.00 N | 32.96 -0.43 0.00 N | 49.28 -0.65 0.00 N | 36.57 -0.44 0.00 N | 49.90 -0.39 0.00 N | 70.70 -0.13 0.00 N | 64.19 0.21 0.00 N | 68.45 0.29 0.00 N | 55.01 0.23 0.00 N | 50.73 0.20 0.00 N | 55.80 0.22 0.00 N | 65.84 0.25 0.00 N | 63.77 0.17 0.00 N | 67.73 0.12 0.00 N | 74.11 0.21 0.00 N | 140.91 0.61 0.00 N | 80.67 0.71 0.00 N | 93.89 0.84 0.00 N | 80.39 0.57 0.00 N | 57.87 0.25 0.00 N | 14.36 0.05 0.00 N | 41.31 -0.17 0.00 N | 42.56 -0.32 0.00 N | |
| CALPINE_BETH_PAGE_GT4 24209 | 40.82 3.15 0.00 N | 43.94 3.03 -1.77 N | 35.89 2.51 0.00 N | 53.50 3.57 0.00 N | 39.85 2.84 0.00 N | 72.83 4.68 -17.86 N | 86.47 7.04 -8.60 N | 85.53 7.82 -13.72 N | 85.62 8.90 -8.57 N | 81.94 7.59 -19.56 N | 88.80 6.87 -31.40 N | 86.54 7.44 -23.52 N | 89.25 8.76 -14.91 N | 89.69 8.04 -18.04 N | 86.92 8.77 -10.56 N | 96.33 9.56 -12.86 N | 169.04 18.51 -10.22 N | 95.88 10.33 -5.59 N | 106.51 11.87 -1.59 N | 100.26 10.59 -9.86 N | 85.20 7.65 -19.93 N | 101.39 2.03 -85.04 N | 87.20 4.65 -41.07 N | 75.79 4.33 -28.59 N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 40.82 3.15 0.00 N | 43.94 3.03 -1.77 N | 35.89 2.51 0.00 N | 53.50 3.57 0.00 N | 39.85 2.84 0.00 N | 72.83 4.68 -17.86 N | 86.47 7.04 -8.60 N | 85.53 7.82 -13.72 N | 85.62 8.90 -8.57 N | 81.94 7.59 -19.56 N | 88.80 6.87 -31.40 N | 86.54 7.44 -23.52 N | 89.25 8.76 -14.91 N | 89.69 8.04 -18.04 N | 86.92 8.77 -10.56 N | 96.33 9.56 -12.86 N | 169.04 18.51 -10.22 N | 95.88 10.33 -5.59 N | 106.51 11.87 -1.59 N | 100.26 10.59 -9.86 N | 85.20 7.65 -19.93 N | 101.39 2.03 -85.04 N | 87.20 4.65 -41.07 N | 75.79 4.33 -28.59 N | |
| CALPINE_BP_GT1 23823 | 40.82 3.15 0.00 N | 43.94 3.03 -1.77 N | 35.89 2.51 0.00 N | 53.50 3.57 0.00 N | 39.85 2.84 0.00 N | 72.83 4.68 -17.86 N | 86.47 7.04 -8.60 N | 85.53 7.82 -13.72 N | 85.62 8.90 -8.57 N | 81.94 7.59 -19.56 N | 88.80 6.87 -31.40 N | 86.54 7.44 -23.52 N | 89.25 8.76 -14.91 N | 89.69 8.04 -18.04 N | 86.92 8.77 -10.56 N | 96.33 9.56 -12.86 N | 169.04 18.51 -10.22 N | 95.88 10.33 -5.59 N | 106.51 11.87 -1.59 N | 100.26 10.59 -9.86 N | 85.20 7.65 -19.93 N | 101.39 2.03 -85.04 N | 87.20 4.65 -41.07 N | 75.79 4.33 -28.59 N | |
| CALSPAN___DRP 24200 | 33.70 -3.97 0.00 N | 34.78 -4.35 0.00 N | 29.98 -3.41 0.00 N | 44.31 -5.61 0.00 N | 33.10 -3.91 0.00 N | 45.02 -5.27 0.00 N | 62.78 -8.05 0.00 N | 57.86 -6.12 0.00 N | 61.41 -6.74 0.00 N | 49.09 -5.69 0.00 N | 45.15 -5.38 0.00 N | 49.70 -5.88 0.00 N | 58.56 -7.02 0.00 N | 56.76 -6.84 0.00 N | 60.12 -7.48 0.00 N | 66.40 -7.50 0.00 N | 126.05 -14.25 0.00 N | 73.57 -6.39 0.00 N | 86.95 -6.10 0.00 N | 74.02 -5.80 0.00 N | 53.06 -4.56 0.00 N | 24.09 -1.39 -11.17 N | 37.89 -4.33 -0.74 N | 38.18 -4.69 0.00 N | |
| CARR STREET_E__SYR 24060 | 36.72 -0.95 0.00 N | 38.03 -1.10 0.00 N | 32.51 -0.88 0.00 N | 48.52 -1.41 0.00 N | 35.99 -1.02 0.00 N | 48.99 -1.30 0.00 N | 69.28 -1.55 0.00 N | 63.11 -0.88 0.00 N | 67.23 -0.92 0.00 N | 54.00 -0.79 0.00 N | 49.77 -0.76 0.00 N | 54.77 -0.82 0.00 N | 64.48 -1.11 0.00 N | 62.44 -1.17 0.00 N | 66.31 -1.29 0.00 N | 72.66 -1.24 0.00 N | 138.06 -2.24 0.00 N | 79.25 -0.71 0.00 N | 92.46 -0.59 0.00 N | 79.10 -0.72 0.00 N | 56.93 -0.68 0.00 N | 19.47 -0.24 -5.40 N | 40.90 -0.93 -0.36 N | 41.70 -1.18 0.00 N | |
| CARTHAGE___PAPER 23857 | 35.98 -1.69 0.00 N | 37.22 -1.91 0.00 N | 31.72 -1.67 0.00 N | 47.46 -2.47 0.00 N | 35.23 -1.78 0.00 N | 48.08 -2.21 0.00 N | 68.27 -2.56 0.00 N | 61.97 -2.01 0.00 N | 66.05 -2.10 0.00 N | 53.06 -1.73 0.00 N | 48.95 -1.58 0.00 N | 53.83 -1.75 0.00 N | 63.49 -2.10 0.00 N | 61.53 -2.07 0.00 N | 65.31 -2.30 0.00 N | 71.35 -2.54 0.00 N | 135.66 -4.64 0.00 N | 77.80 -2.17 0.00 N | 90.56 -2.49 0.00 N | 77.45 -2.38 0.00 N | 55.69 -1.93 0.00 N | 15.86 -0.47 -2.01 N | 39.81 -1.80 -0.13 N | 40.90 -1.97 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 39.83 2.16 0.00 N | 41.12 1.99 0.00 N | 35.04 1.65 0.00 N | 52.28 2.35 0.00 N | 38.91 1.90 0.00 N | 53.49 3.19 0.00 N | 76.16 5.33 0.00 N | 69.87 5.89 0.00 N | 74.94 6.79 0.00 N | 60.58 5.79 0.00 N | 55.81 5.28 0.00 N | 61.29 5.71 0.00 N | 72.39 6.81 0.00 N | 69.92 6.31 0.00 N | 74.37 6.77 0.00 N | 81.48 7.58 0.00 N | 155.08 14.79 0.00 N | 88.60 8.64 0.00 N | 102.77 9.72 0.00 N | 88.38 8.56 0.00 N | 63.69 6.08 0.00 N | 83.94 1.47 -68.16 N | 49.60 3.62 -4.50 N | 46.03 3.15 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 39.73 2.06 0.00 N | 41.04 1.91 0.00 N | 34.98 1.59 0.00 N | 52.18 2.25 0.00 N | 38.84 1.83 0.00 N | 53.36 3.07 0.00 N | 75.97 5.14 0.00 N | 69.69 5.71 0.00 N | 74.73 6.58 0.00 N | 60.41 5.62 0.00 N | 55.64 5.12 0.00 N | 61.10 5.52 0.00 N | 72.18 6.60 0.00 N | 69.70 6.10 0.00 N | 74.14 6.54 0.00 N | 81.21 7.31 0.00 N | 154.65 14.34 0.00 N | 88.35 8.39 0.00 N | 102.51 9.46 0.00 N | 88.16 8.34 0.00 N | 63.53 5.91 0.00 N | 83.66 1.43 -67.91 N | 49.48 3.52 -4.48 N | 45.93 3.05 0.00 N | |
| CE_NYC2_DRP 24202 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.58 5.74 0.00 N | 70.47 6.48 0.00 N | 75.58 7.43 0.00 N | 61.18 6.39 0.00 N | 56.34 5.81 0.00 N | 61.74 6.16 0.00 N | 73.00 7.41 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.17 8.27 0.00 N | 156.01 15.71 0.00 N | 88.98 9.01 0.00 N | 103.19 10.14 0.00 N | 88.91 9.09 0.00 N | 64.08 6.46 0.00 N | 84.19 1.59 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N | |
| CE_NYC_DRP 24195 | 40.03 2.36 0.00 N | 41.27 2.14 0.00 N | 35.15 1.77 0.00 N | 52.45 2.52 0.00 N | 39.05 2.04 0.00 N | 53.74 3.45 0.00 N | 76.62 5.79 0.00 N | 70.35 6.36 0.00 N | 75.51 7.36 0.00 N | 61.12 6.33 0.00 N | 56.29 5.76 0.00 N | 61.84 6.26 0.00 N | 73.05 7.47 0.00 N | 70.52 6.92 0.00 N | 75.03 7.43 0.00 N | 82.20 8.30 0.00 N | 156.43 16.13 0.00 N | 89.31 9.35 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.16 1.56 -68.28 N | 49.89 3.90 -4.51 N | 46.29 3.41 0.00 N | |
| CHAT_HIGH_FALL_HYD 323578 | 37.67 0.00 0.00 N | 39.34 0.21 0.00 N | 33.53 0.14 0.00 N | 50.26 0.33 0.00 N | 37.19 0.18 0.00 N | 50.19 -0.10 0.00 N | 70.25 -0.58 0.00 N | 62.57 -1.41 0.00 N | 66.40 -1.75 0.00 N | 53.27 -1.52 0.00 N | 49.13 -1.40 0.00 N | 54.09 -1.50 0.00 N | 64.00 -1.58 0.00 N | 62.24 -1.37 0.00 N | 66.18 -1.42 0.00 N | 72.10 -1.79 0.00 N | 136.79 -3.51 0.00 N | 77.36 -2.61 0.00 N | 89.95 -3.10 0.00 N | 77.05 -2.77 0.00 N | 55.71 -1.90 0.00 N | 13.93 -0.38 0.00 N | 40.53 -0.95 0.00 N | 42.44 -0.44 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 39.69 2.02 0.00 N | 41.02 1.89 0.00 N | 34.99 1.61 0.00 N | 52.19 2.26 0.00 N | 38.83 1.82 0.00 N | 53.30 3.01 0.00 N | 75.83 5.00 0.00 N | 69.39 5.41 0.00 N | 74.36 6.21 0.00 N | 60.08 5.29 0.00 N | 55.38 4.85 0.00 N | 60.85 5.26 0.00 N | 71.89 6.31 0.00 N | 69.47 5.86 0.00 N | 73.88 6.28 0.00 N | 80.91 7.01 0.00 N | 154.07 13.77 0.00 N | 87.97 8.00 0.00 N | 102.02 8.97 0.00 N | 87.73 7.91 0.00 N | 63.26 5.65 0.00 N | 87.87 1.38 -72.18 N | 49.65 3.41 -4.76 N | 45.82 2.94 0.00 N | |
| CH_MISC_IPPS | 39.37 | 40.65 | 34.75 | 51.78 | 38.57 | 52.89 | 75.21 | 68.77 | 73.65 | 59.49 | 54.85 | 60.28 | 71.20 | 68.78 | 73.15 | 80.15 | 152.55 | 87.18 | 101.16 | 86.96 | 62.71 | 85.20 | 49.02 | 45.31 | |

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| 23765 | 1.69 0.00 N | 1.51 0.00 N | 1.36 0.00 N | 1.85 0.00 N | 1.56 0.00 N | 2.59 0.00 N | 4.38 0.00 N | 4.78 0.00 N | 5.50 0.00 N | 4.70 0.00 N | 4.33 0.00 N | 4.70 0.00 N | 5.62 0.00 N | 5.18 0.00 N | 5.55 0.00 N | 6.25 0.00 N | 12.25 0.00 N | 7.22 0.00 N | 8.11 0.00 N | 7.15 0.00 N | 5.09 0.00 N | 1.22 -69.67 N | 2.94 -4.60 N | 2.43 0.00 N |
| CH_RES_BVR_FALLS 23983 | 37.53 -0.14 0.00 N | 39.02 -0.11 0.00 N | 33.28 -0.10 0.00 N | 49.79 -0.13 0.00 N | 36.89 -0.12 0.00 N | 50.05 -0.24 0.00 N | 70.45 -0.38 0.00 N | 63.53 -0.45 0.00 N | 67.63 -0.52 0.00 N | 54.36 -0.43 0.00 N | 50.20 -0.33 0.00 N | 55.27 -0.32 0.00 N | 65.26 -0.33 0.00 N | 63.19 -0.41 0.00 N | 67.12 -0.48 0.00 N | 73.36 -0.54 0.00 N | 139.31 -0.98 0.00 N | 79.15 -0.82 0.00 N | 92.13 -0.92 0.00 N | 79.02 -0.80 0.00 N | 56.90 -0.72 0.00 N | 10.64 -0.15 3.52 N | 41.00 -0.25 0.23 N | 42.75 -0.13 0.00 N |
| CH_RES_NIAGARA 23895 | 33.52 -4.15 0.00 N | 34.66 -4.47 0.00 N | 29.87 -3.51 0.00 N | 44.02 -5.90 0.00 N | 32.96 -4.05 0.00 N | 44.73 -5.56 0.00 N | 61.73 -9.10 0.00 N | 56.82 -7.17 0.00 N | 60.23 -7.92 0.00 N | 48.10 -6.68 0.00 N | 44.20 -6.32 0.00 N | 48.72 -6.86 0.00 N | 57.44 -8.14 0.00 N | 55.77 -7.84 0.00 N | 58.92 -8.68 0.00 N | 64.94 -8.96 0.00 N | 123.30 -17.00 0.00 N | 71.89 -8.08 0.00 N | 85.43 -7.62 0.00 N | 72.70 -7.12 0.00 N | 52.19 -5.43 0.00 N | 22.79 -1.56 -10.04 N | 37.29 -4.85 -0.66 N | 37.70 -5.18 0.00 N |
| CH_RES_SYRACUSE 23985 | 36.87 -0.81 0.00 N | 38.18 -0.95 0.00 N | 32.63 -0.75 0.00 N | 48.71 -1.21 0.00 N | 36.16 -0.85 0.00 N | 49.29 -1.00 0.00 N | 69.73 -1.10 0.00 N | 63.51 -0.48 0.00 N | 67.67 -0.48 0.00 N | 54.33 -0.45 0.00 N | 50.07 -0.45 0.00 N | 55.09 -0.49 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.80 0.00 N | 66.69 -0.91 0.00 N | 73.07 -0.83 0.00 N | 138.85 -1.45 0.00 N | 79.72 -0.24 0.00 N | 92.97 -0.08 0.00 N | 79.54 -0.28 0.00 N | 57.27 -0.34 0.00 N | 20.46 -0.12 -6.28 N | 41.18 -0.71 -0.41 N | 41.93 -0.95 0.00 N |
| COLONIE_LFGE__ 323577 | 38.81 1.13 0.00 N | 40.20 1.06 0.00 N | 34.21 0.82 0.00 N | 51.04 1.12 0.00 N | 37.90 0.89 0.00 N | 51.87 1.58 0.00 N | 73.68 2.85 0.00 N | 66.69 2.70 0.00 N | 71.54 3.39 0.00 N | 57.76 2.97 0.00 N | 53.22 2.70 0.00 N | 58.33 2.75 0.00 N | 69.13 3.55 0.00 N | 67.06 3.45 0.00 N | 71.18 3.58 0.00 N | 77.66 3.76 0.00 N | 148.41 8.11 0.00 N | 84.43 4.47 0.00 N | 97.79 4.73 0.00 N | 83.95 4.13 0.00 N | 60.64 3.02 0.00 N | 102.28 0.73 -87.24 N | 49.62 2.38 -5.76 N | 44.93 2.05 0.00 N |
| CORNELL____ 23752 | 34.99 -2.68 0.00 N | 35.98 -3.15 0.00 N | 30.97 -2.42 0.00 N | 46.06 -3.87 0.00 N | 34.14 -2.87 0.00 N | 46.81 -3.49 0.00 N | 66.87 -3.96 0.00 N | 61.46 -2.52 0.00 N | 65.46 -2.69 0.00 N | 52.56 -2.22 0.00 N | 48.47 -2.06 0.00 N | 53.37 -2.21 0.00 N | 62.75 -2.83 0.00 N | 60.76 -2.85 0.00 N | 64.48 -3.13 0.00 N | 70.87 -3.03 0.00 N | 135.09 -5.21 0.00 N | 78.28 -1.68 0.00 N | 91.38 -1.67 0.00 N | 77.91 -1.91 0.00 N | 55.91 -1.71 0.00 N | 26.87 -0.62 -13.18 N | 40.17 -2.18 -0.87 N | 40.13 -2.75 0.00 N |
| COXSACKIE___GT 23611 | 39.97 2.30 0.00 N | 41.36 2.23 0.00 N | 35.29 1.90 0.00 N | 52.66 2.74 0.00 N | 39.14 2.13 0.00 N | 53.64 3.35 0.00 N | 76.06 5.23 0.00 N | 69.29 5.31 0.00 N | 76.03 7.88 0.00 N | 62.39 7.61 0.00 N | 56.02 5.50 0.00 N | 60.59 5.01 0.00 N | 71.71 6.12 0.00 N | 69.48 5.87 0.00 N | 73.81 6.21 0.00 N | 80.73 6.83 0.00 N | 153.78 13.47 0.00 N | 87.96 8.00 0.00 N | 102.08 9.03 0.00 N | 87.58 7.76 0.00 N | 63.19 5.57 0.00 N | 92.11 1.36 -76.44 N | 50.22 3.69 -5.05 N | 46.21 3.34 0.00 N |
| CRESCENT___HYD 24018 | 38.81 1.13 0.00 N | 40.20 1.06 0.00 N | 34.21 0.82 0.00 N | 51.04 1.12 0.00 N | 37.90 0.89 0.00 N | 51.87 1.58 0.00 N | 73.68 2.85 0.00 N | 66.69 2.70 0.00 N | 71.54 3.39 0.00 N | 57.76 2.97 0.00 N | 53.22 2.70 0.00 N | 58.33 2.75 0.00 N | 69.13 3.55 0.00 N | 67.06 3.45 0.00 N | 71.18 3.58 0.00 N | 77.66 3.76 0.00 N | 148.41 8.11 0.00 N | 84.43 4.47 0.00 N | 97.79 4.73 0.00 N | 83.95 4.13 0.00 N | 60.64 3.02 0.00 N | 102.28 0.73 -87.24 N | 49.62 2.38 -5.76 N | 44.93 2.05 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 36.87 -0.81 0.00 N | 38.18 -0.95 0.00 N | 32.63 -0.75 0.00 N | 48.71 -1.21 0.00 N | 36.16 -0.85 0.00 N | 49.29 -1.00 0.00 N | 69.73 -1.10 0.00 N | 63.51 -0.48 0.00 N | 67.67 -0.48 0.00 N | 54.33 -0.45 0.00 N | 50.07 -0.45 0.00 N | 55.09 -0.49 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.80 0.00 N | 66.69 -0.91 0.00 N | 73.07 -0.83 0.00 N | 138.85 -1.45 0.00 N | 79.72 -0.24 0.00 N | 92.97 -0.08 0.00 N | 79.54 -0.28 0.00 N | 57.27 -0.34 0.00 N | 20.46 -0.12 -6.28 N | 41.18 -0.71 -0.41 N | 41.93 -0.95 0.00 N |
| DANSKAMMER___1 23586 | 39.37 1.69 0.00 N | 40.65 1.51 0.00 N | 34.75 1.36 0.00 N | 51.78 1.85 0.00 N | 38.57 1.56 0.00 N | 52.89 2.59 0.00 N | 75.21 4.38 0.00 N | 68.77 4.78 0.00 N | 73.65 5.50 0.00 N | 59.49 4.70 0.00 N | 54.85 4.33 0.00 N | 60.28 4.70 0.00 N | 71.20 5.62 0.00 N | 68.78 5.18 0.00 N | 73.15 5.55 0.00 N | 80.15 6.25 0.00 N | 152.55 12.25 0.00 N | 87.18 7.22 0.00 N | 101.16 8.11 0.00 N | 86.96 7.15 0.00 N | 62.71 5.09 0.00 N | 85.20 1.22 -69.67 N | 49.02 2.94 -4.60 N | 45.31 2.43 0.00 N |
| DANSKAMMER___2 23589 | 39.37 1.69 0.00 N | 40.65 1.51 0.00 N | 34.75 1.36 0.00 N | 51.78 1.85 0.00 N | 38.57 1.56 0.00 N | 52.89 2.59 0.00 N | 75.21 4.38 0.00 N | 68.77 4.78 0.00 N | 73.65 5.50 0.00 N | 59.49 4.70 0.00 N | 54.85 4.33 0.00 N | 60.28 4.70 0.00 N | 71.20 5.62 0.00 N | 68.78 5.18 0.00 N | 73.15 5.55 0.00 N | 80.15 6.25 0.00 N | 152.55 12.25 0.00 N | 87.18 7.22 0.00 N | 101.16 8.11 0.00 N | 86.96 7.15 0.00 N | 62.71 5.09 0.00 N | 85.20 1.22 -69.67 N | 49.02 2.94 -4.60 N | 45.31 2.43 0.00 N |
| DANSKAMMER___3 23590 | 39.37 1.69 0.00 N | 40.65 1.51 0.00 N | 34.75 1.36 0.00 N | 51.78 1.85 0.00 N | 38.57 1.56 0.00 N | 52.89 2.59 0.00 N | 75.21 4.38 0.00 N | 68.77 4.78 0.00 N | 73.65 5.50 0.00 N | 59.49 4.70 0.00 N | 54.85 4.33 0.00 N | 60.28 4.70 0.00 N | 71.20 5.62 0.00 N | 68.78 5.18 0.00 N | 73.15 5.55 0.00 N | 80.15 6.25 0.00 N | 152.55 12.25 0.00 N | 87.18 7.22 0.00 N | 101.16 8.11 0.00 N | 86.96 7.15 0.00 N | 62.71 5.09 0.00 N | 85.20 1.22 -69.67 N | 49.02 2.94 -4.60 N | 45.31 2.43 0.00 N |
| DANSKAMMER___4 23591 | 39.37 1.69 0.00 N | 40.65 1.51 0.00 N | 34.75 1.36 0.00 N | 51.78 1.85 0.00 N | 38.57 1.56 0.00 N | 52.89 2.59 0.00 N | 75.21 4.38 0.00 N | 68.77 4.78 0.00 N | 73.65 5.50 0.00 N | 59.49 4.70 0.00 N | 54.85 4.33 0.00 N | 60.28 4.70 0.00 N | 71.20 5.62 0.00 N | 68.78 5.18 0.00 N | 73.15 5.55 0.00 N | 80.15 6.25 0.00 N | 152.55 12.25 0.00 N | 87.18 7.22 0.00 N | 101.16 8.11 0.00 N | 86.96 7.15 0.00 N | 62.71 5.09 0.00 N | 85.20 1.22 -69.67 N | 49.02 2.94 -4.60 N | 45.31 2.43 0.00 N |
| DANSKAMMER___DIESEL 23592 | 39.37 1.69 0.00 N | 40.65 1.51 0.00 N | 34.75 1.36 0.00 N | 51.78 1.85 0.00 N | 38.57 1.56 0.00 N | 52.89 2.59 0.00 N | 75.21 4.38 0.00 N | 68.77 4.78 0.00 N | 73.65 5.50 0.00 N | 59.49 4.70 0.00 N | 54.85 4.33 0.00 N | 60.28 4.70 0.00 N | 71.20 5.62 0.00 N | 68.78 5.18 0.00 N | 73.15 5.55 0.00 N | 80.15 6.25 0.00 N | 152.55 12.25 0.00 N | 87.18 7.22 0.00 N | 101.16 8.11 0.00 N | 86.96 7.15 0.00 N | 62.71 5.09 0.00 N | 85.20 1.22 -69.67 N | 49.02 2.94 -4.60 N | 45.31 2.43 0.00 N |

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|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|
| DASHVILLE___HYD 23610 | 39.66 1.98 0.00 N | 40.95 1.82 0.00 N | 34.97 1.58 0.00 N | 52.15 2.23 0.00 N | 38.82 1.81 0.00 N | 53.31 3.02 0.00 N | 75.89 5.06 0.00 N | 69.56 5.57 0.00 N | 74.15 6.00 0.00 N | 59.66 4.87 0.00 N | 55.32 4.80 0.00 N | 61.02 5.43 0.00 N | 72.07 6.49 0.00 N | 69.59 5.99 0.00 N | 74.04 6.44 0.00 N | 81.12 7.22 0.00 N | 154.38 14.08 0.00 N | 88.24 8.28 0.00 N | 102.41 9.36 0.00 N | 88.04 8.22 0.00 N | 63.48 5.86 0.00 N | 86.04 1.43 -70.29 N | 49.52 3.40 -4.64 N | 45.78 2.90 0.00 N |
| DOGLEVILLE___HYD 23807 | 39.37 1.70 0.00 N | 40.67 1.54 0.00 N | 34.70 1.31 0.00 N | 51.72 1.79 0.00 N | 38.42 1.41 0.00 N | 52.71 2.42 0.00 N | 74.95 4.12 0.00 N | 68.15 4.16 0.00 N | 72.94 4.79 0.00 N | 58.92 4.13 0.00 N | 54.34 3.82 0.00 N | 59.67 4.09 0.00 N | 70.49 4.91 0.00 N | 68.25 4.65 0.00 N | 72.57 4.97 0.00 N | 79.40 5.49 0.00 N | 151.48 11.18 0.00 N | 86.63 6.66 0.00 N | 100.18 7.13 0.00 N | 86.05 6.23 0.00 N | 61.93 4.31 0.00 N | 13.77 1.09 1.63 N | 44.34 2.96 0.11 N | 45.46 2.58 0.00 N |
| DUNKIRK___1 23563 | 32.58 -5.10 0.00 N | 33.53 -5.60 0.00 N | 28.92 -4.47 0.00 N | 42.89 -7.03 0.00 N | 31.95 -5.06 0.00 N | 43.53 -6.76 0.00 N | 61.47 -9.36 0.00 N | 56.77 -7.22 0.00 N | 60.27 -7.88 0.00 N | 48.18 -6.61 0.00 N | 44.27 -6.25 0.00 N | 48.60 -6.98 0.00 N | 57.24 -8.34 0.00 N | 55.40 -8.21 0.00 N | 58.83 -8.77 0.00 N | 65.24 -8.66 0.00 N | 123.68 -16.62 0.00 N | 72.48 -7.49 0.00 N | 85.11 -7.94 0.00 N | 72.42 -7.39 0.00 N | 51.79 -5.82 0.00 N | 24.70 -1.79 -12.18 N | 37.00 -5.28 -0.80 N | 37.24 -5.64 0.00 N |
| DUNKIRK___2 23564 | 32.58 -5.10 0.00 N | 33.53 -5.60 0.00 N | 28.92 -4.47 0.00 N | 42.89 -7.03 0.00 N | 31.95 -5.06 0.00 N | 43.53 -6.76 0.00 N | 61.47 -9.36 0.00 N | 56.77 -7.22 0.00 N | 60.27 -7.88 0.00 N | 48.18 -6.61 0.00 N | 44.27 -6.25 0.00 N | 48.60 -6.98 0.00 N | 57.24 -8.34 0.00 N | 55.40 -8.21 0.00 N | 58.83 -8.77 0.00 N | 65.24 -8.66 0.00 N | 123.68 -16.62 0.00 N | 72.48 -7.49 0.00 N | 85.11 -7.94 0.00 N | 72.42 -7.39 0.00 N | 51.79 -5.82 0.00 N | 24.70 -1.79 -12.18 N | 37.00 -5.28 -0.80 N | 37.24 -5.64 0.00 N |
| DUNKIRK___3 23565 | 32.91 -4.77 0.00 N | 33.89 -5.24 0.00 N | 29.22 -4.18 0.00 N | 43.33 -6.59 0.00 N | 32.28 -4.73 0.00 N | 43.99 -6.31 0.00 N | 62.04 -8.79 0.00 N | 57.26 -6.72 0.00 N | 60.80 -7.35 0.00 N | 48.60 -6.19 0.00 N | 44.67 -5.86 0.00 N | 49.04 -6.54 0.00 N | 57.77 -7.81 0.00 N | 55.91 -7.69 0.00 N | 59.37 -8.23 0.00 N | 65.83 -8.07 0.00 N | 124.73 -15.57 0.00 N | 73.07 -6.90 0.00 N | 85.84 -7.21 0.00 N | 73.05 -6.77 0.00 N | 52.27 -5.35 0.00 N | 24.87 -1.62 -12.18 N | 37.34 -4.95 -0.80 N | 37.59 -5.29 0.00 N |
| DUNKIRK___4 23566 | 32.91 -4.77 0.00 N | 33.89 -5.24 0.00 N | 29.22 -4.18 0.00 N | 43.33 -6.59 0.00 N | 32.28 -4.73 0.00 N | 43.99 -6.31 0.00 N | 62.04 -8.79 0.00 N | 57.26 -6.72 0.00 N | 60.80 -7.35 0.00 N | 48.60 -6.19 0.00 N | 44.67 -5.86 0.00 N | 49.04 -6.54 0.00 N | 57.77 -7.81 0.00 N | 55.91 -7.69 0.00 N | 59.37 -8.23 0.00 N | 65.83 -8.07 0.00 N | 124.73 -15.57 0.00 N | 73.07 -6.90 0.00 N | 85.84 -7.21 0.00 N | 73.05 -6.77 0.00 N | 52.27 -5.35 0.00 N | 24.87 -1.62 -12.18 N | 37.34 -4.95 -0.80 N | 37.59 -5.29 0.00 N |
| EAST HAMPTON___GT 23717 | 42.10 4.43 0.00 N | 45.35 4.45 -1.77 N | 37.06 3.68 0.00 N | 55.22 5.30 0.00 N | 41.19 4.18 0.00 N | 74.92 6.76 -17.86 N | 88.89 9.46 -8.60 N | 87.58 9.87 -13.72 N | 87.61 10.88 -8.57 N | 83.50 9.16 -19.56 N | 90.18 8.26 -31.40 N | 88.31 9.21 -23.52 N | 90.94 10.44 -14.91 N | 91.20 9.55 -18.04 N | 88.63 10.47 -10.56 N | 98.14 11.38 -12.86 N | 172.69 22.16 -10.22 N | 98.00 12.45 -5.59 N | 109.21 14.56 -1.59 N | 102.55 12.87 -9.86 N | 87.04 9.50 -19.93 N | 101.93 2.58 -85.04 N | 88.49 5.94 -41.07 N | 77.13 5.66 -28.59 N |
| EAST RIVER___6 23660 | 40.03 2.36 0.00 N | 41.25 2.12 0.00 N | 35.12 1.74 0.00 N | 52.41 2.48 0.00 N | 39.03 2.02 0.00 N | 53.72 3.43 0.00 N | 76.58 5.75 0.00 N | 70.32 6.34 0.00 N | 75.46 7.31 0.00 N | 61.08 6.30 0.00 N | 56.28 5.75 0.00 N | 61.82 6.24 0.00 N | 73.02 7.44 0.00 N | 70.50 6.89 0.00 N | 75.01 7.41 0.00 N | 82.18 8.28 0.00 N | 156.42 16.12 0.00 N | 89.29 9.32 0.00 N | 103.46 10.41 0.00 N | 89.02 9.20 0.00 N | 64.14 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.88 3.90 -4.51 N | 46.26 3.38 0.00 N |
| EAST RIVER___7 23524 | 40.03 2.36 0.00 N | 41.25 2.12 0.00 N | 35.12 1.74 0.00 N | 52.41 2.48 0.00 N | 39.03 2.02 0.00 N | 53.72 3.43 0.00 N | 76.58 5.75 0.00 N | 70.32 6.34 0.00 N | 75.46 7.31 0.00 N | 61.08 6.30 0.00 N | 56.28 5.75 0.00 N | 61.82 6.24 0.00 N | 73.02 7.44 0.00 N | 70.50 6.89 0.00 N | 75.01 7.41 0.00 N | 82.18 8.28 0.00 N | 156.42 16.12 0.00 N | 89.29 9.32 0.00 N | 103.46 10.41 0.00 N | 89.02 9.20 0.00 N | 64.14 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.88 3.90 -4.51 N | 46.26 3.38 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 42.10 4.43 0.00 N | 45.35 4.45 -1.77 N | 37.06 3.68 0.00 N | 55.22 5.30 0.00 N | 41.19 4.18 0.00 N | 74.92 6.76 -17.86 N | 88.89 9.46 -8.60 N | 87.58 9.87 -13.72 N | 87.61 10.88 -8.57 N | 83.50 9.16 -19.56 N | 90.18 8.26 -31.40 N | 88.31 9.21 -23.52 N | 90.94 10.44 -14.91 N | 91.20 9.55 -18.04 N | 88.63 10.47 -10.56 N | 98.14 11.38 -12.86 N | 172.69 22.16 -10.22 N | 98.00 12.45 -5.59 N | 109.21 14.56 -1.59 N | 102.55 12.87 -9.86 N | 87.04 9.50 -19.93 N | 101.93 2.58 -85.04 N | 88.49 5.94 -41.07 N | 77.13 5.66 -28.59 N |
| EAST_RIVER___1 323558 | 40.03 2.36 0.00 N | 41.27 2.14 0.00 N | 35.15 1.77 0.00 N | 52.45 2.52 0.00 N | 39.05 2.04 0.00 N | 53.74 3.45 0.00 N | 76.62 5.79 0.00 N | 70.35 6.36 0.00 N | 75.51 7.36 0.00 N | 61.12 6.33 0.00 N | 56.29 5.76 0.00 N | 61.84 6.26 0.00 N | 73.05 7.47 0.00 N | 70.52 6.92 0.00 N | 75.03 7.43 0.00 N | 82.20 8.30 0.00 N | 156.43 16.13 0.00 N | 89.31 9.35 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.16 1.56 -68.28 N | 49.89 3.90 -4.51 N | 46.29 3.41 0.00 N |
| EAST_RIVER___2 323559 | 40.03 2.36 0.00 N | 41.25 2.12 0.00 N | 35.12 1.74 0.00 N | 52.41 2.48 0.00 N | 39.03 2.02 0.00 N | 53.72 3.43 0.00 N | 76.58 5.75 0.00 N | 70.32 6.34 0.00 N | 75.46 7.31 0.00 N | 61.08 6.30 0.00 N | 56.28 5.75 0.00 N | 61.82 6.24 0.00 N | 73.02 7.44 0.00 N | 70.50 6.89 0.00 N | 75.01 7.41 0.00 N | 82.18 8.28 0.00 N | 156.42 16.12 0.00 N | 89.29 9.32 0.00 N | 103.46 10.41 0.00 N | 89.02 9.20 0.00 N | 64.14 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.88 3.90 -4.51 N | 46.26 3.38 0.00 N |
| ELEC_TRO_TEK 24086 | 40.46 2.79 0.00 N | 43.54 2.64 -1.77 N | 35.56 2.18 0.00 N | 53.01 3.09 0.00 N | 39.48 2.47 0.00 N | 72.27 4.12 -17.86 N | 85.69 6.26 -8.60 N | 84.68 6.97 -13.72 N | 84.68 7.96 -8.57 N | 81.15 6.81 -19.56 N | 88.12 6.20 -31.40 N | 85.69 6.59 -23.52 N | 88.35 7.86 -14.91 N | 88.89 7.24 -18.04 N | 86.00 7.84 -10.56 N | 95.34 8.58 -12.86 N | 167.18 16.66 -10.22 N | 95.00 9.45 -5.59 N | 105.51 10.86 -1.59 N | 99.33 9.65 -9.86 N | 84.57 7.02 -19.93 N | 101.19 1.83 -85.04 N | 86.80 4.26 -41.07 N | 75.36 3.90 -28.59 N |
| E_CANADA_CAP_HY 24051 | 37.84 0.17 0.00 N | 39.37 0.24 0.00 N | 33.60 0.22 0.00 N | 50.38 0.45 0.00 N | 37.33 0.32 0.00 N | 50.66 0.37 0.00 N | 71.68 0.85 0.00 N | 65.24 1.26 0.00 N | 69.46 1.31 0.00 N | 55.60 0.81 0.00 N | 51.24 0.72 0.00 N | 56.53 0.95 0.00 N | 66.43 0.85 0.00 N | 64.32 0.71 0.00 N | 68.25 0.65 0.00 N | 74.73 0.84 0.00 N | 141.83 1.53 0.00 N | 81.39 1.43 0.00 N | 95.34 2.29 0.00 N | 81.35 1.53 0.00 N | 58.66 1.05 0.00 N | 124.98 0.20 -110.46 N | 48.73 -0.05 -7.29 N | 42.79 -0.08 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| E_CANADA_MHWK_HY 24050 | 39.37 1.70 0.00 N | 40.67 1.54 0.00 N | 34.70 1.31 0.00 N | 51.72 1.79 0.00 N | 38.42 1.41 0.00 N | 52.71 2.42 0.00 N | 74.95 4.12 0.00 N | 68.15 4.16 0.00 N | 72.94 4.79 0.00 N | 58.92 4.13 0.00 N | 54.34 3.82 0.00 N | 59.67 4.09 0.00 N | 70.49 4.91 0.00 N | 68.25 4.65 0.00 N | 72.57 4.97 0.00 N | 79.40 5.49 0.00 N | 151.48 11.18 0.00 N | 86.63 6.66 0.00 N | 100.18 7.13 0.00 N | 86.05 6.23 0.00 N | 61.93 4.31 0.00 N | 13.77 1.09 1.63 N | 44.34 2.96 0.11 N | 45.46 2.58 0.00 N | |
| E_FISHKILL__LBMP 23776 | 39.63 1.96 0.00 N | 40.96 1.83 0.00 N | 34.92 1.53 0.00 N | 52.11 2.18 0.00 N | 38.76 1.75 0.00 N | 53.22 2.93 0.00 N | 75.69 4.86 0.00 N | 69.26 5.28 0.00 N | 74.24 6.09 0.00 N | 59.99 5.20 0.00 N | 55.28 4.75 0.00 N | 60.70 5.12 0.00 N | 71.74 6.16 0.00 N | 69.32 5.71 0.00 N | 73.71 6.11 0.00 N | 80.73 6.83 0.00 N | 153.66 13.36 0.00 N | 87.73 7.76 0.00 N | 101.74 8.69 0.00 N | 87.49 7.67 0.00 N | 63.09 5.47 0.00 N | 84.94 1.34 -69.29 N | 49.38 3.33 -4.57 N | 45.76 2.88 0.00 N | |
| FAR ROCKAWAY___4 23548 | 41.07 3.40 0.00 N | 44.13 3.23 -1.77 N | 36.06 2.67 0.00 N | 53.73 3.81 0.00 N | 40.03 3.02 0.00 N | 73.05 4.90 -17.86 N | 86.98 7.55 -8.60 N | 86.00 8.29 -13.72 N | 86.16 9.44 -8.57 N | 82.37 8.03 -19.56 N | 89.18 7.26 -31.40 N | 86.53 7.43 -23.52 N | 89.28 8.78 -14.91 N | 89.76 8.11 -18.04 N | 86.93 8.77 -10.56 N | 96.41 9.65 -12.86 N | 169.43 18.90 -10.22 N | 96.42 10.87 -5.59 N | 107.10 12.46 -1.59 N | 100.74 11.06 -9.86 N | 85.56 8.01 -19.93 N | 101.40 2.05 -85.04 N | 87.80 5.25 -41.07 N | 76.25 4.79 -28.59 N | |
| FARRAGUT__LBMP 323566 | 40.01 2.33 0.00 N | 41.25 2.12 0.00 N | 35.12 1.74 0.00 N | 52.40 2.48 0.00 N | 39.02 2.01 0.00 N | 53.68 3.38 0.00 N | 76.51 5.68 0.00 N | 70.27 6.29 0.00 N | 75.43 7.28 0.00 N | 61.02 6.23 0.00 N | 56.21 5.68 0.00 N | 61.74 6.16 0.00 N | 72.94 7.35 0.00 N | 70.41 6.80 0.00 N | 74.91 7.30 0.00 N | 82.06 8.16 0.00 N | 156.21 15.90 0.00 N | 89.19 9.22 0.00 N | 103.35 10.30 0.00 N | 88.94 9.12 0.00 N | 64.09 6.47 0.00 N | 84.13 1.53 -68.28 N | 49.84 3.85 -4.51 N | 46.24 3.36 0.00 N | |
| FENNER__WINDPWR 24204 | 37.27 -0.40 0.00 N | 38.52 -0.61 0.00 N | 32.82 -0.57 0.00 N | 48.99 -0.94 0.00 N | 36.44 -0.57 0.00 N | 49.86 -0.44 0.00 N | 70.73 -0.10 0.00 N | 64.50 0.52 0.00 N | 68.76 0.61 0.00 N | 55.26 0.48 0.00 N | 50.95 0.42 0.00 N | 56.05 0.47 0.00 N | 66.05 0.46 0.00 N | 63.97 0.37 0.00 N | 67.93 0.33 0.00 N | 74.46 0.56 0.00 N | 141.35 1.05 0.00 N | 81.00 1.04 0.00 N | 94.41 1.36 0.00 N | 80.90 1.08 0.00 N | 58.19 0.57 0.00 N | 17.91 0.08 -3.52 N | 41.57 -0.14 -0.23 N | 42.47 -0.41 0.00 N | |
| FIBERTEK__ENERGY 23856 | 36.87 -0.81 0.00 N | 38.18 -0.95 0.00 N | 32.63 -0.75 0.00 N | 48.71 -1.21 0.00 N | 36.16 -0.85 0.00 N | 49.29 -1.00 0.00 N | 69.73 -1.10 0.00 N | 63.51 -0.48 0.00 N | 67.67 -0.48 0.00 N | 54.33 -0.45 0.00 N | 50.07 -0.45 0.00 N | 55.09 -0.49 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.80 0.00 N | 66.69 -0.91 0.00 N | 73.07 -0.83 0.00 N | 138.85 -1.45 0.00 N | 79.72 -0.24 0.00 N | 92.97 -0.08 0.00 N | 79.54 -0.28 0.00 N | 57.27 -0.34 0.00 N | 20.46 -0.12 -6.28 N | 41.18 -0.71 -0.41 N | 41.93 -0.95 0.00 N | |
| FITZPATRICK____ 23598 | 36.28 -1.39 0.00 N | 37.64 -1.49 0.00 N | 32.15 -1.24 0.00 N | 47.99 -1.94 0.00 N | 35.62 -1.39 0.00 N | 48.48 -1.81 0.00 N | 68.35 -2.48 0.00 N | 62.04 -1.94 0.00 N | 66.07 -2.08 0.00 N | 53.05 -1.74 0.00 N | 48.90 -1.62 0.00 N | 53.80 -1.78 0.00 N | 63.40 -2.18 0.00 N | 61.41 -2.20 0.00 N | 65.21 -2.40 0.00 N | 71.40 -2.50 0.00 N | 135.58 -4.72 0.00 N | 77.64 -2.32 0.00 N | 90.52 -2.53 0.00 N | 77.51 -2.31 0.00 N | 55.88 -1.74 0.00 N | 17.86 -0.47 -4.02 N | 40.23 -1.51 -0.27 N | 41.20 -1.68 0.00 N | |
| FORT ORANGE____ 23900 | 38.88 1.20 0.00 N | 40.30 1.18 0.00 N | 34.36 0.97 0.00 N | 51.30 1.37 0.00 N | 38.07 1.06 0.00 N | 51.94 1.65 0.00 N | 73.45 2.62 0.00 N | 66.45 2.46 0.00 N | 71.07 2.92 0.00 N | 57.43 2.64 0.00 N | 52.94 2.41 0.00 N | 58.04 2.46 0.00 N | 68.68 3.10 0.00 N | 66.76 3.16 0.00 N | 70.81 3.21 0.00 N | 77.23 3.33 0.00 N | 147.26 6.96 0.00 N | 83.90 3.94 0.00 N | 97.26 4.21 0.00 N | 83.53 3.70 0.00 N | 60.35 2.73 0.00 N | 99.99 0.57 -85.11 N | 49.61 2.51 -5.62 N | 45.13 2.25 0.00 N | |
| FORT_DRUM_COGEN 23780 | 35.72 -1.95 0.00 N | 36.92 -2.21 0.00 N | 31.48 -1.91 0.00 N | 47.07 -2.85 0.00 N | 34.95 -2.06 0.00 N | 47.75 -2.54 0.00 N | 67.89 -2.94 0.00 N | 61.74 -2.24 0.00 N | 65.81 -2.34 0.00 N | 52.88 -1.90 0.00 N | 48.77 -1.76 0.00 N | 53.65 -1.94 0.00 N | 63.22 -2.36 0.00 N | 61.27 -2.34 0.00 N | 64.99 -2.61 0.00 N | 71.05 -2.85 0.00 N | 135.21 -5.09 0.00 N | 77.59 -2.38 0.00 N | 90.35 -2.70 0.00 N | 77.22 -2.60 0.00 N | 55.50 -2.12 0.00 N | 16.03 -0.55 -2.26 N | 39.60 -2.03 -0.15 N | 40.63 -2.25 0.00 N | |
| FPL_FAR_ROCK_GT1 24212 | 41.07 3.40 0.00 N | 44.13 3.23 -1.77 N | 36.06 2.67 0.00 N | 53.73 3.81 0.00 N | 40.03 3.02 0.00 N | 73.05 4.90 -17.86 N | 86.98 7.55 -8.60 N | 86.00 8.29 -13.72 N | 86.16 9.44 -8.57 N | 82.37 8.03 -19.56 N | 89.18 7.26 -31.40 N | 86.53 7.43 -23.52 N | 89.28 8.78 -14.91 N | 89.76 8.11 -18.04 N | 86.93 8.77 -10.56 N | 96.41 9.65 -12.86 N | 169.43 18.90 -10.22 N | 96.42 10.87 -5.59 N | 107.10 12.46 -1.59 N | 100.74 11.06 -9.86 N | 85.56 8.01 -19.93 N | 101.40 2.05 -85.04 N | 87.80 5.25 -41.07 N | 76.25 4.79 -28.59 N | |
| FPL_FAR_ROCK_GT2 23815 | 41.07 3.40 0.00 N | 44.13 3.23 -1.77 N | 36.06 2.67 0.00 N | 53.73 3.81 0.00 N | 40.03 3.02 0.00 N | 73.05 4.90 -17.86 N | 86.98 7.55 -8.60 N | 86.00 8.29 -13.72 N | 86.16 9.44 -8.57 N | 82.37 8.03 -19.56 N | 89.18 7.26 -31.40 N | 86.53 7.43 -23.52 N | 89.28 8.78 -14.91 N | 89.76 8.11 -18.04 N | 86.93 8.77 -10.56 N | 96.41 9.65 -12.86 N | 169.43 18.90 -10.22 N | 96.42 10.87 -5.59 N | 107.10 12.46 -1.59 N | 100.74 11.06 -9.86 N | 85.56 8.01 -19.93 N | 101.40 2.05 -85.04 N | 87.80 5.25 -41.07 N | 76.25 4.79 -28.59 N | |
| FRANKLIN_FALL_HYD 24054 | 37.55 -0.12 0.00 N | 39.19 0.06 0.00 N | 33.40 0.01 0.00 N | 50.08 0.16 0.00 N | 37.06 0.05 0.00 N | 50.01 -0.28 0.00 N | 70.04 -0.79 0.00 N | 62.38 -1.61 0.00 N | 66.14 -2.00 0.00 N | 53.06 -1.73 0.00 N | 48.95 -1.57 0.00 N | 53.92 -1.66 0.00 N | 63.82 -1.76 0.00 N | 62.08 -1.52 0.00 N | 65.99 -1.61 0.00 N | 71.89 -2.01 0.00 N | 136.10 -4.20 0.00 N | 77.02 -2.94 0.00 N | 89.57 -3.48 0.00 N | 76.77 -3.05 0.00 N | 55.48 -2.13 0.00 N | 13.89 -0.42 0.00 N | 40.39 -1.09 0.00 N | 42.31 -0.57 0.00 N | |
| FREEPORT_EQUS_GT1 23764 | 40.96 3.29 0.00 N | 44.05 3.15 -1.77 N | 36.00 2.61 0.00 N | 53.64 3.72 0.00 N | 39.97 2.96 0.00 N | 73.00 4.84 -17.86 N | 86.79 7.36 -8.60 N | 85.83 8.12 -13.72 N | 85.94 9.22 -8.57 N | 82.20 7.85 -19.56 N | 89.06 7.13 -31.40 N | 86.73 7.62 -23.52 N | 89.56 9.07 -14.91 N | 90.02 8.37 -18.04 N | 87.25 9.09 -10.56 N | 96.72 9.95 -12.86 N | 169.41 18.89 -10.22 N | 95.95 10.39 -5.59 N | 106.57 11.93 -1.59 N | 100.51 10.83 -9.86 N | 85.44 7.89 -19.93 N | 101.48 2.12 -85.04 N | 87.44 4.90 -41.07 N | 76.00 4.54 -28.59 N | |
| FULTON COGEN____ | 36.61 | 37.93 | 32.40 | 48.37 | 35.91 | 48.94 | 69.19 | 62.99 | 67.12 | 53.86 | 49.66 | 54.63 | 64.28 | 62.24 | 66.09 | 72.38 | 137.54 | 78.97 | 92.09 | 78.79 | 56.73 | 19.08 | 40.74 | 41.58 | |

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| 23766 | -1.06 0.00 N | -1.20 0.00 N | -0.99 0.00 N | -1.56 0.00 N | -1.10 0.00 N | -1.35 0.00 N | -1.64 0.00 N | -1.00 0.00 N | -1.03 0.00 N | -0.93 0.00 N | -0.87 0.00 N | -0.95 0.00 N | -1.31 0.00 N | -1.37 0.00 N | -1.52 0.00 N | -1.52 0.00 N | -2.76 0.00 N | -1.00 0.00 N | -0.96 0.00 N | -1.03 0.00 N | -0.88 0.00 N | -0.25 -5.02 N | -1.07 -0.33 N | -1.30 0.00 N |
| Freeport___CT2 23818 | 40.96 3.29 0.00 N | 44.05 3.15 -1.77 N | 36.00 2.61 0.00 N | 53.64 3.72 0.00 N | 39.97 2.96 0.00 N | 73.00 4.84 -17.86 N | 86.79 7.36 -8.60 N | 85.83 8.12 -13.72 N | 85.94 9.22 -8.57 N | 82.20 7.85 -19.56 N | 89.06 7.13 -31.40 N | 86.73 7.62 -23.52 N | 89.56 9.07 -14.91 N | 90.02 8.37 -18.04 N | 87.25 9.09 -10.56 N | 96.72 9.95 -12.86 N | 169.41 18.89 -10.22 N | 95.95 10.39 -5.59 N | 106.57 11.93 -1.59 N | 100.51 10.83 -9.86 N | 85.44 7.89 -19.93 N | 101.48 2.12 -85.04 N | 87.44 4.90 -41.07 N | 76.00 4.54 -28.59 N |
| G.F.CEMENT___DRP 24184 | 39.23 1.56 0.00 N | 40.44 1.31 0.00 N | 34.25 0.86 0.00 N | 51.11 1.19 0.00 N | 38.05 1.04 0.00 N | 52.32 2.03 0.00 N | 74.89 4.05 0.00 N | 68.03 4.04 0.00 N | 73.48 5.33 0.00 N | 59.15 4.36 0.00 N | 54.45 3.92 0.00 N | 59.59 4.01 0.00 N | 70.65 5.07 0.00 N | 68.39 4.79 0.00 N | 72.60 5.00 0.00 N | 79.30 5.40 0.00 N | 151.79 11.49 0.00 N | 86.48 6.52 0.00 N | 100.06 7.01 0.00 N | 85.81 5.99 0.00 N | 61.90 4.29 0.00 N | 104.51 1.08 -89.12 N | 50.30 2.94 -5.88 N | 45.54 2.66 0.00 N |
| GARDENVILLE___LBMP 24039 | 33.59 -4.08 0.00 N | 34.67 -4.46 0.00 N | 29.88 -3.51 0.00 N | 44.17 -5.76 0.00 N | 32.99 -4.02 0.00 N | 44.87 -5.42 0.00 N | 62.59 -8.24 0.00 N | 57.69 -6.29 0.00 N | 61.22 -6.93 0.00 N | 48.94 -5.85 0.00 N | 44.99 -5.54 0.00 N | 49.53 -6.05 0.00 N | 58.37 -7.22 0.00 N | 56.56 -7.04 0.00 N | 59.93 -7.68 0.00 N | 66.20 -7.70 0.00 N | 125.65 -14.66 0.00 N | 73.37 -6.60 0.00 N | 86.70 -6.34 0.00 N | 73.80 -6.02 0.00 N | 52.89 -4.72 0.00 N | 24.06 -1.43 -11.17 N | 37.77 -4.45 -0.74 N | 38.08 -4.80 0.00 N |
| GENERAL___MILLS 23808 | 33.70 -3.97 0.00 N | 34.78 -4.35 0.00 N | 29.98 -3.41 0.00 N | 44.31 -5.61 0.00 N | 33.10 -3.91 0.00 N | 45.02 -5.27 0.00 N | 62.78 -8.05 0.00 N | 57.86 -6.12 0.00 N | 61.41 -6.74 0.00 N | 49.09 -5.69 0.00 N | 45.15 -5.38 0.00 N | 49.70 -5.88 0.00 N | 58.56 -7.02 0.00 N | 56.76 -6.84 0.00 N | 60.12 -7.48 0.00 N | 66.40 -7.50 0.00 N | 126.05 -14.25 0.00 N | 73.57 -6.39 0.00 N | 86.95 -6.10 0.00 N | 74.02 -5.80 0.00 N | 53.06 -4.56 0.00 N | 24.09 -1.39 -11.17 N | 37.89 -4.33 -0.74 N | 38.18 -4.69 0.00 N |
| GE_PLASTICS___DRP 24183 | 38.65 0.98 0.00 N | 40.12 0.99 0.00 N | 34.25 0.87 0.00 N | 51.13 1.21 0.00 N | 37.94 0.93 0.00 N | 51.71 1.42 0.00 N | 72.74 1.91 0.00 N | 65.65 1.67 0.00 N | 70.09 1.94 0.00 N | 56.57 1.78 0.00 N | 52.00 1.48 0.00 N | 57.01 1.43 0.00 N | 67.58 2.00 0.00 N | 65.68 2.07 0.00 N | 69.74 2.14 0.00 N | 76.15 2.25 0.00 N | 144.90 4.60 0.00 N | 82.49 2.52 0.00 N | 95.71 2.66 0.00 N | 82.20 2.38 0.00 N | 59.44 1.82 0.00 N | 100.59 0.42 -85.86 N | 48.79 1.65 -5.67 N | 44.41 1.53 0.00 N |
| GILBOA___1 23756 | 38.74 1.07 0.00 N | 40.29 1.16 0.00 N | 34.52 1.14 0.00 N | 51.52 1.60 0.00 N | 38.21 1.20 0.00 N | 52.04 1.75 0.00 N | 73.14 2.31 0.00 N | 66.32 2.34 0.00 N | 70.89 2.74 0.00 N | 57.11 2.33 0.00 N | 52.68 2.15 0.00 N | 58.04 2.45 0.00 N | 68.58 3.00 0.00 N | 66.39 2.79 0.00 N | 70.56 2.96 0.00 N | 77.20 3.30 0.00 N | 146.14 5.84 0.00 N | 83.19 3.23 0.00 N | 96.61 3.56 0.00 N | 83.01 3.19 0.00 N | 60.15 2.53 0.00 N | 81.61 0.65 -66.65 N | 47.62 1.75 -4.40 N | 44.38 1.50 0.00 N |
| GILBOA___2 23757 | 38.74 1.07 0.00 N | 40.29 1.16 0.00 N | 34.52 1.14 0.00 N | 51.52 1.60 0.00 N | 38.21 1.20 0.00 N | 52.04 1.75 0.00 N | 73.14 2.31 0.00 N | 66.32 2.34 0.00 N | 70.89 2.74 0.00 N | 57.11 2.33 0.00 N | 52.68 2.15 0.00 N | 58.04 2.45 0.00 N | 68.58 3.00 0.00 N | 66.39 2.79 0.00 N | 70.56 2.96 0.00 N | 77.20 3.30 0.00 N | 146.14 5.84 0.00 N | 83.19 3.23 0.00 N | 96.61 3.56 0.00 N | 83.01 3.19 0.00 N | 60.15 2.53 0.00 N | 81.61 0.65 -66.65 N | 47.62 1.75 -4.40 N | 44.38 1.50 0.00 N |
| GILBOA___3 23758 | 38.74 1.07 0.00 N | 40.29 1.16 0.00 N | 34.52 1.14 0.00 N | 51.52 1.60 0.00 N | 38.21 1.20 0.00 N | 52.04 1.75 0.00 N | 73.14 2.31 0.00 N | 66.32 2.34 0.00 N | 70.89 2.74 0.00 N | 57.11 2.33 0.00 N | 52.68 2.15 0.00 N | 58.04 2.45 0.00 N | 68.58 3.00 0.00 N | 66.39 2.79 0.00 N | 70.56 2.96 0.00 N | 77.20 3.30 0.00 N | 146.14 5.84 0.00 N | 83.19 3.23 0.00 N | 96.61 3.56 0.00 N | 83.01 3.19 0.00 N | 60.15 2.53 0.00 N | 81.61 0.65 -66.65 N | 47.62 1.75 -4.40 N | 44.38 1.50 0.00 N |
| GILBOA___4 23759 | 38.74 1.07 0.00 N | 40.29 1.16 0.00 N | 34.52 1.14 0.00 N | 51.52 1.60 0.00 N | 38.21 1.20 0.00 N | 52.04 1.75 0.00 N | 73.14 2.31 0.00 N | 66.32 2.34 0.00 N | 70.89 2.74 0.00 N | 57.11 2.33 0.00 N | 52.68 2.15 0.00 N | 58.04 2.45 0.00 N | 68.58 3.00 0.00 N | 66.39 2.79 0.00 N | 70.56 2.96 0.00 N | 77.20 3.30 0.00 N | 146.14 5.84 0.00 N | 83.19 3.23 0.00 N | 96.61 3.56 0.00 N | 83.01 3.19 0.00 N | 60.15 2.53 0.00 N | 81.61 0.65 -66.65 N | 47.62 1.75 -4.40 N | 44.38 1.50 0.00 N |
| GILBOA___ 23599 | 38.74 1.07 0.00 N | 40.29 1.16 0.00 N | 34.52 1.14 0.00 N | 51.52 1.60 0.00 N | 38.21 1.20 0.00 N | 52.04 1.75 0.00 N | 73.14 2.31 0.00 N | 66.32 2.34 0.00 N | 70.89 2.74 0.00 N | 57.11 2.33 0.00 N | 52.68 2.15 0.00 N | 58.04 2.45 0.00 N | 68.58 3.00 0.00 N | 66.39 2.79 0.00 N | 70.56 2.96 0.00 N | 77.20 3.30 0.00 N | 146.14 5.84 0.00 N | 83.19 3.23 0.00 N | 96.61 3.56 0.00 N | 83.01 3.19 0.00 N | 60.15 2.53 0.00 N | 81.61 0.65 -66.65 N | 47.62 1.75 -4.40 N | 44.38 1.50 0.00 N |
| GINNA___ 23603 | 34.07 -3.60 0.00 N | 35.23 -3.90 0.00 N | 30.20 -3.19 0.00 N | 44.87 -5.06 0.00 N | 33.47 -3.54 0.00 N | 45.68 -4.62 0.00 N | 64.24 -6.59 0.00 N | 58.88 -5.11 0.00 N | 62.50 -5.65 0.00 N | 50.16 -4.63 0.00 N | 46.23 -4.29 0.00 N | 50.92 -4.66 0.00 N | 59.94 -5.65 0.00 N | 58.11 -5.50 0.00 N | 61.52 -6.08 0.00 N | 67.62 -6.28 0.00 N | 128.79 -11.51 0.00 N | 74.54 -5.42 0.00 N | 87.50 -5.54 0.00 N | 74.58 -5.24 0.00 N | 53.54 -4.07 0.00 N | 21.16 -1.07 -7.91 N | 38.28 -3.73 -0.52 N | 38.72 -4.16 0.00 N |
| GLEN PARK___ 23778 | 35.88 -1.79 0.00 N | 37.05 -2.08 0.00 N | 31.61 -1.78 0.00 N | 47.23 -2.69 0.00 N | 35.09 -1.92 0.00 N | 47.98 -2.31 0.00 N | 68.27 -2.56 0.00 N | 62.20 -1.79 0.00 N | 66.33 -1.82 0.00 N | 53.28 -1.51 0.00 N | 49.15 -1.38 0.00 N | 54.04 -1.55 0.00 N | 63.66 -1.92 0.00 N | 61.68 -1.93 0.00 N | 65.42 -2.19 0.00 N | 71.53 -2.36 0.00 N | 136.20 -4.10 0.00 N | 78.27 -1.69 0.00 N | 91.13 -1.92 0.00 N | 77.84 -1.98 0.00 N | 55.92 -1.70 0.00 N | 16.49 -0.46 -2.64 N | 39.84 -1.81 -0.17 N | 40.80 -2.08 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 40.53 2.85 0.00 N | 43.59 2.69 -1.77 N | 35.62 2.23 0.00 N | 53.11 3.18 0.00 N | 39.55 2.54 0.00 N | 72.33 4.18 -17.86 N | 86.04 6.61 -8.60 N | 84.97 7.26 -13.72 N | 85.00 8.27 -8.57 N | 81.41 7.07 -19.56 N | 88.38 6.46 -31.40 N | 86.07 6.97 -23.52 N | 88.78 8.29 -14.91 N | 89.31 7.66 -18.04 N | 86.42 8.26 -10.56 N | 95.90 9.14 -12.86 N | 168.31 17.79 -10.22 N | 95.57 10.02 -5.59 N | 105.81 11.17 -1.59 N | 99.54 9.86 -9.86 N | 84.92 7.38 -19.93 N | 101.21 1.86 -85.04 N | 86.99 4.44 -41.07 N | 75.47 4.00 -28.59 N |

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| GLENWOOD_IC_2_G1 23688 | 40.27 2.60 0.00 N | 43.35 2.44 -1.77 N | 35.41 2.02 0.00 N | 52.81 2.89 0.00 N | 39.31 2.30 0.00 N | 71.98 3.83 -17.86 N | 85.54 6.11 -8.60 N | 84.43 6.72 -13.72 N | 84.40 7.68 -8.57 N | 80.90 6.56 -19.56 N | 87.91 5.98 -31.40 N | 85.56 6.46 -23.52 N | 88.19 7.69 -14.91 N | 88.75 7.10 -18.04 N | 85.82 7.66 -10.56 N | 95.24 8.48 -12.86 N | 167.06 16.54 -10.22 N | 95.05 9.49 -5.59 N | 105.39 10.75 -1.59 N | 99.15 9.47 -9.86 N | 84.38 6.84 -19.93 N | 101.07 1.71 -85.04 N | 86.67 4.12 -41.07 N | 75.16 3.69 -28.59 N |
| GLENWOOD_IC_3_G1 23689 | 40.27 2.60 0.00 N | 43.35 2.44 -1.77 N | 35.41 2.02 0.00 N | 52.81 2.89 0.00 N | 39.31 2.30 0.00 N | 71.98 3.83 -17.86 N | 85.54 6.11 -8.60 N | 84.43 6.72 -13.72 N | 84.40 7.68 -8.57 N | 80.90 6.56 -19.56 N | 87.91 5.98 -31.40 N | 85.56 6.46 -23.52 N | 88.19 7.69 -14.91 N | 88.75 7.10 -18.04 N | 85.82 7.66 -10.56 N | 95.24 8.48 -12.86 N | 167.06 16.54 -10.22 N | 95.05 9.49 -5.59 N | 105.39 10.75 -1.59 N | 99.15 9.47 -9.86 N | 84.38 6.84 -19.93 N | 101.07 1.71 -85.04 N | 86.67 4.12 -41.07 N | 75.16 3.69 -28.59 N |
| GLENWOOD___4 23550 | 40.53 2.85 0.00 N | 43.60 2.70 -1.77 N | 35.62 2.23 0.00 N | 53.11 3.18 0.00 N | 39.55 2.54 0.00 N | 72.34 4.18 -17.86 N | 86.04 6.61 -8.60 N | 84.97 7.26 -13.72 N | 85.00 8.27 -8.57 N | 81.42 7.08 -19.56 N | 88.38 6.46 -31.40 N | 86.08 6.97 -23.52 N | 88.78 8.29 -14.91 N | 89.32 7.67 -18.04 N | 86.42 8.26 -10.56 N | 95.90 9.14 -12.86 N | 168.32 17.79 -10.22 N | 95.64 10.09 -5.59 N | 105.97 11.32 -1.59 N | 99.68 10.00 -9.86 N | 84.92 7.38 -19.93 N | 101.21 1.86 -85.04 N | 86.99 4.44 -41.07 N | 75.47 4.00 -28.59 N |
| GLENWOOD___5 23614 | 40.53 2.85 0.00 N | 43.60 2.70 -1.77 N | 35.62 2.23 0.00 N | 53.11 3.18 0.00 N | 39.55 2.54 0.00 N | 72.34 4.18 -17.86 N | 86.04 6.61 -8.60 N | 84.97 7.26 -13.72 N | 85.00 8.27 -8.57 N | 81.42 7.08 -19.56 N | 88.38 6.46 -31.40 N | 86.08 6.97 -23.52 N | 88.78 8.29 -14.91 N | 89.32 7.67 -18.04 N | 86.42 8.26 -10.56 N | 95.90 9.14 -12.86 N | 168.32 17.79 -10.22 N | 95.64 10.09 -5.59 N | 105.97 11.32 -1.59 N | 99.68 10.00 -9.86 N | 84.92 7.38 -19.93 N | 101.21 1.86 -85.04 N | 86.99 4.44 -41.07 N | 75.47 4.00 -28.59 N |
| GLOBAL GREEN_PORT_GT1 23814 | 42.10 4.43 0.00 N | 45.35 4.45 -1.77 N | 37.06 3.68 0.00 N | 55.22 5.30 0.00 N | 41.19 4.18 0.00 N | 74.92 6.76 -17.86 N | 88.89 9.46 -8.60 N | 87.58 9.87 -13.72 N | 87.61 10.88 -8.57 N | 83.50 9.16 -19.56 N | 90.18 8.26 -31.40 N | 88.31 9.21 -23.52 N | 90.94 10.44 -14.91 N | 91.20 9.55 -18.04 N | 88.63 10.47 -10.56 N | 98.14 11.38 -12.86 N | 172.69 22.16 -10.22 N | 98.00 12.45 -5.59 N | 109.21 14.56 -1.59 N | 102.55 12.87 -9.86 N | 87.04 9.50 -19.93 N | 101.93 2.58 -85.04 N | 88.49 5.94 -41.07 N | 77.13 5.66 -28.59 N |
| GOETHSLN___LBMP 323567 | 39.89 2.22 0.00 N | 41.12 1.99 0.00 N | 35.02 1.63 0.00 N | 52.24 2.32 0.00 N | 38.91 1.90 0.00 N | 53.53 3.23 0.00 N | 76.33 5.50 0.00 N | 70.11 6.12 0.00 N | 75.23 7.08 0.00 N | 60.87 6.08 0.00 N | 56.06 5.54 0.00 N | 61.57 5.99 0.00 N | 72.73 7.14 0.00 N | 70.18 6.57 0.00 N | 74.69 7.09 0.00 N | 81.85 7.95 0.00 N | 155.79 15.49 0.00 N | 88.97 9.01 0.00 N | 103.09 10.04 0.00 N | 88.75 8.93 0.00 N | 63.92 6.30 0.00 N | 84.08 1.48 -68.28 N | 49.71 3.72 -4.51 N | 46.10 3.22 0.00 N |
| GOUDEY___7 23579 | 36.95 -0.72 0.00 N | 38.21 -0.92 0.00 N | 32.73 -0.66 0.00 N | 48.88 -1.04 0.00 N | 36.26 -0.75 0.00 N | 49.51 -0.78 0.00 N | 70.28 -0.55 0.00 N | 64.19 0.21 0.00 N | 68.39 0.24 0.00 N | 54.99 0.21 0.00 N | 50.64 0.11 0.00 N | 55.64 0.06 0.00 N | 65.45 -0.13 0.00 N | 63.35 -0.25 0.00 N | 67.35 -0.25 0.00 N | 74.17 0.27 0.00 N | 140.69 0.39 0.00 N | 81.21 1.24 0.00 N | 94.49 1.44 0.00 N | 80.78 0.96 0.00 N | 58.13 0.52 0.00 N | 35.82 0.04 -21.46 N | 42.63 -0.27 -1.42 N | 42.38 -0.50 0.00 N |
| GOUDEY___8 23580 | 36.90 -0.78 0.00 N | 38.17 -0.96 0.00 N | 32.69 -0.69 0.00 N | 48.83 -1.10 0.00 N | 36.21 -0.79 0.00 N | 49.45 -0.85 0.00 N | 70.17 -0.66 0.00 N | 64.09 0.10 0.00 N | 68.29 0.14 0.00 N | 54.90 0.12 0.00 N | 50.55 0.03 0.00 N | 55.54 -0.04 0.00 N | 65.36 -0.22 0.00 N | 63.25 -0.35 0.00 N | 67.25 -0.36 0.00 N | 74.05 0.15 0.00 N | 140.46 0.16 0.00 N | 81.06 1.09 0.00 N | 94.31 1.26 0.00 N | 80.64 0.81 0.00 N | 58.02 0.40 0.00 N | 35.77 0.00 -21.46 N | 42.57 -0.33 -1.42 N | 42.32 -0.56 0.00 N |
| GOWANUS_GT1_1 24077 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT1_2 24078 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT1_3 24079 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT1_4 24080 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT1_5 24084 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT1_6 24111 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|----------------------------|---|---|---|---|---|
| GOWANUS_GT1_7 24112 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT1_8 24113 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_1 24114 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_2 24115 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_3 24116 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_4 24117 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_5 24118 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_6 24119 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_7 24120 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT2_8 24121 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT3_1 24122 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT3_2 24123 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT3_3 24124 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N | | | | | |
| GOWANUS_GT3_4 | 40.15 | 41.46 | 35.33 | 52.69 | 39.16 | 53.80 | 76.64 | 75.11 | 90.44 | 69.61 | 56.44 | 61.81 | 73.17 | 70.65 | 75.20 | 82.33 | 156.39 | 89.29 | 103.70 | 89.34 | 64.34 | 84.24 | 49.99 | 46.39 | | | | | |

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|--------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|----------------------------|
| 24125 | | 2.48 0.00 N | 2.33 0.00 N | 1.94 0.00 N | 2.76 0.00 N | 2.15 0.00 N | 3.51 0.00 N | 5.81 0.00 N | 6.62 -4.51 N | 7.54 -14.74 N | 6.49 -8.34 N | 5.92 0.00 N | 6.23 0.00 N | 7.58 0.00 N | 7.04 0.00 N | 7.60 0.00 N | 8.43 0.00 N | 16.09 0.00 N | 9.32 0.00 N | 10.65 0.00 N | 9.52 0.00 N | 6.73 0.00 N | 1.64 -68.28 N | 4.01 -4.51 N | 3.52 0.00 N |
| GOWANUS_GT3_5 24126 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT3_6 24127 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT3_7 24128 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT3_8 24129 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_1 24130 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_2 24131 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_3 24132 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_4 24133 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_5 24134 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_6 24135 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_7 24136 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GOWANUS_GT4_8 24137 | | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| GRAHMSVILLE__HY 23607 | | 39.28 1.61 0.00 N | 40.65 1.52 0.00 N | 34.70 1.31 0.00 N | 51.80 1.88 0.00 N | 38.51 1.51 0.00 N | 52.76 2.47 0.00 N | 74.92 4.09 0.00 N | 68.54 4.56 0.00 N | 73.22 5.07 0.00 N | 58.95 4.16 0.00 N | 54.46 3.94 0.00 N | 59.97 4.39 0.00 N | 70.77 5.19 0.00 N | 68.43 4.82 0.00 N | 72.75 5.15 0.00 N | 79.73 5.83 0.00 N | 151.59 11.30 0.00 N | 86.80 6.83 0.00 N | 100.87 7.83 0.00 N | 86.55 6.73 0.00 N | 62.39 4.77 0.00 N | 73.72 1.16 -58.24 N | 48.05 2.73 -3.84 N | 45.23 2.35 0.00 N |

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|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| GREENIDGE___3 23582 | 34.97 -2.70 0.00 N | 36.08 -3.05 0.00 N | 31.01 -2.38 0.00 N | 46.11 -3.82 0.00 N | 34.28 -2.73 0.00 N | 46.81 -3.48 0.00 N | 66.45 -4.38 0.00 N | 60.97 -3.01 0.00 N | 64.84 -3.31 0.00 N | 51.98 -2.81 0.00 N | 47.87 -2.65 0.00 N | 52.64 -2.95 0.00 N | 61.93 -3.65 0.00 N | 59.97 -3.64 0.00 N | 63.69 -3.92 0.00 N | 70.16 -3.74 0.00 N | 133.32 -6.98 0.00 N | 77.34 -2.62 0.00 N | 90.40 -2.65 0.00 N | 77.11 -2.71 0.00 N | 55.31 -2.31 0.00 N | 26.62 -0.74 -13.05 N | 39.83 -2.51 -0.86 N | 39.99 -2.89 0.00 N |
| GREENIDGE___4 23583 | 34.97 -2.70 0.00 N | 36.08 -3.05 0.00 N | 31.01 -2.38 0.00 N | 46.11 -3.82 0.00 N | 34.28 -2.73 0.00 N | 46.81 -3.48 0.00 N | 66.45 -4.38 0.00 N | 60.97 -3.01 0.00 N | 64.84 -3.31 0.00 N | 51.98 -2.81 0.00 N | 47.87 -2.65 0.00 N | 52.64 -2.95 0.00 N | 61.93 -3.65 0.00 N | 59.97 -3.64 0.00 N | 63.69 -3.92 0.00 N | 70.16 -3.74 0.00 N | 133.32 -6.98 0.00 N | 77.34 -2.62 0.00 N | 90.40 -2.65 0.00 N | 77.11 -2.71 0.00 N | 55.31 -2.31 0.00 N | 26.62 -0.74 -13.05 N | 39.83 -2.51 -0.86 N | 39.99 -2.89 0.00 N |
| HARZA MOOSE___RIVER 24016 | 37.32 -0.35 0.00 N | 38.65 -0.47 0.00 N | 32.96 -0.43 0.00 N | 49.28 -0.65 0.00 N | 36.57 -0.44 0.00 N | 49.90 -0.39 0.00 N | 70.70 -0.13 0.00 N | 64.19 0.21 0.00 N | 68.45 0.29 0.00 N | 55.01 0.23 0.00 N | 50.73 0.20 0.00 N | 55.80 0.22 0.00 N | 65.84 0.25 0.00 N | 63.77 0.17 0.00 N | 67.73 0.12 0.00 N | 74.11 0.21 0.00 N | 140.91 0.61 0.00 N | 80.67 0.71 0.00 N | 93.89 0.84 0.00 N | 80.39 0.57 0.00 N | 57.87 0.25 0.00 N | 14.36 0.05 0.00 N | 41.31 -0.17 0.00 N | 42.56 -0.32 0.00 N |
| HEMPSTEAD___ 23647 | 40.60 2.93 0.00 N | 43.69 2.79 -1.77 N | 35.68 2.29 0.00 N | 53.20 3.27 0.00 N | 39.62 2.61 0.00 N | 72.50 4.35 -17.86 N | 86.10 6.67 -8.60 N | 85.11 7.40 -13.72 N | 85.15 8.43 -8.57 N | 81.54 7.20 -19.56 N | 88.48 6.56 -31.40 N | 86.18 7.08 -23.52 N | 88.87 8.37 -14.91 N | 89.36 7.71 -18.04 N | 86.53 8.37 -10.56 N | 95.93 9.17 -12.86 N | 168.27 17.74 -10.22 N | 95.51 9.96 -5.59 N | 105.98 11.33 -1.59 N | 99.79 10.11 -9.86 N | 84.93 7.38 -19.93 N | 101.28 1.92 -85.04 N | 87.03 4.48 -41.07 N | 75.56 4.10 -28.59 N |
| HICKLING___1 23621 | 36.14 -1.53 0.00 N | 37.21 -1.92 0.00 N | 31.96 -1.43 0.00 N | 47.70 -2.23 0.00 N | 35.37 -1.63 0.00 N | 48.42 -1.87 0.00 N | 69.28 -1.55 0.00 N | 63.74 -0.25 0.00 N | 67.84 -0.31 0.00 N | 54.36 -0.43 0.00 N | 50.01 -0.51 0.00 N | 54.93 -0.66 0.00 N | 64.63 -0.95 0.00 N | 62.48 -1.12 0.00 N | 66.53 -1.07 0.00 N | 73.60 -0.30 0.00 N | 139.67 -0.63 0.00 N | 81.36 1.40 0.00 N | 94.84 1.79 0.00 N | 80.81 0.99 0.00 N | 57.87 0.25 0.00 N | 31.24 -0.14 -17.07 N | 41.67 -0.94 -1.13 N | 41.65 -1.23 0.00 N |
| HICKLING___2 23622 | 36.16 -1.52 0.00 N | 37.23 -1.90 0.00 N | 31.97 -1.42 0.00 N | 47.70 -2.22 0.00 N | 35.38 -1.62 0.00 N | 48.43 -1.86 0.00 N | 69.28 -1.55 0.00 N | 63.75 -0.24 0.00 N | 67.86 -0.29 0.00 N | 54.38 -0.41 0.00 N | 50.03 -0.49 0.00 N | 54.93 -0.65 0.00 N | 64.66 -0.93 0.00 N | 62.50 -1.10 0.00 N | 66.55 -1.05 0.00 N | 73.62 -0.28 0.00 N | 139.67 -0.63 0.00 N | 81.41 1.45 0.00 N | 94.86 1.81 0.00 N | 80.85 1.03 0.00 N | 57.88 0.27 0.00 N | 31.26 -0.13 -17.07 N | 41.68 -0.92 -1.13 N | 41.66 -1.22 0.00 N |
| HIGH FALLS___HY 23754 | 39.74 2.07 0.00 N | 41.06 1.92 0.00 N | 35.05 1.66 0.00 N | 52.30 2.37 0.00 N | 38.92 1.91 0.00 N | 53.45 3.16 0.00 N | 76.09 5.26 0.00 N | 69.75 5.76 0.00 N | 74.45 6.30 0.00 N | 59.92 5.14 0.00 N | 55.52 5.00 0.00 N | 61.20 5.62 0.00 N | 72.27 6.68 0.00 N | 69.82 6.21 0.00 N | 74.26 6.66 0.00 N | 81.39 7.50 0.00 N | 154.91 14.61 0.00 N | 88.65 8.69 0.00 N | 102.96 9.91 0.00 N | 88.39 8.57 0.00 N | 63.71 6.09 0.00 N | 84.60 1.49 -68.79 N | 49.54 3.52 -4.54 N | 45.89 3.01 0.00 N |
| HILLBURN___GT 23639 | 39.73 2.06 0.00 N | 41.05 1.92 0.00 N | 35.00 1.61 0.00 N | 52.23 2.30 0.00 N | 38.88 1.87 0.00 N | 53.42 3.13 0.00 N | 76.13 5.30 0.00 N | 69.94 5.95 0.00 N | 74.98 6.83 0.00 N | 60.58 5.79 0.00 N | 55.79 5.26 0.00 N | 61.26 5.68 0.00 N | 72.33 6.75 0.00 N | 69.84 6.23 0.00 N | 74.27 6.67 0.00 N | 81.41 7.51 0.00 N | 155.00 14.70 0.00 N | 88.71 8.75 0.00 N | 103.04 9.99 0.00 N | 88.57 8.75 0.00 N | 63.79 6.18 0.00 N | 81.09 1.50 -65.27 N | 49.37 3.59 -4.31 N | 45.98 3.10 0.00 N |
| HOLTSVILLE_IC_1 23690 | 40.94 3.26 0.00 N | 44.14 3.24 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.78 0.00 N | 40.03 3.02 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.15 7.45 -13.72 N | 85.04 8.31 -8.57 N | 81.44 7.09 -19.56 N | 88.26 6.34 -31.40 N | 86.07 6.97 -23.52 N | 88.47 7.98 -14.91 N | 88.84 7.20 -18.04 N | 86.10 7.94 -10.56 N | 95.31 8.55 -12.86 N | 167.05 16.52 -10.22 N | 94.38 8.83 -5.59 N | 104.91 10.26 -1.59 N | 98.99 9.31 -9.86 N | 84.62 7.07 -19.93 N | 101.31 1.96 -85.04 N | 86.96 4.41 -41.07 N | 75.70 4.24 -28.59 N |
| HOLTSVILLE_IC_10 23699 | 41.17 3.50 0.00 N | 44.37 3.47 -1.77 N | 36.25 2.86 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.75 7.33 -8.60 N | 85.63 7.92 -13.72 N | 85.57 8.85 -8.57 N | 81.87 7.53 -19.56 N | 88.66 6.74 -31.40 N | 86.52 7.42 -23.52 N | 88.98 8.48 -14.91 N | 89.34 7.69 -18.04 N | 86.62 8.46 -10.56 N | 95.88 9.12 -12.86 N | 168.23 17.71 -10.22 N | 95.02 9.46 -5.59 N | 105.62 10.98 -1.59 N | 99.62 9.94 -9.86 N | 85.11 7.56 -19.93 N | 101.45 2.10 -85.04 N | 87.25 4.70 -41.07 N | 76.01 4.54 -28.59 N |
| HOLTSVILLE_IC_2 23691 | 40.94 3.26 0.00 N | 44.14 3.24 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.78 0.00 N | 40.03 3.02 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.15 7.45 -13.72 N | 85.04 8.31 -8.57 N | 81.44 7.09 -19.56 N | 88.26 6.34 -31.40 N | 86.07 6.97 -23.52 N | 88.47 7.98 -14.91 N | 88.84 7.20 -18.04 N | 86.10 7.94 -10.56 N | 95.31 8.55 -12.86 N | 167.05 16.52 -10.22 N | 94.38 8.83 -5.59 N | 104.91 10.26 -1.59 N | 98.99 9.31 -9.86 N | 84.62 7.07 -19.93 N | 101.31 1.96 -85.04 N | 86.96 4.41 -41.07 N | 75.70 4.24 -28.59 N |
| HOLTSVILLE_IC_3 23692 | 40.94 3.26 0.00 N | 44.14 3.24 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.78 0.00 N | 40.03 3.02 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.15 7.45 -13.72 N | 85.04 8.31 -8.57 N | 81.44 7.09 -19.56 N | 88.26 6.34 -31.40 N | 86.07 6.97 -23.52 N | 88.47 7.98 -14.91 N | 88.84 7.20 -18.04 N | 86.10 7.94 -10.56 N | 95.31 8.55 -12.86 N | 167.05 16.52 -10.22 N | 94.38 8.83 -5.59 N | 104.91 10.26 -1.59 N | 98.99 9.31 -9.86 N | 84.62 7.07 -19.93 N | 101.31 1.96 -85.04 N | 86.96 4.41 -41.07 N | 75.70 4.24 -28.59 N |
| HOLTSVILLE_IC_4 23693 | 40.94 3.26 0.00 N | 44.14 3.24 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.78 0.00 N | 40.03 3.02 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.15 7.45 -13.72 N | 85.04 8.31 -8.57 N | 81.44 7.09 -19.56 N | 88.26 6.34 -31.40 N | 86.07 6.97 -23.52 N | 88.47 7.98 -14.91 N | 88.84 7.20 -18.04 N | 86.10 7.94 -10.56 N | 95.31 8.55 -12.86 N | 167.05 16.52 -10.22 N | 94.38 8.83 -5.59 N | 104.91 10.26 -1.59 N | 98.99 9.31 -9.86 N | 84.62 7.07 -19.93 N | 101.31 1.96 -85.04 N | 86.96 4.41 -41.07 N | 75.70 4.24 -28.59 N |
| HOLTSVILLE_IC_5 23694 | 40.94 3.26 0.00 N | 44.14 3.24 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.78 0.00 N | 40.03 3.02 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.15 7.45 -13.72 N | 85.04 8.31 -8.57 N | 81.44 7.09 -19.56 N | 88.26 6.34 -31.40 N | 86.07 6.97 -23.52 N | 88.47 7.98 -14.91 N | 88.84 7.20 -18.04 N | 86.10 7.94 -10.56 N | 95.31 8.55 -12.86 N | 167.05 16.52 -10.22 N | 94.38 8.83 -5.59 N | 104.91 10.26 -1.59 N | 98.99 9.31 -9.86 N | 84.62 7.07 -19.93 N | 101.31 1.96 -85.04 N | 86.96 4.41 -41.07 N | 75.70 4.24 -28.59 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 |
| HOLTSVILLE_IC_6 23695 | 41.17 3.50 0.00 N | 44.37 3.47 -1.77 N | 36.25 2.86 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.75 7.33 -8.60 N | 85.63 7.92 -13.72 N | 85.57 8.85 -8.57 N | 81.87 7.53 -19.56 N | 88.66 6.74 -31.40 N | 86.52 7.42 -23.52 N | 88.98 8.48 -14.91 N | 89.34 7.69 -18.04 N | 86.62 8.46 -10.56 N | 95.88 9.12 -12.86 N | 168.23 17.71 -10.22 N | 95.02 9.46 -5.59 N | 105.62 10.98 -1.59 N | 99.62 9.94 -9.86 N | 85.11 7.56 -19.93 N | 101.45 2.10 -85.04 N | 87.25 4.70 -41.07 N | 76.01 4.54 -28.59 N | | |
| HOLTSVILLE_IC_7 23696 | 41.17 3.50 0.00 N | 44.37 3.47 -1.77 N | 36.25 2.86 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.75 7.33 -8.60 N | 85.63 7.92 -13.72 N | 85.57 8.85 -8.57 N | 81.87 7.53 -19.56 N | 88.66 6.74 -31.40 N | 86.52 7.42 -23.52 N | 88.98 8.48 -14.91 N | 89.34 7.69 -18.04 N | 86.62 8.46 -10.56 N | 95.88 9.12 -12.86 N | 168.23 17.71 -10.22 N | 95.02 9.46 -5.59 N | 105.62 10.98 -1.59 N | 99.62 9.94 -9.86 N | 85.11 7.56 -19.93 N | 101.45 2.10 -85.04 N | 87.25 4.70 -41.07 N | 76.01 4.54 -28.59 N | | |
| HOLTSVILLE_IC_8 23697 | 41.17 3.50 0.00 N | 44.37 3.47 -1.77 N | 36.25 2.86 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.75 7.33 -8.60 N | 85.63 7.92 -13.72 N | 85.57 8.85 -8.57 N | 81.87 7.53 -19.56 N | 88.66 6.74 -31.40 N | 86.52 7.42 -23.52 N | 88.98 8.48 -14.91 N | 89.34 7.69 -18.04 N | 86.62 8.46 -10.56 N | 95.88 9.12 -12.86 N | 168.23 17.71 -10.22 N | 95.02 9.46 -5.59 N | 105.62 10.98 -1.59 N | 99.62 9.94 -9.86 N | 85.11 7.56 -19.93 N | 101.45 2.10 -85.04 N | 87.25 4.70 -41.07 N | 76.01 4.54 -28.59 N | | |
| HOLTSVILLE_IC_9 23698 | 41.17 3.50 0.00 N | 44.37 3.47 -1.77 N | 36.25 2.86 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.75 7.33 -8.60 N | 85.63 7.92 -13.72 N | 85.57 8.85 -8.57 N | 81.87 7.53 -19.56 N | 88.66 6.74 -31.40 N | 86.52 7.42 -23.52 N | 88.98 8.48 -14.91 N | 89.34 7.69 -18.04 N | 86.62 8.46 -10.56 N | 95.88 9.12 -12.86 N | 168.23 17.71 -10.22 N | 95.02 9.46 -5.59 N | 105.62 10.98 -1.59 N | 99.62 9.94 -9.86 N | 85.11 7.56 -19.93 N | 101.45 2.10 -85.04 N | 87.25 4.70 -41.07 N | 76.01 4.54 -28.59 N | | |
| HQ_GEN_CEDARS 23644 | 38.65 0.98 0.00 N | 40.20 1.07 0.00 N | 34.25 0.87 0.00 N | 51.38 1.45 0.00 N | 38.01 1.00 0.00 N | 51.38 1.09 0.00 N | 71.93 1.10 0.00 N | 60.49 -3.50 0.00 N | 64.25 -3.89 0.00 N | 51.50 -3.29 0.00 N | 47.50 -3.02 0.00 N | 52.64 -2.94 0.00 N | 65.65 0.07 0.00 N | 63.85 0.24 0.00 N | 67.81 0.21 0.00 N | 73.71 -0.19 0.00 N | 131.49 -8.81 0.00 N | 74.64 -5.33 0.00 N | 86.89 -6.15 0.00 N | 74.47 -5.35 0.00 N | 54.31 -3.31 0.00 N | 14.31 0.00 0.00 N | 41.64 0.16 0.00 N | 43.60 0.72 0.00 N | | |
| HQ_GEN_CHAT DC 23651 | 37.86 0.19 0.00 N | 39.44 0.31 0.00 N | 33.59 0.20 0.00 N | 46.16 0.47 -3.40 N | 37.26 0.25 0.00 N | 50.31 0.02 0.00 N | 69.94 -0.30 -6.06 N | 63.06 -0.92 0.00 N | 66.95 -1.20 0.00 N | 53.73 -1.06 0.00 N | 49.57 -0.95 0.00 N | 54.58 -1.01 0.00 N | 64.41 -1.17 0.00 N | 62.65 -0.95 0.00 N | 66.64 -0.97 0.00 N | 72.70 -1.20 0.00 N | 137.69 -2.61 0.00 N | 78.10 -1.87 0.00 N | 90.92 -2.12 0.00 N | 78.02 -1.80 0.00 N | 56.38 -1.23 0.00 N | 14.06 -0.26 0.00 N | 39.70 -0.55 2.35 N | 42.79 -0.09 0.00 N | | |
| HUDSON_AVE_GT_3 23810 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.17 1.79 0.00 N | 52.46 2.54 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.39 6.40 0.00 N | 75.53 7.38 0.00 N | 61.12 6.33 0.00 N | 56.30 5.78 0.00 N | 61.84 6.26 0.00 N | 73.01 7.42 0.00 N | 70.47 6.87 0.00 N | 75.00 7.40 0.00 N | 82.16 8.26 0.00 N | 156.40 16.10 0.00 N | 89.29 9.33 0.00 N | 103.46 10.41 0.00 N | 89.03 9.21 0.00 N | 64.15 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.89 3.90 -4.51 N | 46.28 3.40 0.00 N | | |
| HUDSON_AVE_GT_4 23540 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.17 1.79 0.00 N | 52.46 2.54 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.39 6.40 0.00 N | 75.53 7.38 0.00 N | 61.12 6.33 0.00 N | 56.30 5.78 0.00 N | 61.84 6.26 0.00 N | 73.01 7.42 0.00 N | 70.47 6.87 0.00 N | 75.00 7.40 0.00 N | 82.16 8.26 0.00 N | 156.40 16.10 0.00 N | 89.29 9.33 0.00 N | 103.46 10.41 0.00 N | 89.03 9.21 0.00 N | 64.15 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.89 3.90 -4.51 N | 46.28 3.40 0.00 N | | |
| HUDSON_AVE_GT_5 23657 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.17 1.79 0.00 N | 52.46 2.54 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.39 6.40 0.00 N | 75.53 7.38 0.00 N | 61.12 6.33 0.00 N | 56.30 5.78 0.00 N | 61.84 6.26 0.00 N | 73.01 7.42 0.00 N | 70.47 6.87 0.00 N | 75.00 7.40 0.00 N | 82.16 8.26 0.00 N | 156.40 16.10 0.00 N | 89.29 9.33 0.00 N | 103.46 10.41 0.00 N | 89.03 9.21 0.00 N | 64.15 6.53 0.00 N | 84.16 1.56 -68.28 N | 49.89 3.90 -4.51 N | 46.28 3.40 0.00 N | | |
| HUDSON_AVE_10 24168 | 39.93 2.26 0.00 N | 41.16 2.03 0.00 N | 35.05 1.67 0.00 N | 52.30 2.37 0.00 N | 38.94 1.93 0.00 N | 53.59 3.30 0.00 N | 76.40 5.58 0.00 N | 70.18 6.20 0.00 N | 75.31 7.16 0.00 N | 60.94 6.15 0.00 N | 56.07 5.55 0.00 N | 61.59 6.01 0.00 N | 72.78 7.20 0.00 N | 70.29 6.68 0.00 N | 74.80 7.20 0.00 N | 81.92 8.02 0.00 N | 155.87 15.57 0.00 N | 88.99 9.03 0.00 N | 103.14 10.09 0.00 N | 88.74 8.92 0.00 N | 63.95 6.34 0.00 N | 84.12 1.52 -68.28 N | 49.77 3.79 -4.51 N | 46.18 3.30 0.00 N | | |
| HUNTLEY___63 23557 | 33.89 -3.78 0.00 N | 35.05 -4.08 0.00 N | 30.22 -3.16 0.00 N | 44.61 -5.31 0.00 N | 33.36 -3.65 0.00 N | 45.38 -4.92 0.00 N | 63.04 -7.79 0.00 N | 58.09 -5.90 0.00 N | 61.69 -6.46 0.00 N | 49.31 -5.47 0.00 N | 45.33 -5.20 0.00 N | 49.96 -5.62 0.00 N | 58.90 -6.68 0.00 N | 57.10 -6.50 0.00 N | 60.40 -7.20 0.00 N | 66.62 -7.28 0.00 N | 126.36 -13.94 0.00 N | 73.70 -6.27 0.00 N | 87.29 -5.76 0.00 N | 74.32 -5.50 0.00 N | 53.37 -4.25 0.00 N | 23.46 -1.27 -10.42 N | 38.06 -4.10 -0.69 N | 38.42 -4.46 0.00 N | | |
| HUNTLEY___64 23558 | 33.89 -3.78 0.00 N | 35.05 -4.08 0.00 N | 30.22 -3.16 0.00 N | 44.61 -5.31 0.00 N | 33.36 -3.65 0.00 N | 45.38 -4.92 0.00 N | 63.04 -7.79 0.00 N | 58.09 -5.90 0.00 N | 61.69 -6.46 0.00 N | 49.31 -5.47 0.00 N | 45.33 -5.20 0.00 N | 49.96 -5.62 0.00 N | 58.90 -6.68 0.00 N | 57.10 -6.50 0.00 N | 60.40 -7.20 0.00 N | 66.62 -7.28 0.00 N | 126.36 -13.94 0.00 N | 73.70 -6.27 0.00 N | 87.29 -5.76 0.00 N | 74.32 -5.50 0.00 N | 53.37 -4.25 0.00 N | 23.46 -1.27 -10.42 N | 38.06 -4.10 -0.69 N | 38.42 -4.46 0.00 N | | |
| HUNTLEY___65 23559 | 33.89 -3.78 0.00 N | 35.05 -4.08 0.00 N | 30.22 -3.16 0.00 N | 44.61 -5.31 0.00 N | 33.36 -3.65 0.00 N | 45.38 -4.92 0.00 N | 63.04 -7.79 0.00 N | 58.09 -5.90 0.00 N | 61.69 -6.46 0.00 N | 49.31 -5.47 0.00 N | 45.33 -5.20 0.00 N | 49.96 -5.62 0.00 N | 58.90 -6.68 0.00 N | 57.10 -6.50 0.00 N | 60.40 -7.20 0.00 N | 66.62 -7.28 0.00 N | 126.36 -13.94 0.00 N | 73.70 -6.27 0.00 N | 87.29 -5.76 0.00 N | 74.32 -5.50 0.00 N | 53.37 -4.25 0.00 N | 23.46 -1.27 -10.42 N | 38.06 -4.10 -0.69 N | 38.42 -4.46 0.00 N | | |
| HUNTLEY___66 | 33.89 | 35.05 | 30.22 | 44.61 | 33.36 | 45.38 | 63.04 | 58.09 | 61.69 | 49.31 | 45.33 | 49.96 | 58.90 | 57.10 | 60.40 | 66.62 | 126.36 | 73.70 | 87.29 | 74.32 | 53.37 | 23.46 | 38.06 | 38.42 | | |

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| 23560 | -3.78 0.00 N | -4.08 0.00 N | -3.16 0.00 N | -5.31 0.00 N | -3.65 0.00 N | -4.92 0.00 N | -7.79 0.00 N | -5.90 0.00 N | -6.46 0.00 N | -5.47 0.00 N | -5.20 0.00 N | -5.62 0.00 N | -6.68 0.00 N | -6.50 0.00 N | -7.20 0.00 N | -7.28 0.00 N | -13.94 0.00 N | -6.27 0.00 N | -5.76 0.00 N | -5.50 0.00 N | -4.25 0.00 N | -1.27 -10.42 N | -4.10 -0.69 N | -4.46 0.00 N |
| HUNTLEY____67 23561 | 33.33 -4.34 0.00 N | 34.43 -4.70 0.00 N | 29.69 -3.70 0.00 N | 43.81 -6.12 0.00 N | 32.77 -4.24 0.00 N | 44.49 -5.80 0.00 N | 61.68 -9.15 0.00 N | 56.78 -7.20 0.00 N | 60.21 -7.94 0.00 N | 48.11 -6.68 0.00 N | 44.21 -6.31 0.00 N | 48.71 -6.87 0.00 N | 57.42 -8.16 0.00 N | 55.70 -7.91 0.00 N | 58.93 -8.67 0.00 N | 65.02 -8.87 0.00 N | 123.47 -16.83 0.00 N | 71.98 -7.99 0.00 N | 85.31 -7.74 0.00 N | 72.62 -7.20 0.00 N | 52.11 -5.51 0.00 N | 23.13 -1.60 -10.42 N | 37.24 -4.93 -0.69 N | 37.61 -5.26 0.00 N |
| HUNTLEY____68 23562 | 33.33 -4.34 0.00 N | 34.43 -4.70 0.00 N | 29.69 -3.70 0.00 N | 43.81 -6.12 0.00 N | 32.77 -4.24 0.00 N | 44.49 -5.80 0.00 N | 61.68 -9.15 0.00 N | 56.78 -7.20 0.00 N | 60.21 -7.94 0.00 N | 48.11 -6.68 0.00 N | 44.21 -6.31 0.00 N | 48.71 -6.87 0.00 N | 57.42 -8.16 0.00 N | 55.70 -7.91 0.00 N | 58.93 -8.67 0.00 N | 65.02 -8.87 0.00 N | 123.47 -16.83 0.00 N | 71.98 -7.99 0.00 N | 85.31 -7.74 0.00 N | 72.62 -7.20 0.00 N | 52.11 -5.51 0.00 N | 23.13 -1.60 -10.42 N | 37.24 -4.93 -0.69 N | 37.61 -5.26 0.00 N |
| INDECK____CORINTH 23802 | 39.23 1.56 0.00 N | 40.39 1.26 0.00 N | 34.15 0.76 0.00 N | 50.96 1.03 0.00 N | 37.95 0.94 0.00 N | 52.19 1.90 0.00 N | 74.70 3.88 0.00 N | 67.92 3.93 0.00 N | 73.48 5.34 0.00 N | 59.10 4.31 0.00 N | 54.39 3.87 0.00 N | 59.49 3.91 0.00 N | 70.54 4.96 0.00 N | 68.27 4.66 0.00 N | 72.43 4.84 0.00 N | 79.11 5.21 0.00 N | 151.36 11.06 0.00 N | 86.34 6.37 0.00 N | 99.97 6.92 0.00 N | 85.71 5.89 0.00 N | 61.82 4.20 0.00 N | 105.39 1.08 -90.00 N | 50.28 2.86 -5.94 N | 45.58 2.70 0.00 N |
| INDECK____ILION 23567 | 38.48 0.81 0.00 N | 39.85 0.72 0.00 N | 34.01 0.63 0.00 N | 50.77 0.84 0.00 N | 37.68 0.67 0.00 N | 51.48 1.19 0.00 N | 72.87 2.04 0.00 N | 66.11 2.13 0.00 N | 70.60 2.45 0.00 N | 56.89 2.10 0.00 N | 52.47 1.95 0.00 N | 57.67 2.10 0.00 N | 68.06 2.48 0.00 N | 65.94 2.34 0.00 N | 70.09 2.49 0.00 N | 76.68 2.78 0.00 N | 145.96 5.66 0.00 N | 83.38 3.42 0.00 N | 96.74 3.69 0.00 N | 83.00 3.18 0.00 N | 59.83 2.21 0.00 N | 13.22 0.54 1.63 N | 42.82 1.45 0.11 N | 44.12 1.24 0.00 N |
| INDECK____OLEAN 23982 | 34.70 -2.98 0.00 N | 35.68 -3.46 0.00 N | 30.73 -2.65 0.00 N | 45.62 -4.31 0.00 N | 33.97 -3.04 0.00 N | 46.39 -3.90 0.00 N | 65.78 -5.05 0.00 N | 60.90 -3.08 0.00 N | 64.79 -3.36 0.00 N | 51.83 -2.96 0.00 N | 47.65 -2.87 0.00 N | 52.32 -3.26 0.00 N | 61.60 -3.99 0.00 N | 59.63 -3.98 0.00 N | 63.32 -4.28 0.00 N | 70.19 -3.71 0.00 N | 133.22 -7.09 0.00 N | 78.18 -1.79 0.00 N | 91.83 -1.22 0.00 N | 78.14 -1.68 0.00 N | 55.83 -1.79 0.00 N | 25.73 -0.75 -12.18 N | 39.60 -2.68 -0.80 N | 39.82 -3.06 0.00 N |
| INDECK____OSWEGO 23783 | 36.49 -1.19 0.00 N | 37.81 -1.33 0.00 N | 32.30 -1.09 0.00 N | 48.22 -1.71 0.00 N | 35.80 -1.21 0.00 N | 48.78 -1.51 0.00 N | 68.91 -1.92 0.00 N | 62.67 -1.32 0.00 N | 66.76 -1.39 0.00 N | 53.57 -1.22 0.00 N | 49.39 -1.14 0.00 N | 54.31 -1.28 0.00 N | 63.90 -1.68 0.00 N | 61.85 -1.75 0.00 N | 65.68 -1.92 0.00 N | 71.91 -1.98 0.00 N | 136.57 -3.73 0.00 N | 78.37 -1.59 0.00 N | 91.38 -1.67 0.00 N | 78.21 -1.61 0.00 N | 56.34 -1.28 0.00 N | 18.85 -0.36 -4.90 N | 40.53 -1.28 -0.32 N | 41.38 -1.50 0.00 N |
| INDECK____YERKES 23781 | 33.89 -3.78 0.00 N | 35.05 -4.08 0.00 N | 30.22 -3.16 0.00 N | 44.61 -5.31 0.00 N | 33.36 -3.65 0.00 N | 45.38 -4.92 0.00 N | 63.04 -7.79 0.00 N | 58.09 -5.90 0.00 N | 61.69 -6.46 0.00 N | 49.31 -5.47 0.00 N | 45.33 -5.20 0.00 N | 49.96 -5.62 0.00 N | 58.90 -6.68 0.00 N | 57.10 -6.50 0.00 N | 60.40 -7.20 0.00 N | 66.62 -7.28 0.00 N | 126.36 -13.94 0.00 N | 73.70 -6.27 0.00 N | 87.29 -5.76 0.00 N | 74.32 -5.50 0.00 N | 53.37 -4.25 0.00 N | 23.46 -1.27 -10.42 N | 38.06 -4.10 -0.69 N | 38.42 -4.46 0.00 N |
| INDIAN POINT_GT_1 24139 | 39.65 1.98 0.00 N | 40.96 1.83 0.00 N | 34.91 1.52 0.00 N | 52.09 2.17 0.00 N | 38.77 1.76 0.00 N | 53.27 2.98 0.00 N | 75.86 5.03 0.00 N | 69.62 5.63 0.00 N | 74.64 6.49 0.00 N | 60.33 5.55 0.00 N | 55.57 5.04 0.00 N | 61.02 5.43 0.00 N | 72.08 6.49 0.00 N | 69.60 6.00 0.00 N | 74.04 6.44 0.00 N | 81.11 7.21 0.00 N | 154.42 14.12 0.00 N | 88.26 8.30 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.46 5.85 0.00 N | 83.38 1.41 -67.66 N | 49.39 3.44 -4.47 N | 45.85 2.97 0.00 N |
| INDIAN POINT_GT_2 23659 | 39.65 1.98 0.00 N | 40.96 1.83 0.00 N | 34.91 1.52 0.00 N | 52.09 2.17 0.00 N | 38.77 1.76 0.00 N | 53.27 2.98 0.00 N | 75.86 5.03 0.00 N | 69.62 5.63 0.00 N | 74.64 6.49 0.00 N | 60.33 5.55 0.00 N | 55.57 5.04 0.00 N | 61.02 5.43 0.00 N | 72.08 6.49 0.00 N | 69.60 6.00 0.00 N | 74.04 6.44 0.00 N | 81.11 7.21 0.00 N | 154.42 14.12 0.00 N | 88.26 8.30 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.46 5.85 0.00 N | 83.38 1.41 -67.66 N | 49.39 3.44 -4.47 N | 45.85 2.97 0.00 N |
| INDIAN POINT_GT_3 24019 | 39.65 1.98 0.00 N | 40.96 1.83 0.00 N | 34.91 1.52 0.00 N | 52.09 2.17 0.00 N | 38.77 1.76 0.00 N | 53.27 2.98 0.00 N | 75.86 5.03 0.00 N | 69.62 5.63 0.00 N | 74.64 6.49 0.00 N | 60.33 5.55 0.00 N | 55.57 5.04 0.00 N | 61.02 5.43 0.00 N | 72.08 6.49 0.00 N | 69.60 6.00 0.00 N | 74.04 6.44 0.00 N | 81.11 7.21 0.00 N | 154.42 14.12 0.00 N | 88.26 8.30 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.46 5.85 0.00 N | 83.38 1.41 -67.66 N | 49.39 3.44 -4.47 N | 45.85 2.97 0.00 N |
| INDIAN POINT____2 23530 | 39.57 1.90 0.00 N | 40.86 1.73 0.00 N | 34.84 1.45 0.00 N | 51.98 2.05 0.00 N | 38.69 1.68 0.00 N | 53.16 2.87 0.00 N | 75.70 4.87 0.00 N | 69.48 5.50 0.00 N | 74.50 6.36 0.00 N | 60.21 5.42 0.00 N | 55.45 4.92 0.00 N | 60.89 5.31 0.00 N | 71.91 6.33 0.00 N | 69.44 5.84 0.00 N | 73.86 6.26 0.00 N | 80.91 7.01 0.00 N | 154.08 13.78 0.00 N | 88.07 8.11 0.00 N | 102.23 9.18 0.00 N | 87.92 8.10 0.00 N | 63.34 5.73 0.00 N | 82.74 1.40 -67.03 N | 49.25 3.34 -4.42 N | 45.74 2.86 0.00 N |
| INDIAN POINT____3 23531 | 39.54 1.87 0.00 N | 40.84 1.71 0.00 N | 34.81 1.42 0.00 N | 51.94 2.02 0.00 N | 38.66 1.65 0.00 N | 53.12 2.82 0.00 N | 75.62 4.79 0.00 N | 69.38 5.40 0.00 N | 74.39 6.24 0.00 N | 60.13 5.34 0.00 N | 55.39 4.86 0.00 N | 60.82 5.24 0.00 N | 71.83 6.24 0.00 N | 69.36 5.76 0.00 N | 73.78 6.18 0.00 N | 80.83 6.93 0.00 N | 153.90 13.60 0.00 N | 87.95 7.98 0.00 N | 102.06 9.01 0.00 N | 87.76 7.94 0.00 N | 63.24 5.63 0.00 N | 83.33 1.36 -67.66 N | 49.25 3.30 -4.47 N | 45.71 2.83 0.00 N |
| IP CORINTH____1 23988 | 39.28 1.60 0.00 N | 40.43 1.30 0.00 N | 34.19 0.80 0.00 N | 51.02 1.09 0.00 N | 38.00 0.99 0.00 N | 52.24 1.95 0.00 N | 74.79 3.96 0.00 N | 68.03 4.05 0.00 N | 73.60 5.45 0.00 N | 59.19 4.40 0.00 N | 54.48 3.95 0.00 N | 59.58 4.00 0.00 N | 70.66 5.07 0.00 N | 68.37 4.76 0.00 N | 72.54 4.94 0.00 N | 79.22 5.33 0.00 N | 151.63 11.33 0.00 N | 86.49 6.52 0.00 N | 100.13 7.08 0.00 N | 85.84 6.02 0.00 N | 61.92 4.30 0.00 N | 105.40 1.09 -90.00 N | 50.34 2.92 -5.94 N | 45.63 2.75 0.00 N |

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| IP____TICONDEROGA 23804 | 40.34 2.67 0.00 N | 41.59 2.46 0.00 N | 35.16 1.78 0.00 N | 52.39 2.46 0.00 N | 38.92 1.91 0.00 N | 53.81 3.52 0.00 N | 77.51 6.68 0.00 N | 70.22 6.24 0.00 N | 75.97 7.82 0.00 N | 61.25 6.46 0.00 N | 56.42 5.89 0.00 N | 61.77 6.19 0.00 N | 73.46 7.88 0.00 N | 71.10 7.50 0.00 N | 75.51 7.91 0.00 N | 82.46 8.56 0.00 N | 158.36 18.05 0.00 N | 89.78 9.81 0.00 N | 103.67 10.62 0.00 N | 89.02 9.20 0.00 N | 64.28 6.66 0.00 N | 103.26 1.71 -87.24 N | 51.61 4.37 -5.76 N | 46.75 3.87 0.00 N |
| JARVIS____ 23743 | 37.74 0.07 0.00 N | 39.17 0.04 0.00 N | 33.42 0.03 0.00 N | 49.97 0.05 0.00 N | 37.05 0.04 0.00 N | 50.44 0.15 0.00 N | 71.17 0.34 0.00 N | 64.43 0.45 0.00 N | 68.70 0.54 0.00 N | 55.24 0.45 0.00 N | 50.93 0.41 0.00 N | 56.03 0.44 0.00 N | 66.11 0.52 0.00 N | 64.05 0.45 0.00 N | 68.08 0.47 0.00 N | 74.45 0.56 0.00 N | 141.46 1.16 0.00 N | 80.68 0.72 0.00 N | 93.86 0.81 0.00 N | 80.52 0.71 0.00 N | 58.08 0.46 0.00 N | 12.79 0.11 1.63 N | 41.64 0.26 0.11 N | 43.05 0.18 0.00 N |
| JENNISON____1 23625 | 37.51 -0.16 0.00 N | 38.76 -0.37 0.00 N | 33.20 -0.19 0.00 N | 49.55 -0.38 0.00 N | 36.77 -0.24 0.00 N | 50.31 0.02 0.00 N | 71.64 0.81 0.00 N | 65.59 1.61 0.00 N | 69.97 1.82 0.00 N | 56.25 1.46 0.00 N | 51.82 1.29 0.00 N | 57.02 1.43 0.00 N | 67.08 1.49 0.00 N | 64.91 1.30 0.00 N | 68.97 1.36 0.00 N | 75.80 1.90 0.00 N | 144.17 3.87 0.00 N | 83.19 3.23 0.00 N | 96.86 3.81 0.00 N | 82.74 2.92 0.00 N | 59.48 1.87 0.00 N | 38.15 0.37 -23.47 N | 43.53 0.50 -1.55 N | 43.04 0.16 0.00 N |
| JENNISON____2 23626 | 37.48 -0.19 0.00 N | 38.73 -0.40 0.00 N | 33.17 -0.22 0.00 N | 49.50 -0.43 0.00 N | 36.74 -0.27 0.00 N | 50.27 0.02 0.00 N | 71.56 0.72 0.00 N | 65.50 1.51 0.00 N | 69.88 1.73 0.00 N | 56.18 1.39 0.00 N | 51.75 1.23 0.00 N | 56.94 1.36 0.00 N | 67.00 1.41 0.00 N | 64.82 1.22 0.00 N | 68.87 1.27 0.00 N | 75.71 1.81 0.00 N | 143.99 3.69 0.00 N | 83.06 3.10 0.00 N | 96.72 3.68 0.00 N | 82.62 2.80 0.00 N | 59.40 1.79 0.00 N | 38.13 0.35 -23.47 N | 43.48 0.45 -1.55 N | 43.00 0.12 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 41.10 3.43 0.00 N | 44.29 3.39 -1.77 N | 36.18 2.79 0.00 N | 53.90 3.97 0.00 N | 40.17 3.17 0.00 N | 73.37 5.21 -17.86 N | 86.45 7.02 -8.60 N | 85.34 7.64 -13.72 N | 85.28 8.56 -8.57 N | 81.64 7.29 -19.56 N | 88.43 6.51 -31.40 N | 86.27 7.17 -23.52 N | 88.69 8.19 -14.91 N | 89.03 7.38 -18.04 N | 86.33 8.17 -10.56 N | 95.50 8.74 -12.86 N | 167.41 16.89 -10.22 N | 94.11 8.56 -5.59 N | 104.56 9.91 -1.59 N | 98.85 9.17 -9.86 N | 84.82 7.28 -19.93 N | 101.39 2.03 -85.04 N | 87.07 4.52 -41.07 N | 75.90 4.43 -28.59 N |
| KEDC PORT_JEFF_GT3 24211 | 41.10 3.43 0.00 N | 44.29 3.39 -1.77 N | 36.18 2.79 0.00 N | 53.90 3.97 0.00 N | 40.17 3.17 0.00 N | 73.37 5.21 -17.86 N | 86.45 7.02 -8.60 N | 85.34 7.64 -13.72 N | 85.28 8.56 -8.57 N | 81.64 7.29 -19.56 N | 88.43 6.51 -31.40 N | 86.27 7.17 -23.52 N | 88.69 8.19 -14.91 N | 89.03 7.38 -18.04 N | 86.33 8.17 -10.56 N | 95.50 8.74 -12.86 N | 167.41 16.89 -10.22 N | 94.11 8.56 -5.59 N | 104.56 9.91 -1.59 N | 98.85 9.17 -9.86 N | 84.82 7.28 -19.93 N | 101.39 2.03 -85.04 N | 87.07 4.52 -41.07 N | 75.90 4.43 -28.59 N |
| KEDC_GLWD_GT4 24219 | 40.53 2.85 0.00 N | 43.59 2.69 -1.77 N | 35.62 2.23 0.00 N | 53.11 3.18 0.00 N | 39.55 2.54 0.00 N | 72.33 4.18 -17.86 N | 86.04 6.61 -8.60 N | 84.97 7.26 -13.72 N | 85.00 8.27 -8.57 N | 81.41 7.07 -19.56 N | 88.38 6.46 -31.40 N | 86.07 6.97 -23.52 N | 88.78 8.29 -14.91 N | 89.31 7.66 -18.04 N | 86.42 8.26 -10.56 N | 95.90 9.14 -12.86 N | 168.31 17.79 -10.22 N | 95.57 10.02 -5.59 N | 105.81 11.17 -1.59 N | 99.54 9.86 -9.86 N | 84.92 7.38 -19.93 N | 101.21 1.86 -85.04 N | 86.99 4.44 -41.07 N | 75.47 4.00 -28.59 N |
| KEDC_GLWD_GT5 24220 | 40.53 2.85 0.00 N | 43.59 2.69 -1.77 N | 35.62 2.23 0.00 N | 53.11 3.18 0.00 N | 39.55 2.54 0.00 N | 72.33 4.18 -17.86 N | 86.04 6.61 -8.60 N | 84.97 7.26 -13.72 N | 85.00 8.27 -8.57 N | 81.41 7.07 -19.56 N | 88.38 6.46 -31.40 N | 86.07 6.97 -23.52 N | 88.78 8.29 -14.91 N | 89.31 7.66 -18.04 N | 86.42 8.26 -10.56 N | 95.90 9.14 -12.86 N | 168.31 17.79 -10.22 N | 95.57 10.02 -5.59 N | 105.81 11.17 -1.59 N | 99.54 9.86 -9.86 N | 84.92 7.38 -19.93 N | 101.21 1.86 -85.04 N | 86.99 4.44 -41.07 N | 75.47 4.00 -28.59 N |
| KENSICO____ 23655 | 39.83 2.16 0.00 N | 41.12 1.99 0.00 N | 35.04 1.65 0.00 N | 52.28 2.35 0.00 N | 38.91 1.90 0.00 N | 53.49 3.19 0.00 N | 76.16 5.33 0.00 N | 69.87 5.89 0.00 N | 74.94 6.79 0.00 N | 60.58 5.79 0.00 N | 55.81 5.28 0.00 N | 61.29 5.71 0.00 N | 72.39 6.81 0.00 N | 69.92 6.31 0.00 N | 74.37 6.77 0.00 N | 81.48 7.58 0.00 N | 155.08 14.79 0.00 N | 88.60 8.64 0.00 N | 102.77 9.72 0.00 N | 88.38 8.56 0.00 N | 63.69 6.08 0.00 N | 83.94 1.47 -68.16 N | 49.60 3.62 -4.50 N | 46.03 3.15 0.00 N |
| KIAC_JFK_GT1 23816 | 40.07 2.40 0.00 N | 41.23 2.10 0.00 N | 35.08 1.69 0.00 N | 52.33 2.40 0.00 N | 38.97 1.96 0.00 N | 53.72 3.43 0.00 N | 76.57 5.74 0.00 N | 70.39 6.40 0.00 N | 75.60 7.45 0.00 N | 61.15 6.36 0.00 N | 55.97 5.45 0.00 N | 61.57 6.00 0.00 N | 72.80 7.22 0.00 N | 70.44 6.84 0.00 N | 75.00 7.40 0.00 N | 82.04 8.14 0.00 N | 155.67 15.37 0.00 N | 88.83 8.87 0.00 N | 103.00 9.95 0.00 N | 88.53 8.71 0.00 N | 63.82 6.20 0.00 N | 84.05 1.45 -68.28 N | 49.91 3.93 -4.51 N | 46.40 3.52 0.00 N |
| KIAC_JFK_GT2 23817 | 40.07 2.40 0.00 N | 41.23 2.10 0.00 N | 35.08 1.69 0.00 N | 52.33 2.40 0.00 N | 38.97 1.96 0.00 N | 53.72 3.43 0.00 N | 76.57 5.74 0.00 N | 70.39 6.40 0.00 N | 75.60 7.45 0.00 N | 61.15 6.36 0.00 N | 55.97 5.45 0.00 N | 61.57 6.00 0.00 N | 72.80 7.22 0.00 N | 70.44 6.84 0.00 N | 75.00 7.40 0.00 N | 82.04 8.14 0.00 N | 155.67 15.37 0.00 N | 88.83 8.87 0.00 N | 103.00 9.95 0.00 N | 88.53 8.71 0.00 N | 63.82 6.20 0.00 N | 84.05 1.45 -68.28 N | 49.91 3.93 -4.51 N | 46.40 3.52 0.00 N |
| KINTIGH____ 23543 | 33.43 -4.25 0.00 N | 34.58 -4.55 0.00 N | 29.75 -3.64 0.00 N | 43.98 -5.94 0.00 N | 32.87 -4.14 0.00 N | 44.64 -5.65 0.00 N | 62.01 -8.83 0.00 N | 56.87 -7.12 0.00 N | 60.32 -7.83 0.00 N | 48.28 -6.51 0.00 N | 44.38 -6.14 0.00 N | 48.91 -6.67 0.00 N | 57.64 -7.94 0.00 N | 55.92 -7.68 0.00 N | 59.17 -8.43 0.00 N | 65.13 -8.76 0.00 N | 123.71 -16.59 0.00 N | 71.80 -8.16 0.00 N | 84.93 -8.12 0.00 N | 72.39 -7.43 0.00 N | 51.99 -5.63 0.00 N | 21.40 -1.57 -8.66 N | 37.21 -4.84 -0.57 N | 37.71 -5.17 0.00 N |
| LEDERLE____ 23769 | 39.99 2.32 0.00 N | 41.31 2.18 0.00 N | 35.21 1.82 0.00 N | 52.54 2.62 0.00 N | 39.12 2.10 0.00 N | 53.76 3.47 0.00 N | 76.61 5.78 0.00 N | 70.39 6.41 0.00 N | 75.43 7.28 0.00 N | 60.96 6.17 0.00 N | 56.14 5.62 0.00 N | 61.65 6.06 0.00 N | 72.79 7.21 0.00 N | 70.28 6.68 0.00 N | 74.75 7.15 0.00 N | 81.92 8.03 0.00 N | 156.03 15.73 0.00 N | 89.31 9.34 0.00 N | 103.72 10.67 0.00 N | 89.14 9.32 0.00 N | 64.21 6.59 0.00 N | 81.69 1.61 -65.77 N | 49.69 3.87 -4.34 N | 46.27 3.39 0.00 N |
| LINDEN COGEN____ 23786 | 39.88 2.21 0.00 N | 41.11 1.98 0.00 N | 35.01 1.62 0.00 N | 52.22 2.29 0.00 N | 38.90 1.89 0.00 N | 53.53 3.23 0.00 N | 76.28 5.46 0.00 N | 70.06 6.08 0.00 N | 75.18 7.03 0.00 N | 60.83 6.05 0.00 N | 56.03 5.51 0.00 N | 61.54 5.96 0.00 N | 72.68 7.09 0.00 N | 70.15 6.54 0.00 N | 74.64 7.04 0.00 N | 81.80 7.90 0.00 N | 155.72 15.42 0.00 N | 88.92 8.95 0.00 N | 103.02 9.97 0.00 N | 88.69 8.87 0.00 N | 63.87 6.25 0.00 N | 84.05 1.45 -68.28 N | 49.70 3.71 -4.51 N | 46.09 3.21 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| LIPA_MISC_IPP 23656 | 41.06 3.39 0.00 N | 44.31 3.41 -1.77 N | 36.20 2.81 0.00 N | 53.93 4.00 0.00 N | 40.21 3.20 0.00 N | 73.44 5.28 -17.86 N | 86.60 7.18 -8.60 N | 85.39 7.68 -13.72 N | 85.18 8.46 -8.57 N | 81.53 7.19 -19.56 N | 88.35 6.43 -31.40 N | 86.19 7.09 -23.52 N | 88.54 8.04 -14.91 N | 88.89 7.24 -18.04 N | 86.16 8.00 -10.56 N | 95.39 8.63 -12.86 N | 167.27 16.75 -10.22 N | 94.54 8.98 -5.59 N | 105.11 10.47 -1.59 N | 99.19 9.51 -9.86 N | 84.74 7.20 -19.93 N | 101.37 2.01 -85.04 N | 87.08 4.54 -41.07 N | 75.81 4.34 -28.59 N | |
| LITTLE FALLS___HYD 24013 | 39.37 1.70 0.00 N | 40.67 1.54 0.00 N | 34.70 1.31 0.00 N | 51.72 1.79 0.00 N | 38.42 1.41 0.00 N | 52.71 2.42 0.00 N | 74.95 4.12 0.00 N | 68.15 4.16 0.00 N | 72.94 4.79 0.00 N | 58.92 4.13 0.00 N | 54.34 3.82 0.00 N | 59.67 4.09 0.00 N | 70.49 4.91 0.00 N | 68.25 4.65 0.00 N | 72.57 4.97 0.00 N | 79.40 5.49 0.00 N | 151.48 11.18 0.00 N | 86.63 6.66 0.00 N | 100.18 7.13 0.00 N | 86.05 6.23 0.00 N | 61.93 4.31 0.00 N | 13.77 1.09 1.63 N | 44.34 2.96 0.11 N | 45.46 2.58 0.00 N | |
| LONG LAKE_PHOENIX 24014 | 36.64 -1.03 0.00 N | 37.96 -1.17 0.00 N | 32.43 -0.96 0.00 N | 48.41 -1.52 0.00 N | 35.94 -1.07 0.00 N | 48.99 -1.30 0.00 N | 69.27 -1.56 0.00 N | 63.06 -0.93 0.00 N | 67.18 -0.97 0.00 N | 53.93 -0.86 0.00 N | 49.71 -0.81 0.00 N | 54.69 -0.89 0.00 N | 64.36 -1.22 0.00 N | 62.31 -1.29 0.00 N | 66.15 -1.45 0.00 N | 72.48 -1.42 0.00 N | 137.68 -2.62 0.00 N | 79.07 -0.90 0.00 N | 92.20 -0.85 0.00 N | 78.89 -0.93 0.00 N | 56.80 -0.82 0.00 N | 19.10 -0.24 -5.02 N | 40.78 -1.03 -0.33 N | 41.61 -1.27 0.00 N | |
| LOVETT___3 23632 | 39.30 1.62 0.00 N | 40.61 1.47 0.00 N | 34.61 1.22 0.00 N | 51.65 1.73 0.00 N | 38.45 1.44 0.00 N | 52.82 2.52 0.00 N | 75.19 4.36 0.00 N | 69.04 5.05 0.00 N | 74.03 5.88 0.00 N | 59.81 5.02 0.00 N | 55.08 4.56 0.00 N | 60.48 4.90 0.00 N | 71.42 5.84 0.00 N | 68.95 5.34 0.00 N | 73.33 5.73 0.00 N | 80.35 6.45 0.00 N | 152.96 12.66 0.00 N | 87.45 7.48 0.00 N | 101.52 8.47 0.00 N | 87.29 7.47 0.00 N | 62.92 5.30 0.00 N | 81.74 1.28 -66.15 N | 48.89 3.05 -4.37 N | 45.44 2.57 0.00 N | |
| LOVETT___4 23642 | 39.61 1.94 0.00 N | 40.92 1.79 0.00 N | 34.87 1.49 0.00 N | 52.05 2.13 0.00 N | 38.74 1.73 0.00 N | 53.25 2.95 0.00 N | 75.83 5.00 0.00 N | 69.64 5.66 0.00 N | 74.69 6.54 0.00 N | 60.35 5.56 0.00 N | 55.58 5.06 0.00 N | 61.02 5.43 0.00 N | 72.07 6.49 0.00 N | 69.58 5.98 0.00 N | 74.00 6.40 0.00 N | 81.10 7.20 0.00 N | 154.38 14.08 0.00 N | 88.33 8.36 0.00 N | 102.53 9.48 0.00 N | 88.16 8.34 0.00 N | 63.52 5.90 0.00 N | 82.01 1.42 -66.28 N | 49.29 3.44 -4.37 N | 45.83 2.96 0.00 N | |
| LOVETT___5 23593 | 39.61 1.94 0.00 N | 40.92 1.79 0.00 N | 34.87 1.49 0.00 N | 52.05 2.13 0.00 N | 38.74 1.73 0.00 N | 53.25 2.95 0.00 N | 75.83 5.00 0.00 N | 69.64 5.66 0.00 N | 74.69 6.54 0.00 N | 60.35 5.56 0.00 N | 55.58 5.06 0.00 N | 61.02 5.43 0.00 N | 72.07 6.49 0.00 N | 69.58 5.98 0.00 N | 74.00 6.40 0.00 N | 81.10 7.20 0.00 N | 154.38 14.08 0.00 N | 88.33 8.36 0.00 N | 102.53 9.48 0.00 N | 88.16 8.34 0.00 N | 63.52 5.90 0.00 N | 82.01 1.42 -66.28 N | 49.29 3.44 -4.37 N | 45.83 2.96 0.00 N | |
| LOWER RAQUET___HYD 24057 | 36.88 -0.79 0.00 N | 38.37 -0.76 0.00 N | 32.67 -0.71 0.00 N | 49.02 -0.91 0.00 N | 36.27 -0.74 0.00 N | 49.02 -1.28 0.00 N | 68.74 -2.09 0.00 N | 61.05 -2.93 0.00 N | 64.74 -3.41 0.00 N | 51.93 -2.85 0.00 N | 47.92 -2.61 0.00 N | 52.84 -2.74 0.00 N | 62.76 -2.82 0.00 N | 61.05 -2.55 0.00 N | 64.85 -2.75 0.00 N | 70.60 -3.29 0.00 N | 132.94 -7.36 0.00 N | 75.33 -4.63 0.00 N | 87.71 -5.34 0.00 N | 75.19 -4.63 0.00 N | 54.34 -3.28 0.00 N | 13.68 -0.64 0.00 N | 39.67 -1.81 0.00 N | 41.57 -1.31 0.00 N | |
| LOWER___HUDSON 24059 | 38.81 1.13 0.00 N | 40.20 1.06 0.00 N | 34.21 0.82 0.00 N | 51.04 1.12 0.00 N | 37.90 0.89 0.00 N | 51.87 1.58 0.00 N | 73.68 2.85 0.00 N | 66.69 2.70 0.00 N | 71.54 3.39 0.00 N | 57.76 2.97 0.00 N | 53.22 2.70 0.00 N | 58.33 2.75 0.00 N | 69.13 3.55 0.00 N | 67.06 3.45 0.00 N | 71.18 3.58 0.00 N | 77.66 3.76 0.00 N | 148.41 8.11 0.00 N | 84.43 4.47 0.00 N | 97.79 4.73 0.00 N | 83.95 4.13 0.00 N | 60.64 3.02 0.00 N | 102.28 0.73 -87.24 N | 49.62 2.38 -5.76 N | 44.93 2.05 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 36.40 -1.28 0.00 N | 37.76 -1.37 0.00 N | 32.18 -1.21 0.00 N | 48.19 -1.73 0.00 N | 35.72 -1.29 0.00 N | 48.52 -1.78 0.00 N | 68.37 -2.45 0.00 N | 61.38 -2.61 0.00 N | 65.28 -2.87 0.00 N | 52.39 -2.40 0.00 N | 48.35 -2.18 0.00 N | 53.23 -2.35 0.00 N | 63.03 -2.56 0.00 N | 61.18 -2.42 0.00 N | 64.96 -2.65 0.00 N | 70.86 -3.04 0.00 N | 134.08 -6.22 0.00 N | 76.42 -3.54 0.00 N | 88.99 -4.06 0.00 N | 76.18 -3.64 0.00 N | 54.92 -2.69 0.00 N | 13.72 -0.59 0.00 N | 39.61 -1.87 0.00 N | 41.18 -1.70 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 37.44 -0.23 0.00 N | 38.90 -0.23 0.00 N | 33.19 -0.20 0.00 N | 49.63 -0.29 0.00 N | 36.79 -0.22 0.00 N | 49.95 -0.35 0.00 N | 70.37 -0.46 0.00 N | 63.55 -0.44 0.00 N | 67.68 -0.47 0.00 N | 54.45 -0.34 0.00 N | 50.30 -0.23 0.00 N | 55.37 -0.21 0.00 N | 65.39 -0.20 0.00 N | 63.22 -0.39 0.00 N | 67.12 -0.48 0.00 N | 73.43 -0.47 0.00 N | 139.56 -0.74 0.00 N | 79.26 -0.71 0.00 N | 92.24 -0.81 0.00 N | 79.12 -0.70 0.00 N | 56.90 -0.72 0.00 N | 10.41 -0.14 3.77 N | 41.03 -0.20 0.25 N | 42.74 -0.15 0.00 N | |
| MG INDUSTRY___DRP 24185 | 38.62 0.95 0.00 N | 40.08 0.95 0.00 N | 34.21 0.82 0.00 N | 51.06 1.13 0.00 N | 37.90 0.90 0.00 N | 51.70 1.41 0.00 N | 72.71 1.88 0.00 N | 65.88 1.90 0.00 N | 70.45 2.30 0.00 N | 56.86 2.07 0.00 N | 52.42 1.89 0.00 N | 57.59 2.00 0.00 N | 68.06 2.48 0.00 N | 65.97 2.36 0.00 N | 70.08 2.47 0.00 N | 76.55 2.65 0.00 N | 145.64 5.34 0.00 N | 82.99 3.02 0.00 N | 96.28 3.23 0.00 N | 82.68 2.86 0.00 N | 59.77 2.16 0.00 N | 100.55 0.50 -85.73 N | 48.78 1.65 -5.66 N | 44.31 1.43 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 36.40 -1.28 0.00 N | 37.76 -1.37 0.00 N | 32.18 -1.21 0.00 N | 48.19 -1.73 0.00 N | 35.72 -1.29 0.00 N | 48.52 -1.78 0.00 N | 68.37 -2.45 0.00 N | 61.38 -2.61 0.00 N | 65.28 -2.87 0.00 N | 52.39 -2.40 0.00 N | 48.35 -2.18 0.00 N | 53.23 -2.35 0.00 N | 63.03 -2.56 0.00 N | 61.18 -2.42 0.00 N | 64.96 -2.65 0.00 N | 70.86 -3.04 0.00 N | 134.08 -6.22 0.00 N | 76.42 -3.54 0.00 N | 88.99 -4.06 0.00 N | 76.18 -3.64 0.00 N | 54.92 -2.69 0.00 N | 13.72 -0.59 0.00 N | 39.61 -1.87 0.00 N | 41.18 -1.70 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 36.88 -0.79 0.00 N | 38.37 -0.76 0.00 N | 32.67 -0.71 0.00 N | 49.02 -0.91 0.00 N | 36.27 -0.74 0.00 N | 49.02 -1.28 0.00 N | 68.74 -2.09 0.00 N | 61.05 -2.93 0.00 N | 64.74 -3.41 0.00 N | 51.93 -2.85 0.00 N | 47.92 -2.61 0.00 N | 52.84 -2.74 0.00 N | 62.76 -2.82 0.00 N | 61.05 -2.55 0.00 N | 64.85 -2.75 0.00 N | 70.60 -3.29 0.00 N | 132.94 -7.36 0.00 N | 75.33 -4.63 0.00 N | 87.71 -5.34 0.00 N | 75.19 -4.63 0.00 N | 54.34 -3.28 0.00 N | 13.68 -0.64 0.00 N | 39.67 -1.81 0.00 N | 41.57 -1.31 0.00 N | |
| MILLIKEN___1 | 33.95 | 34.86 | 30.07 | 44.67 | 33.08 | 45.36 | 64.77 | 59.54 | 63.41 | 50.92 | 46.97 | 51.73 | 60.82 | 58.89 | 62.49 | 68.65 | 130.92 | 75.85 | 88.57 | 75.52 | 54.21 | 25.67 | 38.96 | 38.91 | |

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| 23584 | -3.73 0.00 N | -4.27 0.00 N | -3.31 0.00 N | -5.26 0.00 N | -3.93 0.00 N | -4.93 0.00 N | -6.07 0.00 N | -4.44 0.00 N | -4.74 0.00 N | -3.86 0.00 N | -3.56 0.00 N | -3.85 0.00 N | -4.77 0.00 N | -4.71 0.00 N | -5.11 0.00 N | -5.25 0.00 N | -9.37 0.00 N | -4.12 0.00 N | -4.48 0.00 N | -4.30 0.00 N | -3.40 0.00 N | -1.07 -12.43 N | -3.34 -0.82 N | -3.96 0.00 N |
| MILLIKEN___2 23585 | 33.95 -3.73 0.00 N | 34.86 -4.27 0.00 N | 30.07 -3.31 0.00 N | 44.67 -5.26 0.00 N | 33.08 -3.93 0.00 N | 45.36 -4.93 0.00 N | 64.77 -6.07 0.00 N | 59.54 -4.44 0.00 N | 63.41 -4.74 0.00 N | 50.92 -3.86 0.00 N | 46.97 -3.56 0.00 N | 51.73 -3.85 0.00 N | 60.82 -4.77 0.00 N | 58.89 -4.71 0.00 N | 62.49 -5.11 0.00 N | 68.65 -5.25 0.00 N | 130.92 -9.37 0.00 N | 75.85 -4.12 0.00 N | 88.57 -4.48 0.00 N | 75.52 -4.30 0.00 N | 54.21 -3.40 0.00 N | 25.67 -1.07 -12.43 N | 38.96 -3.34 -0.82 N | 38.91 -3.96 0.00 N |
| MILLIKEN___DIESEL 23629 | 33.95 -3.73 0.00 N | 34.86 -4.27 0.00 N | 30.07 -3.31 0.00 N | 44.67 -5.26 0.00 N | 33.08 -3.93 0.00 N | 45.36 -4.93 0.00 N | 64.77 -6.07 0.00 N | 59.54 -4.44 0.00 N | 63.41 -4.74 0.00 N | 50.92 -3.86 0.00 N | 46.97 -3.56 0.00 N | 51.73 -3.85 0.00 N | 60.82 -4.77 0.00 N | 58.89 -4.71 0.00 N | 62.49 -5.11 0.00 N | 68.65 -5.25 0.00 N | 130.92 -9.37 0.00 N | 75.85 -4.12 0.00 N | 88.57 -4.48 0.00 N | 75.52 -4.30 0.00 N | 54.21 -3.40 0.00 N | 25.67 -1.07 -12.43 N | 38.96 -3.34 -0.82 N | 38.91 -3.96 0.00 N |
| MODEL_CITY_ENERGY 24167 | 33.46 -4.21 0.00 N | 34.59 -4.54 0.00 N | 29.82 -3.56 0.00 N | 43.98 -5.95 0.00 N | 32.92 -4.10 0.00 N | 44.68 -5.61 0.00 N | 61.76 -9.07 0.00 N | 56.83 -7.16 0.00 N | 60.23 -7.92 0.00 N | 48.10 -6.69 0.00 N | 44.17 -6.36 0.00 N | 48.72 -6.87 0.00 N | 57.43 -8.15 0.00 N | 55.72 -7.88 0.00 N | 58.92 -8.68 0.00 N | 65.00 -8.90 0.00 N | 123.36 -16.94 0.00 N | 71.93 -8.03 0.00 N | 85.41 -7.64 0.00 N | 72.71 -7.12 0.00 N | 52.19 -5.42 0.00 N | 22.80 -1.56 -10.04 N | 37.29 -4.85 -0.66 N | 37.69 -5.18 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 39.00 1.32 0.00 N | 40.43 1.30 0.00 N | 34.46 1.07 0.00 N | 51.45 1.52 0.00 N | 38.17 1.17 0.00 N | 52.13 1.84 0.00 N | 73.87 3.04 0.00 N | 66.87 2.88 0.00 N | 71.57 3.42 0.00 N | 57.79 3.01 0.00 N | 53.27 2.75 0.00 N | 58.42 2.84 0.00 N | 69.14 3.56 0.00 N | 67.17 3.56 0.00 N | 71.26 3.66 0.00 N | 77.76 3.87 0.00 N | 148.35 8.05 0.00 N | 84.57 4.60 0.00 N | 98.03 4.98 0.00 N | 84.12 4.30 0.00 N | 60.75 3.14 0.00 N | 102.89 0.71 -87.87 N | 49.86 2.58 -5.80 N | 45.17 2.29 0.00 N |
| MONGAUP___HYD 23641 | 40.07 2.40 0.00 N | 41.38 2.25 0.00 N | 35.29 1.91 0.00 N | 52.68 2.75 0.00 N | 39.20 2.19 0.00 N | 53.84 3.55 0.00 N | 76.73 5.90 0.00 N | 70.35 6.36 0.00 N | 75.41 7.26 0.00 N | 60.87 6.09 0.00 N | 55.64 5.12 0.00 N | 60.90 5.32 0.00 N | 71.91 6.33 0.00 N | 69.50 5.90 0.00 N | 73.90 6.30 0.00 N | 80.98 7.09 0.00 N | 154.28 13.98 0.00 N | 88.42 8.46 0.00 N | 102.70 9.65 0.00 N | 88.10 8.28 0.00 N | 63.44 5.82 0.00 N | 78.00 1.42 -62.26 N | 49.15 3.56 -4.11 N | 46.17 3.29 0.00 N |
| MONTAUK___DIESEL 23721 | 42.10 4.43 0.00 N | 45.35 4.45 -1.77 N | 37.06 3.68 0.00 N | 55.22 5.30 0.00 N | 41.19 4.18 0.00 N | 74.92 6.76 -17.86 N | 88.89 9.46 -8.60 N | 87.58 9.87 -13.72 N | 87.61 10.88 -8.57 N | 83.50 9.16 -19.56 N | 90.18 8.26 -31.40 N | 88.31 9.21 -23.52 N | 90.94 10.44 -14.91 N | 91.20 9.55 -18.04 N | 88.63 10.47 -10.56 N | 98.14 11.38 -12.86 N | 172.69 22.16 -10.22 N | 98.00 12.45 -5.59 N | 109.21 14.56 -1.59 N | 102.55 12.87 -9.86 N | 87.04 9.50 -19.93 N | 101.93 2.58 -85.04 N | 88.49 5.94 -41.07 N | 77.13 5.66 -28.59 N |
| N SALMON___HYD 24042 | 37.55 -0.12 0.00 N | 39.19 0.06 0.00 N | 33.40 0.01 0.00 N | 50.08 0.16 0.00 N | 37.06 0.05 0.00 N | 50.01 -0.28 0.00 N | 70.04 -0.79 0.00 N | 62.38 -1.61 0.00 N | 66.14 -2.00 0.00 N | 53.06 -1.73 0.00 N | 48.95 -1.57 0.00 N | 53.92 -1.66 0.00 N | 63.82 -1.76 0.00 N | 62.08 -1.52 0.00 N | 65.99 -1.61 0.00 N | 71.89 -2.01 0.00 N | 136.10 -4.20 0.00 N | 77.02 -2.94 0.00 N | 89.57 -3.48 0.00 N | 76.77 -3.05 0.00 N | 55.48 -2.13 0.00 N | 13.89 -0.42 0.00 N | 40.39 -1.09 0.00 N | 42.31 -0.57 0.00 N |
| N.E_GEN_SANDY PD 24062 | 39.11 1.44 0.00 N | 40.48 1.35 0.00 N | 34.46 1.07 0.00 N | 51.40 1.48 0.00 N | 38.18 1.17 0.00 N | 52.38 2.09 0.00 N | 74.48 3.64 0.00 N | 67.64 3.65 0.00 N | 72.58 4.44 0.00 N | 58.59 3.81 0.00 N | 54.01 3.48 0.00 N | 59.27 3.69 0.00 N | 70.21 4.63 0.00 N | 67.97 4.37 0.00 N | 72.22 4.62 0.00 N | 78.92 5.02 0.00 N | 150.64 10.34 0.00 N | 85.66 5.70 0.00 N | 99.23 6.18 0.00 N | 85.29 5.47 0.00 N | 61.60 3.99 0.00 N | 96.38 0.98 -81.09 N | 49.49 2.66 -5.35 N | 45.13 2.25 0.00 N |
| NARROWS_GT1_1 24228 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_2 24229 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_3 24230 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_4 24231 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_5 24232 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |

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| NARROWS_GT1_6 24233 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_7 24234 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT1_8 24235 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_1 24236 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_2 24237 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_3 24238 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_4 24239 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_5 24240 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_6 24241 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_7 24242 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NARROWS_GT2_8 24243 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 38.95 1.28 0.00 N | 40.29 1.16 0.00 N | 34.26 0.87 0.00 N | 51.12 1.20 0.00 N | 37.98 0.97 0.00 N | 52.05 1.76 0.00 N | 74.13 3.30 0.00 N | 67.20 3.22 0.00 N | 72.20 4.05 0.00 N | 58.27 3.48 0.00 N | 53.68 3.16 0.00 N | 58.83 3.25 0.00 N | 69.68 4.10 0.00 N | 67.58 3.98 0.00 N | 71.73 4.13 0.00 N | 78.29 4.39 0.00 N | 149.70 9.40 0.00 N | 85.29 5.32 0.00 N | 98.76 5.71 0.00 N | 84.73 4.91 0.00 N | 61.16 3.54 0.00 N | 102.77 0.84 -87.62 N | 49.88 2.62 -5.78 N | 45.14 2.26 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 34.99 -2.69 0.00 N | 36.20 -2.93 0.00 N | 31.03 -2.36 0.00 N | 46.10 -3.83 0.00 N | 34.36 -2.65 0.00 N | 46.81 -3.48 0.00 N | 65.75 -5.08 0.00 N | 60.17 -3.81 0.00 N | 63.92 -4.23 0.00 N | 51.26 -3.53 0.00 N | 47.22 -3.30 0.00 N | 52.00 -3.58 0.00 N | 61.23 -4.35 0.00 N | 59.37 -4.23 0.00 N | 62.92 -4.69 0.00 N | 69.11 -4.79 0.00 N | 131.49 -8.81 0.00 N | 75.96 -4.00 0.00 N | 89.19 -3.86 0.00 N | 76.10 -3.72 0.00 N | 54.67 -2.95 0.00 N | 21.39 -0.83 -7.91 N | 39.18 -2.82 -0.52 N | 39.71 -3.17 0.00 N |
| NEG CENTRAL___DRP 24199 | 35.86 -1.82 0.00 N | 37.08 -2.05 0.00 N | 31.76 -1.63 0.00 N | 47.31 -2.62 0.00 N | 35.17 -1.84 0.00 N | 47.98 -2.31 0.00 N | 67.92 -2.91 0.00 N | 62.13 -1.86 0.00 N | 66.11 -2.04 0.00 N | 53.03 -1.75 0.00 N | 48.86 -1.67 0.00 N | 53.75 -1.83 0.00 N | 63.25 -2.33 0.00 N | 61.24 -2.36 0.00 N | 65.05 -2.56 0.00 N | 71.47 -2.43 0.00 N | 135.86 -4.44 0.00 N | 78.44 -1.52 0.00 N | 91.67 -1.38 0.00 N | 78.26 -1.56 0.00 N | 56.24 -1.38 0.00 N | 22.28 -0.45 -8.41 N | 40.35 -1.68 -0.56 N | 40.88 -2.00 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-----------------------------|---|
| NEG CENTRAL___INDECK 23768 | 35.81 -1.87 0.00 N | 36.93 -2.20 0.00 N | 31.73 -1.66 0.00 N | 47.15 -2.78 0.00 N | 35.15 -1.86 0.00 N | 48.02 -2.27 0.00 N | 67.86 -2.97 0.00 N | 62.56 -1.42 0.00 N | 66.46 -1.69 0.00 N | 53.22 -1.57 0.00 N | 48.98 -1.55 0.00 N | 53.89 -1.69 0.00 N | 63.37 -2.21 0.00 N | 61.37 -2.24 0.00 N | 65.06 -2.54 0.00 N | 71.76 -2.13 0.00 N | 136.56 -3.74 0.00 N | 79.47 -0.49 0.00 N | 93.31 0.26 0.00 N | 79.54 -0.28 0.00 N | 56.99 -0.62 0.00 N | 25.68 -0.31 -11.67 N | 40.65 -1.60 -0.77 N | 40.89 -1.99 0.00 N | |
| NEG CENTRAL___SENECA 23627 | 35.43 -2.24 0.00 N | 36.59 -2.54 0.00 N | 31.41 -1.98 0.00 N | 46.72 -3.20 0.00 N | 34.75 -2.27 0.00 N | 47.44 -2.85 0.00 N | 67.18 -3.65 0.00 N | 61.59 -2.40 0.00 N | 65.50 -2.65 0.00 N | 52.52 -2.27 0.00 N | 48.38 -2.15 0.00 N | 53.21 -2.37 0.00 N | 62.64 -2.95 0.00 N | 60.65 -2.96 0.00 N | 64.40 -3.20 0.00 N | 70.88 -3.02 0.00 N | 134.75 -5.55 0.00 N | 78.04 -1.93 0.00 N | 91.26 -1.79 0.00 N | 77.84 -1.99 0.00 N | 55.88 -1.74 0.00 N | 23.28 -0.57 -9.54 N | 40.05 -2.06 -0.63 N | 40.46 -2.42 0.00 N | |
| NEG CENTRAL___STATE_STREET 24147 | 35.13 -2.55 0.00 N | 36.13 -3.00 0.00 N | 31.08 -2.31 0.00 N | 46.19 -3.74 0.00 N | 34.27 -2.73 0.00 N | 46.99 -3.30 0.00 N | 67.00 -3.83 0.00 N | 61.64 -2.35 0.00 N | 65.62 -2.53 0.00 N | 52.69 -2.10 0.00 N | 48.58 -1.95 0.00 N | 53.51 -2.07 0.00 N | 62.92 -2.67 0.00 N | 60.95 -2.66 0.00 N | 64.64 -2.97 0.00 N | 71.03 -2.86 0.00 N | 135.55 -4.75 0.00 N | 78.60 -1.37 0.00 N | 91.90 -1.15 0.00 N | 78.31 -1.52 0.00 N | 56.15 -1.46 0.00 N | 24.45 -0.53 -10.67 N | 40.12 -2.06 -0.70 N | 40.24 -2.64 0.00 N | |
| NEG MILLWOOD___DRP 24198 | 39.91 2.24 0.00 N | 41.21 2.08 0.00 N | 35.17 1.79 0.00 N | 52.45 2.53 0.00 N | 39.04 2.03 0.00 N | 53.60 3.31 0.00 N | 76.37 5.55 0.00 N | 70.00 6.02 0.00 N | 75.03 6.88 0.00 N | 60.62 5.83 0.00 N | 55.88 5.35 0.00 N | 61.42 5.83 0.00 N | 72.53 6.95 0.00 N | 70.04 6.43 0.00 N | 74.50 6.89 0.00 N | 81.64 7.74 0.00 N | 155.48 15.18 0.00 N | 88.89 8.93 0.00 N | 103.14 10.09 0.00 N | 88.66 8.83 0.00 N | 63.89 6.28 0.00 N | 85.64 1.53 -69.79 N | 49.79 3.71 -4.61 N | 46.08 3.20 0.00 N | |
| NEG NORTH_FLCN_SEA 23793 | 37.31 -0.36 0.00 N | 39.07 -0.06 0.00 N | 33.32 -0.06 0.00 N | 49.91 -0.02 0.00 N | 36.97 -0.05 0.00 N | 49.92 -0.37 0.00 N | 69.96 -0.87 0.00 N | 62.21 -1.78 0.00 N | 66.03 -2.12 0.00 N | 53.00 -1.79 0.00 N | 48.87 -1.66 0.00 N | 53.76 -1.82 0.00 N | 63.69 -1.90 0.00 N | 61.92 -1.69 0.00 N | 65.81 -1.79 0.00 N | 71.67 -2.22 0.00 N | 136.33 -3.97 0.00 N | 77.03 -2.94 0.00 N | 89.44 -3.61 0.00 N | 76.69 -3.13 0.00 N | 55.46 -2.16 0.00 N | 13.86 -0.45 0.00 N | 40.25 -1.22 0.00 N | 42.03 -0.85 0.00 N | |
| NEG NORTH_KES_CHATGAY 23792 | 37.67 0.00 0.00 N | 39.34 0.21 0.00 N | 33.53 0.14 0.00 N | 50.26 0.33 0.00 N | 37.19 0.18 0.00 N | 50.19 -0.10 0.00 N | 70.25 -0.58 0.00 N | 62.57 -1.41 0.00 N | 66.40 -1.75 0.00 N | 53.27 -1.52 0.00 N | 49.13 -1.40 0.00 N | 54.09 -1.50 0.00 N | 64.00 -1.58 0.00 N | 62.24 -1.37 0.00 N | 66.18 -1.42 0.00 N | 72.10 -1.79 0.00 N | 136.79 -3.51 0.00 N | 77.36 -2.61 0.00 N | 89.95 -3.10 0.00 N | 77.05 -2.77 0.00 N | 55.71 -1.90 0.00 N | 13.93 -0.38 0.00 N | 40.53 -0.95 0.00 N | 42.44 -0.44 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 37.60 -0.07 0.00 N | 39.34 0.21 0.00 N | 33.54 0.16 0.00 N | 50.26 0.33 0.00 N | 37.22 0.20 0.00 N | 50.27 -0.02 0.00 N | 70.45 -0.37 0.00 N | 62.72 -1.27 0.00 N | 66.57 -1.57 0.00 N | 53.42 -1.36 0.00 N | 49.27 -1.26 0.00 N | 54.21 -1.37 0.00 N | 64.19 -1.39 0.00 N | 62.39 -1.21 0.00 N | 66.34 -1.26 0.00 N | 72.26 -1.64 0.00 N | 137.37 -2.93 0.00 N | 77.67 -2.30 0.00 N | 90.21 -2.84 0.00 N | 77.33 -2.49 0.00 N | 55.92 -1.69 0.00 N | 13.99 -0.32 0.00 N | 40.57 -0.91 0.00 N | 42.38 -0.50 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 37.60 -0.07 0.00 N | 39.34 0.20 0.00 N | 33.54 0.16 0.00 N | 50.26 0.33 0.00 N | 37.22 0.20 0.00 N | 50.27 -0.02 0.00 N | 70.45 -0.37 0.00 N | 62.72 -1.27 0.00 N | 66.57 -1.57 0.00 N | 53.42 -1.36 0.00 N | 49.27 -1.26 0.00 N | 54.21 -1.37 0.00 N | 64.19 -1.39 0.00 N | 62.39 -1.21 0.00 N | 66.34 -1.26 0.00 N | 72.26 -1.64 0.00 N | 137.37 -2.93 0.00 N | 77.67 -2.30 0.00 N | 90.21 -2.84 0.00 N | 77.33 -2.49 0.00 N | 55.92 -1.69 0.00 N | 13.99 -0.32 0.00 N | 40.57 -0.91 0.00 N | 42.38 -0.50 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 37.60 -0.07 0.00 N | 39.34 0.21 0.00 N | 33.54 0.16 0.00 N | 50.26 0.33 0.00 N | 37.22 0.20 0.00 N | 50.27 -0.02 0.00 N | 70.45 -0.37 0.00 N | 62.72 -1.27 0.00 N | 66.57 -1.57 0.00 N | 53.42 -1.36 0.00 N | 49.27 -1.26 0.00 N | 54.21 -1.37 0.00 N | 64.19 -1.39 0.00 N | 62.39 -1.21 0.00 N | 66.34 -1.26 0.00 N | 72.26 -1.64 0.00 N | 137.37 -2.93 0.00 N | 77.67 -2.30 0.00 N | 90.21 -2.84 0.00 N | 77.33 -2.49 0.00 N | 55.92 -1.69 0.00 N | 13.99 -0.32 0.00 N | 40.57 -0.91 0.00 N | 42.38 -0.50 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 33.45 -4.22 0.00 N | 34.58 -4.55 0.00 N | 29.80 -3.59 0.00 N | 43.97 -5.96 0.00 N | 32.89 -4.12 0.00 N | 44.68 -5.61 0.00 N | 61.86 -8.97 0.00 N | 56.88 -7.11 0.00 N | 60.29 -7.86 0.00 N | 48.13 -6.65 0.00 N | 44.23 -6.29 0.00 N | 48.83 -6.76 0.00 N | 57.56 -8.03 0.00 N | 55.83 -7.77 0.00 N | 59.06 -8.54 0.00 N | 65.15 -8.75 0.00 N | 123.65 -16.65 0.00 N | 72.05 -7.91 0.00 N | 85.47 -7.58 0.00 N | 72.78 -7.04 0.00 N | 52.28 -5.34 0.00 N | 22.69 -1.54 -9.92 N | 37.31 -4.82 -0.65 N | 37.71 -5.16 0.00 N | |
| NEG WEST___LANCASTR 23811 | 33.68 -3.99 0.00 N | 34.71 -4.42 0.00 N | 29.90 -3.49 0.00 N | 44.37 -5.56 0.00 N | 33.04 -3.96 0.00 N | 45.05 -5.24 0.00 N | 63.55 -7.28 0.00 N | 58.63 -5.36 0.00 N | 62.25 -5.90 0.00 N | 49.78 -5.01 0.00 N | 45.75 -4.77 0.00 N | 50.27 -5.31 0.00 N | 59.20 -6.39 0.00 N | 57.28 -6.32 0.00 N | 60.81 -6.79 0.00 N | 67.40 -6.50 0.00 N | 127.81 -12.49 0.00 N | 74.86 -5.10 0.00 N | 88.04 -5.01 0.00 N | 74.93 -4.89 0.00 N | 53.62 -4.00 0.00 N | 25.20 -1.28 -12.18 N | 38.22 -4.07 -0.80 N | 38.47 -4.41 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 36.99 -0.68 0.00 N | 38.32 -0.81 0.00 N | 32.81 -0.58 0.00 N | 48.98 -0.94 0.00 N | 36.35 -0.66 0.00 N | 49.65 -0.64 0.00 N | 70.54 -0.28 0.00 N | 64.46 0.48 0.00 N | 68.66 0.51 0.00 N | 55.13 0.35 0.00 N | 50.76 0.23 0.00 N | 55.79 0.21 0.00 N | 65.68 0.10 0.00 N | 63.55 -0.05 0.00 N | 67.56 -0.04 0.00 N | 74.35 0.45 0.00 N | 141.12 0.82 0.00 N | 81.40 1.44 0.00 N | 94.72 1.67 0.00 N | 81.01 1.19 0.00 N | 58.27 0.65 0.00 N | 36.83 0.05 -22.47 N | 42.76 -0.21 -1.48 N | 42.43 -0.45 0.00 N | |
| NEG___GEN_MONROE 24207 | 35.23 -2.44 0.00 N | 36.39 -2.74 0.00 N | 31.26 -2.13 0.00 N | 46.34 -3.59 0.00 N | 34.61 -2.40 0.00 N | 47.19 -3.11 0.00 N | 66.17 -4.66 0.00 N | 60.79 -3.19 0.00 N | 64.53 -3.62 0.00 N | 51.70 -3.08 0.00 N | 47.60 -2.92 0.00 N | 52.46 -3.13 0.00 N | 61.75 -3.83 0.00 N | 59.88 -3.73 0.00 N | 63.37 -4.23 0.00 N | 69.77 -4.13 0.00 N | 132.76 -7.54 0.00 N | 77.07 -2.89 0.00 N | 90.73 -2.32 0.00 N | 77.30 -2.52 0.00 N | 55.47 -2.15 0.00 N | 22.19 -0.65 -8.54 N | 39.53 -2.52 -0.56 N | 39.98 -2.90 0.00 N | |
| NEPA___ENERGY | 33.30 | 34.22 | 29.48 | 44.01 | 32.64 | 44.58 | 63.81 | 58.89 | 62.57 | 50.02 | 45.94 | 50.31 | 59.23 | 57.20 | 60.94 | 67.82 | 128.31 | 75.40 | 87.95 | 74.87 | 53.47 | 26.64 | 38.19 | 38.43 | |

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| 23901 | -4.38 0.00 N | -4.91 0.00 N | -3.91 0.00 N | -5.92 0.00 N | -4.37 0.00 N | -5.72 0.00 N | -7.01 0.00 N | -5.10 0.00 N | -5.58 0.00 N | -4.77 0.00 N | -4.59 0.00 N | -5.27 0.00 N | -6.35 0.00 N | -6.40 0.00 N | -6.66 0.00 N | -6.08 0.00 N | -11.99 0.00 N | -4.56 0.00 N | -5.10 0.00 N | -4.95 0.00 N | -4.15 0.00 N | -1.36 -13.68 N | -4.19 -0.90 N | -4.45 0.00 N |
| NEVERSINK___HYD 23608 | 39.28 1.61 0.00 N | 40.65 1.52 0.00 N | 34.70 1.31 0.00 N | 51.80 1.88 0.00 N | 38.51 1.51 0.00 N | 52.76 2.47 0.00 N | 74.92 4.09 0.00 N | 68.54 4.56 0.00 N | 73.22 5.07 0.00 N | 58.95 4.16 0.00 N | 54.46 3.94 0.00 N | 59.97 4.39 0.00 N | 70.77 5.19 0.00 N | 68.43 4.82 0.00 N | 72.75 5.15 0.00 N | 79.73 5.83 0.00 N | 151.59 11.29 0.00 N | 86.80 6.83 0.00 N | 100.87 7.83 0.00 N | 86.55 6.73 0.00 N | 62.39 4.77 0.00 N | 73.72 1.16 -58.24 N | 48.05 2.72 -3.84 N | 45.23 2.35 0.00 N |
| NEWTON___FALLS_HYD 23847 | 36.40 -1.28 0.00 N | 37.76 -1.37 0.00 N | 32.18 -1.21 0.00 N | 48.19 -1.73 0.00 N | 35.72 -1.29 0.00 N | 48.52 -1.78 0.00 N | 68.37 -2.45 0.00 N | 61.38 -2.61 0.00 N | 65.28 -2.87 0.00 N | 52.39 -2.40 0.00 N | 48.35 -2.18 0.00 N | 53.23 -2.35 0.00 N | 63.03 -2.56 0.00 N | 61.18 -2.42 0.00 N | 64.96 -2.65 0.00 N | 70.86 -3.04 0.00 N | 134.08 -6.22 0.00 N | 76.42 -3.54 0.00 N | 88.99 -4.06 0.00 N | 76.18 -3.64 0.00 N | 54.92 -2.69 0.00 N | 13.72 -0.59 0.00 N | 39.61 -1.87 0.00 N | 41.18 -1.70 0.00 N |
| NIAGARA____ 23760 | 33.28 -4.40 0.00 N | 34.41 -4.72 0.00 N | 29.67 -3.72 0.00 N | 43.74 -6.19 0.00 N | 32.74 -4.28 0.00 N | 44.40 -5.89 0.00 N | 61.24 -9.59 0.00 N | 56.28 -7.70 0.00 N | 59.64 -8.51 0.00 N | 47.64 -7.15 0.00 N | 43.76 -6.76 0.00 N | 48.25 -7.33 0.00 N | 56.88 -8.71 0.00 N | 55.20 -8.40 0.00 N | 58.36 -9.24 0.00 N | 64.33 -9.57 0.00 N | 122.11 -18.19 0.00 N | 71.14 -8.83 0.00 N | 84.50 -8.55 0.00 N | 71.92 -7.90 0.00 N | 51.64 -5.98 0.00 N | 22.42 -1.68 -9.79 N | 36.95 -5.18 -0.65 N | 37.40 -5.48 0.00 N |
| NINE_MILE_1 23575 | 36.27 -1.41 0.00 N | 37.61 -1.52 0.00 N | 32.14 -1.24 0.00 N | 47.98 -1.94 0.00 N | 35.62 -1.39 0.00 N | 48.47 -1.82 0.00 N | 68.34 -2.50 0.00 N | 62.02 -1.96 0.00 N | 66.06 -2.09 0.00 N | 53.05 -1.74 0.00 N | 48.90 -1.63 0.00 N | 53.80 -1.78 0.00 N | 63.38 -2.20 0.00 N | 61.40 -2.20 0.00 N | 65.20 -2.40 0.00 N | 71.38 -2.52 0.00 N | 135.58 -4.72 0.00 N | 77.62 -2.35 0.00 N | 90.50 -2.54 0.00 N | 77.51 -2.31 0.00 N | 55.87 -1.74 0.00 N | 17.98 -0.48 -4.14 N | 40.24 -1.51 -0.27 N | 41.19 -1.69 0.00 N |
| NINE_MILE_2 23744 | 36.28 -1.39 0.00 N | 37.63 -1.50 0.00 N | 32.15 -1.24 0.00 N | 47.99 -1.94 0.00 N | 35.62 -1.39 0.00 N | 48.48 -1.82 0.00 N | 68.35 -2.48 0.00 N | 62.04 -1.94 0.00 N | 66.07 -2.08 0.00 N | 53.05 -1.74 0.00 N | 48.90 -1.62 0.00 N | 53.80 -1.78 0.00 N | 63.40 -2.18 0.00 N | 61.40 -2.20 0.00 N | 65.21 -2.40 0.00 N | 71.39 -2.50 0.00 N | 135.58 -4.72 0.00 N | 77.64 -2.32 0.00 N | 90.52 -2.53 0.00 N | 77.51 -2.31 0.00 N | 55.88 -1.74 0.00 N | 17.98 -0.47 -4.14 N | 40.24 -1.51 -0.27 N | 41.20 -1.68 0.00 N |
| NM_CAPITAL___DRP 24208 | 38.82 1.15 0.00 N | 40.25 1.12 0.00 N | 34.32 0.93 0.00 N | 51.22 1.30 0.00 N | 38.01 1.00 0.00 N | 51.85 1.56 0.00 N | 73.32 2.50 0.00 N | 66.26 2.28 0.00 N | 70.88 2.73 0.00 N | 57.27 2.49 0.00 N | 52.79 2.26 0.00 N | 57.86 2.28 0.00 N | 68.49 2.91 0.00 N | 66.59 2.98 0.00 N | 70.64 3.04 0.00 N | 77.03 3.13 0.00 N | 146.90 6.60 0.00 N | 83.66 3.70 0.00 N | 96.98 3.93 0.00 N | 83.25 3.43 0.00 N | 60.16 2.55 0.00 N | 101.97 0.54 -87.11 N | 49.64 2.41 -5.75 N | 45.03 2.15 0.00 N |
| NM_CENTRAL___DRP 24181 | 36.73 -0.94 0.00 N | 38.05 -1.08 0.00 N | 32.52 -0.87 0.00 N | 48.52 -1.41 0.00 N | 36.00 -1.01 0.00 N | 48.99 -1.30 0.00 N | 69.28 -1.55 0.00 N | 63.13 -0.85 0.00 N | 67.25 -0.90 0.00 N | 54.02 -0.77 0.00 N | 49.78 -0.74 0.00 N | 54.79 -0.79 0.00 N | 64.51 -1.08 0.00 N | 62.46 -1.15 0.00 N | 66.34 -1.26 0.00 N | 72.70 -1.20 0.00 N | 138.09 -2.22 0.00 N | 79.30 -0.66 0.00 N | 92.47 -0.58 0.00 N | 79.14 -0.68 0.00 N | 56.96 -0.66 0.00 N | 19.20 -0.26 -5.15 N | 40.89 -0.93 -0.34 N | 41.70 -1.17 0.00 N |
| NM_FRONTIER___DRP 24179 | 33.51 -4.16 0.00 N | 34.64 -4.49 0.00 N | 29.86 -3.52 0.00 N | 44.02 -5.90 0.00 N | 32.95 -4.05 0.00 N | 44.71 -5.58 0.00 N | 61.67 -9.16 0.00 N | 56.77 -7.22 0.00 N | 60.19 -7.96 0.00 N | 48.08 -6.71 0.00 N | 44.17 -6.35 0.00 N | 48.70 -6.88 0.00 N | 57.41 -8.18 0.00 N | 55.72 -7.89 0.00 N | 58.87 -8.73 0.00 N | 64.89 -9.01 0.00 N | 123.25 -17.05 0.00 N | 71.82 -8.14 0.00 N | 85.37 -7.68 0.00 N | 72.67 -7.15 0.00 N | 52.14 -5.48 0.00 N | 22.63 -1.59 -9.92 N | 37.26 -4.87 -0.65 N | 37.68 -5.20 0.00 N |
| NM_ST_REGIS___HYD 24053 | 37.13 -0.55 0.00 N | 38.66 -0.47 0.00 N | 32.92 -0.47 0.00 N | 49.38 -0.55 0.00 N | 36.55 -0.46 0.00 N | 49.37 -0.92 0.00 N | 69.20 -1.63 0.00 N | 61.48 -2.50 0.00 N | 65.22 -2.94 0.00 N | 52.29 -2.50 0.00 N | 48.24 -2.28 0.00 N | 53.18 -2.40 0.00 N | 63.12 -2.46 0.00 N | 61.39 -2.21 0.00 N | 65.25 -2.35 0.00 N | 71.04 -2.86 0.00 N | 133.96 -6.34 0.00 N | 75.86 -4.11 0.00 N | 88.31 -4.74 0.00 N | 75.68 -4.14 0.00 N | 54.71 -2.91 0.00 N | 13.73 -0.58 0.00 N | 39.90 -1.57 0.00 N | 41.82 -1.06 0.00 N |
| NORTHPORT___1 23551 | 40.68 3.00 0.00 N | 43.82 2.92 -1.77 N | 35.79 2.40 0.00 N | 53.31 3.39 0.00 N | 39.73 2.72 0.00 N | 72.71 4.56 -17.86 N | 85.71 6.28 -8.60 N | 84.64 6.94 -13.72 N | 84.60 7.88 -8.57 N | 81.12 6.77 -19.56 N | 87.93 6.01 -31.40 N | 85.70 6.60 -23.52 N | 88.19 7.69 -14.91 N | 88.54 6.90 -18.04 N | 85.80 7.64 -10.56 N | 95.02 8.26 -12.86 N | 166.23 15.71 -10.22 N | 93.99 8.43 -5.59 N | 104.35 9.71 -1.59 N | 98.53 8.85 -9.86 N | 84.21 6.66 -19.93 N | 101.17 1.82 -85.04 N | 86.67 4.13 -41.07 N | 75.45 3.98 -28.59 N |
| NORTHPORT___2 23552 | 40.68 3.00 0.00 N | 43.82 2.92 -1.77 N | 35.79 2.40 0.00 N | 53.31 3.39 0.00 N | 39.73 2.72 0.00 N | 72.71 4.56 -17.86 N | 85.71 6.28 -8.60 N | 84.64 6.94 -13.72 N | 84.60 7.88 -8.57 N | 81.12 6.77 -19.56 N | 87.93 6.01 -31.40 N | 85.70 6.60 -23.52 N | 88.19 7.69 -14.91 N | 88.54 6.90 -18.04 N | 85.80 7.64 -10.56 N | 95.02 8.26 -12.86 N | 166.23 15.71 -10.22 N | 93.99 8.43 -5.59 N | 104.35 9.71 -1.59 N | 98.53 8.85 -9.86 N | 84.21 6.66 -19.93 N | 101.17 1.82 -85.04 N | 86.67 4.13 -41.07 N | 75.45 3.98 -28.59 N |
| NORTHPORT___3 23553 | 40.63 2.96 0.00 N | 43.76 2.86 -1.77 N | 35.73 2.35 0.00 N | 53.23 3.30 0.00 N | 39.67 2.66 0.00 N | 72.60 4.45 -17.86 N | 85.59 6.16 -8.60 N | 84.60 6.89 -13.72 N | 84.57 7.84 -8.57 N | 81.09 6.75 -19.56 N | 87.87 5.95 -31.40 N | 85.54 6.43 -23.52 N | 88.00 7.50 -14.91 N | 88.39 6.74 -18.04 N | 85.67 7.51 -10.56 N | 86.95 7.97 -5.08 N | 166.18 15.66 -10.22 N | 94.04 8.49 -5.59 N | 104.46 9.81 -1.59 N | 98.59 8.91 -9.86 N | 84.18 6.63 -19.93 N | 101.10 1.75 -85.04 N | 86.66 4.11 -41.07 N | 75.44 3.97 -28.59 N |
| NORTHPORT___4 23650 | 40.63 2.96 0.00 N | 43.76 2.86 -1.77 N | 35.73 2.35 0.00 N | 53.23 3.30 0.00 N | 39.67 2.66 0.00 N | 72.60 4.45 -17.86 N | 85.59 6.16 -8.60 N | 84.60 6.89 -13.72 N | 84.57 7.84 -8.57 N | 81.09 6.75 -19.56 N | 87.87 5.95 -31.40 N | 85.54 6.43 -23.52 N | 88.00 7.50 -14.91 N | 88.39 6.74 -18.04 N | 85.67 7.51 -10.56 N | 86.95 7.97 -5.08 N | 166.18 15.66 -10.22 N | 94.04 8.49 -5.59 N | 104.46 9.81 -1.59 N | 98.59 8.91 -9.86 N | 84.18 6.63 -19.93 N | 101.10 1.75 -85.04 N | 86.66 4.11 -41.07 N | 75.44 3.97 -28.59 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| NORTHPORT___IC 23718 | 40.68 3.00 0.00 N | 43.82 2.92 -1.77 N | 35.79 2.40 0.00 N | 53.31 3.39 0.00 N | 39.73 2.72 0.00 N | 72.71 4.56 -17.86 N | 85.71 6.28 -8.60 N | 84.64 6.94 -13.72 N | 84.60 7.88 -8.57 N | 81.12 6.77 -19.56 N | 87.93 6.01 -31.40 N | 85.70 6.60 -23.52 N | 88.19 7.69 -14.91 N | 88.54 6.90 -18.04 N | 85.80 7.64 -10.56 N | 95.02 8.26 -12.86 N | 166.23 15.71 -10.22 N | 93.99 8.43 -5.59 N | 104.35 9.71 -1.59 N | 98.53 8.85 -9.86 N | 84.21 6.66 -19.93 N | 101.17 1.82 -85.04 N | 86.67 4.13 -41.07 N | 75.45 3.98 -28.59 N |
| NPX_GEN_CSC 323557 | 41.07 3.40 0.00 N | 44.35 3.45 -1.77 N | 36.24 2.85 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.57 7.14 -8.60 N | 85.25 7.55 -13.72 N | 84.94 8.21 -8.57 N | 81.30 6.96 -19.56 N | 88.15 6.22 -31.40 N | 85.96 6.86 -23.52 N | 88.23 7.73 -14.91 N | 88.59 6.94 -18.04 N | 85.85 7.69 -10.56 N | 95.02 8.26 -12.86 N | 166.58 16.06 -10.22 N | 94.13 8.58 -5.59 N | 104.71 10.06 -1.59 N | 98.87 9.19 -9.86 N | 84.51 6.97 -19.93 N | 101.29 1.93 -85.04 N | 87.00 4.46 -41.07 N | 75.73 4.27 -28.59 N |
| NSINS_S_GLNS_FALLS 23858 | 39.24 1.57 0.00 N | 40.43 1.30 0.00 N | 34.22 0.83 0.00 N | 51.07 1.15 0.00 N | 38.02 1.01 0.00 N | 52.28 1.99 0.00 N | 74.85 4.02 0.00 N | 68.02 4.03 0.00 N | 73.51 5.36 0.00 N | 59.15 4.36 0.00 N | 54.45 3.92 0.00 N | 59.57 3.99 0.00 N | 70.65 5.06 0.00 N | 68.37 4.76 0.00 N | 72.56 4.96 0.00 N | 79.26 5.37 0.00 N | 151.66 11.36 0.00 N | 86.48 6.51 0.00 N | 100.08 7.03 0.00 N | 85.81 5.99 0.00 N | 61.89 4.28 0.00 N | 104.92 1.11 -89.50 N | 50.31 2.92 -5.91 N | 45.57 2.69 0.00 N |
| NUCOR_STEEL___DRP 24197 | 35.13 -2.55 0.00 N | 36.13 -3.00 0.00 N | 31.08 -2.31 0.00 N | 46.19 -3.74 0.00 N | 34.27 -2.73 0.00 N | 46.99 -3.30 0.00 N | 67.00 -3.83 0.00 N | 61.64 -2.35 0.00 N | 65.62 -2.53 0.00 N | 52.69 -2.10 0.00 N | 48.58 -1.95 0.00 N | 53.51 -2.07 0.00 N | 62.92 -2.67 0.00 N | 60.95 -2.66 0.00 N | 64.64 -2.97 0.00 N | 71.03 -2.86 0.00 N | 135.55 -4.75 0.00 N | 78.60 -1.37 0.00 N | 91.90 -1.15 0.00 N | 78.31 -1.52 0.00 N | 56.15 -1.46 0.00 N | 24.45 -0.53 -10.67 N | 40.12 -2.06 -0.70 N | 40.24 -2.64 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 37.67 0.00 0.00 N | 39.13 0.00 0.00 N | 33.39 0.00 0.00 N | 49.93 0.00 0.00 N | 37.01 0.00 0.00 N | 50.29 0.00 0.00 N | 70.83 0.00 0.00 N | 63.98 0.00 0.00 N | 68.15 0.00 0.00 N | 54.78 0.00 0.00 N | 50.53 0.00 0.00 N | 55.58 0.00 0.00 N | 65.59 0.00 0.00 N | 63.61 0.00 0.00 N | 67.60 0.00 0.00 N | 73.90 0.00 0.00 N | 140.30 0.00 0.00 N | 79.96 0.00 0.00 N | 93.05 0.00 0.00 N | 79.82 0.00 0.00 N | 57.62 0.00 0.00 N | 14.31 0.00 0.00 N | 41.48 0.00 0.00 N | 42.88 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 41.11 3.44 0.00 N | 44.25 3.36 -1.77 N | 36.15 2.76 0.00 N | 53.86 3.93 0.00 N | 40.14 3.13 0.00 N | 73.32 5.17 -17.86 N | 86.71 7.28 -8.60 N | 85.62 7.92 -13.72 N | 85.66 8.94 -8.57 N | 81.96 7.62 -19.56 N | 88.75 6.83 -31.40 N | 86.60 7.50 -23.52 N | 89.19 8.69 -14.91 N | 89.52 7.88 -18.04 N | 86.83 8.67 -10.56 N | 96.16 9.40 -12.86 N | 168.65 18.12 -10.22 N | 94.73 9.17 -5.59 N | 105.23 10.59 -1.59 N | 99.30 9.62 -9.86 N | 85.06 7.51 -19.93 N | 101.42 2.07 -85.04 N | 87.28 4.74 -41.07 N | 76.01 4.54 -28.59 N |
| NYPA_GOWANUS____GT5 24156 | 40.14 2.46 0.00 N | 41.45 2.32 0.00 N | 35.31 1.92 0.00 N | 52.67 2.74 0.00 N | 39.14 2.13 0.00 N | 53.78 3.49 0.00 N | 76.60 5.77 0.00 N | 70.55 6.57 0.00 N | 75.67 7.52 0.00 N | 61.25 6.46 0.00 N | 56.42 5.90 0.00 N | 61.77 6.19 0.00 N | 73.11 7.52 0.00 N | 70.60 7.00 0.00 N | 75.17 7.57 0.00 N | 82.30 8.40 0.00 N | 156.32 16.01 0.00 N | 89.24 9.28 0.00 N | 103.64 10.59 0.00 N | 89.31 9.49 0.00 N | 64.30 6.69 0.00 N | 84.24 1.64 -68.28 N | 49.96 3.97 -4.51 N | 46.37 3.49 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 40.14 2.46 0.00 N | 41.45 2.32 0.00 N | 35.31 1.92 0.00 N | 52.67 2.74 0.00 N | 39.14 2.13 0.00 N | 53.78 3.49 0.00 N | 76.60 5.77 0.00 N | 70.55 6.57 0.00 N | 75.67 7.52 0.00 N | 61.25 6.46 0.00 N | 56.42 5.90 0.00 N | 61.77 6.19 0.00 N | 73.11 7.52 0.00 N | 70.60 7.00 0.00 N | 75.17 7.57 0.00 N | 82.30 8.40 0.00 N | 156.32 16.01 0.00 N | 89.24 9.28 0.00 N | 103.64 10.59 0.00 N | 89.31 9.49 0.00 N | 64.30 6.69 0.00 N | 84.24 1.64 -68.28 N | 49.96 3.97 -4.51 N | 46.37 3.49 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 40.17 2.50 0.00 N | 41.52 2.39 0.00 N | 35.39 2.00 0.00 N | 52.76 2.83 0.00 N | 39.22 2.21 0.00 N | 53.88 3.59 0.00 N | 76.65 5.82 0.00 N | 70.63 6.64 0.00 N | 75.75 7.60 0.00 N | 61.33 6.55 0.00 N | 56.41 5.89 0.00 N | 61.76 6.18 0.00 N | 73.04 7.46 0.00 N | 70.52 6.91 0.00 N | 75.09 7.49 0.00 N | 82.19 8.29 0.00 N | 155.70 15.40 0.00 N | 88.87 8.91 0.00 N | 103.25 10.20 0.00 N | 89.09 9.27 0.00 N | 64.29 6.67 0.00 N | 84.25 1.66 -68.28 N | 50.04 4.05 -4.51 N | 46.48 3.60 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 40.17 2.50 0.00 N | 41.52 2.39 0.00 N | 35.39 2.00 0.00 N | 52.76 2.83 0.00 N | 39.22 2.21 0.00 N | 53.88 3.59 0.00 N | 76.65 5.82 0.00 N | 70.63 6.64 0.00 N | 75.75 7.60 0.00 N | 61.33 6.55 0.00 N | 56.41 5.89 0.00 N | 61.76 6.18 0.00 N | 73.04 7.46 0.00 N | 70.52 6.91 0.00 N | 75.09 7.49 0.00 N | 82.19 8.29 0.00 N | 155.70 15.40 0.00 N | 88.87 8.91 0.00 N | 103.25 10.20 0.00 N | 89.09 9.27 0.00 N | 64.29 6.67 0.00 N | 84.25 1.66 -68.28 N | 50.04 4.05 -4.51 N | 46.48 3.60 0.00 N |
| NYPA_KENT____GT 24152 | 40.12 2.45 0.00 N | 41.43 2.30 0.00 N | 35.31 1.92 0.00 N | 52.66 2.73 0.00 N | 39.15 2.14 0.00 N | 53.80 3.51 0.00 N | 76.60 5.77 0.00 N | 75.04 6.56 -4.51 N | 90.39 7.50 -14.74 N | 69.57 6.45 -8.34 N | 56.39 5.87 0.00 N | 61.77 6.19 0.00 N | 73.09 7.51 0.00 N | 70.58 6.98 0.00 N | 75.12 7.51 0.00 N | 82.25 8.35 0.00 N | 156.23 15.93 0.00 N | 89.14 9.18 0.00 N | 103.45 10.40 0.00 N | 89.14 9.32 0.00 N | 64.23 6.61 0.00 N | 84.21 1.61 -68.28 N | 49.93 3.95 -4.51 N | 46.36 3.48 0.00 N |
| NYPA_POUCH1____GT 24155 | 40.09 2.42 0.00 N | 41.42 2.29 0.00 N | 35.29 1.90 0.00 N | 52.63 2.71 0.00 N | 39.10 2.09 0.00 N | 53.72 3.43 0.00 N | 76.50 5.67 0.00 N | 70.45 6.47 0.00 N | 75.50 7.35 0.00 N | 61.10 6.32 0.00 N | 56.28 5.75 0.00 N | 61.59 6.01 0.00 N | 72.95 7.36 0.00 N | 70.44 6.83 0.00 N | 74.99 7.39 0.00 N | 82.10 8.21 0.00 N | 155.91 15.61 0.00 N | 89.00 9.03 0.00 N | 103.51 10.46 0.00 N | 89.23 9.41 0.00 N | 64.26 6.64 0.00 N | 84.19 1.59 -68.28 N | 49.87 3.88 -4.51 N | 46.27 3.39 0.00 N |
| NYPA_VERNON____GT2 24162 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |
| NYPA_VERNON____GT3 24163 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| NYPA____ASTORIA_CC1 323568 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N | | |
| NYPA____ASTORIA_CC2 323569 | 40.07 2.40 0.00 N | 41.39 2.26 0.00 N | 35.28 1.89 0.00 N | 52.61 2.68 0.00 N | 39.12 2.11 0.00 N | 53.76 3.47 0.00 N | 76.53 5.70 0.00 N | 70.41 6.43 0.00 N | 75.53 7.38 0.00 N | 61.15 6.36 0.00 N | 56.29 5.77 0.00 N | 61.69 6.11 0.00 N | 72.96 7.37 0.00 N | 70.44 6.83 0.00 N | 74.98 7.38 0.00 N | 82.09 8.20 0.00 N | 155.86 15.56 0.00 N | 88.88 8.92 0.00 N | 103.09 10.04 0.00 N | 88.83 9.01 0.00 N | 64.03 6.41 0.00 N | 84.15 1.55 -68.28 N | 49.86 3.87 -4.51 N | 46.31 3.43 0.00 N | | |
| NYPA____HOLTSVILL 23794 | 40.93 3.25 0.00 N | 44.12 3.22 -1.77 N | 36.05 2.66 0.00 N | 53.70 3.77 0.00 N | 40.03 3.01 0.00 N | 73.17 5.01 -17.86 N | 86.29 6.86 -8.60 N | 85.14 7.44 -13.72 N | 85.02 8.30 -8.57 N | 81.42 7.08 -19.56 N | 88.24 6.32 -31.40 N | 86.06 6.96 -23.52 N | 88.45 7.96 -14.91 N | 88.81 7.16 -18.04 N | 86.08 7.92 -10.56 N | 95.30 8.54 -12.86 N | 167.01 16.48 -10.22 N | 94.36 8.81 -5.59 N | 104.87 10.22 -1.59 N | 98.98 9.30 -9.86 N | 84.60 7.05 -19.93 N | 101.29 1.94 -85.04 N | 86.95 4.41 -41.07 N | 75.70 4.24 -28.59 N | | |
| NYPA____HELLGATE_GT1 24158 | 40.17 2.50 0.00 N | 41.52 2.39 0.00 N | 35.39 2.00 0.00 N | 52.76 2.83 0.00 N | 39.22 2.21 0.00 N | 53.88 3.59 0.00 N | 76.65 5.82 0.00 N | 70.63 6.64 0.00 N | 75.75 7.60 0.00 N | 61.33 6.55 0.00 N | 56.41 5.89 0.00 N | 61.76 6.18 0.00 N | 73.04 7.46 0.00 N | 70.52 6.91 0.00 N | 75.09 7.49 0.00 N | 82.19 8.29 0.00 N | 155.70 15.40 0.00 N | 88.91 8.94 0.00 N | 103.31 10.26 0.00 N | 89.09 9.27 0.00 N | 64.29 6.67 0.00 N | 84.25 1.66 -68.28 N | 50.04 4.05 -4.51 N | 46.48 3.60 0.00 N | | |
| NYPA____HELLGATE_GT2 24159 | 40.17 2.50 0.00 N | 41.52 2.39 0.00 N | 35.39 2.00 0.00 N | 52.76 2.83 0.00 N | 39.22 2.21 0.00 N | 53.88 3.59 0.00 N | 76.65 5.82 0.00 N | 70.63 6.64 0.00 N | 75.75 7.60 0.00 N | 61.33 6.55 0.00 N | 56.41 5.89 0.00 N | 61.76 6.18 0.00 N | 73.04 7.46 0.00 N | 70.52 6.91 0.00 N | 75.09 7.49 0.00 N | 82.19 8.29 0.00 N | 155.70 15.40 0.00 N | 88.91 8.94 0.00 N | 103.31 10.26 0.00 N | 89.09 9.27 0.00 N | 64.29 6.67 0.00 N | 84.25 1.66 -68.28 N | 50.04 4.05 -4.51 N | 46.48 3.60 0.00 N | | |
| NYS_BARGE____HYD 23848 | 33.57 -4.11 0.00 N | 34.69 -4.44 0.00 N | 29.90 -3.49 0.00 N | 44.12 -5.81 0.00 N | 33.01 -4.00 0.00 N | 44.84 -5.45 0.00 N | 62.10 -8.73 0.00 N | 57.14 -6.85 0.00 N | 60.56 -7.59 0.00 N | 48.35 -6.43 0.00 N | 44.43 -6.10 0.00 N | 49.03 -6.55 0.00 N | 57.77 -7.81 0.00 N | 56.06 -7.54 0.00 N | 59.31 -8.30 0.00 N | 65.43 -8.47 0.00 N | 124.20 -16.11 0.00 N | 72.38 -7.58 0.00 N | 85.86 -7.19 0.00 N | 73.10 -6.72 0.00 N | 52.49 -5.12 0.00 N | 22.73 -1.50 -9.92 N | 37.46 -4.67 -0.65 N | 37.85 -5.03 0.00 N | | |
| O.H_GEN_BRUCE 24063 | 33.29 -4.38 0.00 N | 34.42 -4.71 0.00 N | 29.68 -3.71 0.00 N | 43.77 -6.16 0.00 N | 32.74 -4.27 0.00 N | 35.00 -5.58 2.53 N | 24.45 -9.54 30.19 N | 75.00 -5.44 -30.14 N | 59.76 -8.39 0.00 N | 47.70 -7.08 0.00 N | 43.83 -6.69 0.00 N | 48.33 -7.25 0.00 N | 56.98 -8.60 0.00 N | 55.31 -8.29 0.00 N | 58.47 -9.13 0.00 N | 64.46 -9.44 0.00 N | 122.33 -17.97 0.00 N | 71.24 -8.72 0.00 N | 84.66 -8.39 0.00 N | 72.07 -7.76 0.00 N | 51.73 -5.89 0.00 N | 22.30 -1.68 -9.66 N | 37.00 -5.12 -0.64 N | 37.43 -5.44 0.00 N | | |
| OAK ORCHARD____HYD 24046 | 35.17 -2.51 0.00 N | 36.37 -2.76 0.00 N | 31.20 -2.18 0.00 N | 46.32 -3.61 0.00 N | 34.56 -2.45 0.00 N | 47.09 -3.20 0.00 N | 66.05 -4.78 0.00 N | 60.53 -3.45 0.00 N | 64.30 -3.85 0.00 N | 51.57 -3.21 0.00 N | 47.50 -3.03 0.00 N | 52.33 -3.25 0.00 N | 61.60 -3.98 0.00 N | 59.72 -3.88 0.00 N | 63.20 -4.40 0.00 N | 69.49 -4.41 0.00 N | 132.23 -8.07 0.00 N | 76.58 -3.39 0.00 N | 90.05 -3.00 0.00 N | 76.77 -3.05 0.00 N | 55.14 -2.48 0.00 N | 21.77 -0.70 -8.16 N | 39.40 -2.61 -0.54 N | 39.90 -2.98 0.00 N | | |
| OCC_CHEM____DRP 24175 | 33.52 -4.15 0.00 N | 34.66 -4.47 0.00 N | 29.87 -3.51 0.00 N | 44.02 -5.90 0.00 N | 32.96 -4.05 0.00 N | 44.73 -5.56 0.00 N | 61.73 -9.10 0.00 N | 56.82 -7.17 0.00 N | 60.23 -7.92 0.00 N | 48.10 -6.68 0.00 N | 44.20 -6.32 0.00 N | 48.72 -6.86 0.00 N | 57.44 -8.14 0.00 N | 55.77 -7.84 0.00 N | 58.92 -8.68 0.00 N | 64.94 -8.96 0.00 N | 123.30 -17.00 0.00 N | 71.89 -8.08 0.00 N | 85.43 -7.62 0.00 N | 72.70 -7.12 0.00 N | 52.19 -5.43 0.00 N | 22.79 -1.56 -10.04 N | 37.29 -4.85 -0.66 N | 37.70 -5.18 0.00 N | | |
| OLIN_CORP_DRP 24177 | 33.43 -4.25 0.00 N | 34.56 -4.57 0.00 N | 29.80 -3.59 0.00 N | 43.92 -6.00 0.00 N | 32.88 -4.13 0.00 N | 44.61 -5.68 0.00 N | 61.62 -9.22 0.00 N | 56.71 -7.28 0.00 N | 60.11 -8.04 0.00 N | 47.98 -6.81 0.00 N | 44.05 -6.47 0.00 N | 48.57 -7.01 0.00 N | 57.26 -8.33 0.00 N | 55.57 -8.03 0.00 N | 58.73 -8.87 0.00 N | 64.79 -9.10 0.00 N | 122.99 -17.31 0.00 N | 71.75 -8.22 0.00 N | 85.25 -7.80 0.00 N | 72.55 -7.27 0.00 N | 52.07 -5.54 0.00 N | 23.02 -1.59 -10.29 N | 37.24 -4.92 -0.68 N | 37.61 -5.26 0.00 N | | |
| ONONDAGA_REF_OCCRA 23987 | 36.85 -0.82 0.00 N | 38.15 -0.98 0.00 N | 32.60 -0.78 0.00 N | 48.66 -1.27 0.00 N | 36.10 -0.91 0.00 N | 49.20 -1.10 0.00 N | 69.64 -1.19 0.00 N | 63.45 -0.54 0.00 N | 67.60 -0.55 0.00 N | 54.30 -0.49 0.00 N | 50.06 -0.47 0.00 N | 55.08 -0.50 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.79 0.00 N | 66.70 -0.90 0.00 N | 73.09 -0.81 0.00 N | 138.90 -1.40 0.00 N | 79.75 -0.21 0.00 N | 93.00 -0.05 0.00 N | 79.56 -0.27 0.00 N | 57.27 -0.35 0.00 N | 20.31 -0.15 -6.15 N | 41.14 -0.74 -0.41 N | 41.90 -0.98 0.00 N | | |
| ONONDAGA____COGEN 23986 | 36.87 -0.81 0.00 N | 38.18 -0.95 0.00 N | 32.63 -0.75 0.00 N | 48.71 -1.21 0.00 N | 36.16 -0.85 0.00 N | 49.29 -1.00 0.00 N | 69.73 -1.10 0.00 N | 63.51 -0.48 0.00 N | 67.67 -0.48 0.00 N | 54.33 -0.45 0.00 N | 50.07 -0.45 0.00 N | 55.09 -0.49 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.80 0.00 N | 66.69 -0.91 0.00 N | 73.07 -0.83 0.00 N | 138.85 -1.45 0.00 N | 79.72 -0.24 0.00 N | 92.97 -0.08 0.00 N | 79.54 -0.28 0.00 N | 57.27 -0.34 0.00 N | 20.46 -0.12 -6.28 N | 41.18 -0.71 -0.41 N | 41.93 -0.95 0.00 N | | |
| ONTARIO____LFGE 23819 | 35.43 -2.24 0.00 N | 36.59 -2.54 0.00 N | 31.41 -1.98 0.00 N | 46.72 -3.20 0.00 N | 34.75 -2.27 0.00 N | 47.44 -2.85 0.00 N | 67.18 -3.65 0.00 N | 61.59 -2.40 0.00 N | 65.50 -2.65 0.00 N | 52.52 -2.27 0.00 N | 48.38 -2.15 0.00 N | 53.21 -2.37 0.00 N | 62.64 -2.95 0.00 N | 60.65 -2.96 0.00 N | 64.40 -3.20 0.00 N | 70.88 -3.02 0.00 N | 134.75 -5.55 0.00 N | 78.04 -1.93 0.00 N | 91.26 -1.79 0.00 N | 77.84 -1.99 0.00 N | 55.88 -1.74 0.00 N | 23.28 -0.57 -9.54 N | 40.05 -2.06 -0.63 N | 40.46 -2.42 0.00 N | | |
| OSWEGATCHIE____HYD | 36.40 | 37.76 | 32.18 | 48.19 | 35.72 | 48.52 | 68.37 | 61.38 | 65.28 | 52.39 | 48.35 | 53.23 | 63.03 | 61.18 | 64.96 | 70.86 | 134.08 | 76.42 | 88.99 | 76.18 | 54.92 | 13.72 | 39.61 | 41.18 | | |

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| 24044 | -1.28 0.00 N | -1.37 0.00 N | -1.21 0.00 N | -1.73 0.00 N | -1.29 0.00 N | -1.78 0.00 N | -2.45 0.00 N | -2.61 0.00 N | -2.87 0.00 N | -2.40 0.00 N | -2.18 0.00 N | -2.35 0.00 N | -2.56 0.00 N | -2.42 0.00 N | -2.65 0.00 N | -3.04 0.00 N | -6.22 0.00 N | -3.54 0.00 N | -4.06 0.00 N | -3.64 0.00 N | -2.69 0.00 N | -0.59 0.00 N | -1.87 0.00 N | -1.70 0.00 N |
| OSWEGO___5 23606 | 36.48 -1.19 0.00 N | 37.83 -1.30 0.00 N | 32.32 -1.07 0.00 N | 48.24 -1.69 0.00 N | 35.81 -1.20 0.00 N | 48.75 -1.54 0.00 N | 68.76 -2.07 0.00 N | 62.46 -1.53 0.00 N | 66.50 -1.65 0.00 N | 53.38 -1.40 0.00 N | 49.20 -1.33 0.00 N | 54.12 -1.46 0.00 N | 63.74 -1.84 0.00 N | 61.70 -1.90 0.00 N | 65.53 -2.07 0.00 N | 71.76 -2.15 0.00 N | 136.22 -4.08 0.00 N | 78.09 -1.88 0.00 N | 91.02 -2.03 0.00 N | 77.95 -1.87 0.00 N | 56.17 -1.45 0.00 N | 18.67 -0.41 -4.77 N | 40.47 -1.32 -0.31 N | 41.37 -1.51 0.00 N |
| OSWEGO___6 23613 | 36.48 -1.19 0.00 N | 37.83 -1.30 0.00 N | 32.32 -1.07 0.00 N | 48.24 -1.69 0.00 N | 35.81 -1.20 0.00 N | 48.75 -1.54 0.00 N | 68.76 -2.07 0.00 N | 62.46 -1.53 0.00 N | 66.50 -1.65 0.00 N | 53.38 -1.40 0.00 N | 49.20 -1.33 0.00 N | 54.12 -1.46 0.00 N | 63.74 -1.84 0.00 N | 61.70 -1.90 0.00 N | 65.53 -2.07 0.00 N | 71.76 -2.15 0.00 N | 136.22 -4.08 0.00 N | 78.09 -1.88 0.00 N | 91.02 -2.03 0.00 N | 77.95 -1.87 0.00 N | 56.17 -1.45 0.00 N | 18.67 -0.41 -4.77 N | 40.47 -1.32 -0.31 N | 41.37 -1.51 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 33.89 -3.78 0.00 N | 35.05 -4.08 0.00 N | 30.22 -3.16 0.00 N | 44.61 -5.31 0.00 N | 33.36 -3.65 0.00 N | 45.38 -4.92 0.00 N | 63.04 -7.79 0.00 N | 58.09 -5.90 0.00 N | 61.69 -6.46 0.00 N | 49.31 -5.47 0.00 N | 45.33 -5.20 0.00 N | 49.96 -5.62 0.00 N | 58.90 -6.68 0.00 N | 57.10 -6.50 0.00 N | 60.40 -7.20 0.00 N | 66.62 -7.28 0.00 N | 126.36 -13.94 0.00 N | 73.70 -6.27 0.00 N | 87.29 -5.76 0.00 N | 74.32 -5.50 0.00 N | 53.37 -4.25 0.00 N | 23.46 -1.27 -10.42 N | 38.06 -4.10 -0.69 N | 38.42 -4.46 0.00 N |
| OXBOW___ 24026 | 33.83 -3.85 0.00 N | 34.97 -4.16 0.00 N | 30.15 -3.24 0.00 N | 44.47 -5.46 0.00 N | 33.27 -3.74 0.00 N | 45.21 -5.08 0.00 N | 62.63 -8.20 0.00 N | 57.72 -6.27 0.00 N | 61.24 -6.90 0.00 N | 48.94 -5.84 0.00 N | 44.97 -5.55 0.00 N | 49.59 -6.00 0.00 N | 58.45 -7.14 0.00 N | 56.70 -6.91 0.00 N | 59.95 -7.65 0.00 N | 66.09 -7.81 0.00 N | 125.47 -14.83 0.00 N | 73.18 -6.78 0.00 N | 86.80 -6.25 0.00 N | 73.90 -5.92 0.00 N | 52.99 -4.63 0.00 N | 23.09 -1.39 -10.17 N | 37.79 -4.36 -0.67 N | 38.17 -4.71 0.00 N |
| PEEKSKILL___ 23653 | 39.65 1.98 0.00 N | 40.96 1.83 0.00 N | 34.91 1.52 0.00 N | 52.09 2.17 0.00 N | 38.77 1.76 0.00 N | 53.27 2.98 0.00 N | 75.86 5.03 0.00 N | 69.62 5.63 0.00 N | 74.64 6.49 0.00 N | 60.33 5.55 0.00 N | 55.57 5.04 0.00 N | 61.02 5.43 0.00 N | 72.08 6.49 0.00 N | 69.60 6.00 0.00 N | 74.04 6.44 0.00 N | 81.11 7.21 0.00 N | 154.42 14.12 0.00 N | 88.26 8.30 0.00 N | 102.43 9.38 0.00 N | 88.08 8.26 0.00 N | 63.46 5.85 0.00 N | 83.38 1.41 -67.66 N | 49.39 3.44 -4.47 N | 45.85 2.97 0.00 N |
| PGE MADISON___WINDPWR 24146 | 37.04 -0.64 0.00 N | 38.14 -0.99 0.00 N | 32.72 -0.67 0.00 N | 48.78 -1.15 0.00 N | 36.19 -0.81 0.00 N | 49.64 -0.65 0.00 N | 70.97 0.14 0.00 N | 65.18 1.20 0.00 N | 69.54 1.39 0.00 N | 55.90 1.11 0.00 N | 51.52 1.00 0.00 N | 56.71 1.13 0.00 N | 66.65 1.07 0.00 N | 64.50 0.90 0.00 N | 68.49 0.89 0.00 N | 75.31 1.41 0.00 N | 143.55 3.24 0.00 N | 83.12 3.16 0.00 N | 96.88 3.83 0.00 N | 82.59 2.77 0.00 N | 59.26 1.64 0.00 N | 34.78 0.26 -20.21 N | 42.91 0.10 -1.33 N | 42.54 -0.34 0.00 N |
| PIERCEFIELD___HYD 23852 | 36.88 -0.79 0.00 N | 38.37 -0.76 0.00 N | 32.67 -0.71 0.00 N | 49.02 -0.91 0.00 N | 36.27 -0.74 0.00 N | 49.02 -1.28 0.00 N | 68.74 -2.09 0.00 N | 61.05 -2.93 0.00 N | 64.74 -3.41 0.00 N | 51.93 -2.85 0.00 N | 47.92 -2.61 0.00 N | 52.84 -2.74 0.00 N | 62.76 -2.82 0.00 N | 61.05 -2.55 0.00 N | 64.85 -2.75 0.00 N | 70.60 -3.29 0.00 N | 132.94 -7.36 0.00 N | 75.33 -4.63 0.00 N | 87.71 -5.34 0.00 N | 75.19 -4.63 0.00 N | 54.34 -3.28 0.00 N | 13.68 -0.64 0.00 N | 39.67 -1.81 0.00 N | 41.57 -1.31 0.00 N |
| PINELAWN_CC_1 323563 | 40.67 3.00 0.00 N | 43.87 2.97 -1.77 N | 35.85 2.46 0.00 N | 53.40 3.48 0.00 N | 39.77 2.76 0.00 N | 72.74 4.58 -17.86 N | 86.23 6.80 -8.60 N | 85.30 7.59 -13.72 N | 85.34 8.62 -8.57 N | 81.71 7.37 -19.56 N | 88.58 6.65 -31.40 N | 86.34 7.23 -23.52 N | 88.96 8.46 -14.91 N | 89.34 7.69 -18.04 N | 86.60 8.44 -10.56 N | 95.95 9.19 -12.86 N | 168.32 17.79 -10.22 N | 95.15 9.60 -5.59 N | 105.68 11.04 -1.59 N | 99.55 9.87 -9.86 N | 84.80 7.26 -19.93 N | 101.35 2.00 -85.04 N | 87.05 4.50 -41.07 N | 75.74 4.27 -28.59 N |
| PJM_GEN_KEystone 24065 | 33.87 -3.80 0.00 N | 34.84 -4.29 0.00 N | 29.98 -3.41 0.00 N | 44.79 -5.13 0.00 N | 33.19 -3.82 0.00 N | 36.00 -3.57 3.54 N | 59.00 -5.81 -0.63 N | 59.84 -4.15 0.00 N | 63.61 -4.54 0.00 N | 50.90 -3.88 0.00 N | 46.75 -3.77 0.00 N | 51.25 -4.33 0.00 N | 60.30 -5.28 0.00 N | 58.25 -5.36 0.00 N | 62.08 -5.53 0.00 N | 69.00 -4.89 0.00 N | 130.54 -9.77 0.00 N | 77.00 -2.40 -14.94 N | 89.14 -3.91 0.00 N | 75.92 -3.90 0.00 N | 71.33 -5.66 -7.00 N | 38.00 -5.99 12.84 N | 26.31 -5.23 11.07 N | 39.09 -3.79 0.00 N |
| PLEASANTVLY___LBMP 24000 | 39.61 1.94 0.00 N | 40.94 1.81 0.00 N | 34.91 1.53 0.00 N | 52.08 2.15 0.00 N | 38.75 1.74 0.00 N | 53.19 2.89 0.00 N | 75.63 4.80 0.00 N | 69.18 5.20 0.00 N | 74.16 6.01 0.00 N | 59.92 5.13 0.00 N | 55.21 4.68 0.00 N | 60.63 5.05 0.00 N | 71.66 6.07 0.00 N | 69.25 5.64 0.00 N | 73.64 6.04 0.00 N | 80.61 6.71 0.00 N | 153.52 13.22 0.00 N | 87.61 7.65 0.00 N | 101.63 8.59 0.00 N | 87.36 7.54 0.00 N | 63.02 5.41 0.00 N | 86.18 1.32 -70.54 N | 49.43 3.30 -4.66 N | 45.74 2.86 0.00 N |
| POLETTI___ 23519 | 39.97 2.30 0.00 N | 41.23 2.10 0.00 N | 35.11 1.72 0.00 N | 52.37 2.45 0.00 N | 39.00 1.99 0.00 N | 53.66 3.36 0.00 N | 76.46 5.63 0.00 N | 70.23 6.24 0.00 N | 75.36 7.21 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.71 6.13 0.00 N | 72.90 7.32 0.00 N | 70.39 6.78 0.00 N | 74.89 7.29 0.00 N | 82.04 8.14 0.00 N | 156.07 15.77 0.00 N | 89.06 9.09 0.00 N | 103.16 10.11 0.00 N | 88.85 9.02 0.00 N | 64.04 6.42 0.00 N | 84.15 1.55 -68.28 N | 49.81 3.82 -4.51 N | 46.22 3.34 0.00 N |
| PORT_JEFF_3 23555 | 40.99 3.32 0.00 N | 44.20 3.30 -1.77 N | 36.10 2.71 0.00 N | 53.78 3.85 0.00 N | 40.09 3.08 0.00 N | 73.23 5.08 -17.86 N | 86.18 6.75 -8.60 N | 85.08 7.37 -13.72 N | 84.98 8.26 -8.57 N | 81.38 7.04 -19.56 N | 88.20 6.28 -31.40 N | 86.02 6.92 -23.52 N | 88.36 7.86 -14.91 N | 88.73 7.08 -18.04 N | 86.01 7.85 -10.56 N | 95.13 8.37 -12.86 N | 166.67 16.15 -10.22 N | 93.95 8.40 -5.59 N | 104.38 9.73 -1.59 N | 98.66 8.98 -9.86 N | 84.52 6.97 -19.93 N | 101.32 1.96 -85.04 N | 86.89 4.34 -41.07 N | 75.76 4.30 -28.59 N |
| PORT_JEFF_4 23616 | 40.99 3.32 0.00 N | 44.20 3.30 -1.77 N | 36.10 2.71 0.00 N | 53.78 3.85 0.00 N | 40.09 3.08 0.00 N | 73.23 5.08 -17.86 N | 86.18 6.75 -8.60 N | 85.08 7.37 -13.72 N | 84.97 8.25 -8.57 N | 81.38 7.04 -19.56 N | 88.20 6.28 -31.40 N | 86.02 6.92 -23.52 N | 88.36 7.86 -14.91 N | 88.72 7.08 -18.04 N | 86.01 7.85 -10.56 N | 95.13 8.37 -12.86 N | 166.67 16.15 -10.22 N | 93.95 8.40 -5.59 N | 104.37 9.73 -1.59 N | 98.66 8.98 -9.86 N | 84.52 6.97 -19.93 N | 101.32 1.96 -85.04 N | 86.89 4.34 -41.07 N | 75.76 4.29 -28.59 N |

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| PORT_JEFF_IC 23713 | 41.10 3.43 0.00 N | 44.29 3.39 -1.77 N | 36.18 2.79 0.00 N | 53.90 3.97 0.00 N | 40.17 3.17 0.00 N | 73.37 5.21 -17.86 N | 86.45 7.02 -8.60 N | 85.34 7.64 -13.72 N | 85.28 8.56 -8.57 N | 81.64 7.29 -19.56 N | 88.43 6.51 -31.40 N | 86.27 7.17 -23.52 N | 88.69 8.19 -14.91 N | 89.03 7.38 -18.04 N | 86.33 8.17 -10.56 N | 95.50 8.74 -12.86 N | 167.41 16.89 -10.22 N | 94.11 8.56 -5.59 N | 104.56 9.91 -1.59 N | 98.85 9.17 -9.86 N | 84.82 7.28 -19.93 N | 101.39 2.03 -85.04 N | 87.07 4.52 -41.07 N | 75.90 4.43 -28.59 N |
| PPL PILGRIM_ST_GT1 24216 | 41.11 3.44 0.00 N | 44.25 3.36 -1.77 N | 36.15 2.76 0.00 N | 53.86 3.93 0.00 N | 40.14 3.13 0.00 N | 73.32 5.17 -17.86 N | 86.71 7.28 -8.60 N | 85.62 7.92 -13.72 N | 85.66 8.94 -8.57 N | 81.96 7.62 -19.56 N | 88.75 6.83 -31.40 N | 86.60 7.50 -23.52 N | 89.19 8.69 -14.91 N | 89.52 7.88 -18.04 N | 86.83 8.67 -10.56 N | 96.16 9.40 -12.86 N | 168.65 18.12 -10.22 N | 94.73 9.17 -5.59 N | 105.23 10.59 -1.59 N | 99.30 9.62 -9.86 N | 85.06 7.51 -19.93 N | 101.42 2.07 -85.04 N | 87.28 4.74 -41.07 N | 76.01 4.54 -28.59 N |
| PPL PILGRIM_ST_GT2 24217 | 41.11 3.44 0.00 N | 44.25 3.36 -1.77 N | 36.15 2.76 0.00 N | 53.86 3.93 0.00 N | 40.14 3.13 0.00 N | 73.32 5.17 -17.86 N | 86.71 7.28 -8.60 N | 85.62 7.92 -13.72 N | 85.66 8.94 -8.57 N | 81.96 7.62 -19.56 N | 88.75 6.83 -31.40 N | 86.60 7.50 -23.52 N | 89.19 8.69 -14.91 N | 89.52 7.88 -18.04 N | 86.83 8.67 -10.56 N | 96.16 9.40 -12.86 N | 168.65 18.12 -10.22 N | 94.73 9.17 -5.59 N | 105.23 10.59 -1.59 N | 99.30 9.62 -9.86 N | 85.06 7.51 -19.93 N | 101.42 2.07 -85.04 N | 87.28 4.74 -41.07 N | 76.01 4.54 -28.59 N |
| PPL_SHRM_GT3 24213 | 41.19 3.52 0.00 N | 44.49 3.59 -1.77 N | 36.35 2.96 0.00 N | 54.15 4.23 0.00 N | 40.37 3.37 0.00 N | 73.68 5.52 -17.86 N | 86.83 7.40 -8.60 N | 85.51 7.81 -13.72 N | 85.21 8.49 -8.57 N | 81.54 7.20 -19.56 N | 88.36 6.44 -31.40 N | 86.17 7.07 -23.52 N | 88.03 7.53 -14.91 N | 88.39 6.74 -18.04 N | 85.62 7.46 -10.56 N | 94.82 8.06 -12.86 N | 166.19 15.66 -10.22 N | 93.96 8.41 -5.59 N | 105.06 10.42 -1.59 N | 99.25 9.57 -9.86 N | 84.78 7.24 -19.93 N | 101.37 2.02 -85.04 N | 87.16 4.61 -41.07 N | 75.89 4.43 -28.59 N |
| PPL_SHRM_GT4 24214 | 41.19 3.52 0.00 N | 44.49 3.59 -1.77 N | 36.35 2.96 0.00 N | 54.15 4.23 0.00 N | 40.37 3.37 0.00 N | 73.68 5.52 -17.86 N | 86.83 7.40 -8.60 N | 85.51 7.81 -13.72 N | 85.21 8.49 -8.57 N | 81.54 7.20 -19.56 N | 88.36 6.44 -31.40 N | 86.17 7.07 -23.52 N | 88.03 7.53 -14.91 N | 88.39 6.74 -18.04 N | 85.62 7.46 -10.56 N | 94.82 8.06 -12.86 N | 166.19 15.66 -10.22 N | 93.96 8.41 -5.59 N | 105.06 10.42 -1.59 N | 99.25 9.57 -9.86 N | 84.78 7.24 -19.93 N | 101.37 2.02 -85.04 N | 87.16 4.61 -41.07 N | 75.89 4.43 -28.59 N |
| PROJECT___ORANGE 1 24174 | 36.75 -0.92 0.00 N | 38.07 -1.06 0.00 N | 32.53 -0.86 0.00 N | 48.56 -1.37 0.00 N | 36.01 -1.00 0.00 N | 48.98 -1.31 0.00 N | 69.28 -1.55 0.00 N | 63.12 -0.86 0.00 N | 67.23 -0.91 0.00 N | 54.02 -0.77 0.00 N | 49.78 -0.74 0.00 N | 54.79 -0.79 0.00 N | 64.50 -1.09 0.00 N | 62.46 -1.15 0.00 N | 66.34 -1.26 0.00 N | 72.70 -1.20 0.00 N | 138.09 -2.22 0.00 N | 79.30 -0.66 0.00 N | 92.47 -0.58 0.00 N | 79.14 -0.69 0.00 N | 56.94 -0.68 0.00 N | 19.32 -0.27 -5.27 N | 40.88 -0.94 -0.35 N | 41.69 -1.19 0.00 N |
| PROJECT___ORANGE 2 24166 | 36.75 -0.92 0.00 N | 38.07 -1.06 0.00 N | 32.53 -0.86 0.00 N | 48.56 -1.37 0.00 N | 36.01 -1.00 0.00 N | 48.98 -1.31 0.00 N | 69.28 -1.55 0.00 N | 63.12 -0.86 0.00 N | 67.23 -0.91 0.00 N | 54.02 -0.77 0.00 N | 49.78 -0.74 0.00 N | 54.79 -0.79 0.00 N | 64.50 -1.09 0.00 N | 62.46 -1.15 0.00 N | 66.34 -1.26 0.00 N | 72.70 -1.20 0.00 N | 138.09 -2.22 0.00 N | 79.30 -0.66 0.00 N | 92.47 -0.58 0.00 N | 79.14 -0.69 0.00 N | 56.94 -0.68 0.00 N | 19.32 -0.27 -5.27 N | 40.88 -0.94 -0.35 N | 41.69 -1.19 0.00 N |
| PYRITES___HYD 24023 | 37.49 -0.18 0.00 N | 38.98 -0.15 0.00 N | 33.19 -0.20 0.00 N | 49.79 -0.14 0.00 N | 36.85 -0.16 0.00 N | 49.84 -0.45 0.00 N | 69.95 -0.88 0.00 N | 62.21 -1.78 0.00 N | 66.00 -2.15 0.00 N | 52.93 -1.85 0.00 N | 48.85 -1.67 0.00 N | 53.89 -1.69 0.00 N | 63.95 -1.63 0.00 N | 62.21 -1.40 0.00 N | 66.09 -1.52 0.00 N | 71.96 -1.94 0.00 N | 135.61 -4.68 0.00 N | 76.93 -3.04 0.00 N | 89.56 -3.49 0.00 N | 76.72 -3.10 0.00 N | 55.41 -2.20 0.00 N | 13.92 -0.39 0.00 N | 40.36 -1.12 0.00 N | 42.28 -0.60 0.00 N |
| RAMAPO___LBMP 323565 | 39.58 1.90 0.00 N | 40.89 1.76 0.00 N | 34.86 1.48 0.00 N | 52.03 2.10 0.00 N | 38.73 1.72 0.00 N | 53.21 2.92 0.00 N | 75.76 4.93 0.00 N | 69.56 5.58 0.00 N | 74.57 6.42 0.00 N | 60.24 5.45 0.00 N | 55.48 4.95 0.00 N | 60.90 5.32 0.00 N | 71.92 6.34 0.00 N | 69.45 5.84 0.00 N | 73.86 6.26 0.00 N | 80.93 7.04 0.00 N | 154.08 13.78 0.00 N | 88.16 8.20 0.00 N | 102.39 9.33 0.00 N | 88.00 8.18 0.00 N | 63.41 5.79 0.00 N | 81.87 1.41 -66.15 N | 49.21 3.36 -4.37 N | 45.76 2.88 0.00 N |
| RANKINE____ 23646 | 33.70 -3.97 0.00 N | 34.78 -4.35 0.00 N | 29.98 -3.41 0.00 N | 44.31 -5.61 0.00 N | 33.10 -3.91 0.00 N | 45.02 -5.27 0.00 N | 62.78 -8.05 0.00 N | 57.87 -6.12 0.00 N | 61.41 -6.74 0.00 N | 49.09 -5.69 0.00 N | 45.15 -5.38 0.00 N | 49.70 -5.88 0.00 N | 58.56 -7.02 0.00 N | 56.76 -6.84 0.00 N | 60.13 -7.47 0.00 N | 66.40 -7.50 0.00 N | 126.06 -14.24 0.00 N | 73.58 -6.38 0.00 N | 86.98 -6.07 0.00 N | 74.02 -5.80 0.00 N | 53.06 -4.56 0.00 N | 24.09 -1.39 -11.17 N | 37.89 -4.33 -0.74 N | 38.19 -4.69 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 40.01 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.42 2.50 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.28 0.00 N | 75.38 7.23 0.00 N | 60.99 6.21 0.00 N | 56.18 5.66 0.00 N | 61.69 6.10 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.09 15.79 0.00 N | 89.12 9.15 0.00 N | 103.28 10.23 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 40.01 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.42 2.50 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.28 0.00 N | 75.38 7.23 0.00 N | 60.99 6.21 0.00 N | 56.18 5.66 0.00 N | 61.69 6.10 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.09 15.79 0.00 N | 89.12 9.15 0.00 N | 103.28 10.23 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 40.03 2.36 0.00 N | 41.29 2.16 0.00 N | 35.15 1.77 0.00 N | 52.45 2.53 0.00 N | 39.05 2.04 0.00 N | 53.72 3.43 0.00 N | 76.55 5.72 0.00 N | 70.33 6.34 0.00 N | 75.46 7.31 0.00 N | 61.06 6.27 0.00 N | 56.23 5.71 0.00 N | 61.75 6.17 0.00 N | 72.96 7.37 0.00 N | 70.44 6.84 0.00 N | 74.94 7.34 0.00 N | 82.10 8.20 0.00 N | 156.26 15.96 0.00 N | 89.21 9.25 0.00 N | 103.40 10.35 0.00 N | 88.98 9.16 0.00 N | 64.12 6.51 0.00 N | 84.17 1.57 -68.28 N | 49.87 3.88 -4.51 N | 46.27 3.39 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 40.03 2.36 0.00 N | 41.29 2.16 0.00 N | 35.15 1.77 0.00 N | 52.45 2.53 0.00 N | 39.05 2.04 0.00 N | 53.72 3.43 0.00 N | 76.55 5.72 0.00 N | 70.33 6.34 0.00 N | 75.46 7.31 0.00 N | 61.06 6.27 0.00 N | 56.23 5.71 0.00 N | 61.75 6.17 0.00 N | 72.96 7.37 0.00 N | 70.44 6.84 0.00 N | 74.94 7.34 0.00 N | 82.10 8.20 0.00 N | 156.26 15.96 0.00 N | 89.21 9.25 0.00 N | 103.40 10.35 0.00 N | 88.98 9.16 0.00 N | 64.12 6.51 0.00 N | 84.17 1.57 -68.28 N | 49.87 3.88 -4.51 N | 46.27 3.39 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|----------------------------|
| RAVENSWOOD_GT3_1 24248 | 40.01 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.42 2.50 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.28 0.00 N | 75.38 7.23 0.00 N | 60.99 6.21 0.00 N | 56.18 5.66 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.07 15.77 0.00 N | 89.12 9.15 0.00 N | 103.28 10.23 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 40.01 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.42 2.50 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.28 0.00 N | 75.38 7.23 0.00 N | 60.99 6.21 0.00 N | 56.18 5.66 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.07 15.77 0.00 N | 89.12 9.15 0.00 N | 103.28 10.23 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 40.04 2.38 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.48 2.56 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.37 6.39 0.00 N | 75.51 7.36 0.00 N | 61.09 6.31 0.00 N | 56.28 5.76 0.00 N | 61.79 6.21 0.00 N | 73.01 7.42 0.00 N | 70.48 6.87 0.00 N | 75.00 7.40 0.00 N | 82.16 8.26 0.00 N | 156.37 16.07 0.00 N | 89.28 9.32 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.17 1.58 -68.28 N | 49.90 3.91 -4.51 N | 46.30 3.42 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 40.04 2.38 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.48 2.56 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.62 5.79 0.00 N | 70.37 6.39 0.00 N | 75.51 7.36 0.00 N | 61.09 6.31 0.00 N | 56.28 5.76 0.00 N | 61.79 6.21 0.00 N | 73.01 7.42 0.00 N | 70.48 6.87 0.00 N | 75.00 7.40 0.00 N | 82.16 8.26 0.00 N | 156.37 16.07 0.00 N | 89.28 9.32 0.00 N | 103.48 10.43 0.00 N | 89.04 9.22 0.00 N | 64.16 6.54 0.00 N | 84.17 1.58 -68.28 N | 49.90 3.91 -4.51 N | 46.30 3.42 0.00 N |
| RAVENSWOOD_GT_1 23729 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |
| RAVENSWOOD_GT_10 24258 | 40.00 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.41 2.48 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.27 0.00 N | 75.37 7.23 0.00 N | 60.98 6.20 0.00 N | 56.18 5.65 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT_11 24259 | 40.00 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.41 2.48 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.27 0.00 N | 75.37 7.23 0.00 N | 60.98 6.20 0.00 N | 56.18 5.65 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT_4 24252 | 39.98 2.31 0.00 N | 41.26 2.13 0.00 N | 35.14 1.76 0.00 N | 52.43 2.50 0.00 N | 39.03 2.01 0.00 N | 53.69 3.40 0.00 N | 76.50 5.67 0.00 N | 70.27 6.28 0.00 N | 75.39 7.24 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.70 6.12 0.00 N | 72.89 7.30 0.00 N | 70.38 6.77 0.00 N | 74.88 7.28 0.00 N | 82.02 8.12 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.06 6.44 0.00 N | 84.16 1.56 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.36 0.00 N |
| RAVENSWOOD_GT_5 24254 | 39.98 2.31 0.00 N | 41.26 2.13 0.00 N | 35.14 1.76 0.00 N | 52.43 2.50 0.00 N | 39.03 2.01 0.00 N | 53.69 3.40 0.00 N | 76.50 5.67 0.00 N | 70.27 6.28 0.00 N | 75.39 7.24 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.70 6.12 0.00 N | 72.89 7.30 0.00 N | 70.38 6.77 0.00 N | 74.88 7.28 0.00 N | 82.02 8.12 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.06 6.44 0.00 N | 84.16 1.56 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.36 0.00 N |
| RAVENSWOOD_GT_6 24253 | 39.98 2.31 0.00 N | 41.26 2.13 0.00 N | 35.14 1.76 0.00 N | 52.43 2.50 0.00 N | 39.03 2.01 0.00 N | 53.69 3.40 0.00 N | 76.50 5.67 0.00 N | 70.27 6.28 0.00 N | 75.39 7.24 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.70 6.12 0.00 N | 72.89 7.30 0.00 N | 70.38 6.77 0.00 N | 74.88 7.28 0.00 N | 82.02 8.12 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.06 6.44 0.00 N | 84.16 1.56 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.36 0.00 N |
| RAVENSWOOD_GT_7 24255 | 39.98 2.31 0.00 N | 41.26 2.13 0.00 N | 35.14 1.76 0.00 N | 52.43 2.50 0.00 N | 39.03 2.01 0.00 N | 53.69 3.40 0.00 N | 76.50 5.67 0.00 N | 70.27 6.28 0.00 N | 75.39 7.24 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.70 6.12 0.00 N | 72.89 7.30 0.00 N | 70.38 6.77 0.00 N | 74.88 7.28 0.00 N | 82.02 8.12 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.06 6.44 0.00 N | 84.16 1.56 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.36 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 40.00 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.41 2.48 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.27 0.00 N | 75.37 7.23 0.00 N | 60.98 6.20 0.00 N | 56.18 5.65 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD_GT_9 24257 | 40.00 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.75 0.00 N | 52.41 2.48 0.00 N | 39.03 2.01 0.00 N | 53.68 3.38 0.00 N | 76.49 5.66 0.00 N | 70.26 6.27 0.00 N | 75.37 7.23 0.00 N | 60.98 6.20 0.00 N | 56.18 5.65 0.00 N | 61.69 6.11 0.00 N | 72.88 7.29 0.00 N | 70.37 6.76 0.00 N | 74.86 7.26 0.00 N | 82.01 8.11 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.05 6.43 0.00 N | 84.15 1.55 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.35 0.00 N |
| RAVENSWOOD___1 | 40.08 | 41.40 | 35.29 | 52.63 | 39.14 | 53.80 | 76.59 | 74.98 | 90.34 | 69.52 | 56.34 | 61.74 | 73.01 | 70.49 | 75.03 | 82.18 | 156.01 | 88.99 | 103.20 | 88.92 | 64.09 | 84.20 | 49.88 | 46.33 |

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| 23533 | 2.41 0.00 N | 2.27 0.00 N | 1.90 0.00 N | 2.70 0.00 N | 2.13 0.00 N | 3.51 0.00 N | 5.76 0.00 N | 6.49 -4.51 N | 7.45 -14.74 N | 6.39 -8.34 N | 5.82 0.00 N | 6.16 0.00 N | 7.43 0.00 N | 6.89 0.00 N | 7.43 0.00 N | 8.27 0.00 N | 15.71 0.00 N | 9.03 0.00 N | 10.15 0.00 N | 9.10 0.00 N | 6.47 0.00 N | 1.60 -68.28 N | 3.90 -4.51 N | 3.45 0.00 N |
| RAVENSWOOD____2 23534 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |
| RAVENSWOOD____3 23535 | 40.01 2.33 0.00 N | 41.26 2.13 0.00 N | 35.14 1.76 0.00 N | 52.43 2.50 0.00 N | 39.03 2.01 0.00 N | 53.69 3.40 0.00 N | 76.50 5.67 0.00 N | 70.27 6.28 0.00 N | 75.39 7.24 0.00 N | 61.00 6.22 0.00 N | 56.18 5.66 0.00 N | 61.70 6.12 0.00 N | 72.90 7.31 0.00 N | 70.38 6.77 0.00 N | 74.88 7.28 0.00 N | 82.02 8.12 0.00 N | 156.12 15.82 0.00 N | 89.12 9.15 0.00 N | 103.30 10.25 0.00 N | 88.88 9.06 0.00 N | 64.06 6.45 0.00 N | 84.16 1.56 -68.28 N | 49.83 3.84 -4.51 N | 46.23 3.36 0.00 N |
| RAVENSWOOD____4 23820 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |
| RCPI_TRUST____DRP 24196 | 40.04 2.37 0.00 N | 41.30 2.17 0.00 N | 35.18 1.79 0.00 N | 52.47 2.55 0.00 N | 39.06 2.05 0.00 N | 53.75 3.46 0.00 N | 76.59 5.76 0.00 N | 70.34 6.35 0.00 N | 75.49 7.35 0.00 N | 61.08 6.30 0.00 N | 56.28 5.75 0.00 N | 61.82 6.24 0.00 N | 73.01 7.42 0.00 N | 70.49 6.89 0.00 N | 75.00 7.40 0.00 N | 82.17 8.27 0.00 N | 156.40 16.10 0.00 N | 89.31 9.35 0.00 N | 103.48 10.43 0.00 N | 89.02 9.20 0.00 N | 64.14 6.53 0.00 N | 84.18 1.58 -68.28 N | 49.88 3.89 -4.51 N | 46.28 3.40 0.00 N |
| RENSSELAER____COGEN 23796 | 38.76 1.09 0.00 N | 40.19 1.06 0.00 N | 34.26 0.87 0.00 N | 51.15 1.22 0.00 N | 37.95 0.94 0.00 N | 51.74 1.45 0.00 N | 73.11 2.28 0.00 N | 66.06 2.08 0.00 N | 70.63 2.48 0.00 N | 57.08 2.29 0.00 N | 52.61 2.09 0.00 N | 57.67 2.10 0.00 N | 68.25 2.67 0.00 N | 66.39 2.79 0.00 N | 70.41 2.81 0.00 N | 76.75 2.85 0.00 N | 146.34 6.04 0.00 N | 83.34 3.37 0.00 N | 96.60 3.55 0.00 N | 82.95 3.13 0.00 N | 59.96 2.34 0.00 N | 101.02 0.47 -86.23 N | 49.52 2.35 -5.69 N | 45.00 2.12 0.00 N |
| REVERE_CPPR_DRP 24186 | 37.67 0.00 0.00 N | 38.96 -0.17 0.00 N | 33.23 -0.16 0.00 N | 49.65 -0.27 0.00 N | 36.88 -0.13 0.00 N | 50.39 0.10 0.00 N | 71.54 0.71 0.00 N | 65.21 1.22 0.00 N | 69.51 1.36 0.00 N | 55.89 1.10 0.00 N | 51.54 1.01 0.00 N | 56.68 1.10 0.00 N | 66.83 1.25 0.00 N | 64.73 1.12 0.00 N | 68.71 1.11 0.00 N | 75.29 1.39 0.00 N | 143.27 2.97 0.00 N | 82.22 2.26 0.00 N | 95.71 2.66 0.00 N | 81.89 2.06 0.00 N | 58.85 1.24 0.00 N | 15.97 0.28 -1.38 N | 41.92 0.35 -0.09 N | 42.99 0.11 0.00 N |
| ROCHESTER_9_IC 23652 | 35.58 -2.09 0.00 N | 36.77 -2.36 0.00 N | 31.55 -1.84 0.00 N | 46.84 -3.09 0.00 N | 34.96 -2.05 0.00 N | 47.69 -2.60 0.00 N | 67.04 -3.80 0.00 N | 61.51 -2.47 0.00 N | 65.33 -2.82 0.00 N | 52.42 -2.37 0.00 N | 48.31 -2.22 0.00 N | 53.21 -2.38 0.00 N | 62.60 -2.99 0.00 N | 60.71 -2.90 0.00 N | 64.23 -3.37 0.00 N | 70.65 -3.25 0.00 N | 134.49 -5.81 0.00 N | 78.00 -1.96 0.00 N | 91.67 -1.38 0.00 N | 78.09 -1.73 0.00 N | 56.06 -1.56 0.00 N | 22.00 -0.47 -8.16 N | 39.98 -2.04 -0.54 N | 40.45 -2.43 0.00 N |
| ROSETON____1 23587 | 39.53 1.86 0.00 N | 40.86 1.73 0.00 N | 34.85 1.46 0.00 N | 52.01 2.08 0.00 N | 38.68 1.67 0.00 N | 53.08 2.79 0.00 N | 75.45 4.62 0.00 N | 69.03 5.04 0.00 N | 73.97 5.82 0.00 N | 59.75 4.97 0.00 N | 55.06 4.53 0.00 N | 60.48 4.90 0.00 N | 71.45 5.87 0.00 N | 69.04 5.44 0.00 N | 73.43 5.82 0.00 N | 80.39 6.50 0.00 N | 153.06 12.76 0.00 N | 87.38 7.42 0.00 N | 101.40 8.34 0.00 N | 87.17 7.35 0.00 N | 62.86 5.24 0.00 N | 83.48 1.26 -67.91 N | 49.14 3.18 -4.48 N | 45.63 2.75 0.00 N |
| ROSETON____2 23588 | 39.53 1.86 0.00 N | 40.86 1.73 0.00 N | 34.85 1.46 0.00 N | 52.01 2.08 0.00 N | 38.68 1.67 0.00 N | 53.08 2.79 0.00 N | 75.45 4.62 0.00 N | 69.03 5.04 0.00 N | 73.97 5.82 0.00 N | 59.75 4.97 0.00 N | 55.06 4.53 0.00 N | 60.48 4.90 0.00 N | 71.45 5.87 0.00 N | 69.04 5.44 0.00 N | 73.43 5.82 0.00 N | 80.39 6.50 0.00 N | 153.06 12.76 0.00 N | 87.38 7.42 0.00 N | 101.40 8.34 0.00 N | 87.17 7.35 0.00 N | 62.86 5.24 0.00 N | 83.48 1.26 -67.91 N | 49.14 3.18 -4.48 N | 45.63 2.75 0.00 N |
| RUSSELL____1 23602 | 35.39 -2.28 0.00 N | 36.61 -2.52 0.00 N | 31.41 -1.98 0.00 N | 46.61 -3.31 0.00 N | 34.88 -2.13 0.00 N | 47.66 -2.63 0.00 N | 66.90 -3.93 0.00 N | 61.18 -2.81 0.00 N | 64.65 -3.50 0.00 N | 52.07 -2.71 0.00 N | 48.08 -2.45 0.00 N | 52.90 -2.68 0.00 N | 62.08 -3.50 0.00 N | 60.22 -3.38 0.00 N | 63.61 -4.00 0.00 N | 70.00 -3.90 0.00 N | 133.63 -6.68 0.00 N | 77.64 -2.33 0.00 N | 91.08 -1.96 0.00 N | 77.50 -2.32 0.00 N | 55.63 -1.99 0.00 N | 21.91 -0.44 -8.03 N | 39.75 -2.26 -0.53 N | 40.22 -2.66 0.00 N |
| RUSSELL____2 23532 | 35.39 -2.28 0.00 N | 36.61 -2.52 0.00 N | 31.41 -1.98 0.00 N | 46.61 -3.31 0.00 N | 34.88 -2.13 0.00 N | 47.66 -2.63 0.00 N | 66.90 -3.93 0.00 N | 61.18 -2.81 0.00 N | 64.65 -3.50 0.00 N | 52.07 -2.71 0.00 N | 48.08 -2.45 0.00 N | 52.90 -2.68 0.00 N | 62.08 -3.50 0.00 N | 60.22 -3.38 0.00 N | 63.61 -4.00 0.00 N | 70.00 -3.90 0.00 N | 133.63 -6.68 0.00 N | 77.64 -2.33 0.00 N | 91.08 -1.96 0.00 N | 77.50 -2.32 0.00 N | 55.63 -1.99 0.00 N | 21.91 -0.44 -8.03 N | 39.75 -2.26 -0.53 N | 40.22 -2.66 0.00 N |
| RUSSELL____3 23549 | 35.45 -2.22 0.00 N | 36.65 -2.48 0.00 N | 31.44 -1.95 0.00 N | 46.67 -3.26 0.00 N | 34.86 -2.15 0.00 N | 47.58 -2.71 0.00 N | 66.78 -4.05 0.00 N | 61.15 -2.84 0.00 N | 64.84 -3.31 0.00 N | 52.14 -2.64 0.00 N | 48.09 -2.43 0.00 N | 52.98 -2.60 0.00 N | 62.22 -3.36 0.00 N | 60.39 -3.22 0.00 N | 63.80 -3.80 0.00 N | 70.13 -3.77 0.00 N | 133.66 -6.65 0.00 N | 77.55 -2.42 0.00 N | 91.07 -1.97 0.00 N | 77.56 -2.26 0.00 N | 55.71 -1.90 0.00 N | 21.95 -0.53 -8.16 N | 39.80 -2.22 -0.54 N | 40.29 -2.59 0.00 N |
| RUSSELL____4 23556 | 35.38 -2.29 0.00 N | 36.60 -2.52 0.00 N | 31.41 -1.98 0.00 N | 46.61 -3.31 0.00 N | 34.88 -2.13 0.00 N | 47.65 -2.65 0.00 N | 66.88 -3.95 0.00 N | 61.16 -2.83 0.00 N | 64.64 -3.51 0.00 N | 52.06 -2.72 0.00 N | 48.06 -2.47 0.00 N | 52.89 -2.69 0.00 N | 62.07 -3.51 0.00 N | 60.22 -3.38 0.00 N | 63.60 -4.01 0.00 N | 69.98 -3.91 0.00 N | 133.62 -6.68 0.00 N | 77.62 -2.35 0.00 N | 91.06 -1.98 0.00 N | 77.47 -2.35 0.00 N | 55.61 -2.01 0.00 N | 21.90 -0.45 -8.03 N | 39.75 -2.26 -0.53 N | 40.21 -2.67 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| RUSSELL___STATION 23914 | 35.45 -2.22 0.00 N | 36.65 -2.48 0.00 N | 31.44 -1.95 0.00 N | 46.67 -3.26 0.00 N | 34.86 -2.15 0.00 N | 47.58 -2.71 0.00 N | 66.78 -4.05 0.00 N | 61.15 -2.84 0.00 N | 64.84 -3.31 0.00 N | 52.14 -2.64 0.00 N | 48.09 -2.43 0.00 N | 52.98 -2.60 0.00 N | 62.22 -3.36 0.00 N | 60.39 -3.22 0.00 N | 63.80 -3.80 0.00 N | 70.13 -3.77 0.00 N | 133.66 -6.65 0.00 N | 77.55 -2.42 0.00 N | 91.07 -1.97 0.00 N | 77.56 -2.26 0.00 N | 55.71 -1.90 0.00 N | 21.95 -0.53 -8.16 N | 39.80 -2.22 -0.54 N | 40.29 -2.59 0.00 N |
| S SALMON___HYD 24043 | 36.38 -1.30 0.00 N | 37.65 -1.48 0.00 N | 32.15 -1.24 0.00 N | 48.00 -1.92 0.00 N | 35.65 -1.36 0.00 N | 48.62 -1.68 0.00 N | 68.85 -1.98 0.00 N | 62.66 -1.32 0.00 N | 66.78 -1.38 0.00 N | 53.62 -1.16 0.00 N | 49.43 -1.09 0.00 N | 54.31 -1.28 0.00 N | 63.94 -1.65 0.00 N | 61.93 -2.73 0.00 N | 65.73 -1.87 0.00 N | 71.86 -2.04 0.00 N | 136.64 -3.67 0.00 N | 78.43 -1.53 0.00 N | 91.41 -1.64 0.00 N | 78.19 -1.63 0.00 N | 56.28 -1.34 0.00 N | 18.21 -0.37 -4.27 N | 40.44 -1.32 -0.28 N | 41.33 -1.55 0.00 N |
| SELKIRK___II 23799 | 38.65 0.98 0.00 N | 40.12 0.99 0.00 N | 34.25 0.87 0.00 N | 51.13 1.21 0.00 N | 37.94 0.93 0.00 N | 51.71 1.42 0.00 N | 72.74 1.91 0.00 N | 65.65 1.67 0.00 N | 70.09 1.94 0.00 N | 56.57 1.78 0.00 N | 52.00 1.48 0.00 N | 57.01 1.43 0.00 N | 67.58 2.00 0.00 N | 65.68 2.07 0.00 N | 69.74 2.14 0.00 N | 76.15 2.25 0.00 N | 144.90 4.60 0.00 N | 82.49 2.52 0.00 N | 95.71 2.66 0.00 N | 82.20 2.38 0.00 N | 59.44 1.82 0.00 N | 100.59 0.42 -85.86 N | 48.79 1.65 -5.67 N | 44.41 1.53 0.00 N |
| SELKIRK___I 23801 | 38.62 0.95 0.00 N | 40.08 0.95 0.00 N | 34.21 0.82 0.00 N | 51.06 1.13 0.00 N | 37.90 0.90 0.00 N | 51.70 1.41 0.00 N | 72.71 1.88 0.00 N | 65.88 1.90 0.00 N | 70.45 2.30 0.00 N | 56.86 2.07 0.00 N | 52.42 1.89 0.00 N | 57.59 2.00 0.00 N | 68.06 2.48 0.00 N | 65.97 2.36 0.00 N | 70.08 2.47 0.00 N | 76.55 2.65 0.00 N | 145.64 5.34 0.00 N | 82.99 3.02 0.00 N | 96.28 3.23 0.00 N | 82.68 2.86 0.00 N | 59.77 2.16 0.00 N | 100.55 0.50 -85.73 N | 48.78 1.65 -5.66 N | 44.31 1.43 0.00 N |
| SENECA OSWGO___HYD 24041 | 36.61 -1.06 0.00 N | 37.93 -1.20 0.00 N | 32.40 -0.99 0.00 N | 48.37 -1.56 0.00 N | 35.91 -1.10 0.00 N | 48.94 -1.35 0.00 N | 69.19 -1.64 0.00 N | 62.99 -1.76 0.00 N | 67.12 -1.03 0.00 N | 53.86 -0.93 0.00 N | 49.66 -0.87 0.00 N | 54.63 -0.95 0.00 N | 64.28 -1.31 0.00 N | 62.24 -1.37 0.00 N | 66.09 -1.52 0.00 N | 72.38 -1.52 0.00 N | 137.54 -2.76 0.00 N | 78.97 -1.00 0.00 N | 92.09 -0.96 0.00 N | 78.79 -1.03 0.00 N | 56.73 -0.88 0.00 N | 19.08 -0.25 -5.02 N | 40.74 -1.07 -0.33 N | 41.58 -1.30 0.00 N |
| SENECA___ENERGY 23797 | 35.89 -1.78 0.00 N | 37.08 -2.04 0.00 N | 31.78 -1.61 0.00 N | 47.34 -2.58 0.00 N | 35.18 -1.83 0.00 N | 48.02 -2.27 0.00 N | 68.03 -2.80 0.00 N | 62.22 -1.76 0.00 N | 66.21 -1.94 0.00 N | 53.13 -1.66 0.00 N | 48.94 -1.59 0.00 N | 53.85 -1.73 0.00 N | 63.38 -2.21 0.00 N | 61.36 -2.25 0.00 N | 65.16 -2.44 0.00 N | 71.60 -2.29 0.00 N | 136.12 -4.18 0.00 N | 78.60 -1.36 0.00 N | 91.86 -1.19 0.00 N | 78.41 -1.41 0.00 N | 56.34 -1.28 0.00 N | 22.31 -0.41 -8.41 N | 40.41 -1.63 -0.56 N | 40.92 -1.96 0.00 N |
| SHOEMAKER___GT 23640 | 39.31 1.64 0.00 N | 40.65 1.52 0.00 N | 34.68 1.29 0.00 N | 51.76 1.83 0.00 N | 38.49 1.48 0.00 N | 52.79 2.50 0.00 N | 75.02 4.19 0.00 N | 68.66 4.67 0.00 N | 73.51 5.36 0.00 N | 59.33 4.55 0.00 N | 54.66 4.13 0.00 N | 60.04 4.46 0.00 N | 70.90 5.32 0.00 N | 68.52 4.91 0.00 N | 72.87 5.27 0.00 N | 79.81 5.91 0.00 N | 151.86 11.56 0.00 N | 86.83 6.86 0.00 N | 100.84 7.79 0.00 N | 86.63 6.80 0.00 N | 62.46 4.84 0.00 N | 77.73 1.16 -62.26 N | 48.43 2.84 -4.11 N | 45.32 2.45 0.00 N |
| SHOREHAM_IC_1 23715 | 41.19 3.52 0.00 N | 44.49 3.59 -1.77 N | 36.35 2.96 0.00 N | 54.15 4.23 0.00 N | 40.37 3.37 0.00 N | 73.68 5.52 -17.86 N | 86.83 7.40 -8.60 N | 85.51 7.81 -13.72 N | 85.21 8.49 -8.57 N | 81.54 7.20 -19.56 N | 88.36 6.44 -31.40 N | 86.17 7.07 -23.52 N | 88.03 7.53 -14.91 N | 88.39 6.74 -18.04 N | 85.62 7.46 -10.56 N | 94.82 8.06 -12.86 N | 166.19 15.66 -10.22 N | 93.96 8.41 -5.59 N | 105.06 10.42 -1.59 N | 99.25 9.57 -9.86 N | 84.78 7.24 -19.93 N | 101.37 2.02 -85.04 N | 87.16 4.61 -41.07 N | 75.89 4.43 -28.59 N |
| SHOREHAM_IC_2 23716 | 41.19 3.52 0.00 N | 44.49 3.59 -1.77 N | 36.35 2.96 0.00 N | 54.15 4.23 0.00 N | 40.37 3.37 0.00 N | 73.68 5.52 -17.86 N | 86.83 7.40 -8.60 N | 85.51 7.81 -13.72 N | 85.21 8.49 -8.57 N | 81.54 7.20 -19.56 N | 88.36 6.44 -31.40 N | 86.17 7.07 -23.52 N | 88.03 7.53 -14.91 N | 88.39 6.74 -18.04 N | 85.62 7.46 -10.56 N | 94.82 8.06 -12.86 N | 166.19 15.66 -10.22 N | 93.96 8.41 -5.59 N | 105.06 10.42 -1.59 N | 99.25 9.57 -9.86 N | 84.78 7.24 -19.93 N | 101.37 2.02 -85.04 N | 87.16 4.61 -41.07 N | 75.89 4.43 -28.59 N |
| SISSONVILLE___ 23735 | 36.88 -0.79 0.00 N | 38.37 -0.76 0.00 N | 32.67 -0.71 0.00 N | 49.02 -0.91 0.00 N | 36.27 -0.74 0.00 N | 49.02 -1.28 0.00 N | 68.74 -2.09 0.00 N | 61.05 -2.93 0.00 N | 64.74 -3.41 0.00 N | 51.93 -2.85 0.00 N | 47.92 -2.61 0.00 N | 52.84 -2.74 0.00 N | 62.76 -2.82 0.00 N | 61.05 -2.55 0.00 N | 64.85 -2.75 0.00 N | 70.60 -3.29 0.00 N | 132.94 -7.36 0.00 N | 75.33 -4.63 0.00 N | 87.71 -5.34 0.00 N | 75.19 -4.63 0.00 N | 54.34 -3.28 0.00 N | 13.68 -0.64 0.00 N | 39.67 -1.81 0.00 N | 41.57 -1.31 0.00 N |
| SITHE_IND_GS1 24169 | 36.30 -1.37 0.00 N | 37.65 -1.48 0.00 N | 32.16 -1.23 0.00 N | 48.01 -1.91 0.00 N | 35.65 -1.36 0.00 N | 48.50 -1.79 0.00 N | 68.38 -2.45 0.00 N | 62.09 -1.90 0.00 N | 66.11 -2.04 0.00 N | 53.09 -1.69 0.00 N | 48.93 -1.59 0.00 N | 53.85 -1.74 0.00 N | 63.42 -2.16 0.00 N | 61.44 -2.16 0.00 N | 65.26 -2.34 0.00 N | 71.45 -2.45 0.00 N | 135.66 -4.64 0.00 N | 77.70 -2.27 0.00 N | 90.59 -2.46 0.00 N | 77.59 -2.23 0.00 N | 55.93 -1.69 0.00 N | 17.98 -0.47 -4.14 N | 40.27 -1.48 -0.27 N | 41.22 -1.66 0.00 N |
| SITHE_IND_GS2 24170 | 36.30 -1.37 0.00 N | 37.65 -1.48 0.00 N | 32.16 -1.23 0.00 N | 48.01 -1.91 0.00 N | 35.65 -1.36 0.00 N | 48.50 -1.79 0.00 N | 68.38 -2.45 0.00 N | 62.09 -1.90 0.00 N | 66.11 -2.04 0.00 N | 53.09 -1.69 0.00 N | 48.93 -1.59 0.00 N | 53.85 -1.74 0.00 N | 63.42 -2.16 0.00 N | 61.44 -2.16 0.00 N | 65.26 -2.34 0.00 N | 71.45 -2.45 0.00 N | 135.66 -4.64 0.00 N | 77.70 -2.27 0.00 N | 90.59 -2.46 0.00 N | 77.59 -2.23 0.00 N | 55.93 -1.69 0.00 N | 17.98 -0.47 -4.14 N | 40.27 -1.48 -0.27 N | 41.22 -1.66 0.00 N |
| SITHE_IND_GS3 24171 | 36.30 -1.37 0.00 N | 37.65 -1.48 0.00 N | 32.16 -1.23 0.00 N | 48.01 -1.91 0.00 N | 35.65 -1.36 0.00 N | 48.50 -1.79 0.00 N | 68.38 -2.45 0.00 N | 62.09 -1.90 0.00 N | 66.11 -2.04 0.00 N | 53.09 -1.69 0.00 N | 48.93 -1.59 0.00 N | 53.85 -1.74 0.00 N | 63.42 -2.16 0.00 N | 61.44 -2.16 0.00 N | 65.26 -2.34 0.00 N | 71.45 -2.45 0.00 N | 135.66 -4.64 0.00 N | 77.70 -2.27 0.00 N | 90.59 -2.46 0.00 N | 77.59 -2.23 0.00 N | 55.93 -1.69 0.00 N | 17.98 -0.47 -4.14 N | 40.27 -1.48 -0.27 N | 41.22 -1.66 0.00 N |
| SITHE_IND_GS4 24172 | 36.30 -1.37 0.00 N | 37.65 -1.48 0.00 N | 32.16 -1.23 0.00 N | 48.01 -1.91 0.00 N | 35.65 -1.36 0.00 N | 48.50 -1.79 0.00 N | 68.38 -2.45 0.00 N | 62.09 -1.90 0.00 N | 66.11 -2.04 0.00 N | 53.09 -1.69 0.00 N | 48.93 -1.59 0.00 N | 53.85 -1.74 0.00 N | 63.42 -2.16 0.00 N | 61.44 -2.16 0.00 N | 65.26 -2.34 0.00 N | 71.45 -2.45 0.00 N | 135.66 -4.64 0.00 N | 77.70 -2.27 0.00 N | 90.59 -2.46 0.00 N | 77.59 -2.23 0.00 N | 55.93 -1.69 0.00 N | 17.98 -0.47 -4.14 N | 40.27 -1.48 -0.27 N | 41.22 -1.66 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| SITHE___BATAVIA 24024 | 34.50 -3.17 0.00 N | 35.64 -3.49 0.00 N | 30.67 -2.72 0.00 N | 45.36 -4.56 0.00 N | 33.92 -3.09 0.00 N | 46.18 -4.11 0.00 N | 64.37 -6.46 0.00 N | 59.27 -4.71 0.00 N | 62.85 -5.30 0.00 N | 50.25 -4.54 0.00 N | 46.21 -4.31 0.00 N | 50.98 -4.60 0.00 N | 60.04 -5.55 0.00 N | 58.22 -5.39 0.00 N | 61.60 -6.00 0.00 N | 67.92 -5.97 0.00 N | 128.98 -11.32 0.00 N | 75.14 -4.82 0.00 N | 88.85 -4.20 0.00 N | 75.63 -4.20 0.00 N | 54.25 -3.37 0.00 N | 22.71 -1.02 -9.41 N | 38.62 -3.49 -0.62 N | 39.01 -3.86 0.00 N | |
| SITHE___INDEPEND 23800 | 36.30 -1.37 0.00 N | 37.65 -1.48 0.00 N | 32.16 -1.23 0.00 N | 48.01 -1.91 0.00 N | 35.65 -1.36 0.00 N | 48.50 -1.79 0.00 N | 68.38 -2.45 0.00 N | 62.09 -1.90 0.00 N | 66.11 -2.04 0.00 N | 53.09 -1.69 0.00 N | 48.93 -1.59 0.00 N | 53.85 -1.74 0.00 N | 63.42 -2.16 0.00 N | 61.44 -2.16 0.00 N | 65.26 -2.34 0.00 N | 71.45 -2.45 0.00 N | 135.66 -4.64 0.00 N | 77.70 -2.27 0.00 N | 90.59 -2.46 0.00 N | 77.59 -2.23 0.00 N | 55.93 -1.69 0.00 N | 17.98 -0.47 -4.14 N | 40.27 -1.48 -0.27 N | 41.22 -1.66 0.00 N | |
| SITHE___MASSENA 23902 | 38.05 0.37 0.00 N | 39.60 0.47 0.00 N | 33.74 0.36 0.00 N | 50.59 0.67 0.00 N | 37.43 0.42 0.00 N | 50.53 0.24 0.00 N | 70.72 -0.11 0.00 N | 62.95 -1.03 0.00 N | 66.77 -1.38 0.00 N | 53.54 -1.25 0.00 N | 49.41 -1.12 0.00 N | 54.44 -1.14 0.00 N | 64.55 -1.03 0.00 N | 62.79 -0.82 0.00 N | 66.74 -0.86 0.00 N | 72.68 -1.22 0.00 N | 136.92 -3.38 0.00 N | 77.56 -2.40 0.00 N | 90.34 -2.71 0.00 N | 77.50 -2.32 0.00 N | 56.06 -1.56 0.00 N | 14.04 -0.27 0.00 N | 40.90 -0.58 0.00 N | 42.88 0.00 0.00 N | |
| SITHE___OGDNSBRG 24021 | 38.36 0.68 0.00 N | 39.89 0.76 0.00 N | 33.98 0.59 0.00 N | 50.98 1.05 0.00 N | 37.71 0.70 0.00 N | 50.94 0.65 0.00 N | 71.41 0.58 0.00 N | 63.49 -0.49 0.00 N | 67.35 -0.80 0.00 N | 54.02 -0.77 0.00 N | 49.83 -0.69 0.00 N | 54.95 -0.63 0.00 N | 65.19 -0.39 0.00 N | 63.42 -0.18 0.00 N | 67.42 -0.19 0.00 N | 73.41 -0.49 0.00 N | 138.28 -2.02 0.00 N | 78.37 -1.60 0.00 N | 91.25 -1.80 0.00 N | 78.23 -1.59 0.00 N | 56.54 -1.07 0.00 N | 14.20 -0.11 0.00 N | 41.22 -0.26 0.00 N | 43.24 0.36 0.00 N | |
| SITHE___STERLING 23777 | 37.47 -0.20 0.00 N | 38.77 -0.35 0.00 N | 33.06 -0.32 0.00 N | 49.37 -0.56 0.00 N | 36.68 -0.33 0.00 N | 50.11 -0.18 0.00 N | 71.07 0.24 0.00 N | 64.74 0.75 0.00 N | 69.03 0.87 0.00 N | 55.48 0.70 0.00 N | 51.15 0.63 0.00 N | 56.26 0.68 0.00 N | 66.34 0.76 0.00 N | 64.25 0.64 0.00 N | 68.22 0.61 0.00 N | 74.76 0.86 0.00 N | 142.10 1.80 0.00 N | 81.48 1.52 0.00 N | 94.91 1.86 0.00 N | 81.28 1.46 0.00 N | 58.46 0.85 0.00 N | 16.48 0.16 -2.01 N | 41.70 0.09 -0.13 N | 42.73 -0.14 0.00 N | |
| SOUTH CAIRO___GT 23612 | 39.97 2.30 0.00 N | 41.36 2.23 0.00 N | 35.29 1.90 0.00 N | 52.66 2.74 0.00 N | 39.14 2.13 0.00 N | 53.64 3.35 0.00 N | 76.06 5.23 0.00 N | 69.29 5.31 0.00 N | 76.03 7.88 0.00 N | 62.39 7.61 0.00 N | 56.02 5.50 0.00 N | 60.59 5.01 0.00 N | 71.71 6.12 0.00 N | 69.48 5.87 0.00 N | 73.81 6.21 0.00 N | 80.73 6.83 0.00 N | 153.78 13.47 0.00 N | 87.96 8.00 0.00 N | 102.08 9.03 0.00 N | 87.58 7.76 0.00 N | 63.19 5.57 0.00 N | 92.11 1.36 -76.44 N | 50.22 3.69 -5.05 N | 46.21 3.34 0.00 N | |
| SOUTH HAMPTN___IC 23720 | 41.45 3.78 0.00 N | 44.72 3.82 -1.77 N | 36.54 3.15 0.00 N | 54.45 4.52 0.00 N | 40.59 3.58 0.00 N | 74.03 5.87 -17.86 N | 87.49 8.06 -8.60 N | 86.22 8.52 -13.72 N | 86.05 9.33 -8.57 N | 82.22 7.88 -19.56 N | 89.01 7.08 -31.40 N | 86.95 7.85 -23.52 N | 89.36 8.86 -14.91 N | 89.68 8.04 -18.04 N | 87.01 8.85 -10.56 N | 96.34 9.58 -12.86 N | 169.14 18.61 -10.22 N | 95.77 10.22 -5.59 N | 106.59 11.94 -1.59 N | 100.39 10.71 -9.86 N | 85.55 8.00 -19.93 N | 101.56 2.21 -85.04 N | 87.59 5.04 -41.07 N | 76.28 4.81 -28.59 N | |
| SOUTHOLD___IC 23719 | 42.08 4.41 0.00 N | 45.32 4.42 -1.77 N | 37.04 3.65 0.00 N | 55.20 5.28 0.00 N | 41.17 4.16 0.00 N | 74.88 6.72 -17.86 N | 88.87 9.44 -8.60 N | 87.56 9.85 -13.72 N | 87.57 10.85 -8.57 N | 83.48 9.14 -19.56 N | 90.18 8.25 -31.40 N | 88.28 9.18 -23.52 N | 90.90 10.40 -14.91 N | 91.16 9.51 -18.04 N | 88.58 10.42 -10.56 N | 98.11 11.34 -12.86 N | 172.64 22.11 -10.22 N | 97.97 12.42 -5.59 N | 109.20 14.56 -1.59 N | 102.52 12.84 -9.86 N | 87.02 9.48 -19.93 N | 101.94 2.58 -85.04 N | 88.45 5.91 -41.07 N | 77.10 5.63 -28.59 N | |
| ST LAWRENCE___ 23600 | 37.84 0.16 0.00 N | 39.41 0.28 0.00 N | 33.58 0.19 0.00 N | 50.34 0.42 0.00 N | 37.23 0.22 0.00 N | 50.25 -0.05 0.00 N | 70.28 -0.55 0.00 N | 62.71 -1.27 0.00 N | 66.52 -1.63 0.00 N | 53.35 -1.44 0.00 N | 49.22 -1.30 0.00 N | 54.23 -1.35 0.00 N | 64.13 -1.45 0.00 N | 62.39 -1.21 0.00 N | 66.34 -1.26 0.00 N | 72.28 -1.62 0.00 N | 136.67 -3.63 0.00 N | 77.41 -2.56 0.00 N | 90.16 -2.89 0.00 N | 77.22 -2.60 0.00 N | 55.83 -1.78 0.00 N | 13.95 -0.36 0.00 N | 40.68 -0.80 0.00 N | 42.64 -0.23 0.00 N | |
| STATION 5_MISC_HYD 23604 | 33.18 -4.49 0.00 N | 34.24 -4.89 0.00 N | 29.33 -4.06 0.00 N | 43.42 -6.50 0.00 N | 32.51 -4.50 0.00 N | 44.62 -5.68 0.00 N | 63.19 -7.64 0.00 N | 58.18 -5.81 0.00 N | 61.59 -6.56 0.00 N | 49.55 -5.23 0.00 N | 45.76 -4.76 0.00 N | 50.39 -5.19 0.00 N | 59.20 -6.38 0.00 N | 57.39 -6.21 0.00 N | 60.63 -6.97 0.00 N | 66.80 -7.10 0.00 N | 127.81 -12.49 0.00 N | 74.41 -5.56 0.00 N | 87.28 -5.77 0.00 N | 74.13 -5.68 0.00 N | 53.06 -4.55 0.00 N | 21.29 -1.06 -8.03 N | 37.58 -4.43 -0.53 N | 37.90 -4.98 0.00 N | |
| STURGEON_POOL_HYD 23609 | 39.63 1.96 0.00 N | 40.94 1.81 0.00 N | 34.95 1.57 0.00 N | 52.14 2.22 0.00 N | 38.80 1.79 0.00 N | 53.28 2.99 0.00 N | 75.82 4.99 0.00 N | 69.48 5.49 0.00 N | 74.17 6.02 0.00 N | 59.72 4.93 0.00 N | 55.31 4.78 0.00 N | 60.96 5.38 0.00 N | 71.99 6.40 0.00 N | 69.54 5.93 0.00 N | 73.97 6.36 0.00 N | 81.05 7.15 0.00 N | 154.24 13.94 0.00 N | 88.18 8.22 0.00 N | 102.36 9.31 0.00 N | 87.96 8.14 0.00 N | 63.41 5.80 0.00 N | 85.77 1.42 -70.04 N | 49.48 3.37 -4.62 N | 45.76 2.88 0.00 N | |
| SYRACUSE___POWER 24017 | 36.85 -0.82 0.00 N | 38.15 -0.98 0.00 N | 32.60 -0.78 0.00 N | 48.66 -1.27 0.00 N | 36.10 -0.91 0.00 N | 49.20 -1.10 0.00 N | 69.64 -1.19 0.00 N | 63.45 -0.54 0.00 N | 67.60 -0.55 0.00 N | 54.30 -0.49 0.00 N | 50.06 -0.47 0.00 N | 55.08 -0.50 0.00 N | 64.86 -0.72 0.00 N | 62.81 -0.79 0.00 N | 66.70 -0.90 0.00 N | 73.09 -0.81 0.00 N | 138.90 -1.40 0.00 N | 79.75 -0.21 0.00 N | 93.00 -0.05 0.00 N | 79.56 -0.27 0.00 N | 57.27 -0.35 0.00 N | 20.31 -0.15 -6.15 N | 41.14 -0.74 -0.41 N | 41.90 -0.98 0.00 N | |
| Stony___Brook 24151 | 41.10 3.43 0.00 N | 44.29 3.39 -1.77 N | 36.18 2.79 0.00 N | 53.90 3.97 0.00 N | 40.17 3.17 0.00 N | 73.37 5.21 -17.86 N | 86.45 7.02 -8.60 N | 85.34 7.64 -13.72 N | 85.28 8.56 -8.57 N | 81.64 7.29 -19.56 N | 88.43 6.51 -31.40 N | 86.27 7.17 -23.52 N | 88.69 8.19 -14.91 N | 89.03 7.38 -18.04 N | 86.33 8.17 -10.56 N | 95.50 8.74 -12.86 N | 167.41 16.89 -10.22 N | 94.11 8.56 -5.59 N | 104.56 9.91 -1.59 N | 98.85 9.17 -9.86 N | 84.82 7.28 -19.93 N | 101.39 2.03 -85.04 N | 87.07 4.52 -41.07 N | 75.90 4.43 -28.59 N | |
| UPPER HUDSON___HYD | 39.23 | 40.39 | 34.15 | 50.96 | 37.95 | 52.19 | 74.70 | 67.92 | 73.48 | 59.10 | 54.39 | 59.49 | 70.54 | 68.27 | 72.43 | 79.11 | 151.36 | 86.34 | 99.97 | 85.71 | 61.82 | 105.39 | 50.28 | 45.58 | |

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| 24058 | 1.56 0.00 N | 1.26 0.00 N | 0.76 0.00 N | 1.03 0.00 N | 0.94 0.00 N | 1.90 0.00 N | 3.88 0.00 N | 3.93 0.00 N | 5.34 0.00 N | 4.31 0.00 N | 3.87 0.00 N | 3.91 0.00 N | 4.96 0.00 N | 4.66 0.00 N | 4.84 0.00 N | 5.21 0.00 N | 11.06 0.00 N | 6.37 0.00 N | 6.92 0.00 N | 5.89 0.00 N | 4.20 0.00 N | 1.08 -90.00 N | 2.86 -5.94 N | 2.70 0.00 N |
| UPPER RAQUET___HYD 24056 | 36.88 -0.79 0.00 N | 38.37 -0.76 0.00 N | 32.67 -0.71 0.00 N | 49.02 -0.91 0.00 N | 36.27 -0.74 0.00 N | 49.02 -1.28 0.00 N | 68.74 -2.09 0.00 N | 61.05 -2.93 0.00 N | 64.74 -3.41 0.00 N | 51.93 -2.85 0.00 N | 47.92 -2.61 0.00 N | 52.84 -2.74 0.00 N | 62.76 -2.82 0.00 N | 61.05 -2.55 0.00 N | 64.85 -2.75 0.00 N | 70.60 -3.29 0.00 N | 132.94 -7.36 0.00 N | 75.33 -4.63 0.00 N | 87.71 -5.34 0.00 N | 75.19 -4.63 0.00 N | 54.34 -3.28 0.00 N | 13.68 -0.64 0.00 N | 39.67 -1.81 0.00 N | 41.57 -1.31 0.00 N |
| VISCHER___FERRY HYD 24020 | 38.81 1.13 0.00 N | 40.20 1.06 0.00 N | 34.21 0.82 0.00 N | 51.04 1.12 0.00 N | 37.90 0.89 0.00 N | 51.87 1.58 0.00 N | 73.68 2.85 0.00 N | 66.69 2.70 0.00 N | 71.54 3.39 0.00 N | 57.76 2.97 0.00 N | 53.22 2.70 0.00 N | 58.33 2.75 0.00 N | 69.13 3.55 0.00 N | 67.06 3.45 0.00 N | 71.18 3.58 0.00 N | 77.66 3.76 0.00 N | 148.41 8.11 0.00 N | 84.43 4.47 0.00 N | 97.79 4.73 0.00 N | 83.95 4.13 0.00 N | 60.64 3.02 0.00 N | 102.28 0.73 -87.24 N | 49.62 2.38 -5.76 N | 44.93 2.05 0.00 N |
| WADING RIVER_IC_1 23522 | 41.08 3.41 0.00 N | 44.35 3.45 -1.77 N | 36.24 2.85 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.57 7.14 -8.60 N | 85.26 7.56 -13.72 N | 84.98 8.26 -8.57 N | 81.34 7.00 -19.56 N | 88.18 6.26 -31.40 N | 86.01 6.91 -23.52 N | 88.28 7.78 -14.91 N | 88.64 6.99 -18.04 N | 85.89 7.72 -10.56 N | 95.08 8.32 -12.86 N | 166.69 16.16 -10.22 N | 94.20 8.65 -5.59 N | 104.79 10.15 -1.59 N | 98.90 9.22 -9.86 N | 84.56 7.01 -19.93 N | 101.32 1.97 -85.04 N | 87.01 4.47 -41.07 N | 75.75 4.28 -28.59 N |
| WADING RIVER_IC_2 23547 | 41.08 3.41 0.00 N | 44.35 3.45 -1.77 N | 36.24 2.85 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.57 7.14 -8.60 N | 85.26 7.56 -13.72 N | 84.98 8.26 -8.57 N | 81.34 7.00 -19.56 N | 88.18 6.26 -31.40 N | 86.01 6.91 -23.52 N | 88.28 7.78 -14.91 N | 88.64 6.99 -18.04 N | 85.89 7.72 -10.56 N | 95.08 8.32 -12.86 N | 166.69 16.16 -10.22 N | 94.20 8.65 -5.59 N | 104.79 10.15 -1.59 N | 98.90 9.22 -9.86 N | 84.56 7.01 -19.93 N | 101.32 1.97 -85.04 N | 87.01 4.47 -41.07 N | 75.75 4.28 -28.59 N |
| WADING RIVER_IC_3 23601 | 41.08 3.41 0.00 N | 44.35 3.45 -1.77 N | 36.24 2.85 0.00 N | 54.00 4.07 0.00 N | 40.25 3.24 0.00 N | 73.49 5.33 -17.86 N | 86.57 7.14 -8.60 N | 85.26 7.56 -13.72 N | 84.98 8.26 -8.57 N | 81.34 7.00 -19.56 N | 88.18 6.26 -31.40 N | 86.01 6.91 -23.52 N | 88.28 7.78 -14.91 N | 88.64 6.99 -18.04 N | 85.89 7.72 -10.56 N | 95.08 8.32 -12.86 N | 166.69 16.16 -10.22 N | 94.20 8.65 -5.59 N | 104.79 10.15 -1.59 N | 98.90 9.22 -9.86 N | 84.56 7.01 -19.93 N | 101.32 1.97 -85.04 N | 87.01 4.47 -41.07 N | 75.75 4.28 -28.59 N |
| WALDEN___HYDRO 24148 | 39.63 1.95 0.00 N | 40.97 1.84 0.00 N | 34.93 1.54 0.00 N | 52.10 2.18 0.00 N | 38.78 1.77 0.00 N | 53.23 2.94 0.00 N | 75.82 4.99 0.00 N | 69.60 5.61 0.00 N | 74.62 6.47 0.00 N | 60.25 5.46 0.00 N | 55.52 5.00 0.00 N | 61.01 5.43 0.00 N | 72.04 6.46 0.00 N | 69.57 5.97 0.00 N | 73.98 6.37 0.00 N | 81.06 7.16 0.00 N | 154.35 14.05 0.00 N | 88.26 8.29 0.00 N | 102.53 9.48 0.00 N | 88.16 8.34 0.00 N | 63.52 5.91 0.00 N | 82.39 1.43 -66.65 N | 49.32 3.44 -4.40 N | 45.81 2.93 0.00 N |
| WARRENSBURG____ 23737 | 39.28 1.60 0.00 N | 40.43 1.30 0.00 N | 34.19 0.80 0.00 N | 51.02 1.09 0.00 N | 38.00 0.99 0.00 N | 52.24 1.95 0.00 N | 74.79 3.96 0.00 N | 68.03 4.05 0.00 N | 73.60 5.45 0.00 N | 59.19 4.40 0.00 N | 54.48 3.95 0.00 N | 59.58 4.00 0.00 N | 70.66 5.07 0.00 N | 68.37 4.76 0.00 N | 72.54 4.94 0.00 N | 79.22 5.33 0.00 N | 151.63 11.33 0.00 N | 86.49 6.52 0.00 N | 100.13 7.08 0.00 N | 85.84 6.02 0.00 N | 61.92 4.30 0.00 N | 105.40 1.09 -90.00 N | 50.34 2.92 -5.94 N | 45.63 2.75 0.00 N |
| WATERSIDE___6 8 9 23538 | 40.08 2.41 0.00 N | 41.40 2.27 0.00 N | 35.29 1.90 0.00 N | 52.63 2.70 0.00 N | 39.14 2.13 0.00 N | 53.80 3.51 0.00 N | 76.59 5.76 0.00 N | 74.98 6.49 -4.51 N | 90.34 7.45 -14.74 N | 69.52 6.39 -8.34 N | 56.34 5.82 0.00 N | 61.74 6.16 0.00 N | 73.01 7.43 0.00 N | 70.49 6.89 0.00 N | 75.03 7.43 0.00 N | 82.18 8.27 0.00 N | 156.01 15.71 0.00 N | 88.99 9.03 0.00 N | 103.20 10.15 0.00 N | 88.92 9.10 0.00 N | 64.09 6.47 0.00 N | 84.20 1.60 -68.28 N | 49.88 3.90 -4.51 N | 46.33 3.45 0.00 N |
| WEST BABYLON___IC 23714 | 41.06 3.39 0.00 N | 44.21 3.31 -1.77 N | 36.12 2.73 0.00 N | 53.82 3.90 0.00 N | 40.10 3.09 0.00 N | 73.23 5.08 -17.86 N | 86.88 7.45 -8.60 N | 85.88 8.18 -13.72 N | 85.98 9.26 -8.57 N | 82.24 7.90 -19.56 N | 89.04 7.11 -31.40 N | 86.86 7.76 -23.52 N | 89.56 9.06 -14.91 N | 89.92 8.27 -18.04 N | 87.22 9.05 -10.56 N | 96.64 9.88 -12.86 N | 169.61 19.08 -10.22 N | 95.96 10.41 -5.59 N | 106.64 12.00 -1.59 N | 100.38 10.70 -9.86 N | 85.46 7.91 -19.93 N | 101.51 2.15 -85.04 N | 87.42 4.88 -41.07 N | 76.08 4.61 -28.59 N |
| WEST CANADA___HYD 24049 | 37.74 0.07 0.00 N | 39.17 0.04 0.00 N | 33.42 0.03 0.00 N | 49.97 0.05 0.00 N | 37.05 0.04 0.00 N | 50.44 0.15 0.00 N | 71.17 0.34 0.00 N | 64.43 0.45 0.00 N | 68.70 0.54 0.00 N | 55.24 0.45 0.00 N | 50.93 0.41 0.00 N | 56.03 0.44 0.00 N | 66.11 0.52 0.00 N | 64.05 0.45 0.00 N | 68.08 0.47 0.00 N | 74.45 0.56 0.00 N | 141.46 1.16 0.00 N | 80.68 0.72 0.00 N | 93.86 0.81 0.00 N | 80.52 0.71 0.00 N | 58.08 0.46 0.00 N | 12.79 0.11 1.63 N | 41.64 0.26 0.11 N | 43.05 0.18 0.00 N |
| WESTERN_NY_WIND 24143 | 34.45 -3.22 0.00 N | 35.59 -3.54 0.00 N | 30.64 -2.75 0.00 N | 45.29 -4.63 0.00 N | 33.88 -3.13 0.00 N | 46.11 -4.18 0.00 N | 64.27 -6.56 0.00 N | 59.17 -4.81 0.00 N | 62.75 -5.40 0.00 N | 50.17 -4.62 0.00 N | 46.14 -4.39 0.00 N | 50.89 -4.69 0.00 N | 59.94 -5.65 0.00 N | 58.11 -5.49 0.00 N | 61.50 -6.10 0.00 N | 67.81 -6.08 0.00 N | 128.76 -11.54 0.00 N | 75.01 -4.96 0.00 N | 88.71 -4.34 0.00 N | 75.50 -4.32 0.00 N | 54.17 -3.45 0.00 N | 22.70 -1.02 -9.41 N | 38.56 -3.55 -0.62 N | 38.94 -3.94 0.00 N |
| YORK___WARBASSE 23770 | 40.15 2.48 0.00 N | 41.46 2.33 0.00 N | 35.33 1.94 0.00 N | 52.69 2.76 0.00 N | 39.16 2.15 0.00 N | 53.80 3.51 0.00 N | 76.64 5.81 0.00 N | 75.11 6.62 -4.51 N | 90.44 7.54 -14.74 N | 69.61 6.49 -8.34 N | 56.44 5.92 0.00 N | 61.81 6.23 0.00 N | 73.17 7.58 0.00 N | 70.65 7.04 0.00 N | 75.20 7.60 0.00 N | 82.33 8.43 0.00 N | 156.39 16.09 0.00 N | 89.29 9.32 0.00 N | 103.70 10.65 0.00 N | 89.34 9.52 0.00 N | 64.34 6.73 0.00 N | 84.24 1.64 -68.28 N | 49.99 4.01 -4.51 N | 46.39 3.52 0.00 N |