

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

10/20/2005

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|---------|--------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 15.81 | 51.49 | 165.64 | 44.48 | 25.09 | 50.84 | 125.42 | 132.51 | 95.77 | 96.71 | 99.05 | 97.84 | 96.97 | 93.71 | 95.65 | 88.94 | 94.47 | 93.78 | 97.54 | 104.56 | 95.59 | 63.77 | 52.39 | 48.55 |
| 24138 | 1.03 | 3.27 | -0.38 | 1.56 | 1.50 | 3.34 | 8.02 | 8.57 | 7.26 | 7.30 | 7.79 | 7.80 | 7.56 | 7.34 | 7.63 | 7.20 | 7.58 | 7.57 | 7.92 | 8.04 | 6.91 | 4.51 | 3.43 | 3.20 |
| | 0.00 | -0.66 | -172.44 | -16.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_1 | 15.81 | 51.53 | 165.64 | 44.50 | 25.11 | 50.89 | 125.50 | 132.62 | 95.82 | 96.78 | 99.11 | 97.90 | 97.01 | 93.74 | 95.71 | 88.99 | 94.52 | 93.84 | 97.58 | 104.63 | 95.68 | 63.83 | 52.46 | 48.60 |
| 24260 | 1.04 | 3.31 | -0.38 | 1.58 | 1.52 | 3.39 | 8.10 | 8.68 | 7.31 | 7.37 | 7.85 | 7.86 | 7.60 | 7.37 | 7.69 | 7.26 | 7.63 | 7.63 | 7.96 | 8.12 | 7.00 | 4.57 | 3.50 | 3.25 |
| | 0.00 | -0.66 | -172.44 | -16.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 74TH STREET_GT_2 | 15.81 | 51.53 | 165.64 | 44.50 | 25.11 | 50.89 | 125.50 | 132.62 | 95.82 | 96.78 | 99.11 | 97.90 | 97.01 | 93.74 | 95.71 | 88.99 | 94.52 | 93.84 | 97.58 | 104.63 | 95.68 | 63.83 | 52.46 | 48.60 |
| 24261 | 1.04 | 3.31 | -0.38 | 1.58 | 1.52 | 3.39 | 8.10 | 8.68 | 7.31 | 7.37 | 7.85 | 7.86 | 7.60 | 7.37 | 7.69 | 7.26 | 7.63 | 7.63 | 7.96 | 8.12 | 7.00 | 4.57 | 3.50 | 3.25 |
| | 0.00 | -0.66 | -172.44 | -16.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK HUDSON___FALLS | 15.24 | 50.30 | 213.22 | 48.51 | 24.35 | 49.38 | 122.05 | 128.81 | 91.96 | 92.02 | 94.27 | 92.89 | 93.14 | 89.17 | 91.37 | 84.89 | 90.14 | 89.96 | 92.94 | 99.63 | 91.94 | 61.30 | 50.61 | 46.81 |
| 24011 | 0.47 | 1.89 | -0.28 | 0.96 | 0.76 | 1.88 | 4.65 | 4.87 | 3.45 | 2.61 | 3.01 | 2.85 | 3.73 | 2.80 | 3.35 | 3.15 | 3.26 | 3.74 | 3.32 | 3.12 | 3.26 | 2.04 | 1.65 | 1.46 |
| | 0.00 | -0.85 | -219.93 | -21.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK RESOURCE___RCVRY | 15.24 | 50.30 | 213.22 | 48.51 | 24.35 | 49.38 | 122.05 | 128.81 | 91.96 | 92.02 | 94.27 | 92.89 | 93.14 | 89.17 | 91.37 | 84.89 | 90.14 | 89.96 | 92.94 | 99.63 | 91.94 | 61.30 | 50.61 | 46.81 |
| 23798 | 0.47 | 1.89 | -0.28 | 0.96 | 0.76 | 1.88 | 4.65 | 4.87 | 3.45 | 2.61 | 3.01 | 2.85 | 3.73 | 2.80 | 3.35 | 3.15 | 3.26 | 3.74 | 3.32 | 3.12 | 3.26 | 2.04 | 1.65 | 1.46 |
| | 0.00 | -0.85 | -219.93 | -21.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK S GLENS___FALLS | 15.24 | 50.30 | 213.22 | 48.51 | 24.35 | 49.38 | 122.05 | 128.81 | 91.96 | 92.02 | 94.27 | 92.89 | 93.14 | 89.17 | 91.37 | 84.89 | 90.14 | 89.96 | 92.94 | 99.63 | 91.94 | 61.30 | 50.61 | 46.81 |
| 24028 | 0.47 | 1.89 | -0.28 | 0.96 | 0.76 | 1.88 | 4.65 | 4.87 | 3.45 | 2.61 | 3.01 | 2.85 | 3.73 | 2.80 | 3.35 | 3.15 | 3.26 | 3.74 | 3.32 | 3.12 | 3.26 | 2.04 | 1.65 | 1.46 |
| | 0.00 | -0.85 | -219.93 | -21.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK_NYS___DAM | 15.36 | 50.73 | 207.22 | 48.22 | 24.61 | 49.75 | 122.33 | 128.67 | 92.02 | 92.65 | 94.70 | 93.24 | 92.93 | 89.16 | 91.42 | 84.97 | 90.14 | 89.97 | 93.17 | 99.39 | 91.68 | 61.39 | 50.78 | 47.19 |
| 23527 | 0.59 | 2.35 | -0.35 | 1.24 | 1.02 | 2.25 | 4.93 | 4.73 | 3.51 | 3.24 | 3.45 | 3.20 | 3.53 | 2.80 | 3.40 | 3.24 | 3.25 | 3.76 | 3.55 | 2.88 | 3.00 | 2.13 | 1.82 | 1.84 |
| | 0.00 | -0.83 | -213.99 | -20.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS___DRP | 15.37 | 50.50 | 206.66 | 47.99 | 24.54 | 49.56 | 122.27 | 128.97 | 92.28 | 92.99 | 95.03 | 93.75 | 93.23 | 89.80 | 91.75 | 85.23 | 90.45 | 89.93 | 93.39 | 100.11 | 92.02 | 61.52 | 50.76 | 47.09 |
| 24190 | 0.60 | 2.12 | -0.29 | 1.08 | 0.94 | 2.06 | 4.86 | 5.03 | 3.78 | 3.58 | 3.77 | 3.71 | 3.82 | 3.42 | 3.73 | 3.49 | 3.57 | 3.72 | 3.77 | 3.59 | 3.34 | 2.25 | 1.79 | 1.74 |
| | 0.00 | -0.82 | -213.37 | -20.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___1 | 15.37 | 50.50 | 206.66 | 47.99 | 24.54 | 49.56 | 122.27 | 128.97 | 92.28 | 92.99 | 95.03 | 93.75 | 93.23 | 89.80 | 91.75 | 85.23 | 90.45 | 89.93 | 93.39 | 100.11 | 92.02 | 61.52 | 50.76 | 47.09 |
| 23571 | 0.60 | 2.12 | -0.29 | 1.08 | 0.94 | 2.06 | 4.86 | 5.03 | 3.78 | 3.58 | 3.77 | 3.71 | 3.82 | 3.42 | 3.73 | 3.49 | 3.57 | 3.72 | 3.77 | 3.59 | 3.34 | 2.25 | 1.79 | 1.74 |
| | 0.00 | -0.82 | -213.37 | -20.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___2 | 15.37 | 50.50 | 206.66 | 47.99 | 24.54 | 49.56 | 122.27 | 128.97 | 92.28 | 92.99 | 95.03 | 93.75 | 93.23 | 89.80 | 91.75 | 85.23 | 90.45 | 89.93 | 93.39 | 100.11 | 92.02 | 61.52 | 50.76 | 47.09 |
| 23572 | 0.60 | 2.12 | -0.29 | 1.08 | 0.94 | 2.06 | 4.86 | 5.03 | 3.78 | 3.58 | 3.77 | 3.71 | 3.82 | 3.42 | 3.73 | 3.49 | 3.57 | 3.72 | 3.77 | 3.59 | 3.34 | 2.25 | 1.79 | 1.74 |
| | 0.00 | -0.82 | -213.37 | -20.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___3 | 15.37 | 50.50 | 206.66 | 47.99 | 24.54 | 49.56 | 122.27 | 128.97 | 92.28 | 92.99 | 95.03 | 93.75 | 93.23 | 89.80 | 91.75 | 85.23 | 90.45 | 89.93 | 93.39 | 100.11 | 92.02 | 61.52 | 50.76 | 47.09 |

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|------------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 23573 | 0.60 0.00 N | 2.12 -0.82 N | -0.29 -213.37 N | 1.08 -20.84 N | 0.94 0.00 N | 2.06 0.00 N | 4.86 0.00 N | 5.03 0.00 N | 3.78 0.00 N | 3.58 0.00 N | 3.77 0.00 N | 3.71 0.00 N | 3.82 0.00 N | 3.42 0.00 N | 3.73 0.00 N | 3.49 0.00 N | 3.57 0.00 N | 3.72 0.00 N | 3.77 0.00 N | 3.59 0.00 N | 3.34 0.00 N | 2.25 0.00 N | 1.79 0.00 N | 1.74 0.00 N |
| ALBANY____4 23574 | 15.37 0.60 0.00 N | 50.50 2.12 -0.82 N | 206.66 -0.29 -213.37 N | 47.99 1.08 -20.84 N | 24.54 0.94 0.00 N | 49.56 2.06 0.00 N | 122.27 4.86 0.00 N | 128.97 5.03 0.00 N | 92.28 3.78 0.00 N | 92.99 3.58 0.00 N | 95.03 3.77 0.00 N | 93.75 3.71 0.00 N | 93.23 3.82 0.00 N | 89.80 3.42 0.00 N | 91.75 3.73 0.00 N | 85.23 3.49 0.00 N | 90.45 3.57 0.00 N | 89.93 3.72 0.00 N | 93.39 3.77 0.00 N | 100.11 3.59 0.00 N | 92.02 3.34 0.00 N | 61.52 2.25 0.00 N | 50.76 1.79 0.00 N | 47.09 1.74 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 13.84 -0.93 0.00 N | 43.82 -3.71 0.04 N | -15.03 0.45 9.06 N | 24.03 -1.16 0.88 N | 22.39 -1.21 0.00 N | 44.78 -2.72 0.00 N | 111.60 -5.80 0.00 N | 120.25 -3.69 0.00 N | 81.44 -7.07 0.00 N | 83.54 -5.87 0.00 N | 85.02 -6.24 0.00 N | 83.74 -6.30 0.00 N | 82.25 -7.16 0.00 N | 79.73 -6.64 0.00 N | 80.86 -7.16 0.00 N | 75.08 -6.65 0.00 N | 80.15 -6.73 0.00 N | 79.27 -6.95 0.00 N | 82.78 -6.84 0.00 N | 89.70 -6.82 0.00 N | 83.36 -5.32 0.00 N | 55.87 -3.38 0.00 N | 46.62 -2.34 0.00 N | 43.02 -2.33 0.00 N |
| ALLEGHENY____COGEN 23514 | 14.43 -0.35 0.00 N | 46.43 -1.24 -0.12 N | 23.99 0.11 -30.30 N | 28.56 -0.48 -2.96 N | 23.18 -0.42 0.00 N | 46.23 -1.27 0.00 N | 115.37 -2.03 0.00 N | 121.77 -2.17 0.00 N | 86.66 -1.85 0.00 N | 88.15 -1.26 0.00 N | 89.53 -1.73 0.00 N | 88.02 -2.02 0.00 N | 87.31 -2.10 0.00 N | 84.84 -1.53 0.00 N | 86.10 -1.92 0.00 N | 79.84 -1.89 0.00 N | 85.40 -1.48 0.00 N | 84.17 -2.04 0.00 N | 87.82 -1.80 0.00 N | 95.52 -0.98 0.00 N | 87.79 -0.89 0.00 N | 58.46 -0.79 0.00 N | 48.56 -0.40 0.00 N | 44.53 -0.82 0.00 N |
| AMERICAN_REF_FUEL 24010 | 13.79 -0.98 0.00 N | 44.40 -3.26 -0.10 N | 19.59 0.40 -25.62 N | 27.13 -1.45 -2.50 N | 22.25 -1.35 0.00 N | 43.81 -3.69 0.00 N | 107.58 -9.82 0.00 N | 112.97 -10.97 0.00 N | 80.31 -8.20 0.00 N | 82.08 -7.33 0.00 N | 82.91 -8.35 0.00 N | 81.50 -8.54 0.00 N | 80.88 -8.53 0.00 N | 79.00 -7.37 0.00 N | 79.93 -8.09 0.00 N | 74.07 -7.66 0.00 N | 79.56 -7.33 0.00 N | 78.29 -7.92 0.00 N | 81.12 -8.50 0.00 N | 88.83 -7.68 0.00 N | 82.38 -6.29 0.00 N | 55.28 -3.98 0.00 N | 46.71 -2.25 0.00 N | 42.62 -2.73 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 16.30 1.52 0.00 N | 52.96 4.74 -0.66 N | 165.48 -0.53 -172.44 N | 45.24 2.32 -16.84 N | 25.80 2.21 0.00 N | 52.37 4.86 0.00 N | 128.84 11.44 0.00 N | 136.29 12.35 0.00 N | 99.14 10.63 0.00 N | 100.15 10.73 0.00 N | 102.68 11.42 0.00 N | 101.26 11.22 0.00 N | 100.20 10.80 0.00 N | 96.91 10.54 0.00 N | 99.13 11.11 0.00 N | 92.15 10.41 0.00 N | 97.90 11.02 0.00 N | 96.97 10.75 0.00 N | 100.89 11.27 0.00 N | 108.22 11.70 0.00 N | 99.05 10.37 0.00 N | 66.11 6.85 0.00 N | 54.29 5.33 0.00 N | 50.30 4.95 0.00 N |
| ARTHUR_KILL_2 23512 | 16.30 1.52 0.00 N | 52.96 4.74 -0.66 N | 165.48 -0.53 -172.44 N | 45.24 2.32 -16.84 N | 25.80 2.21 0.00 N | 52.37 4.86 0.00 N | 128.84 11.44 0.00 N | 136.29 12.35 0.00 N | 99.14 10.63 0.00 N | 100.15 10.73 0.00 N | 102.68 11.42 0.00 N | 101.26 11.22 0.00 N | 100.20 10.80 0.00 N | 96.90 10.54 0.00 N | 99.13 11.11 0.00 N | 92.14 10.40 0.00 N | 97.90 11.02 0.00 N | 96.97 10.75 0.00 N | 100.89 11.27 0.00 N | 108.22 11.70 0.00 N | 99.05 10.37 0.00 N | 66.11 6.85 0.00 N | 54.29 5.33 0.00 N | 50.30 4.95 0.00 N |
| ARTHUR_KILL_3 23513 | 15.70 0.93 0.00 N | 51.15 2.93 -0.66 N | 165.68 -0.33 -172.44 N | 44.30 1.38 -16.84 N | 24.94 1.35 0.00 N | 50.55 3.05 0.00 N | 124.71 7.31 0.00 N | 131.80 7.85 0.00 N | 95.18 6.67 0.00 N | 96.13 6.72 0.00 N | 98.44 7.18 0.00 N | 97.27 7.22 0.00 N | 96.38 6.97 0.00 N | 93.13 6.76 0.00 N | 95.08 7.06 0.00 N | 88.37 6.64 0.00 N | 93.85 6.97 0.00 N | 93.19 6.97 0.00 N | 96.93 7.31 0.00 N | 103.93 7.41 0.00 N | 95.04 6.37 0.00 N | 63.37 4.11 0.00 N | 52.06 3.09 0.00 N | 48.23 2.88 0.00 N |
| ASHOKAN____ 23654 | 15.66 0.88 0.00 N | 51.09 2.87 -0.67 N | 165.97 -0.36 -172.76 N | 44.35 1.40 -16.87 N | 24.89 1.30 0.00 N | 50.33 2.84 0.00 N | 124.17 6.77 0.00 N | 130.78 6.84 0.00 N | 94.33 5.82 0.00 N | 95.14 5.73 0.00 N | 97.22 5.96 0.00 N | 96.04 6.00 0.00 N | 95.31 5.90 0.00 N | 92.02 5.65 0.00 N | 93.85 5.82 0.00 N | 87.12 5.39 0.00 N | 92.49 5.60 0.00 N | 91.99 5.78 0.00 N | 95.73 6.11 0.00 N | 102.78 6.27 0.00 N | 94.18 5.50 0.00 N | 62.97 3.71 0.00 N | 51.80 2.84 0.00 N | 48.05 2.70 0.00 N |
| ASTORIA_GT2_1 24094 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT2_2 24095 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT2_3 24096 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT2_4 24097 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT3_1 24098 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |

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|------------------------|----------------------------|-----------------------------|---------------------------------|------------------------------|-----------------------------|----------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|
| ASTORIA_GT3_2 24099 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT3_3 24100 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT3_4 24101 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT4_1 24102 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT4_2 24103 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT4_3 24104 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | 45.77 2.85 -16.84 N | 33.24 2.76 -6.89 N | 53.51 6.01 0.00 N | 130.79 13.38 0.00 N | 139.13 15.18 0.00 N | 274.52 12.38 -173.63 N | 135.93 12.40 -34.12 N | 104.75 13.49 0.00 N | 103.47 13.43 0.00 N | 101.95 12.54 0.00 N | 98.45 12.08 0.00 N | 100.86 12.84 0.00 N | 93.75 12.02 0.00 N | 99.82 12.94 0.00 N | 99.03 12.82 0.00 N | 105.64 13.32 -2.70 N | 111.52 13.93 -1.08 N | 181.30 12.27 -80.35 N | 67.47 8.21 0.00 N | 55.36 6.40 0.00 N | 51.35 5.99 0.00 N |
| ASTORIA_GT4_4 24105 | 16.58 1.80 0.00 N | 53.87 5.65 -0.66 N | 165.35 -0.67 -172.44 N | | | | | | | | | | | | | | | | | | | | | |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|-------|---------|-------|-------|-------|--------|--------|--------|--------|--------|--------|---|
| ASTORIA_GT_8 | 16.58 | 53.87 | 165.35 | 45.77 | 33.24 | 53.51 | 130.79 | 139.13 | 274.52 | 135.93 | 104.75 | 103.47 | 101.95 | 98.45 | 100.86 | 93.75 | 99.82 | 99.03 | 105.64 | 111.52 | 181.30 | 67.47 | 55.36 | 51.35 | |
| 24108 | 1.80 | 5.65 | -0.67 | 2.85 | 2.76 | 6.01 | 13.38 | 15.18 | 12.38 | 12.40 | 13.49 | 13.43 | 12.54 | 12.08 | 12.84 | 12.02 | 12.94 | 12.82 | 13.32 | 13.93 | 12.27 | 8.21 | 6.40 | 5.99 | |
| | 0.00 | -0.66 | -172.44 | -16.84 | -6.89 | 0.00 | 0.00 | 0.00 | -173.63 | -34.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.70 | -1.08 | -80.35 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ASTORIA___2 | 16.58 | 53.87 | 165.35 | 45.77 | 33.24 | 53.51 | 130.79 | 139.13 | 274.52 | 135.93 | 104.75 | 103.47 | 101.95 | 98.45 | 100.86 | 93.75 | 99.82 | 99.03 | 105.64 | 111.52 | 181.30 | 67.47 | 55.36 | 51.35 | |
| 24149 | 1.80 | 5.65 | -0.67 | 2.85 | 2.76 | 6.01 | 13.38 | 15.18 | 12.38 | 12.40 | 13.49 | 13.43 | 12.54 | 12.08 | 12.84 | 12.02 | 12.94 | 12.82 | 13.32 | 13.93 | 12.27 | 8.21 | 6.40 | 5.99 | |
| | 0.00 | -0.66 | -172.44 | -16.84 | -6.89 | 0.00 | 0.00 | 0.00 | -173.63 | -34.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.70 | -1.08 | -80.35 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ASTORIA___3 | 16.24 | 52.79 | 165.48 | 45.16 | 25.75 | 52.23 | 128.37 | 135.84 | 98.53 | 99.51 | 102.13 | 100.87 | 99.66 | 96.78 | 199.11 | 92.93 | 98.72 | 97.29 | 100.52 | 107.74 | 98.49 | 65.75 | 54.02 | 50.07 | |
| 23516 | 1.46 | 4.57 | -0.53 | 2.24 | 2.16 | 4.73 | 10.97 | 11.89 | 10.02 | 10.10 | 10.87 | 10.83 | 10.25 | 9.90 | 10.58 | 9.93 | 10.60 | 10.47 | 10.90 | 11.23 | 9.81 | 6.49 | 5.06 | 4.71 | |
| | 0.00 | -0.66 | -172.44 | -16.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.51 | -100.51 | -1.26 | -1.24 | -0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ASTORIA___4 | 16.58 | 53.87 | 165.35 | 45.77 | 33.24 | 53.51 | 130.79 | 139.13 | 274.52 | 135.93 | 104.75 | 103.47 | 101.95 | 98.45 | 100.86 | 93.75 | 99.82 | 99.03 | 105.64 | 111.51 | 181.29 | 67.47 | 55.36 | 51.35 | |
| 23517 | 1.80 | 5.65 | -0.67 | 2.85 | 2.76 | 6.01 | 13.38 | 15.18 | 12.38 | 12.40 | 13.49 | 13.43 | 12.54 | 12.08 | 12.84 | 12.02 | 12.94 | 12.82 | 13.32 | 13.92 | 12.26 | 8.21 | 6.40 | 5.99 | |
| | 0.00 | -0.66 | -172.44 | -16.84 | -6.89 | 0.00 | 0.00 | 0.00 | -173.63 | -34.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.70 | -1.08 | -80.35 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ASTORIA___5 | 16.58 | 53.87 | 165.35 | 45.77 | 33.24 | 53.51 | 130.79 | 139.13 | 274.52 | 135.93 | 104.75 | 103.47 | 101.95 | 98.45 | 100.86 | 93.75 | 99.82 | 99.03 | 105.64 | 111.52 | 181.30 | 67.47 | 55.36 | 51.35 | |
| 23518 | 1.80 | 5.65 | -0.67 | 2.85 | 2.76 | 6.01 | 13.38 | 15.18 | 12.38 | 12.40 | 13.49 | 13.43 | 12.54 | 12.08 | 12.84 | 12.02 | 12.94 | 12.82 | 13.32 | 13.93 | 12.27 | 8.21 | 6.40 | 5.99 | |
| | 0.00 | -0.66 | -172.44 | -16.84 | -6.89 | 0.00 | 0.00 | 0.00 | -173.63 | -34.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.70 | -1.08 | -80.35 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ATHENS_STG_1 | 15.39 | 50.35 | 181.06 | 45.41 | 24.50 | 49.45 | 121.65 | 128.22 | 91.98 | 92.65 | 94.70 | 93.57 | 92.97 | 89.69 | 91.50 | 84.96 | 90.14 | 89.58 | 92.95 | 99.73 | 91.63 | 61.33 | 50.64 | 47.06 | |
| 23668 | 0.61 | 2.07 | -0.26 | 0.99 | 0.90 | 1.95 | 4.25 | 4.28 | 3.47 | 3.24 | 3.44 | 3.53 | 3.56 | 3.32 | 3.48 | 3.23 | 3.26 | 3.37 | 3.33 | 3.22 | 2.96 | 2.07 | 1.68 | 1.71 | |
| | 0.00 | -0.72 | -187.75 | -18.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ATHENS_STG_2 | 15.39 | 50.35 | 181.06 | 45.41 | 24.50 | 49.45 | 121.65 | 128.22 | 91.98 | 92.65 | 94.70 | 93.57 | 92.97 | 89.69 | 91.50 | 84.96 | 90.14 | 89.58 | 92.95 | 99.73 | 91.63 | 61.33 | 50.64 | 47.06 | |
| 23670 | 0.61 | 2.07 | -0.26 | 0.99 | 0.90 | 1.95 | 4.25 | 4.28 | 3.47 | 3.24 | 3.44 | 3.53 | 3.56 | 3.32 | 3.48 | 3.23 | 3.26 | 3.37 | 3.33 | 3.22 | 2.96 | 2.07 | 1.68 | 1.71 | |
| | 0.00 | -0.72 | -187.75 | -18.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ATHENS_STG_3 | 15.39 | 50.35 | 181.06 | 45.41 | 24.50 | 49.45 | 121.65 | 128.22 | 91.98 | 92.65 | 94.70 | 93.57 | 92.97 | 89.69 | 91.50 | 84.96 | 90.14 | 89.58 | 92.95 | 99.73 | 91.63 | 61.33 | 50.64 | 47.06 | |
| 23677 | 0.61 | 2.07 | -0.26 | 0.99 | 0.90 | 1.95 | 4.25 | 4.28 | 3.47 | 3.24 | 3.44 | 3.53 | 3.56 | 3.32 | 3.48 | 3.23 | 3.26 | 3.37 | 3.33 | 3.22 | 2.96 | 2.07 | 1.68 | 1.71 | |
| | 0.00 | -0.72 | -187.75 | -18.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_1 | 62.93 | 83.11 | 167.93 | 47.66 | 53.40 | 67.62 | 125.58 | 132.84 | 97.27 | 98.13 | 101.04 | 99.53 | 98.65 | 96.05 | 96.92 | 90.27 | 95.56 | 95.22 | 99.25 | 105.33 | 96.80 | 89.07 | 93.39 | 81.00 | |
| 23704 | 1.58 | 4.55 | -0.35 | 2.14 | 2.17 | 4.30 | 8.18 | 8.89 | 8.76 | 8.72 | 9.78 | 9.49 | 9.24 | 9.35 | 8.90 | 8.54 | 8.67 | 9.00 | 9.61 | 8.82 | 8.12 | 5.65 | 4.50 | 4.23 | |
| | -46.57 | -31.00 | -174.71 | -19.44 | -27.64 | -15.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -24.15 | -39.93 | -31.41 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_10 | 62.93 | 83.11 | 167.93 | 47.66 | 53.40 | 67.62 | 125.58 | 132.84 | 97.27 | 98.13 | 101.04 | 99.53 | 98.65 | 96.05 | 96.92 | 90.27 | 95.56 | 95.22 | 99.25 | 105.33 | 96.80 | 89.07 | 93.39 | 81.00 | |
| 23701 | 1.58 | 4.55 | -0.35 | 2.14 | 2.17 | 4.30 | 8.18 | 8.89 | 8.76 | 8.72 | 9.78 | 9.49 | 9.24 | 9.35 | 8.90 | 8.54 | 8.67 | 9.00 | 9.61 | 8.82 | 8.12 | 5.65 | 4.50 | 4.23 | |
| | -46.57 | -31.00 | -174.71 | -19.44 | -27.64 | -15.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -24.15 | -39.93 | -31.41 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_11 | 62.93 | 83.11 | 167.93 | 47.66 | 53.40 | 67.62 | 125.58 | 132.84 | 97.27 | 98.13 | 101.04 | 99.53 | 98.65 | 96.05 | 96.92 | 90.27 | 95.56 | 95.22 | 99.25 | 105.33 | 96.80 | 89.07 | 93.39 | 81.00 | |
| 23702 | 1.58 | 4.55 | -0.35 | 2.14 | 2.17 | 4.30 | 8.18 | 8.89 | 8.76 | 8.72 | 9.78 | 9.49 | 9.24 | 9.35 | 8.90 | 8.54 | 8.67 | 9.00 | 9.61 | 8.82 | 8.12 | 5.65 | 4.50 | 4.23 | |
| | -46.57 | -31.00 | -174.71 | -19.44 | -27.64 | -15.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -24.15 | -39.93 | -31.41 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BARRETT_IC_12 | 62.93 | 83.11 | 167.93 | 47.66 | 53.40 | 67.62 | 125.58 | 132.84 | 97.27 | 98.13 | 101.04 | 99.53 | 98.65 | 96.05 | 96.92 | 90.27 | 95.56 | 95.22 | 99.25 | 105.33 | 96.80 | 89.07 | 93.39 | 81.00 | |
| 23703 | 1.58 | 4.55 | -0.35 | 2.14 | 2.17 | 4.30 | 8.18 | 8.89 | 8.76 | 8.72 | 9.78 | 9.49 | 9.24 | 9.35 | 8.90 | 8.54 | 8.67 | 9.00 | 9.61 | 8.82 | 8.12 | 5.65 | 4.50 | 4.23 | |
| | -46.57 | -31.00 | -174.71 | -19.44 | -27.64 | -15.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.33 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | 0.00 | -24.15 | -39.93 | -31.41 | |
| | N | N | N | N | N | N | N | N | N | N | N</ | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| 23706 | 1.58 -46.57 N | 4.55 -31.00 N | -0.35 -174.71 N | 2.14 -19.44 N | 2.17 -27.64 N | 4.30 -15.82 N | 8.18 0.00 N | 8.89 0.00 N | 8.76 0.00 N | 8.72 0.00 N | 9.78 0.00 N | 9.49 0.00 N | 9.24 0.00 N | 9.35 -0.33 N | 8.90 0.00 N | 8.54 0.00 N | 8.67 0.00 N | 9.00 0.00 N | 9.61 -0.02 N | 8.82 0.00 N | 8.12 0.00 N | 5.65 -24.15 N | 4.50 -39.93 N | 4.23 -31.41 N |
| BARRETT_IC_4 23707 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT_IC_5 23708 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT_IC_6 23709 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT_IC_7 23710 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT_IC_8 23711 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT_IC_9 23700 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT___1 23545 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BARRETT___2 23546 | 62.93 1.58 -46.57 N | 83.11 4.55 -31.00 N | 167.93 -0.35 -174.71 N | 47.66 2.14 -19.44 N | 53.40 2.17 -27.64 N | 67.62 4.30 -15.82 N | 125.58 8.18 0.00 N | 132.84 8.89 0.00 N | 97.27 8.76 0.00 N | 98.13 8.72 0.00 N | 101.04 9.78 0.00 N | 99.53 9.49 0.00 N | 98.65 9.24 0.00 N | 96.05 9.35 -0.33 N | 96.92 8.90 0.00 N | 90.27 8.54 0.00 N | 95.56 8.67 0.00 N | 95.22 9.00 0.00 N | 99.25 9.61 -0.02 N | 105.33 8.82 0.00 N | 96.80 8.12 0.00 N | 89.07 5.65 -24.15 N | 93.39 4.50 -39.93 N | 81.00 4.23 -31.41 N |
| BEAVER RIVER___HYD 24048 | 14.27 -0.51 0.00 N | 45.56 -1.99 0.00 N | -6.17 0.26 0.00 N | 25.24 -0.84 0.00 N | 22.79 -0.80 0.00 N | 45.94 -1.56 0.00 N | 115.14 -2.26 0.00 N | 122.98 -0.97 0.00 N | 86.08 -2.43 0.00 N | 87.62 -1.79 0.00 N | 89.30 -1.96 0.00 N | 88.01 -2.03 0.00 N | 87.00 -2.41 0.00 N | 84.14 -2.23 0.00 N | 85.48 -2.54 0.00 N | 79.28 -2.46 0.00 N | 84.26 -2.62 0.00 N | 83.58 -2.63 0.00 N | 87.65 -1.98 0.00 N | 94.62 -1.89 0.00 N | 86.88 -1.79 0.00 N | 57.85 -1.41 0.00 N | 47.70 -1.26 0.00 N | 44.00 -1.35 0.00 N |
| BEEBEE_GT_13 23619 | 14.26 -0.51 0.00 N | 45.75 -1.89 -0.08 N | 14.11 0.23 -20.31 N | 27.24 -0.82 -1.98 N | 22.90 -0.69 0.00 N | 45.80 -1.70 0.00 N | 114.28 -3.12 0.00 N | 121.16 -2.79 0.00 N | 86.20 -2.31 0.00 N | 87.74 -1.67 0.00 N | 89.22 -2.04 0.00 N | 87.75 -2.29 0.00 N | 86.99 -2.41 0.00 N | 84.53 -1.83 0.00 N | 85.74 -2.28 0.00 N | 79.39 -2.34 0.00 N | 84.86 -2.03 0.00 N | 83.86 -2.36 0.00 N | 87.87 -1.75 0.00 N | 95.65 -0.85 0.00 N | 87.86 -0.82 0.00 N | 58.48 -0.78 0.00 N | 48.39 -0.57 0.00 N | 44.14 -1.21 0.00 N |
| BETHLEHEM___GRP 23843 | 15.37 0.60 0.00 N | 50.50 2.12 -0.82 N | 206.66 -0.29 -213.37 N | 47.99 1.08 -20.84 N | 24.54 0.94 0.00 N | 49.56 2.06 0.00 N | 122.27 4.86 0.00 N | 128.97 5.03 0.00 N | 92.28 3.78 0.00 N | 92.99 3.58 0.00 N | 95.03 3.77 0.00 N | 93.75 3.71 0.00 N | 93.23 3.82 0.00 N | 89.80 3.42 0.00 N | 91.75 3.73 0.00 N | 85.23 3.49 0.00 N | 90.45 3.57 0.00 N | 89.93 3.72 0.00 N | 93.39 3.77 0.00 N | 100.11 3.59 0.00 N | 92.02 3.34 0.00 N | 61.52 2.25 0.00 N | 50.76 1.79 0.00 N | 47.09 1.74 0.00 N |
| BETHLEHEM___GS1 323560 | 15.37 0.60 0.00 N | 50.50 2.12 -0.82 N | 206.66 -0.29 -213.37 N | 47.99 1.08 -20.84 N | 24.54 0.94 0.00 N | 49.56 2.06 0.00 N | 122.27 4.86 0.00 N | 128.97 5.03 0.00 N | 92.28 3.78 0.00 N | 92.99 3.58 0.00 N | 95.03 3.77 0.00 N | 93.75 3.71 0.00 N | 93.23 3.82 0.00 N | 89.80 3.42 0.00 N | 91.75 3.73 0.00 N | 85.23 3.49 0.00 N | 90.45 3.57 0.00 N | 89.93 3.72 0.00 N | 93.39 3.77 0.00 N | 100.11 3.59 0.00 N | 92.02 3.34 0.00 N | 61.52 2.25 0.00 N | 50.76 1.79 0.00 N | 47.09 1.74 0.00 N |
| BETHLEHEM___GS2 323561 | 15.37 0.60 0.00 N | 50.50 2.12 -0.82 N | 206.66 -0.29 -213.37 N | 47.99 1.08 -20.84 N | 24.54 0.94 0.00 N | 49.56 2.06 0.00 N | 122.27 4.86 0.00 N | 128.97 5.03 0.00 N | 92.28 3.78 0.00 N | 92.99 3.58 0.00 N | 95.03 3.77 0.00 N | 93.75 3.71 0.00 N | 93.23 3.82 0.00 N | 89.80 3.42 0.00 N | 91.75 3.73 0.00 N | 85.23 3.49 0.00 N | 90.45 3.57 0.00 N | 89.93 3.72 0.00 N | 93.39 3.77 0.00 N | 100.11 3.59 0.00 N | 92.02 3.34 0.00 N | 61.52 2.25 0.00 N | 50.76 1.79 0.00 N | 47.09 1.74 0.00 N |

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| BETHLEHEM___GS3 323562 | 15.37 0.60 0.00 N | 50.50 2.12 -0.82 N | 206.66 -0.29 -213.37 N | 47.99 1.08 -20.84 N | 24.54 0.94 0.00 N | 49.56 2.06 0.00 N | 122.27 4.86 0.00 N | 128.97 5.03 0.00 N | 92.28 3.78 0.00 N | 92.99 3.58 0.00 N | 95.03 3.77 0.00 N | 93.75 3.71 0.00 N | 93.23 3.82 0.00 N | 89.80 3.42 0.00 N | 91.75 3.73 0.00 N | 85.23 3.49 0.00 N | 90.45 3.57 0.00 N | 89.93 3.72 0.00 N | 93.39 3.77 0.00 N | 100.11 3.59 0.00 N | 92.02 3.34 0.00 N | 61.52 2.25 0.00 N | 50.76 1.79 0.00 N | 47.09 1.74 0.00 N |
| BETHLEHEM___STEEL 23779 | 13.80 -0.97 0.00 N | 44.46 -3.21 -0.11 N | 22.68 0.37 -28.74 N | 27.42 -1.47 -2.81 N | 22.26 -1.33 0.00 N | 43.96 -3.55 0.00 N | 108.93 -8.47 0.00 N | 114.21 -9.73 0.00 N | 81.21 -7.30 0.00 N | 82.85 -6.56 0.00 N | 83.92 -7.34 0.00 N | 82.43 -7.61 0.00 N | 81.81 -7.60 0.00 N | 79.77 -6.60 0.00 N | 80.92 -7.09 0.00 N | 75.04 -6.70 0.00 N | 80.51 -6.38 0.00 N | 79.24 -6.97 0.00 N | 82.53 -7.09 0.00 N | 90.09 -6.42 0.00 N | 83.09 -5.59 0.00 N | 55.57 -3.69 0.00 N | 46.67 -2.30 0.00 N | 42.73 -2.62 0.00 N |
| BETHPAGE_CC_5 323564 | 62.78 1.43 -46.57 N | 85.19 4.27 -33.37 N | 169.91 -0.39 -176.73 N | 49.72 1.90 -21.74 N | 77.83 2.05 -52.19 N | 81.41 4.04 -29.87 N | 124.71 7.31 0.00 N | 129.81 7.05 1.18 N | 95.56 7.06 0.00 N | 96.15 6.74 0.00 N | 98.79 7.53 0.00 N | 97.52 7.48 0.00 N | 96.69 7.29 0.00 N | 94.30 7.60 -0.33 N | 95.08 7.05 0.00 N | 88.75 7.02 0.00 N | 94.09 7.20 0.00 N | 93.87 7.66 0.00 N | 97.60 7.95 -0.02 N | 104.51 8.00 0.00 N | 95.92 7.24 0.00 N | 88.76 5.35 -24.15 N | 93.16 4.27 -39.93 N | 80.67 3.90 -31.41 N |
| BINGHAMTON___COGEN 23790 | 14.53 -0.25 0.00 N | 47.00 -0.78 -0.22 N | 52.07 0.08 -58.42 N | 31.37 -0.41 -5.71 N | 23.26 -0.33 0.00 N | 46.67 -0.83 0.00 N | 116.17 -1.23 0.00 N | 122.06 -1.89 0.00 N | 87.13 -1.37 0.00 N | 88.07 -1.34 0.00 N | 89.83 -1.43 0.00 N | 88.52 -1.52 0.00 N | 87.90 -1.51 0.00 N | 85.03 -1.34 0.00 N | 86.74 -1.28 0.00 N | 80.56 -1.17 0.00 N | 85.81 -1.08 0.00 N | 84.88 -1.34 0.00 N | 88.51 -1.11 0.00 N | 95.39 -1.12 0.00 N | 87.32 -1.36 0.00 N | 58.21 -1.05 0.00 N | 48.10 -0.86 0.00 N | 44.62 -0.74 0.00 N |
| BLACK RIVER___HYD 24047 | 14.28 -0.49 0.00 N | 45.66 -1.92 -0.02 N | -1.80 0.26 -4.37 N | 25.61 -0.90 -0.43 N | 22.77 -0.82 0.00 N | 45.99 -1.51 0.00 N | 115.50 -1.90 0.00 N | 123.29 -0.65 0.00 N | 86.81 -1.70 0.00 N | 88.26 -1.15 0.00 N | 89.96 -1.30 0.00 N | 88.66 -1.38 0.00 N | 87.69 -1.72 0.00 N | 84.82 -1.55 0.00 N | 86.16 -1.86 0.00 N | 79.90 -1.84 0.00 N | 85.00 -1.89 0.00 N | 84.35 -1.86 0.00 N | 88.54 -1.08 0.00 N | 95.63 -0.88 0.00 N | 87.64 -1.04 0.00 N | 58.26 -1.00 0.00 N | 47.90 -1.06 0.00 N | 44.16 -1.19 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 15.24 0.46 0.00 N | 49.98 1.61 -0.82 N | 204.86 -0.21 -211.49 N | 47.52 0.79 -20.65 N | 24.29 0.69 0.00 N | 49.04 1.54 0.00 N | 120.59 3.19 0.00 N | 127.22 3.27 0.00 N | 90.92 2.41 0.00 N | 91.61 2.20 0.00 N | 93.79 2.53 0.00 N | 92.58 2.54 0.00 N | 91.89 2.48 0.00 N | 88.59 2.22 0.00 N | 90.58 2.56 0.00 N | 84.10 2.37 0.00 N | 89.14 2.26 0.00 N | 88.65 2.44 0.00 N | 91.91 2.29 0.00 N | 98.75 2.24 0.00 N | 90.72 2.04 0.00 N | 60.58 1.32 0.00 N | 49.99 1.03 0.00 N | 46.50 1.15 0.00 N |
| BOC_GAS_DRP 24189 | 15.24 0.47 0.00 N | 50.03 1.66 -0.82 N | 206.72 -0.22 -213.37 N | 47.73 0.82 -20.84 N | 24.31 0.72 0.00 N | 49.06 1.56 0.00 N | 120.82 3.42 0.00 N | 127.37 3.43 0.00 N | 91.12 2.61 0.00 N | 91.82 2.41 0.00 N | 93.84 2.58 0.00 N | 92.63 2.59 0.00 N | 92.07 2.66 0.00 N | 88.74 2.38 0.00 N | 90.62 2.60 0.00 N | 84.17 2.43 0.00 N | 89.29 2.40 0.00 N | 88.66 2.44 0.00 N | 91.99 2.37 0.00 N | 98.70 2.19 0.00 N | 90.75 2.07 0.00 N | 60.73 1.47 0.00 N | 50.14 1.18 0.00 N | 46.59 1.23 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 15.36 0.59 0.00 N | 50.73 2.35 -0.83 N | 207.22 -0.35 -213.99 N | 48.22 1.24 -20.90 N | 24.61 1.02 0.00 N | 49.75 2.25 0.00 N | 122.33 4.93 0.00 N | 128.67 4.73 0.00 N | 92.02 3.51 0.00 N | 92.65 3.24 0.00 N | 94.70 3.45 0.00 N | 93.24 3.20 0.00 N | 92.93 3.53 0.00 N | 89.16 2.80 0.00 N | 91.42 3.40 0.00 N | 84.97 3.24 0.00 N | 90.14 3.25 0.00 N | 89.97 3.76 0.00 N | 93.17 3.55 0.00 N | 99.39 2.88 0.00 N | 91.68 3.00 0.00 N | 61.39 2.13 0.00 N | 50.78 1.82 0.00 N | 47.19 1.84 0.00 N |
| BOWLINE___1 23526 | 15.64 0.86 0.00 N | 50.93 2.74 -0.64 N | 159.45 -0.32 -166.20 N | 43.61 1.31 -16.23 N | 24.83 1.24 0.00 N | 50.24 2.74 0.00 N | 123.93 6.53 0.00 N | 130.85 6.91 0.00 N | 94.36 5.85 0.00 N | 95.18 5.77 0.00 N | 97.37 6.11 0.00 N | 96.20 6.16 0.00 N | 95.38 5.97 0.00 N | 92.13 5.76 0.00 N | 94.01 5.99 0.00 N | 87.39 5.65 0.00 N | 92.85 5.97 0.00 N | 92.21 6.00 0.00 N | 95.79 6.17 0.00 N | 102.87 6.36 0.00 N | 94.17 5.50 0.00 N | 62.86 3.59 0.00 N | 51.66 2.70 0.00 N | 47.93 2.58 0.00 N |
| BOWLINE___2 23595 | 15.64 0.86 0.00 N | 50.94 2.75 -0.64 N | 159.45 -0.32 -166.20 N | 43.62 1.32 -16.23 N | 24.83 1.24 0.00 N | 50.24 2.74 0.00 N | 123.95 6.55 0.00 N | 130.85 6.91 0.00 N | 94.38 5.87 0.00 N | 95.20 5.79 0.00 N | 97.37 6.11 0.00 N | 96.20 6.16 0.00 N | 95.41 6.00 0.00 N | 92.16 5.79 0.00 N | 94.01 5.99 0.00 N | 87.39 5.65 0.00 N | 92.86 5.97 0.00 N | 92.23 6.02 0.00 N | 95.81 6.19 0.00 N | 102.88 6.37 0.00 N | 94.18 5.51 0.00 N | 62.86 3.60 0.00 N | 51.67 2.71 0.00 N | 47.93 2.58 0.00 N |
| BROOKHAVEN___DRP 24191 | 62.72 1.37 -46.57 N | 86.02 4.37 -34.09 N | 170.53 -0.39 -177.34 N | 50.42 1.90 -22.44 N | 85.29 2.10 -59.58 N | 85.54 3.93 -34.10 N | 122.12 4.72 0.00 N | 125.49 3.69 2.14 N | 93.00 4.50 0.00 N | 93.11 3.70 0.00 N | 96.91 5.65 0.00 N | 96.07 6.03 0.00 N | 95.14 5.74 0.00 N | 93.10 6.40 -0.33 N | 93.95 5.92 0.00 N | 87.88 6.15 0.00 N | 93.14 6.25 0.00 N | 92.99 6.78 0.00 N | 96.94 7.30 -0.02 N | 103.80 7.28 0.00 N | 95.30 6.62 0.00 N | 88.28 4.86 -24.15 N | 92.84 3.95 -39.93 N | 80.57 3.81 -31.41 N |
| BROOKLYN_NAVY_YARD 23515 | 15.81 1.04 0.00 N | 51.48 3.25 -0.66 N | 165.64 -0.38 -172.44 N | 44.47 1.55 -16.84 N | 25.09 1.49 0.00 N | 50.84 3.34 0.00 N | 125.58 8.17 0.00 N | 132.71 8.76 0.00 N | 95.84 7.33 0.00 N | 96.82 7.41 0.00 N | 99.16 7.90 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.74 7.72 0.00 N | 89.02 7.28 0.00 N | 94.52 7.64 0.00 N | 93.85 7.64 0.00 N | 97.63 8.01 0.00 N | 104.68 8.17 0.00 N | 95.71 7.03 0.00 N | 63.84 4.58 0.00 N | 52.42 3.46 0.00 N | 48.57 3.21 0.00 N |
| BURROWS___LYONSDAL 23803 | 14.67 -0.10 0.00 N | 47.06 -0.49 0.00 N | -6.37 0.06 0.00 N | 25.92 -0.16 0.00 N | 23.44 -0.16 0.00 N | 47.19 -0.31 0.00 N | 117.79 0.39 0.00 N | 125.28 1.33 0.00 N | 88.63 0.12 0.00 N | 89.88 0.47 0.00 N | 91.68 0.42 0.00 N | 90.41 0.37 0.00 N | 89.57 0.16 0.00 N | 86.58 0.21 0.00 N | 88.10 0.08 0.00 N | 81.67 -0.06 0.00 N | 86.57 -0.31 0.00 N | 85.90 -0.32 0.00 N | 89.86 0.24 0.00 N | 96.95 0.44 0.00 N | 88.85 0.18 0.00 N | 59.15 -0.11 0.00 N | 48.77 -0.19 0.00 N | 45.04 -0.31 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 62.78 1.43 -46.57 N | 84.85 4.26 -33.03 N | 169.62 -0.40 -176.44 N | 49.40 1.91 -21.41 N | 74.30 2.04 -48.67 N | 79.45 4.10 -27.85 N | 125.07 7.67 0.00 N | 130.59 7.41 0.77 N | 95.92 7.41 0.00 N | 96.49 7.08 0.00 N | 98.99 7.74 0.00 N | 97.70 7.66 0.00 N | 96.87 7.47 0.00 N | 94.42 7.72 -0.33 N | 95.11 7.09 0.00 N | 88.75 7.01 0.00 N | 94.09 7.21 0.00 N | 93.86 7.65 0.00 N | 97.62 7.98 -0.02 N | 104.53 8.02 0.00 N | 95.95 7.27 0.00 N | 88.89 5.48 -24.15 N | 93.26 4.37 -39.93 N | 80.74 3.98 -31.41 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| CALPINE_BP_GT1 23823 | 62.78 1.43 -46.57 N | 84.85 4.26 -33.03 N | 169.62 -0.40 -176.44 N | 49.40 1.91 -21.41 N | 74.30 2.04 -48.67 N | 79.45 4.10 -27.85 N | 125.07 7.67 0.00 N | 130.59 7.41 0.77 N | 95.92 7.41 0.00 N | 96.49 7.08 0.00 N | 98.99 7.74 0.00 N | 97.70 7.66 0.00 N | 96.87 7.47 0.00 N | 94.42 7.72 -0.33 N | 95.11 7.09 0.00 N | 88.75 7.01 0.00 N | 94.09 7.21 0.00 N | 93.86 7.65 0.00 N | 97.62 7.98 -0.02 N | 104.53 8.02 0.00 N | 95.95 7.27 0.00 N | 88.89 5.48 -24.15 N | 93.26 4.37 -39.93 N | 80.74 3.98 -31.41 N | |
| CALSPAN___DRP 24200 | 13.80 -0.97 0.00 N | 44.46 -3.21 -0.11 N | 22.68 0.37 -28.74 N | 27.42 -1.47 -2.81 N | 22.26 -1.33 0.00 N | 43.96 -3.55 0.00 N | 108.93 -8.47 0.00 N | 114.21 -9.73 0.00 N | 81.21 -7.30 0.00 N | 82.85 -6.56 0.00 N | 83.92 -7.34 0.00 N | 82.43 -7.61 0.00 N | 81.81 -7.60 0.00 N | 79.77 -6.60 0.00 N | 80.92 -7.09 0.00 N | 75.04 -6.70 0.00 N | 80.51 -6.38 0.00 N | 79.24 -6.97 0.00 N | 82.53 -7.09 0.00 N | 90.09 -6.42 0.00 N | 83.09 -5.59 0.00 N | 55.57 -3.69 0.00 N | 46.67 -2.30 0.00 N | 42.73 -2.62 0.00 N | |
| CARR STREET_E__SYR 24060 | 14.52 -0.26 0.00 N | 46.69 -0.92 -0.05 N | 7.44 0.12 -13.75 N | 26.96 -0.46 -1.34 N | 23.20 -0.39 0.00 N | 46.60 -0.91 0.00 N | 115.58 -1.82 0.00 N | 122.18 -1.77 0.00 N | 87.22 -1.29 0.00 N | 88.28 -1.13 0.00 N | 90.03 -1.23 0.00 N | 88.78 -1.26 0.00 N | 88.12 -1.29 0.00 N | 85.27 -1.10 0.00 N | 86.78 -1.24 0.00 N | 80.53 -1.20 0.00 N | 85.68 -1.20 0.00 N | 84.90 -1.31 0.00 N | 88.46 -1.16 0.00 N | 95.50 -1.01 0.00 N | 87.68 -1.00 0.00 N | 58.46 -0.81 0.00 N | 48.30 -0.66 0.00 N | 44.66 -0.70 0.00 N | |
| CARTHAGE___PAPER 23857 | 14.27 -0.50 0.00 N | 45.65 -1.92 -0.01 N | -3.05 0.25 -3.12 N | 25.52 -0.86 -0.30 N | 22.79 -0.80 0.00 N | 45.99 -1.51 0.00 N | 115.39 -2.01 0.00 N | 123.23 -0.71 0.00 N | 86.56 -1.95 0.00 N | 88.06 -1.35 0.00 N | 89.72 -1.54 0.00 N | 88.43 -1.61 0.00 N | 87.46 -1.95 0.00 N | 84.57 -1.80 0.00 N | 85.95 -2.07 0.00 N | 79.68 -2.05 0.00 N | 84.77 -2.12 0.00 N | 84.09 -2.13 0.00 N | 88.24 -1.38 0.00 N | 95.26 -1.25 0.00 N | 87.38 -1.30 0.00 N | 58.13 -1.14 0.00 N | 47.84 -1.12 0.00 N | 44.12 -1.23 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 15.74 0.96 0.00 N | 51.27 3.05 -0.66 N | 165.04 -0.35 -171.82 N | 44.31 1.46 -16.78 N | 24.98 1.38 0.00 N | 50.57 3.07 0.00 N | 124.65 7.25 0.00 N | 131.62 7.68 0.00 N | 95.01 6.50 0.00 N | 95.90 6.49 0.00 N | 98.17 6.91 0.00 N | 96.95 6.91 0.00 N | 96.14 6.73 0.00 N | 92.88 6.51 0.00 N | 94.76 6.74 0.00 N | 88.10 6.36 0.00 N | 93.58 6.70 0.00 N | 92.97 6.76 0.00 N | 96.64 7.02 0.00 N | 103.63 7.12 0.00 N | 94.88 6.20 0.00 N | 63.33 4.07 0.00 N | 52.06 3.10 0.00 N | 48.28 2.93 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 15.69 0.91 0.00 N | 51.14 2.93 -0.66 N | 164.43 -0.34 -171.19 N | 44.19 1.40 -16.72 N | 24.92 1.32 0.00 N | 50.44 2.94 0.00 N | 124.37 6.97 0.00 N | 131.31 7.37 0.00 N | 94.74 6.23 0.00 N | 95.60 6.19 0.00 N | 97.83 6.57 0.00 N | 96.64 6.59 0.00 N | 95.80 6.39 0.00 N | 92.56 6.19 0.00 N | 94.44 6.42 0.00 N | 87.81 6.07 0.00 N | 93.27 6.39 0.00 N | 92.65 6.44 0.00 N | 96.31 6.69 0.00 N | 103.34 6.83 0.00 N | 94.58 5.91 0.00 N | 63.14 3.89 0.00 N | 51.92 2.95 0.00 N | 48.14 2.79 0.00 N | |
| CE_NYC2_DRP 24202 | 16.23 1.45 0.00 N | 52.79 4.57 -0.66 N | 165.49 -0.53 -172.44 N | 45.15 2.23 -16.84 N | 25.75 2.16 0.00 N | 52.23 4.73 0.00 N | 128.35 10.95 0.00 N | 135.82 11.87 0.00 N | 98.52 10.01 0.00 N | 99.47 10.06 0.00 N | 102.09 10.84 0.00 N | 100.83 10.79 0.00 N | 99.64 10.23 0.00 N | 96.78 9.90 -0.51 N | 199.09 10.56 -100.51 N | 92.91 9.92 -1.26 N | 98.71 10.59 -1.24 N | 97.29 10.46 -0.61 N | 100.51 10.89 0.00 N | 107.73 11.22 0.00 N | 98.45 9.77 0.00 N | 65.73 6.47 0.00 N | 54.01 5.05 0.00 N | 50.05 4.70 0.00 N | |
| CE_NYC_DRP 24195 | 15.83 1.05 0.00 N | 51.51 3.29 -0.66 N | 165.64 -0.38 -172.44 N | 44.50 1.58 -16.84 N | 25.12 1.52 0.00 N | 50.88 3.38 0.00 N | 125.56 8.16 0.00 N | 132.71 8.77 0.00 N | 95.90 7.39 0.00 N | 96.87 7.46 0.00 N | 99.21 7.96 0.00 N | 97.99 7.95 0.00 N | 97.09 7.68 0.00 N | 93.82 7.45 0.00 N | 95.77 7.75 0.00 N | 89.05 7.32 0.00 N | 94.59 7.70 0.00 N | 93.91 7.69 0.00 N | 97.66 8.04 0.00 N | 104.68 8.16 0.00 N | 95.68 7.00 0.00 N | 63.81 4.55 0.00 N | 52.42 3.45 0.00 N | 48.58 3.22 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 15.68 0.90 0.00 N | 51.16 2.90 -0.70 N | 173.79 -0.34 -180.56 N | 45.10 1.39 -17.63 N | 24.91 1.32 0.00 N | 50.40 2.90 0.00 N | 124.09 6.69 0.00 N | 130.92 6.98 0.00 N | 94.39 5.89 0.00 N | 95.21 5.80 0.00 N | 97.43 6.17 0.00 N | 96.22 6.18 0.00 N | 95.44 6.03 0.00 N | 92.17 5.80 0.00 N | 94.05 6.03 0.00 N | 87.40 5.67 0.00 N | 92.82 5.93 0.00 N | 92.24 6.02 0.00 N | 95.86 6.24 0.00 N | 102.86 6.35 0.00 N | 94.22 5.54 0.00 N | 62.94 3.68 0.00 N | 51.79 2.83 0.00 N | 48.09 2.74 0.00 N | |
| CH_MISC_IPPS 23765 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N | |
| CH_RES_BVR_FALLS 23983 | 14.35 -0.42 0.00 N | 45.89 -1.62 0.05 N | -18.72 0.21 12.50 N | 24.33 -0.53 1.22 N | 23.05 -0.55 0.00 N | 46.26 -1.25 0.00 N | 114.73 -2.67 0.00 N | 122.07 -1.87 0.00 N | 85.39 -3.12 0.00 N | 86.77 -2.64 0.00 N | 88.45 -2.81 0.00 N | 87.24 -2.80 0.00 N | 86.26 -3.14 0.00 N | 83.44 -2.93 0.00 N | 84.88 -3.15 0.00 N | 78.82 -2.91 0.00 N | 83.91 -2.98 0.00 N | 83.14 -3.08 0.00 N | 86.58 -3.04 0.00 N | 93.49 -3.02 0.00 N | 86.31 -2.37 0.00 N | 57.73 -1.53 0.00 N | 47.89 -1.07 0.00 N | 44.31 -1.05 0.00 N | |
| CH_RES_NIAGARA 23895 | 13.86 -0.92 0.00 N | 44.59 -3.06 -0.10 N | 19.24 0.37 -25.30 N | 27.23 -1.32 -2.47 N | 22.36 -1.24 0.00 N | 44.02 -3.48 0.00 N | 108.04 -9.36 0.00 N | 113.53 -10.42 0.00 N | 80.73 -7.78 0.00 N | 82.52 -6.89 0.00 N | 83.36 -7.90 0.00 N | 81.91 -8.13 0.00 N | 81.28 -8.13 0.00 N | 79.41 -6.96 0.00 N | 80.30 -7.72 0.00 N | 74.43 -7.30 0.00 N | 79.90 -6.99 0.00 N | 78.63 -7.58 0.00 N | 81.45 -8.17 0.00 N | 89.23 -7.28 0.00 N | 82.80 -5.88 0.00 N | 55.58 -3.68 0.00 N | 46.97 -1.99 0.00 N | 42.81 -2.54 0.00 N | |
| CH_RES_SYRACUSE 23985 | 14.58 -0.19 0.00 N | 46.89 -0.74 -0.06 N | 10.22 0.09 -16.56 N | 27.35 -0.35 -1.62 N | 23.30 -0.29 0.00 N | 46.82 -0.69 0.00 N | 116.34 -1.06 0.00 N | 123.05 -0.90 0.00 N | 87.81 -0.69 0.00 N | 88.88 -0.53 0.00 N | 90.66 -0.59 0.00 N | 89.36 -0.67 0.00 N | 88.70 -0.71 0.00 N | 85.79 -0.58 0.00 N | 87.32 -0.70 0.00 N | 81.01 -0.72 0.00 N | 86.23 -0.65 0.00 N | 85.49 -0.72 0.00 N | 89.14 -0.48 0.00 N | 96.21 -0.30 0.00 N | 88.30 -0.38 0.00 N | 58.85 -0.41 0.00 N | 48.55 -0.41 0.00 N | 44.84 -0.52 0.00 N | |
| CORNELL___ | 14.17 | 44.70 | 27.10 | 28.22 | 22.71 | 44.61 | 111.63 | 118.42 | 84.38 | 85.62 | 87.74 | 85.88 | 85.20 | 82.43 | 83.74 | 77.66 | 82.74 | 81.95 | 85.74 | 92.72 | 84.84 | 56.36 | 46.36 | 42.67 | |

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| 23752 | -0.61 0.00 N | -2.99 -0.13 N | 0.42 -33.11 N | -1.09 -3.23 N | -0.89 0.00 N | -2.89 0.00 N | -5.78 0.00 N | -5.52 0.00 N | -4.13 0.00 N | -3.79 0.00 N | -3.52 0.00 N | -4.16 0.00 N | -4.21 0.00 N | -3.94 0.00 N | -4.28 0.00 N | -4.07 0.00 N | -4.15 0.00 N | -4.27 0.00 N | -3.87 0.00 N | -3.79 0.00 N | -3.84 0.00 N | -2.90 0.00 N | -2.60 0.00 N | -2.69 0.00 N |
| COXSACKIE___GT 23611 | 15.71 0.94 0.00 N | 51.39 3.07 -0.76 N | 189.99 -0.39 -196.81 N | 46.82 1.52 -19.22 N | 25.00 1.40 0.00 N | 50.53 3.03 0.00 N | 124.80 7.40 0.00 N | 131.76 7.82 0.00 N | 94.78 6.28 0.00 N | 95.59 6.18 0.00 N | 97.72 6.46 0.00 N | 96.51 6.48 0.00 N | 95.79 6.38 0.00 N | 92.42 6.05 0.00 N | 94.31 6.29 0.00 N | 87.62 5.88 0.00 N | 93.00 6.11 0.00 N | 92.38 6.16 0.00 N | 96.19 6.57 0.00 N | 103.27 6.76 0.00 N | 94.65 5.97 0.00 N | 63.21 3.95 0.00 N | 51.98 3.01 0.00 N | 48.20 2.85 0.00 N |
| CRESCENT___HYD 24018 | 15.30 0.53 0.00 N | 50.42 2.04 -0.83 N | 207.99 -0.29 -214.71 N | 48.09 1.04 -20.97 N | 24.49 0.89 0.00 N | 49.52 2.02 0.00 N | 122.13 4.73 0.00 N | 128.72 4.78 0.00 N | 92.09 3.58 0.00 N | 92.65 3.24 0.00 N | 94.74 3.47 0.00 N | 93.39 3.36 0.00 N | 93.06 3.65 0.00 N | 89.42 3.05 0.00 N | 91.53 3.51 0.00 N | 85.04 3.30 0.00 N | 90.23 3.35 0.00 N | 89.90 3.69 0.00 N | 93.20 3.58 0.00 N | 99.75 3.24 0.00 N | 91.82 3.15 0.00 N | 61.38 2.12 0.00 N | 50.68 1.71 0.00 N | 46.99 1.64 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 14.58 -0.19 0.00 N | 46.89 -0.74 -0.06 N | 10.22 0.09 -16.56 N | 27.35 -0.35 -1.62 N | 23.30 -0.29 0.00 N | 46.82 -0.69 0.00 N | 116.34 -1.06 0.00 N | 123.05 -0.90 0.00 N | 87.81 -0.69 0.00 N | 88.88 -0.53 0.00 N | 90.66 -0.59 0.00 N | 89.36 -0.67 0.00 N | 88.70 -0.71 0.00 N | 85.79 -0.58 0.00 N | 87.32 -0.70 0.00 N | 81.01 -0.72 0.00 N | 86.23 -0.65 0.00 N | 85.49 -0.72 0.00 N | 89.14 -0.48 0.00 N | 96.21 -0.30 0.00 N | 88.30 -0.38 0.00 N | 58.85 -0.41 0.00 N | 48.55 -0.41 0.00 N | 44.84 -0.52 0.00 N |
| DANSKAMMER___1 23586 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N |
| DANSKAMMER___2 23589 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N |
| DANSKAMMER___3 23590 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N |
| DANSKAMMER___4 23591 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N |
| DANSKAMMER___DIESEL 23592 | 15.54 0.76 0.00 N | 50.67 2.44 -0.67 N | 167.02 -0.25 -173.69 N | 44.13 1.10 -16.96 N | 24.73 1.13 0.00 N | 49.96 2.46 0.00 N | 122.61 5.21 0.00 N | 129.34 5.40 0.00 N | 93.23 4.72 0.00 N | 94.02 4.61 0.00 N | 96.19 4.93 0.00 N | 95.03 4.99 0.00 N | 94.27 4.87 0.00 N | 91.04 4.67 0.00 N | 92.87 4.85 0.00 N | 86.35 4.61 0.00 N | 91.71 4.82 0.00 N | 91.15 4.93 0.00 N | 94.73 5.11 0.00 N | 101.70 5.19 0.00 N | 93.15 4.47 0.00 N | 62.20 2.94 0.00 N | 51.16 2.20 0.00 N | 47.70 2.35 0.00 N |
| DASHVILLE___HYD 23610 | 15.57 0.79 0.00 N | 50.76 2.54 -0.66 N | 164.16 -0.29 -170.88 N | 43.95 1.19 -16.69 N | 24.74 1.15 0.00 N | 50.00 2.50 0.00 N | 123.06 5.66 0.00 N | 129.81 5.86 0.00 N | 93.72 5.21 0.00 N | 94.54 5.13 0.00 N | 96.79 5.53 0.00 N | 95.65 5.61 0.00 N | 94.90 5.49 0.00 N | 91.67 5.30 0.00 N | 93.49 5.47 0.00 N | 86.71 4.98 0.00 N | 92.05 5.17 0.00 N | 91.49 5.28 0.00 N | 95.08 5.46 0.00 N | 102.12 5.61 0.00 N | 93.57 4.89 0.00 N | 62.52 3.27 0.00 N | 51.44 2.48 0.00 N | 47.82 2.47 0.00 N |
| DOGLEVILLE___HYD 23807 | 15.16 0.38 0.00 N | 48.95 1.42 0.02 N | -11.64 -0.21 5.00 N | 26.33 0.74 0.49 N | 24.25 0.66 0.00 N | 49.06 1.56 0.00 N | 122.00 4.60 0.00 N | 128.75 4.80 0.00 N | 92.06 3.55 0.00 N | 92.83 3.42 0.00 N | 94.80 3.54 0.00 N | 93.43 3.39 0.00 N | 92.31 2.91 0.00 N | 88.85 2.48 0.00 N | 90.71 2.69 0.00 N | 84.22 2.49 0.00 N | 89.53 2.64 0.00 N | 89.58 3.37 0.00 N | 93.51 3.89 0.00 N | 100.63 4.12 0.00 N | 92.25 3.57 0.00 N | 61.51 2.25 0.00 N | 50.57 1.61 0.00 N | 46.88 1.53 0.00 N |
| DUNKIRK___1 23563 | 13.24 -1.53 0.00 N | 42.78 -4.90 -0.12 N | 25.37 0.56 -31.24 N | 26.72 -2.41 -3.05 N | 21.44 -2.15 0.00 N | 42.21 -5.29 0.00 N | 105.82 -11.59 0.00 N | 110.15 -13.79 0.00 N | 78.26 -10.24 0.00 N | 79.69 -9.72 0.00 N | 80.90 -10.36 0.00 N | 79.42 -10.62 0.00 N | 78.81 -10.60 0.00 N | 76.82 -9.55 0.00 N | 78.33 -9.69 0.00 N | 72.70 -9.04 0.00 N | 77.98 -8.91 0.00 N | 76.77 -9.45 0.00 N | 80.60 -9.02 0.00 N | 87.47 -9.04 0.00 N | 80.00 -8.67 0.00 N | 53.30 -5.95 0.00 N | 44.52 -4.44 0.00 N | 41.09 -4.27 0.00 N |
| DUNKIRK___2 23564 | 13.24 -1.53 0.00 N | 42.78 -4.90 -0.12 N | 25.37 0.56 -31.24 N | 26.72 -2.41 -3.05 N | 21.44 -2.15 0.00 N | 42.21 -5.29 0.00 N | 105.82 -11.59 0.00 N | 110.15 -13.79 0.00 N | 78.26 -10.24 0.00 N | 79.69 -9.72 0.00 N | 80.90 -10.36 0.00 N | 79.42 -10.62 0.00 N | 78.81 -10.60 0.00 N | 76.82 -9.55 0.00 N | 78.33 -9.69 0.00 N | 72.70 -9.04 0.00 N | 77.98 -8.91 0.00 N | 76.77 -9.45 0.00 N | 80.60 -9.02 0.00 N | 87.47 -9.04 0.00 N | 80.00 -8.67 0.00 N | 53.30 -5.95 0.00 N | 44.52 -4.44 0.00 N | 41.09 -4.27 0.00 N |
| DUNKIRK___3 23565 | 13.34 -1.44 0.00 N | 43.10 -4.58 -0.12 N | 25.33 0.52 -31.24 N | 26.87 -2.26 -3.05 N | 21.58 -2.02 0.00 N | 42.57 -4.93 0.00 N | 106.63 -10.77 0.00 N | 111.05 -12.90 0.00 N | 78.93 -9.58 0.00 N | 80.38 -9.03 0.00 N | 81.57 -9.69 0.00 N | 80.08 -9.96 0.00 N | 79.48 -9.93 0.00 N | 77.43 -8.94 0.00 N | 78.90 -9.12 0.00 N | 73.23 -8.51 0.00 N | 78.55 -8.33 0.00 N | 77.32 -8.90 0.00 N | 81.12 -8.50 0.00 N | 88.09 -8.43 0.00 N | 80.64 -8.04 0.00 N | 53.75 -5.51 0.00 N | 44.92 -4.04 0.00 N | 41.43 -3.92 0.00 N |

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| DUNKIRK___4 23566 | 13.34 -1.44 0.00 N | 43.10 -4.58 -0.12 N | 25.33 0.52 -31.24 N | 26.87 -2.26 -3.05 N | 21.58 -2.02 0.00 N | 42.57 -4.93 0.00 N | 106.63 -10.77 0.00 N | 111.05 -12.90 0.00 N | 78.93 -9.58 0.00 N | 80.38 -9.03 0.00 N | 81.57 -9.69 0.00 N | 80.08 -9.96 0.00 N | 79.48 -9.93 0.00 N | 77.43 -8.94 0.00 N | 78.90 -9.12 0.00 N | 73.23 -8.51 0.00 N | 78.55 -8.33 0.00 N | 77.32 -8.90 0.00 N | 81.12 -8.50 0.00 N | 88.09 -8.43 0.00 N | 80.64 -8.04 0.00 N | 53.75 -5.51 0.00 N | 44.92 -4.04 0.00 N | 41.43 -3.92 0.00 N |
| EAST HAMPTON___GT 23717 | 63.14 1.79 -46.57 N | 87.47 5.83 -34.09 N | 170.32 -0.59 -177.34 N | 51.19 2.67 -22.44 N | 86.01 2.83 -59.58 N | 87.00 5.40 -34.10 N | 126.11 8.71 0.00 N | 129.84 8.06 2.17 N | 96.27 7.75 0.00 N | 96.45 7.05 0.00 N | 100.53 9.27 0.00 N | 99.64 9.60 0.00 N | 98.68 9.27 0.00 N | 96.50 9.80 -0.33 N | 97.43 9.41 0.00 N | 91.13 9.39 0.00 N | 96.67 9.79 0.00 N | 96.64 10.42 0.00 N | 101.12 11.48 -0.02 N | 108.23 11.72 0.00 N | 99.17 10.49 0.00 N | 90.75 7.33 -24.15 N | 94.69 5.80 -39.93 N | 82.13 5.37 -31.41 N |
| EAST RIVER___6 23660 | 15.78 1.01 0.00 N | 51.36 3.14 -0.66 N | 165.66 -0.36 -172.44 N | 44.42 1.50 -16.84 N | 25.05 1.46 0.00 N | 50.79 3.29 0.00 N | 125.28 7.88 0.00 N | 132.24 8.30 0.00 N | 95.57 7.07 0.00 N | 96.51 7.11 0.00 N | 98.84 7.58 0.00 N | 97.76 7.71 0.00 N | 96.97 7.56 0.00 N | 93.71 7.35 0.00 N | 95.74 7.72 0.00 N | 88.86 7.12 0.00 N | 94.26 7.37 0.00 N | 93.58 7.37 0.00 N | 97.47 7.85 0.00 N | 104.49 7.97 0.00 N | 95.52 6.85 0.00 N | 63.70 4.44 0.00 N | 52.33 3.37 0.00 N | 48.49 3.14 0.00 N |
| EAST RIVER___7 23524 | 15.78 1.01 0.00 N | 51.36 3.14 -0.66 N | 165.66 -0.36 -172.44 N | 44.42 1.50 -16.84 N | 25.05 1.46 0.00 N | 50.79 3.29 0.00 N | 125.28 7.88 0.00 N | 132.24 8.30 0.00 N | 95.57 7.07 0.00 N | 96.51 7.11 0.00 N | 98.84 7.58 0.00 N | 97.76 7.71 0.00 N | 96.97 7.56 0.00 N | 93.71 7.35 0.00 N | 95.74 7.72 0.00 N | 88.86 7.12 0.00 N | 94.26 7.37 0.00 N | 93.58 7.37 0.00 N | 97.47 7.85 0.00 N | 104.49 7.97 0.00 N | 95.52 6.85 0.00 N | 63.70 4.44 0.00 N | 52.33 3.37 0.00 N | 48.49 3.14 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 63.14 1.79 -46.57 N | 87.47 5.83 -34.09 N | 170.32 -0.59 -177.34 N | 51.19 2.67 -22.44 N | 86.01 2.83 -59.58 N | 87.00 5.40 -34.10 N | 126.11 8.71 0.00 N | 129.84 8.06 2.17 N | 96.27 7.75 0.00 N | 96.45 7.05 0.00 N | 100.53 9.27 0.00 N | 99.64 9.60 0.00 N | 98.68 9.27 0.00 N | 96.50 9.80 -0.33 N | 97.43 9.41 0.00 N | 91.13 9.39 0.00 N | 96.67 9.79 0.00 N | 96.64 10.42 0.00 N | 101.12 11.48 -0.02 N | 108.23 11.72 0.00 N | 99.17 10.49 0.00 N | 90.75 7.33 -24.15 N | 94.69 5.80 -39.93 N | 82.13 5.37 -31.41 N |
| EAST_RIVER___1 323558 | 15.83 1.05 0.00 N | 51.51 3.29 -0.66 N | 165.64 -0.38 -172.44 N | 44.50 1.58 -16.84 N | 25.12 1.52 0.00 N | 50.88 3.38 0.00 N | 125.56 8.16 0.00 N | 132.71 8.77 0.00 N | 95.90 7.39 0.00 N | 96.87 7.46 0.00 N | 99.21 7.96 0.00 N | 97.99 7.95 0.00 N | 97.09 7.68 0.00 N | 93.82 7.45 0.00 N | 95.77 7.75 0.00 N | 89.05 7.32 0.00 N | 94.59 7.70 0.00 N | 93.91 7.69 0.00 N | 97.66 8.04 0.00 N | 104.68 8.16 0.00 N | 95.68 7.00 0.00 N | 63.81 4.55 0.00 N | 52.42 3.45 0.00 N | 48.58 3.22 0.00 N |
| EAST_RIVER___2 323559 | 15.78 1.01 0.00 N | 51.36 3.14 -0.66 N | 165.66 -0.36 -172.44 N | 44.42 1.50 -16.84 N | 25.05 1.46 0.00 N | 50.79 3.29 0.00 N | 125.28 7.88 0.00 N | 132.24 8.30 0.00 N | 95.57 7.07 0.00 N | 96.51 7.11 0.00 N | 98.84 7.58 0.00 N | 97.76 7.71 0.00 N | 96.97 7.56 0.00 N | 93.71 7.35 0.00 N | 95.74 7.72 0.00 N | 88.86 7.12 0.00 N | 94.26 7.37 0.00 N | 93.58 7.37 0.00 N | 97.47 7.85 0.00 N | 104.49 7.97 0.00 N | 95.52 6.85 0.00 N | 63.70 4.44 0.00 N | 52.33 3.37 0.00 N | 48.49 3.14 0.00 N |
| ELEC_TRO_TEK 24086 | 62.56 1.21 -46.57 N | 82.82 3.69 -31.57 N | 168.42 -0.35 -175.20 N | 47.70 1.64 -19.99 N | 58.84 1.71 -33.53 N | 70.33 3.64 -19.19 N | 124.59 7.18 0.00 N | 131.15 7.21 0.00 N | 95.29 6.78 0.00 N | 95.99 6.58 0.00 N | 98.39 7.13 0.00 N | 97.18 7.14 0.00 N | 96.35 6.94 0.00 N | 93.80 7.10 -0.33 N | 94.92 6.90 0.00 N | 88.53 6.80 0.00 N | 93.90 7.02 0.00 N | 93.58 7.37 0.00 N | 97.29 7.64 -0.02 N | 104.29 7.78 0.00 N | 95.48 6.80 0.00 N | 88.19 4.78 -24.15 N | 92.64 3.75 -39.93 N | 80.22 3.46 -31.41 N |
| E_CANADA_CAP_HY 24051 | 15.27 0.50 0.00 N | 49.75 1.31 -0.89 N | 223.05 -0.13 -229.61 N | 49.21 0.71 -22.42 N | 24.27 0.67 0.00 N | 48.95 1.45 0.00 N | 121.78 4.38 0.00 N | 129.73 5.78 0.00 N | 92.40 3.89 0.00 N | 93.54 4.13 0.00 N | 95.49 4.24 0.00 N | 94.36 4.32 0.00 N | 94.35 4.94 0.00 N | 91.33 4.96 0.00 N | 92.89 4.87 0.00 N | 86.51 4.77 0.00 N | 92.35 5.47 0.00 N | 89.58 3.36 0.00 N | 93.70 4.08 0.00 N | 101.12 4.61 0.00 N | 92.89 4.21 0.00 N | 61.58 2.32 0.00 N | 50.77 1.81 0.00 N | 46.17 0.81 0.00 N |
| E_CANADA_MHWK_HY 24050 | 15.16 0.38 0.00 N | 48.95 1.42 0.02 N | -11.64 -0.21 5.00 N | 26.33 0.74 0.49 N | 24.25 0.66 0.00 N | 49.06 1.56 0.00 N | 122.00 4.60 0.00 N | 128.75 4.80 0.00 N | 92.06 3.55 0.00 N | 92.83 3.42 0.00 N | 94.80 3.54 0.00 N | 93.43 3.39 0.00 N | 92.31 2.91 0.00 N | 88.85 2.48 0.00 N | 90.71 2.69 0.00 N | 84.22 2.49 0.00 N | 89.53 2.64 0.00 N | 89.58 3.37 0.00 N | 93.51 3.89 0.00 N | 100.63 4.12 0.00 N | 92.25 3.57 0.00 N | 61.51 2.25 0.00 N | 50.57 1.61 0.00 N | 46.88 1.53 0.00 N |
| E_FISHKILL___LBMP 23776 | 15.69 0.92 0.00 N | 51.20 2.95 -0.69 N | 171.29 -0.35 -178.07 N | 44.89 1.43 -17.39 N | 24.94 1.34 0.00 N | 50.45 2.95 0.00 N | 124.29 6.89 0.00 N | 131.16 7.22 0.00 N | 94.53 6.03 0.00 N | 95.37 5.96 0.00 N | 97.59 6.34 0.00 N | 96.38 6.34 0.00 N | 95.62 6.21 0.00 N | 92.31 5.94 0.00 N | 94.23 6.20 0.00 N | 87.58 5.85 0.00 N | 93.01 6.12 0.00 N | 92.45 6.23 0.00 N | 96.04 6.42 0.00 N | 102.98 6.47 0.00 N | 94.38 5.70 0.00 N | 63.03 3.77 0.00 N | 51.87 2.91 0.00 N | 48.13 2.78 0.00 N |
| FAR ROCKAWAY___4 23548 | 63.10 1.75 -46.57 N | 83.29 5.04 -30.70 N | 167.63 -0.40 -174.45 N | 47.61 2.39 -19.14 N | 50.45 2.39 -24.47 N | 66.08 4.58 -14.00 N | 126.06 8.66 0.00 N | 133.36 9.41 0.00 N | 98.19 9.68 0.00 N | 99.11 9.71 0.00 N | 102.16 10.90 0.00 N | 100.79 10.75 0.00 N | 99.87 10.46 0.00 N | 97.22 10.52 -0.33 N | 98.14 10.12 0.00 N | 91.41 9.68 0.00 N | 96.73 9.84 0.00 N | 96.38 10.17 0.00 N | 100.57 10.92 -0.02 N | 106.24 9.73 0.00 N | 97.67 9.00 0.00 N | 89.50 6.08 -24.15 N | 93.91 5.02 -39.93 N | 81.65 4.89 -31.41 N |
| FARRAGUT___LBMP 323566 | 15.79 1.02 0.00 N | 51.43 3.21 -0.66 N | 165.65 -0.37 -172.44 N | 44.45 1.54 -16.84 N | 25.08 1.48 0.00 N | 50.81 3.31 0.00 N | 125.40 8.00 0.00 N | 132.49 8.55 0.00 N | 95.71 7.21 0.00 N | 96.68 7.27 0.00 N | 99.00 7.74 0.00 N | 97.81 7.76 0.00 N | 96.92 7.51 0.00 N | 93.65 7.28 0.00 N | 95.62 7.60 0.00 N | 88.90 7.17 0.00 N | 94.43 7.54 0.00 N | 93.73 7.52 0.00 N | 97.50 7.88 0.00 N | 104.53 8.02 0.00 N | 95.57 6.90 0.00 N | 63.75 4.50 0.00 N | 52.37 3.41 0.00 N | 48.53 3.18 0.00 N |
| FENNER___WINDPWR 24204 | 14.72 -0.06 0.00 N | 47.25 -0.32 -0.02 N | -2.01 0.04 -4.37 N | 26.43 -0.08 -0.43 N | 23.55 -0.05 0.00 N | 47.35 -0.15 0.00 N | 117.94 0.54 0.00 N | 125.17 1.22 0.00 N | 89.13 0.62 0.00 N | 90.21 0.80 0.00 N | 92.07 0.81 0.00 N | 90.81 0.76 0.00 N | 90.06 0.66 0.00 N | 87.05 0.68 0.00 N | 88.64 0.62 0.00 N | 82.22 0.49 0.00 N | 87.38 0.49 0.00 N | 86.67 0.45 0.00 N | 90.49 0.87 0.00 N | 97.64 1.13 0.00 N | 89.54 0.86 0.00 N | 59.62 0.36 0.00 N | 49.15 0.19 0.00 N | 45.41 0.06 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------------|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|---|
| FIBERTEK____ENERGY 23856 | 14.58 -0.19 0.00 N | 46.89 -0.74 -0.06 N | 10.22 0.09 -16.56 N | 27.35 -0.35 -1.62 N | 23.30 -0.29 0.00 N | 46.82 -0.69 0.00 N | 116.34 -1.06 0.00 N | 123.05 -0.90 0.00 N | 87.81 -0.69 0.00 N | 88.88 -0.53 0.00 N | 90.66 -0.59 0.00 N | 89.36 -0.67 0.00 N | 88.70 -0.71 0.00 N | 85.79 -0.58 0.00 N | 87.32 -0.70 0.00 N | 81.01 -0.72 0.00 N | 86.23 -0.65 0.00 N | 85.49 -0.72 0.00 N | 89.14 -0.48 0.00 N | 96.21 -0.30 0.00 N | 88.30 -0.38 0.00 N | 58.85 -0.41 0.00 N | 48.55 -0.41 0.00 N | 44.84 -0.52 0.00 N | |
| FITZPATRICK____ 23598 | 14.32 -0.45 0.00 N | 46.08 -1.51 -0.04 N | 4.09 0.20 -10.31 N | 26.30 -0.78 -1.01 N | 22.89 -0.70 0.00 N | 45.98 -1.52 0.00 N | 113.82 -3.58 0.00 N | 120.23 -3.72 0.00 N | 85.81 -2.70 0.00 N | 86.80 -2.61 0.00 N | 88.53 -2.72 0.00 N | 87.29 -2.75 0.00 N | 86.67 -2.73 0.00 N | 83.80 -2.57 0.00 N | 85.34 -2.68 0.00 N | 79.19 -2.54 0.00 N | 84.26 -2.62 0.00 N | 83.55 -2.66 0.00 N | 86.90 -2.72 0.00 N | 93.77 -2.74 0.00 N | 86.18 -2.50 0.00 N | 57.53 -1.73 0.00 N | 47.58 -1.38 0.00 N | 43.98 -1.37 0.00 N | |
| FORT ORANGE____ 23900 | 15.43 0.66 0.00 N | 50.67 2.31 -0.81 N | 203.19 -0.31 -209.93 N | 47.75 1.17 -20.50 N | 24.63 1.03 0.00 N | 49.76 2.25 0.00 N | 122.74 5.33 0.00 N | 129.47 5.53 0.00 N | 92.72 4.21 0.00 N | 93.44 4.03 0.00 N | 95.52 4.26 0.00 N | 94.24 4.19 0.00 N | 93.68 4.27 0.00 N | 90.23 3.86 0.00 N | 92.21 4.19 0.00 N | 85.66 3.93 0.00 N | 90.93 4.04 0.00 N | 90.43 4.22 0.00 N | 93.91 4.29 0.00 N | 100.67 4.16 0.00 N | 92.49 3.81 0.00 N | 61.82 2.56 0.00 N | 50.98 2.02 0.00 N | 47.29 1.94 0.00 N | |
| FORT_DRUM_COGEN 23780 | 14.28 -0.49 0.00 N | 45.67 -1.90 -0.02 N | -2.11 0.25 -4.06 N | 25.60 -0.88 -0.40 N | 22.79 -0.80 0.00 N | 46.01 -1.49 0.00 N | 115.57 -1.83 0.00 N | 123.36 -0.58 0.00 N | 86.83 -1.68 0.00 N | 88.30 -1.11 0.00 N | 89.98 -1.28 0.00 N | 88.68 -1.36 0.00 N | 87.73 -1.68 0.00 N | 84.84 -1.53 0.00 N | 86.20 -1.82 0.00 N | 79.91 -1.82 0.00 N | 85.03 -1.85 0.00 N | 84.37 -1.84 0.00 N | 88.57 -1.05 0.00 N | 95.64 -0.87 0.00 N | 87.66 -1.02 0.00 N | 58.29 -0.97 0.00 N | 47.92 -1.04 0.00 N | 44.16 -1.19 0.00 N | |
| FPL_FAR_ROCK_GT1 24212 | 63.10 1.75 -46.57 N | 83.29 5.04 -30.70 N | 167.63 -0.40 -174.45 N | 47.61 2.39 -19.14 N | 50.45 2.39 -24.47 N | 66.08 4.58 -14.00 N | 126.06 8.66 0.00 N | 133.36 9.41 0.00 N | 98.19 9.68 0.00 N | 99.11 9.71 0.00 N | 102.16 10.90 0.00 N | 100.79 10.75 0.00 N | 99.87 10.46 0.00 N | 97.22 10.52 -0.33 N | 98.14 10.12 0.00 N | 91.41 9.68 0.00 N | 96.73 9.84 0.00 N | 96.38 10.17 0.00 N | 100.57 10.92 -0.02 N | 106.24 9.73 0.00 N | 97.67 9.00 0.00 N | 89.50 6.08 -24.15 N | 93.91 5.02 -39.93 N | 81.65 4.89 -31.41 N | |
| FPL_FAR_ROCK_GT2 23815 | 63.10 1.75 -46.57 N | 83.29 5.04 -30.70 N | 167.63 -0.40 -174.45 N | 47.61 2.39 -19.14 N | 50.45 2.39 -24.47 N | 66.08 4.58 -14.00 N | 126.06 8.66 0.00 N | 133.36 9.41 0.00 N | 98.19 9.68 0.00 N | 99.11 9.71 0.00 N | 102.16 10.90 0.00 N | 100.79 10.75 0.00 N | 99.87 10.46 0.00 N | 97.22 10.52 -0.33 N | 98.14 10.12 0.00 N | 91.41 9.68 0.00 N | 96.73 9.84 0.00 N | 96.38 10.17 0.00 N | 100.57 10.92 -0.02 N | 106.24 9.73 0.00 N | 97.67 9.00 0.00 N | 89.50 6.08 -24.15 N | 93.91 5.02 -39.93 N | 81.65 4.89 -31.41 N | |
| FRANKLIN_FALL_HYD 24054 | 13.67 -1.10 0.00 N | 43.32 -4.21 0.03 N | -14.65 0.53 8.75 N | 23.75 -1.48 0.85 N | 22.09 -1.50 0.00 N | 44.24 -3.26 0.00 N | 110.24 -7.16 0.00 N | 118.89 -5.06 0.00 N | 80.58 -7.93 0.00 N | 82.55 -6.86 0.00 N | 84.00 -7.26 0.00 N | 82.67 -7.37 0.00 N | 81.27 -8.13 0.00 N | 78.70 -7.67 0.00 N | 79.89 -8.12 0.00 N | 74.19 -7.54 0.00 N | 79.13 -7.75 0.00 N | 78.35 -7.87 0.00 N | 81.87 -7.75 0.00 N | 88.54 -7.97 0.00 N | 82.39 -6.29 0.00 N | 55.23 -4.03 0.00 N | 46.04 -2.92 0.00 N | 42.50 -2.85 0.00 N | |
| FREEPORT_EQUS_GT1 23764 | 62.83 1.48 -46.57 N | 84.37 4.44 -32.38 N | 169.04 -0.41 -175.88 N | 48.88 2.03 -20.78 N | 67.60 2.11 -41.89 N | 75.76 4.28 -23.97 N | 125.73 8.33 0.00 N | 131.92 8.45 0.47 N | 96.70 8.19 0.00 N | 97.42 8.01 0.00 N | 100.09 8.83 0.00 N | 98.78 8.74 0.00 N | 97.93 8.52 0.00 N | 95.38 8.68 -0.33 N | 96.06 8.04 0.00 N | 89.58 7.84 0.00 N | 94.99 8.11 0.00 N | 94.70 8.49 0.00 N | 98.62 8.98 -0.02 N | 105.40 8.89 0.00 N | 96.69 8.02 0.00 N | 89.26 5.84 -24.15 N | 93.49 4.60 -39.93 N | 80.96 4.20 -31.41 N | |
| FULTON COGEN____ 23766 | 14.46 -0.32 0.00 N | 46.53 -1.08 -0.05 N | 6.52 0.14 -12.81 N | 26.76 -0.57 -1.25 N | 23.10 -0.49 0.00 N | 46.48 -1.03 0.00 N | 115.36 -2.04 0.00 N | 122.02 -1.93 0.00 N | 87.13 -1.38 0.00 N | 88.18 -1.23 0.00 N | 89.93 -1.32 0.00 N | 88.68 -1.36 0.00 N | 88.02 -1.39 0.00 N | 85.13 -1.24 0.00 N | 86.66 -1.36 0.00 N | 80.41 -1.33 0.00 N | 85.56 -1.33 0.00 N | 84.82 -1.39 0.00 N | 88.41 -1.21 0.00 N | 95.43 -1.08 0.00 N | 87.61 -1.07 0.00 N | 58.40 -0.86 0.00 N | 48.20 -0.76 0.00 N | 44.51 -0.84 0.00 N | |
| Freeport____CT2 23818 | 62.83 1.48 -46.57 N | 84.37 4.44 -32.38 N | 169.04 -0.41 -175.88 N | 48.88 2.03 -20.78 N | 67.60 2.11 -41.89 N | 75.76 4.28 -23.97 N | 125.73 8.33 0.00 N | 131.92 8.45 0.47 N | 96.70 8.19 0.00 N | 97.42 8.01 0.00 N | 100.09 8.83 0.00 N | 98.78 8.74 0.00 N | 97.93 8.52 0.00 N | 95.38 8.68 -0.33 N | 96.06 8.04 0.00 N | 89.58 7.84 0.00 N | 94.99 8.11 0.00 N | 94.70 8.49 0.00 N | 98.62 8.98 -0.02 N | 105.40 8.89 0.00 N | 96.69 8.02 0.00 N | 89.26 5.84 -24.15 N | 93.49 4.60 -39.93 N | 80.96 4.20 -31.41 N | |
| G.F.CEMENT____DRP 24184 | 15.24 0.47 0.00 N | 50.30 1.89 -0.85 N | 213.22 -0.28 -219.93 N | 48.51 0.96 -21.48 N | 24.35 0.76 0.00 N | 49.38 1.88 0.00 N | 122.05 4.65 0.00 N | 128.81 4.87 0.00 N | 91.96 3.45 0.00 N | 92.02 2.61 0.00 N | 94.27 3.01 0.00 N | 92.89 2.85 0.00 N | 93.14 3.73 0.00 N | 89.17 2.80 0.00 N | 91.37 3.35 0.00 N | 84.89 3.15 0.00 N | 90.14 3.26 0.00 N | 89.96 3.74 0.00 N | 92.94 3.32 0.00 N | 99.63 3.12 0.00 N | 91.94 3.26 0.00 N | 61.30 2.04 0.00 N | 50.61 1.65 0.00 N | 46.81 1.46 0.00 N | |
| GARDENVILLE____LBMP 24039 | 13.75 -1.02 0.00 N | 44.34 -3.33 -0.11 N | 22.70 0.38 -28.74 N | 27.35 -1.54 -2.81 N | 22.20 -1.39 0.00 N | 43.82 -3.68 0.00 N | 108.67 -8.73 0.00 N | 113.88 -10.07 0.00 N | 80.97 -7.54 0.00 N | 82.59 -6.82 0.00 N | 83.67 -7.59 0.00 N | 82.20 -7.83 0.00 N | 81.56 -7.85 0.00 N | 79.54 -6.83 0.00 N | 80.70 -7.32 0.00 N | 74.82 -6.91 0.00 N | 80.29 -6.60 0.00 N | 79.01 -7.20 0.00 N | 82.32 -7.30 0.00 N | 89.82 -6.69 0.00 N | 82.80 -5.88 0.00 N | 55.37 -3.90 0.00 N | 46.50 -2.46 0.00 N | 42.59 -2.77 0.00 N | |
| GENERAL____MILLS 23808 | 13.80 -0.97 0.00 N | 44.46 -3.21 -0.11 N | 22.68 0.37 -28.74 N | 27.42 -1.47 -2.81 N | 22.26 -1.33 0.00 N | 43.96 -3.55 0.00 N | 108.93 -8.47 0.00 N | 114.21 -9.73 0.00 N | 81.21 -7.30 0.00 N | 82.85 -6.56 0.00 N | 83.92 -7.34 0.00 N | 82.43 -7.61 0.00 N | 81.81 -7.60 0.00 N | 79.77 -6.60 0.00 N | 80.92 -7.09 0.00 N | 75.04 -6.70 0.00 N | 80.51 -6.38 0.00 N | 79.24 -6.97 0.00 N | 82.53 -7.09 0.00 N | 90.09 -6.42 0.00 N | 83.09 -5.59 0.00 N | 55.57 -3.69 0.00 N | 46.67 -2.30 0.00 N | 42.73 -2.62 0.00 N | |
| GE_PLASTICS____DRP | 15.21 | 49.95 | 205.48 | 47.58 | 24.28 | 49.01 | 120.68 | 127.23 | 91.02 | 91.69 | 93.75 | 92.52 | 91.98 | 88.59 | 90.51 | 84.06 | 89.08 | 88.26 | 91.60 | 98.23 | 90.32 | 60.44 | 49.90 | 46.34 | |

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| 24183 | 0.44 0.00 N | 1.57 -0.82 N | -0.21 -212.12 N | 0.79 -20.71 N | 0.68 0.00 N | 1.51 0.00 N | 3.28 0.00 N | 3.29 0.00 N | 2.52 0.00 N | 2.28 0.00 N | 2.49 0.00 N | 2.48 0.00 N | 2.57 0.00 N | 2.22 0.00 N | 2.49 0.00 N | 2.33 0.00 N | 2.19 0.00 N | 2.05 0.00 N | 1.98 0.00 N | 1.72 0.00 N | 1.64 0.00 N | 1.18 0.00 N | 0.94 0.00 N | 0.99 0.00 N |
| GILBOA___1 23756 | 15.26 0.49 0.00 N | 49.89 1.69 -0.64 N | 159.54 -0.23 -166.20 N | 43.17 0.86 -16.23 N | 24.38 0.78 0.00 N | 49.07 1.57 0.00 N | 120.55 3.15 0.00 N | 127.03 3.09 0.00 N | 90.83 2.32 0.00 N | 91.41 2.00 0.00 N | 93.40 2.14 0.00 N | 92.23 2.19 0.00 N | 91.80 2.39 0.00 N | 88.58 2.21 0.00 N | 90.35 2.33 0.00 N | 83.94 2.20 0.00 N | 89.09 2.21 0.00 N | 88.49 2.28 0.00 N | 91.70 2.08 0.00 N | 98.50 1.99 0.00 N | 90.65 1.98 0.00 N | 60.74 1.48 0.00 N | 50.18 1.22 0.00 N | 46.72 1.37 0.00 N |
| GILBOA___2 23757 | 15.26 0.49 0.00 N | 49.89 1.69 -0.64 N | 159.54 -0.23 -166.20 N | 43.17 0.86 -16.23 N | 24.38 0.78 0.00 N | 49.07 1.57 0.00 N | 120.55 3.15 0.00 N | 127.03 3.09 0.00 N | 90.83 2.32 0.00 N | 91.41 2.00 0.00 N | 93.40 2.14 0.00 N | 92.23 2.19 0.00 N | 91.80 2.39 0.00 N | 88.58 2.21 0.00 N | 90.35 2.33 0.00 N | 83.94 2.20 0.00 N | 89.09 2.21 0.00 N | 88.49 2.28 0.00 N | 91.70 2.08 0.00 N | 98.50 1.99 0.00 N | 90.65 1.98 0.00 N | 60.74 1.48 0.00 N | 50.18 1.22 0.00 N | 46.72 1.37 0.00 N |
| GILBOA___3 23758 | 15.26 0.49 0.00 N | 49.89 1.69 -0.64 N | 159.54 -0.23 -166.20 N | 43.17 0.86 -16.23 N | 24.38 0.78 0.00 N | 49.07 1.57 0.00 N | 120.55 3.15 0.00 N | 127.03 3.09 0.00 N | 90.83 2.32 0.00 N | 91.41 2.00 0.00 N | 93.40 2.14 0.00 N | 92.23 2.19 0.00 N | 91.80 2.39 0.00 N | 88.58 2.21 0.00 N | 90.35 2.33 0.00 N | 83.94 2.20 0.00 N | 89.09 2.21 0.00 N | 88.49 2.28 0.00 N | 91.70 2.08 0.00 N | 98.50 1.99 0.00 N | 90.65 1.98 0.00 N | 60.74 1.48 0.00 N | 50.18 1.22 0.00 N | 46.72 1.37 0.00 N |
| GILBOA___4 23759 | 15.26 0.49 0.00 N | 49.89 1.69 -0.64 N | 159.54 -0.23 -166.20 N | 43.17 0.86 -16.23 N | 24.38 0.78 0.00 N | 49.07 1.57 0.00 N | 120.55 3.15 0.00 N | 127.03 3.09 0.00 N | 90.83 2.32 0.00 N | 91.41 2.00 0.00 N | 93.40 2.14 0.00 N | 92.23 2.19 0.00 N | 91.80 2.39 0.00 N | 88.58 2.21 0.00 N | 90.35 2.33 0.00 N | 83.94 2.20 0.00 N | 89.09 2.21 0.00 N | 88.49 2.28 0.00 N | 91.70 2.08 0.00 N | 98.50 1.99 0.00 N | 90.65 1.98 0.00 N | 60.74 1.48 0.00 N | 50.18 1.22 0.00 N | 46.72 1.37 0.00 N |
| GILBOA____ 23599 | 15.26 0.49 0.00 N | 49.89 1.69 -0.64 N | 159.54 -0.23 -166.20 N | 43.17 0.86 -16.23 N | 24.38 0.78 0.00 N | 49.07 1.57 0.00 N | 120.55 3.15 0.00 N | 127.03 3.09 0.00 N | 90.83 2.32 0.00 N | 91.41 2.00 0.00 N | 93.40 2.14 0.00 N | 92.23 2.19 0.00 N | 91.80 2.39 0.00 N | 88.58 2.21 0.00 N | 90.35 2.33 0.00 N | 83.94 2.20 0.00 N | 89.09 2.21 0.00 N | 88.49 2.28 0.00 N | 91.70 2.08 0.00 N | 98.50 1.99 0.00 N | 90.65 1.98 0.00 N | 60.74 1.48 0.00 N | 50.18 1.22 0.00 N | 46.72 1.37 0.00 N |
| GINNA____ 23603 | 13.72 -1.05 0.00 N | 44.04 -3.59 -0.08 N | 13.72 0.46 -19.68 N | 26.23 -1.78 -1.92 N | 22.00 -1.60 0.00 N | 43.93 -3.58 0.00 N | 109.01 -8.39 0.00 N | 115.34 -8.60 0.00 N | 82.13 -6.38 0.00 N | 83.55 -5.85 0.00 N | 84.91 -6.35 0.00 N | 83.57 -6.47 0.00 N | 82.90 -6.51 0.00 N | 80.52 -5.85 0.00 N | 81.69 -6.33 0.00 N | 75.68 -6.05 0.00 N | 80.85 -6.04 0.00 N | 79.90 -6.31 0.00 N | 83.31 -6.31 0.00 N | 90.57 -5.94 0.00 N | 83.42 -5.25 0.00 N | 55.64 -3.63 0.00 N | 46.20 -2.77 0.00 N | 42.27 -3.08 0.00 N |
| GLEN PARK____ 23778 | 14.28 -0.50 0.00 N | 45.69 -1.88 -0.02 N | -0.86 0.26 -5.31 N | 25.70 -0.90 -0.52 N | 22.79 -0.80 0.00 N | 46.04 -1.46 0.00 N | 115.68 -1.73 0.00 N | 123.45 -0.50 0.00 N | 87.06 -1.45 0.00 N | 88.52 -0.89 0.00 N | 90.19 -1.06 0.00 N | 88.91 -1.13 0.00 N | 87.96 -1.45 0.00 N | 85.05 -1.32 0.00 N | 86.41 -1.61 0.00 N | 80.13 -1.61 0.00 N | 85.28 -1.61 0.00 N | 84.63 -1.58 0.00 N | 88.86 -0.76 0.00 N | 95.97 -0.54 0.00 N | 87.91 -0.77 0.00 N | 58.42 -0.84 0.00 N | 47.99 -0.97 0.00 N | 44.22 -1.13 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 62.60 1.25 -46.57 N | 82.22 3.86 -30.81 N | 167.72 -0.40 -174.55 N | 47.11 1.78 -19.25 N | 51.00 1.79 -25.61 N | 65.95 3.80 -14.66 N | 125.57 8.17 0.00 N | 132.40 8.46 0.00 N | 96.08 7.58 0.00 N | 96.92 7.52 0.00 N | 99.41 8.15 0.00 N | 98.15 8.11 0.00 N | 97.30 7.90 0.00 N | 94.58 7.88 -0.33 N | 95.84 7.82 0.00 N | 89.23 7.50 0.00 N | 94.71 7.83 0.00 N | 94.06 7.85 0.00 N | 97.87 8.23 -0.02 N | 104.96 8.45 0.00 N | 96.25 7.57 0.00 N | 88.59 5.18 -24.15 N | 92.93 4.04 -39.93 N | 80.47 3.70 -31.41 N |
| GLENWOOD_IC_2_G1 23688 | 62.49 1.14 -46.57 N | 79.42 3.53 -28.33 N | 165.64 -0.37 -172.44 N | 44.55 1.64 -16.84 N | 25.22 1.62 0.00 N | 50.98 3.48 0.00 N | 124.95 7.54 0.00 N | 131.78 7.84 0.00 N | 95.52 7.01 0.00 N | 96.37 6.96 0.00 N | 98.74 7.48 0.00 N | 97.50 7.46 0.00 N | 96.68 7.27 0.00 N | 93.92 7.22 -0.33 N | 95.26 7.24 0.00 N | 88.67 6.94 0.00 N | 94.13 7.25 0.00 N | 93.61 7.39 0.00 N | 97.37 7.72 -0.02 N | 104.36 7.85 0.00 N | 95.57 6.89 0.00 N | 88.09 4.67 -24.15 N | 92.50 3.61 -39.93 N | 80.14 3.38 -31.41 N |
| GLENWOOD_IC_3_G1 23689 | 62.49 1.14 -46.57 N | 79.42 3.53 -28.33 N | 165.64 -0.37 -172.44 N | 44.55 1.64 -16.84 N | 25.22 1.62 0.00 N | 50.98 3.48 0.00 N | 124.95 7.54 0.00 N | 131.78 7.84 0.00 N | 95.52 7.01 0.00 N | 96.37 6.96 0.00 N | 98.74 7.48 0.00 N | 97.50 7.46 0.00 N | 96.68 7.27 0.00 N | 93.92 7.22 -0.33 N | 95.26 7.24 0.00 N | 88.67 6.94 0.00 N | 94.13 7.25 0.00 N | 93.61 7.39 0.00 N | 97.37 7.72 -0.02 N | 104.36 7.85 0.00 N | 95.57 6.89 0.00 N | 88.09 4.67 -24.15 N | 92.50 3.61 -39.93 N | 80.14 3.38 -31.41 N |
| GLENWOOD____4 23550 | 62.61 1.26 -46.57 N | 82.23 3.86 -30.82 N | 167.73 -0.40 -174.55 N | 47.11 1.78 -19.25 N | 51.09 1.79 -25.70 N | 66.00 3.80 -14.71 N | 125.56 8.16 0.00 N | 132.40 8.46 0.00 N | 96.08 7.58 0.00 N | 96.92 7.52 0.00 N | 99.41 8.15 0.00 N | 98.15 8.11 0.00 N | 97.30 7.90 0.00 N | 94.58 7.88 -0.33 N | 95.84 7.82 0.00 N | 89.23 7.50 0.00 N | 94.72 7.83 0.00 N | 94.15 7.93 0.00 N | 97.93 8.28 -0.02 N | 105.03 8.52 0.00 N | 96.25 7.58 0.00 N | 88.60 5.18 -24.15 N | 92.93 4.04 -39.93 N | 80.47 3.70 -31.41 N |
| GLENWOOD____5 23614 | 62.61 1.26 -46.57 N | 82.23 3.86 -30.82 N | 167.73 -0.40 -174.55 N | 47.11 1.78 -19.25 N | 51.09 1.79 -25.70 N | 66.00 3.80 -14.71 N | 125.56 8.16 0.00 N | 132.40 8.46 0.00 N | 96.08 7.58 0.00 N | 96.92 7.52 0.00 N | 99.41 8.15 0.00 N | 98.15 8.11 0.00 N | 97.30 7.90 0.00 N | 94.58 7.88 -0.33 N | 95.84 7.82 0.00 N | 89.23 7.50 0.00 N | 94.72 7.83 0.00 N | 94.15 7.93 0.00 N | 97.93 8.28 -0.02 N | 105.03 8.52 0.00 N | 96.25 7.58 0.00 N | 88.60 5.18 -24.15 N | 92.93 4.04 -39.93 N | 80.47 3.70 -31.41 N |
| GLOBAL GREEN_PORT_GT1 23814 | 63.14 1.79 -46.57 N | 87.47 5.83 -34.09 N | 170.32 -0.59 -177.34 N | 51.19 2.67 -22.44 N | 86.01 2.83 -59.58 N | 87.00 5.40 -34.10 N | 126.11 8.71 0.00 N | 129.84 8.06 2.17 N | 96.27 7.75 0.00 N | 96.45 7.05 0.00 N | 100.53 9.27 0.00 N | 99.64 9.60 0.00 N | 98.68 9.27 0.00 N | 96.50 9.80 -0.33 N | 97.43 9.41 0.00 N | 91.13 9.39 0.00 N | 96.67 9.79 0.00 N | 96.64 10.42 0.00 N | 101.12 11.48 -0.02 N | 108.23 11.72 0.00 N | 99.17 10.49 0.00 N | 90.75 7.33 -24.15 N | 94.69 5.80 -39.93 N | 82.13 5.37 -31.41 N |

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|---------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|
| GOETHSLN___LBMP 323567 | 15.70 0.93 0.00 N | 51.15 2.93 -0.66 N | 165.68 -0.33 -172.44 N | 44.31 1.39 -16.84 N | 24.94 1.35 0.00 N | 50.55 3.05 0.00 N | 124.71 7.31 0.00 N | 131.80 7.86 0.00 N | 95.18 6.67 0.00 N | 96.13 6.72 0.00 N | 98.44 7.18 0.00 N | 97.27 7.22 0.00 N | 96.38 6.97 0.00 N | 93.13 6.76 0.00 N | 95.08 7.06 0.00 N | 88.38 6.64 0.00 N | 93.86 6.97 0.00 N | 93.20 6.99 0.00 N | 96.93 7.31 0.00 N | 103.93 7.42 0.00 N | 95.04 6.37 0.00 N | 63.37 4.11 0.00 N | 52.05 3.09 0.00 N | 48.23 2.88 0.00 N |
| GOUDEY___7 23579 | 14.43 -0.34 0.00 N | 46.64 -1.13 -0.21 N | 49.30 0.12 -55.61 N | 30.91 -0.60 -5.43 N | 23.10 -0.49 0.00 N | 46.31 -1.19 0.00 N | 115.25 -2.15 0.00 N | 120.71 -3.23 0.00 N | 86.18 -2.33 0.00 N | 87.11 -2.30 0.00 N | 88.85 -2.41 0.00 N | 87.56 -2.48 0.00 N | 86.96 -2.45 0.00 N | 84.09 -2.27 0.00 N | 85.87 -2.16 0.00 N | 79.78 -1.95 0.00 N | 85.01 -1.88 0.00 N | 84.16 -2.05 0.00 N | 88.03 -1.59 0.00 N | 94.81 -1.70 0.00 N | 86.69 -1.98 0.00 N | 57.78 -1.48 0.00 N | 47.80 -1.16 0.00 N | 44.41 -0.94 0.00 N |
| GOUDEY___8 23580 | 14.43 -0.34 0.00 N | 46.70 -1.08 -0.21 N | 49.29 0.11 -55.61 N | 30.92 -0.59 -5.43 N | 23.12 -0.47 0.00 N | 46.35 -1.16 0.00 N | 115.47 -1.93 0.00 N | 121.04 -2.91 0.00 N | 86.38 -2.13 0.00 N | 87.30 -2.11 0.00 N | 89.07 -2.19 0.00 N | 87.75 -2.29 0.00 N | 87.16 -2.25 0.00 N | 84.30 -2.07 0.00 N | 86.08 -1.94 0.00 N | 79.96 -1.78 0.00 N | 85.23 -1.66 0.00 N | 84.37 -1.85 0.00 N | 88.22 -1.40 0.00 N | 95.07 -1.44 0.00 N | 86.92 -1.76 0.00 N | 57.92 -1.34 0.00 N | 47.87 -1.09 0.00 N | 44.45 -0.90 0.00 N |
| GOWANUS_GT1_1 24077 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_2 24078 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_3 24079 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_4 24080 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_5 24084 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_6 24111 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_7 24112 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT1_8 24113 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT2_1 24114 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT2_2 24115 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT2_3 24116 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 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 |
|------------------------|----------------------------|-----------------------------|---------------------------------|------------------------------|----------------------------|----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|---|---|
| GOWANUS_GT2_4 24117 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT2_5 24118 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT2_6 24119 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT2_7 24120 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT2_8 24121 | 16.34 1.57 0.00 N | 53.11 4.89 -0.56 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_1 24122 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_2 24123 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_3 24124 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_4 24125 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_5 24126 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_6 24127 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_7 24128 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT3_8 24129 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N | | |
| GOWANUS_GT4_1 | 16.34 | 53.11 | 165.45 | 45.30 | 25.86 | 52.48 | 129.05 | 136.43 | 99.46 | 100.52 | 103.09 | 145.78 | 122.53 | 97.21 | 99.54 | 92.54 | 98.25 | 166.92 | 102.56 | 256.58 | 267.60 | 290.49 | 54.48 | 50.49 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|------------------------------|
| 24130 | 1.57 0.00 N | 4.89 -0.66 N | -0.56 -172.44 N | 2.38 -16.84 N | 2.27 0.00 N | 4.97 0.00 N | 11.65 0.00 N | 12.49 0.00 N | 10.95 0.00 N | 11.11 0.00 N | 11.83 0.00 N | 11.63 -44.11 N | 11.12 -22.01 N | 10.85 0.00 N | 11.52 0.00 N | 10.80 0.00 N | 11.37 0.00 N | 11.11 -69.61 N | 11.69 -1.25 N | 12.00 -148.07 N | 10.53 -168.40 N | 7.02 -224.22 N | 5.51 0.00 N | 5.14 0.00 N |
| GOWANUS_GT4_2 24131 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_3 24132 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_4 24133 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_5 24134 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_6 24135 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_7 24136 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GOWANUS_GT4_8 24137 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.43 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.49 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| GRAHMSVILLE___HY 23607 | 15.42 0.65 0.00 N | 50.22 2.11 -0.56 N | 137.95 -0.26 -144.64 N | 41.23 1.03 -14.12 N | 24.57 0.97 0.00 N | 49.59 2.09 0.00 N | 122.52 5.12 0.00 N | 129.13 5.19 0.00 N | 93.01 4.50 0.00 N | 93.88 4.47 0.00 N | 95.91 4.65 0.00 N | 94.71 4.67 0.00 N | 93.99 4.58 0.00 N | 90.81 4.44 0.00 N | 92.57 4.55 0.00 N | 85.93 4.20 0.00 N | 91.32 4.43 0.00 N | 90.72 4.50 0.00 N | 94.40 4.78 0.00 N | 101.51 5.00 0.00 N | 92.97 4.30 0.00 N | 62.11 2.85 0.00 N | 51.10 2.14 0.00 N | 47.39 2.03 0.00 N |
| GREENIDGE___3 23582 | 14.04 -0.74 0.00 N | 45.04 -2.65 -0.13 N | 27.63 0.32 -33.74 N | 28.17 -1.20 -3.30 N | 22.55 -1.05 0.00 N | 44.80 -2.70 0.00 N | 111.60 -5.80 0.00 N | 117.06 -6.89 0.00 N | 83.04 -5.47 0.00 N | 84.78 -4.63 0.00 N | 86.38 -4.88 0.00 N | 84.49 -5.34 0.00 N | 84.12 -5.28 0.00 N | 81.46 -4.91 0.00 N | 82.37 -5.65 0.00 N | 76.37 -5.36 0.00 N | 81.49 -5.39 0.00 N | 80.45 -5.77 0.00 N | 83.90 -5.72 0.00 N | 90.82 -5.69 0.00 N | 83.20 -5.48 0.00 N | 55.46 -3.80 0.00 N | 46.13 -2.83 0.00 N | 42.55 -2.81 0.00 N |
| GREENIDGE___4 23583 | 14.04 -0.74 0.00 N | 45.04 -2.65 -0.13 N | 27.63 0.32 -33.74 N | 28.17 -1.20 -3.30 N | 22.55 -1.05 0.00 N | 44.80 -2.70 0.00 N | 111.60 -5.80 0.00 N | 117.06 -6.89 0.00 N | 83.04 -5.47 0.00 N | 84.78 -4.63 0.00 N | 86.38 -4.88 0.00 N | 84.49 -5.34 0.00 N | 84.12 -5.28 0.00 N | 81.46 -4.91 0.00 N | 82.37 -5.65 0.00 N | 76.37 -5.36 0.00 N | 81.49 -5.39 0.00 N | 80.45 -5.77 0.00 N | 83.90 -5.72 0.00 N | 90.82 -5.69 0.00 N | 83.20 -5.48 0.00 N | 55.46 -3.80 0.00 N | 46.13 -2.83 0.00 N | 42.55 -2.81 0.00 N |
| HARZA MOOSE___RIVER 24016 | 14.67 -0.10 0.00 N | 47.06 -0.49 0.00 N | -6.37 0.06 0.00 N | 25.92 -0.16 0.00 N | 23.44 -0.16 0.00 N | 47.19 -0.31 0.00 N | 117.79 0.39 0.00 N | 125.28 1.33 0.00 N | 88.63 0.12 0.00 N | 89.88 0.47 0.00 N | 91.68 0.42 0.00 N | 90.41 0.37 0.00 N | 89.57 0.16 0.00 N | 86.58 0.21 0.00 N | 88.10 0.08 0.00 N | 81.67 -0.06 0.00 N | 86.57 -0.31 0.00 N | 85.90 -0.32 0.00 N | 89.86 0.24 0.00 N | 96.95 0.44 0.00 N | 88.85 0.18 0.00 N | 59.15 -0.11 0.00 N | 48.77 -0.19 0.00 N | 45.04 -0.31 0.00 N |
| HEMPSTEAD___ 23647 | 62.65 1.30 -46.57 N | 83.45 3.93 -31.97 N | 168.74 -0.37 -175.54 N | 48.22 1.77 -20.38 N | 63.11 1.85 -37.67 N | 72.88 3.82 -21.56 N | 124.98 7.58 0.00 N | 131.27 7.66 0.33 N | 95.82 7.31 0.00 N | 96.55 7.14 0.00 N | 99.07 7.81 0.00 N | 97.85 7.80 0.00 N | 97.00 7.59 0.00 N | 94.43 7.73 -0.33 N | 95.41 7.39 0.00 N | 88.95 7.22 0.00 N | 94.36 7.47 0.00 N | 93.98 7.77 0.00 N | 97.76 8.11 -0.02 N | 104.73 8.22 0.00 N | 96.00 7.32 0.00 N | 88.62 5.21 -24.15 N | 92.97 4.08 -39.93 N | 80.50 3.74 -31.41 N |
| HICKLING___1 23621 | 14.39 -0.39 0.00 N | 46.43 -1.30 -0.17 N | 38.05 0.11 -44.36 N | 29.79 -0.62 -4.33 N | 23.09 -0.50 0.00 N | 46.18 -1.32 0.00 N | 115.97 -1.43 0.00 N | 121.62 -2.32 0.00 N | 86.66 -1.84 0.00 N | 87.89 -1.52 0.00 N | 89.61 -1.65 0.00 N | 88.07 -1.97 0.00 N | 87.44 -1.97 0.00 N | 84.69 -1.68 0.00 N | 86.31 -1.71 0.00 N | 80.11 -1.63 0.00 N | 85.50 -1.39 0.00 N | 84.28 -1.94 0.00 N | 88.05 -1.57 0.00 N | 94.97 -1.54 0.00 N | 86.50 -2.17 0.00 N | 57.48 -1.78 0.00 N | 47.49 -1.47 0.00 N | 44.02 -1.33 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|
| HICKLING___2 23622 | 14.40 -0.38 0.00 N | 46.43 -1.30 -0.17 N | 38.04 0.11 -44.36 N | 29.80 -0.61 -4.33 N | 23.09 -0.50 0.00 N | 46.19 -1.31 0.00 N | 116.03 -1.37 0.00 N | 121.66 -2.28 0.00 N | 86.68 -1.83 0.00 N | 87.93 -1.48 0.00 N | 89.63 -1.63 0.00 N | 88.09 -1.95 0.00 N | 87.47 -1.94 0.00 N | 84.71 -1.66 0.00 N | 86.32 -1.70 0.00 N | 80.13 -1.60 0.00 N | 85.55 -1.34 0.00 N | 84.29 -1.92 0.00 N | 88.07 -1.55 0.00 N | 94.97 -1.54 0.00 N | 86.52 -2.16 0.00 N | 57.49 -1.77 0.00 N | 47.50 -1.46 0.00 N | 44.03 -1.32 0.00 N |
| HIGH FALLS___HY 23754 | 15.54 0.77 0.00 N | 50.66 2.46 -0.64 N | 159.78 -0.29 -166.51 N | 43.51 1.18 -16.26 N | 24.71 1.12 0.00 N | 49.95 2.46 0.00 N | 123.22 5.81 0.00 N | 129.89 5.94 0.00 N | 93.74 5.24 0.00 N | 94.61 5.20 0.00 N | 96.83 5.57 0.00 N | 95.66 5.62 0.00 N | 94.91 5.50 0.00 N | 91.68 5.32 0.00 N | 93.46 5.44 0.00 N | 86.74 5.01 0.00 N | 92.10 5.22 0.00 N | 91.57 5.36 0.00 N | 95.28 5.66 0.00 N | 102.37 5.85 0.00 N | 93.76 5.09 0.00 N | 62.64 3.38 0.00 N | 51.50 2.54 0.00 N | 47.81 2.45 0.00 N |
| HILLBURN___GT 23639 | 15.66 0.88 0.00 N | 50.97 2.79 -0.63 N | 155.69 -0.33 -162.45 N | 43.29 1.35 -15.86 N | 24.86 1.26 0.00 N | 50.30 2.80 0.00 N | 124.20 6.80 0.00 N | 131.11 7.17 0.00 N | 94.57 6.06 0.00 N | 95.42 6.01 0.00 N | 97.61 6.35 0.00 N | 96.44 6.40 0.00 N | 95.59 6.18 0.00 N | 92.37 6.00 0.00 N | 94.20 6.17 0.00 N | 87.58 5.85 0.00 N | 93.08 6.20 0.00 N | 92.44 6.23 0.00 N | 96.04 6.42 0.00 N | 103.18 6.67 0.00 N | 94.41 5.73 0.00 N | 62.99 3.73 0.00 N | 51.75 2.78 0.00 N | 47.99 2.64 0.00 N |
| HOLTSVILLE_IC_1 23690 | 62.70 1.35 -46.57 N | 85.93 4.28 -34.09 N | 170.54 -0.38 -177.34 N | 50.38 1.85 -22.45 N | 85.33 2.06 -59.67 N | 85.53 3.88 -34.15 N | 122.27 4.86 0.00 N | 125.83 4.00 2.12 N | 93.38 4.87 0.00 N | 93.56 4.15 0.00 N | 97.11 5.85 0.00 N | 96.19 6.15 0.00 N | 95.29 5.88 0.00 N | 93.23 6.53 -0.33 N | 94.06 6.04 0.00 N | 87.98 6.25 0.00 N | 93.22 6.33 0.00 N | 93.05 6.84 0.00 N | 96.95 7.31 0.00 N | 103.80 7.29 0.00 N | 95.29 6.62 0.00 N | 88.27 4.85 -24.15 N | 92.82 3.92 -39.93 N | 80.51 3.75 -31.41 N |
| HOLTSVILLE_IC_10 23699 | 62.78 1.43 -46.57 N | 86.13 4.50 -34.08 N | 170.50 -0.41 -177.33 N | 50.47 1.96 -22.43 N | 85.27 2.18 -59.49 N | 85.67 4.12 -34.05 N | 123.11 5.71 0.00 N | 126.63 4.97 2.28 N | 94.06 5.55 0.00 N | 94.29 4.88 0.00 N | 97.73 6.47 0.00 N | 96.76 6.72 0.00 N | 95.88 6.47 0.00 N | 93.79 7.09 -0.33 N | 94.62 6.60 0.00 N | 88.53 6.79 0.00 N | 93.80 6.92 0.00 N | 93.64 7.43 0.00 N | 97.61 7.97 0.00 N | 104.50 7.99 0.00 N | 95.92 7.24 0.00 N | 88.65 5.23 -24.15 N | 93.11 4.22 -39.93 N | 80.77 4.00 -31.41 N |
| HOLTSVILLE_IC_2 23691 | 62.70 1.35 -46.57 N | 85.93 4.28 -34.09 N | 170.54 -0.38 -177.34 N | 50.38 1.85 -22.45 N | 85.33 2.06 -59.67 N | 85.53 3.88 -34.15 N | 122.27 4.86 0.00 N | 125.83 4.00 2.12 N | 93.38 4.87 0.00 N | 93.56 4.15 0.00 N | 97.11 5.85 0.00 N | 96.19 6.15 0.00 N | 95.29 5.88 0.00 N | 93.23 6.53 -0.33 N | 94.06 6.04 0.00 N | 87.98 6.25 0.00 N | 93.22 6.33 0.00 N | 93.05 6.84 0.00 N | 96.95 7.31 0.00 N | 103.80 7.29 0.00 N | 95.29 6.62 0.00 N | 88.27 4.85 -24.15 N | 92.82 3.92 -39.93 N | 80.51 3.75 -31.41 N |
| HOLTSVILLE_IC_3 23692 | 62.70 1.35 -46.57 N | 85.93 4.28 -34.09 N | 170.54 -0.38 -177.34 N | 50.38 1.85 -22.45 N | 85.33 2.06 -59.67 N | 85.53 3.88 -34.15 N | 122.27 4.86 0.00 N | 125.83 4.00 2.12 N | 93.38 4.87 0.00 N | 93.56 4.15 0.00 N | 97.11 5.85 0.00 N | 96.19 6.15 0.00 N | 95.29 5.88 0.00 N | 93.23 6.53 -0.33 N | 94.06 6.04 0.00 N | 87.98 6.25 0.00 N | 93.22 6.33 0.00 N | 93.05 6.84 0.00 N | 96.95 7.31 0.00 N | 103.80 7.29 0.00 N | 95.29 6.62 0.00 N | 88.27 4.85 -24.15 N | 92.82 3.92 -39.93 N | 80.51 3.75 -31.41 N |
| HOLTSVILLE_IC_4 23693 | 62.70 1.35 -46.57 N | 85.93 4.28 -34.09 N | 170.54 -0.38 -177.34 N | 50.38 1.85 -22.45 N | 85.33 2.06 -59.67 N | 85.53 3.88 -34.15 N | 122.27 4.86 0.00 N | 125.83 4.00 2.12 N | 93.38 4.87 0.00 N | 93.56 4.15 0.00 N | 97.11 5.85 0.00 N | 96.19 6.15 0.00 N | 95.29 5.88 0.00 N | 93.23 6.53 -0.33 N | 94.06 6.04 0.00 N | 87.98 6.25 0.00 N | 93.22 6.33 0.00 N | 93.05 6.84 0.00 N | 96.95 7.31 0.00 N | 103.80 7.29 0.00 N | 95.29 6.62 0.00 N | 88.27 4.85 -24.15 N | 92.82 3.92 -39.93 N | 80.51 3.75 -31.41 N |
| HOLTSVILLE_IC_5 23694 | 62.70 1.35 -46.57 N | 85.93 4.28 -34.09 N | 170.54 -0.38 -177.34 N | 50.38 1.85 -22.45 N | 85.33 2.06 -59.67 N | 85.53 3.88 -34.15 N | 122.27 4.86 0.00 N | 125.83 4.00 2.12 N | 93.38 4.87 0.00 N | 93.56 4.15 0.00 N | 97.11 5.85 0.00 N | 96.19 6.15 0.00 N | 95.29 5.88 0.00 N | 93.23 6.53 -0.33 N | 94.06 6.04 0.00 N | 87.98 6.25 0.00 N | 93.22 6.33 0.00 N | 93.05 6.84 0.00 N | 96.95 7.31 0.00 N | 103.80 7.29 0.00 N | 95.29 6.62 0.00 N | 88.27 4.85 -24.15 N | 92.82 3.92 -39.93 N | 80.51 3.75 -31.41 N |
| HOLTSVILLE_IC_6 23695 | 62.78 1.43 -46.57 N | 86.13 4.50 -34.08 N | 170.50 -0.41 -177.33 N | 50.47 1.96 -22.43 N | 85.27 2.18 -59.49 N | 85.67 4.12 -34.05 N | 123.11 5.71 0.00 N | 126.63 4.97 2.28 N | 94.06 5.55 0.00 N | 94.29 4.88 0.00 N | 97.73 6.47 0.00 N | 96.76 6.72 0.00 N | 95.88 6.47 0.00 N | 93.79 7.09 -0.33 N | 94.62 6.60 0.00 N | 88.53 6.79 0.00 N | 93.80 6.92 0.00 N | 93.64 7.43 0.00 N | 97.61 7.97 0.00 N | 104.50 7.99 0.00 N | 95.92 7.24 0.00 N | 88.65 5.23 -24.15 N | 93.11 4.22 -39.93 N | 80.77 4.00 -31.41 N |
| HOLTSVILLE_IC_7 23696 | 62.78 1.43 -46.57 N | 86.13 4.50 -34.08 N | 170.50 -0.41 -177.33 N | 50.47 1.96 -22.43 N | 85.27 2.18 -59.49 N | 85.67 4.12 -34.05 N | 123.11 5.71 0.00 N | 126.63 4.97 2.28 N | 94.06 5.55 0.00 N | 94.29 4.88 0.00 N | 97.73 6.47 0.00 N | 96.76 6.72 0.00 N | 95.88 6.47 0.00 N | 93.79 7.09 -0.33 N | 94.62 6.60 0.00 N | 88.53 6.79 0.00 N | 93.80 6.92 0.00 N | 93.64 7.43 0.00 N | 97.61 7.97 0.00 N | 104.50 7.99 0.00 N | 95.92 7.24 0.00 N | 88.65 5.23 -24.15 N | 93.11 4.22 -39.93 N | 80.77 4.00 -31.41 N |
| HOLTSVILLE_IC_8 23697 | 62.78 1.43 -46.57 N | 86.13 4.50 -34.08 N | 170.50 -0.41 -177.33 N | 50.47 1.96 -22.43 N | 85.27 2.18 -59.49 N | 85.67 4.12 -34.05 N | 123.11 5.71 0.00 N | 126.63 4.97 2.28 N | 94.06 5.55 0.00 N | 94.29 4.88 0.00 N | 97.73 6.47 0.00 N | 96.76 6.72 0.00 N | 95.88 6.47 0.00 N | 93.79 7.09 -0.33 N | 94.62 6.60 0.00 N | 88.53 6.79 0.00 N | 93.80 6.92 0.00 N | 93.64 7.43 0.00 N | 97.61 7.97 0.00 N | 104.50 7.99 0.00 N | 95.92 7.24 0.00 N | 88.65 5.23 -24.15 N | 93.11 4.22 -39.93 N | 80.77 4.00 -31.41 N |
| HOLTSVILLE_IC_9 23698 | 62.78 1.43 -46.57 N | 86.13 4.50 -34.08 N | 170.50 -0.41 -177.33 N | 50.47 1.96 -22.43 N | 85.27 2.18 -59.49 N | 85.67 4.12 -34.05 N | 123.11 5.71 0.00 N | 126.63 4.97 2.28 N | 94.06 5.55 0.00 N | 94.29 4.88 0.00 N | 97.73 6.47 0.00 N | 96.76 6.72 0.00 N | 95.88 6.47 0.00 N | 93.79 7.09 -0.33 N | 94.62 6.60 0.00 N | 88.53 6.79 0.00 N | 93.80 6.92 0.00 N | 93.64 7.43 0.00 N | 97.61 7.97 0.00 N | 104.50 7.99 0.00 N | 95.92 7.24 0.00 N | 88.65 5.23 -24.15 N | 93.11 4.22 -39.93 N | 80.77 4.00 -31.41 N |
| HQ_GEN_CEDARS 23644 | 14.09 -0.69 0.00 | 44.56 -2.96 0.03 | -14.82 0.36 8.75 | 24.48 -0.75 0.85 | 22.81 -0.79 0.00 | 45.75 -1.75 0.00 | 112.89 -4.51 0.00 | 122.04 -1.91 0.00 | 82.86 -5.65 0.00 | 85.10 -4.31 0.00 | 86.63 -4.62 0.00 | 85.26 -4.78 0.00 | 83.54 -5.87 0.00 | 80.89 -5.48 0.00 | 81.98 -6.04 0.00 | 76.12 -5.62 0.00 | 81.37 -5.52 0.00 | 80.55 -5.67 0.00 | 84.22 -5.40 0.00 | 91.24 -5.27 0.00 | 84.64 -4.04 0.00 | 56.85 -2.41 0.00 | 47.16 -1.80 0.00 | 43.39 -1.97 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 |
|---------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| HQ_GEN_CHAT DC 23651 | 14.78 0.00 0.00 N | 33.21 0.00 -10.17 N | -6.43 0.00 0.00 N | 26.08 0.00 0.00 N | 23.59 0.00 0.00 N | 47.50 0.00 0.00 N | 117.40 0.00 0.00 N | 123.94 0.00 0.00 N | 78.30 0.00 14.79 N | 89.41 0.00 0.00 N | 91.26 0.00 0.00 N | 90.04 0.00 0.00 N | 89.41 0.00 0.00 N | 86.37 0.00 0.00 N | 88.02 0.00 0.00 N | 81.74 0.00 0.00 N | 86.89 0.00 0.00 N | 86.21 0.00 0.00 N | 89.62 0.00 0.00 N | 96.51 0.00 0.00 N | 106.06 0.00 -15.41 N | 59.26 0.00 0.00 N | 48.96 0.00 0.00 N | 45.35 0.00 0.00 N | |
| HUDSON AVE_GT_3 23810 | 15.82 1.04 0.00 N | 51.48 3.26 -0.66 N | 165.64 -0.38 -172.44 N | 44.48 1.56 -16.84 N | 25.10 1.51 0.00 N | 50.86 3.36 0.00 N | 125.54 8.14 0.00 N | 132.63 8.69 0.00 N | 95.85 7.34 0.00 N | 96.80 7.39 0.00 N | 99.14 7.88 0.00 N | 97.93 7.89 0.00 N | 97.05 7.64 0.00 N | 93.79 7.42 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.57 7.68 0.00 N | 93.87 7.66 0.00 N | 97.65 8.02 0.00 N | 104.68 8.16 0.00 N | 95.73 7.05 0.00 N | 63.83 4.57 0.00 N | 52.42 3.46 0.00 N | 48.59 3.23 0.00 N | |
| HUDSON AVE_GT_4 23540 | 15.82 1.04 0.00 N | 51.48 3.26 -0.66 N | 165.64 -0.38 -172.44 N | 44.48 1.56 -16.84 N | 25.10 1.51 0.00 N | 50.86 3.36 0.00 N | 125.54 8.14 0.00 N | 132.63 8.69 0.00 N | 95.85 7.34 0.00 N | 96.80 7.39 0.00 N | 99.14 7.88 0.00 N | 97.93 7.89 0.00 N | 97.05 7.64 0.00 N | 93.79 7.42 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.57 7.68 0.00 N | 93.87 7.66 0.00 N | 97.65 8.02 0.00 N | 104.68 8.16 0.00 N | 95.73 7.05 0.00 N | 63.83 4.57 0.00 N | 52.42 3.46 0.00 N | 48.59 3.23 0.00 N | |
| HUDSON AVE_GT_5 23657 | 15.82 1.04 0.00 N | 51.48 3.26 -0.66 N | 165.64 -0.38 -172.44 N | 44.48 1.56 -16.84 N | 25.10 1.51 0.00 N | 50.86 3.36 0.00 N | 125.54 8.14 0.00 N | 132.63 8.69 0.00 N | 95.85 7.34 0.00 N | 96.80 7.39 0.00 N | 99.14 7.88 0.00 N | 97.93 7.89 0.00 N | 97.05 7.64 0.00 N | 93.79 7.42 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.57 7.68 0.00 N | 93.87 7.66 0.00 N | 97.65 8.02 0.00 N | 104.68 8.16 0.00 N | 95.73 7.05 0.00 N | 63.83 4.57 0.00 N | 52.42 3.46 0.00 N | 48.59 3.23 0.00 N | |
| HUDSON_AVE_10 24168 | 15.81 1.04 0.00 N | 51.48 3.25 -0.66 N | 165.64 -0.38 -172.44 N | 44.47 1.55 -16.84 N | 25.09 1.49 0.00 N | 50.84 3.34 0.00 N | 125.58 8.17 0.00 N | 132.71 8.76 0.00 N | 95.84 7.33 0.00 N | 96.82 7.41 0.00 N | 99.16 7.90 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.74 7.72 0.00 N | 89.02 7.28 0.00 N | 94.52 7.64 0.00 N | 93.85 7.64 0.00 N | 97.63 8.01 0.00 N | 104.68 8.17 0.00 N | 95.71 7.03 0.00 N | 63.84 4.58 0.00 N | 52.42 3.46 0.00 N | 48.57 3.21 0.00 N | |
| HUNTLEY___63 23557 | 13.95 -0.83 0.00 N | 44.93 -2.73 -0.10 N | 20.13 0.31 -26.24 N | 27.45 -1.19 -2.56 N | 22.50 -1.10 0.00 N | 44.40 -3.10 0.00 N | 109.42 -7.98 0.00 N | 114.97 -8.97 0.00 N | 81.61 -6.90 0.00 N | 83.35 -6.06 0.00 N | 84.28 -6.98 0.00 N | 82.83 -7.20 0.00 N | 82.17 -7.24 0.00 N | 80.24 -6.13 0.00 N | 81.22 -6.79 0.00 N | 75.25 -6.49 0.00 N | 80.78 -6.10 0.00 N | 79.50 -6.71 0.00 N | 82.56 -7.06 0.00 N | 90.35 -6.16 0.00 N | 83.67 -5.01 0.00 N | 56.07 -3.20 0.00 N | 47.25 -1.72 0.00 N | 43.11 -2.24 0.00 N | |
| HUNTLEY___64 23558 | 13.95 -0.83 0.00 N | 44.93 -2.73 -0.10 N | 20.13 0.31 -26.24 N | 27.45 -1.19 -2.56 N | 22.50 -1.10 0.00 N | 44.40 -3.10 0.00 N | 109.42 -7.98 0.00 N | 114.97 -8.97 0.00 N | 81.61 -6.90 0.00 N | 83.35 -6.06 0.00 N | 84.28 -6.98 0.00 N | 82.83 -7.20 0.00 N | 82.17 -7.24 0.00 N | 80.24 -6.13 0.00 N | 81.22 -6.79 0.00 N | 75.25 -6.49 0.00 N | 80.78 -6.10 0.00 N | 79.50 -6.71 0.00 N | 82.56 -7.06 0.00 N | 90.35 -6.16 0.00 N | 83.67 -5.01 0.00 N | 56.07 -3.20 0.00 N | 47.25 -1.72 0.00 N | 43.11 -2.24 0.00 N | |
| HUNTLEY___65 23559 | 13.95 -0.83 0.00 N | 44.93 -2.73 -0.10 N | 20.13 0.31 -26.24 N | 27.45 -1.19 -2.56 N | 22.50 -1.10 0.00 N | 44.40 -3.10 0.00 N | 109.42 -7.98 0.00 N | 114.97 -8.97 0.00 N | 81.61 -6.90 0.00 N | 83.35 -6.06 0.00 N | 84.28 -6.98 0.00 N | 82.83 -7.20 0.00 N | 82.17 -7.24 0.00 N | 80.24 -6.13 0.00 N | 81.22 -6.79 0.00 N | 75.25 -6.49 0.00 N | 80.78 -6.10 0.00 N | 79.50 -6.71 0.00 N | 82.56 -7.06 0.00 N | 90.35 -6.16 0.00 N | 83.67 -5.01 0.00 N | 56.07 -3.20 0.00 N | 47.25 -1.72 0.00 N | 43.11 -2.24 0.00 N | |
| HUNTLEY___66 23560 | 13.95 -0.83 0.00 N | 44.93 -2.73 -0.10 N | 20.13 0.31 -26.24 N | 27.45 -1.19 -2.56 N | 22.50 -1.10 0.00 N | 44.40 -3.10 0.00 N | 109.42 -7.98 0.00 N | 114.97 -8.97 0.00 N | 81.61 -6.90 0.00 N | 83.35 -6.06 0.00 N | 84.28 -6.98 0.00 N | 82.83 -7.20 0.00 N | 82.17 -7.24 0.00 N | 80.24 -6.13 0.00 N | 81.22 -6.79 0.00 N | 75.25 -6.49 0.00 N | 80.78 -6.10 0.00 N | 79.50 -6.71 0.00 N | 82.56 -7.06 0.00 N | 90.35 -6.16 0.00 N | 83.67 -5.01 0.00 N | 56.07 -3.20 0.00 N | 47.25 -1.72 0.00 N | 43.11 -2.24 0.00 N | |
| HUNTLEY___67 23561 | 13.75 -1.03 0.00 N | 44.28 -3.37 -0.10 N | 20.21 0.40 -26.24 N | 27.12 -1.52 -2.56 N | 22.19 -1.40 0.00 N | 43.72 -3.77 0.00 N | 107.74 -9.66 0.00 N | 113.09 -10.85 0.00 N | 80.42 -8.09 0.00 N | 82.12 -7.29 0.00 N | 83.07 -8.19 0.00 N | 81.61 -8.43 0.00 N | 80.99 -8.41 0.00 N | 79.08 -7.29 0.00 N | 80.07 -7.94 0.00 N | 74.23 -7.50 0.00 N | 79.68 -7.20 0.00 N | 78.40 -7.81 0.00 N | 81.38 -8.24 0.00 N | 89.01 -7.50 0.00 N | 82.37 -6.31 0.00 N | 55.20 -4.06 0.00 N | 46.53 -2.43 0.00 N | 42.50 -2.85 0.00 N | |
| HUNTLEY___68 23562 | 13.75 -1.03 0.00 N | 44.28 -3.37 -0.10 N | 20.21 0.40 -26.24 N | 27.12 -1.52 -2.56 N | 22.19 -1.40 0.00 N | 43.72 -3.77 0.00 N | 107.74 -9.66 0.00 N | 113.09 -10.85 0.00 N | 80.42 -8.09 0.00 N | 82.12 -7.29 0.00 N | 83.07 -8.19 0.00 N | 81.61 -8.43 0.00 N | 80.99 -8.41 0.00 N | 79.08 -7.29 0.00 N | 80.07 -7.94 0.00 N | 74.23 -7.50 0.00 N | 79.68 -7.20 0.00 N | 78.40 -7.81 0.00 N | 81.38 -8.24 0.00 N | 89.01 -7.50 0.00 N | 82.37 -6.31 0.00 N | 55.20 -4.06 0.00 N | 46.53 -2.43 0.00 N | 42.50 -2.85 0.00 N | |
| INDECK___CORINTH 23802 | 15.00 0.22 0.00 N | 49.50 1.09 -0.85 N | 214.89 -0.17 -221.49 N | 48.22 0.52 -21.63 N | 23.96 0.36 0.00 N | 48.60 1.10 0.00 N | 120.24 2.84 0.00 N | 127.01 3.07 0.00 N | 90.60 2.09 0.00 N | 90.39 0.98 0.00 N | 92.69 1.43 0.00 N | 91.36 1.32 0.00 N | 91.88 2.47 0.00 N | 87.88 1.51 0.00 N | 90.00 1.98 0.00 N | 83.62 1.89 0.00 N | 88.78 1.90 0.00 N | 88.61 2.40 0.00 N | 91.36 1.74 0.00 N | 98.14 1.63 0.00 N | 90.63 1.96 0.00 N | 60.37 1.11 0.00 N | 49.85 0.88 0.00 N | 46.06 0.70 0.00 N | |
| INDECK___ILION 23567 | 14.95 0.18 0.00 N | 48.19 0.65 0.02 N | -11.52 -0.10 5.00 N | 25.94 0.35 0.49 N | 23.91 0.31 0.00 N | 48.23 0.73 0.00 N | 119.55 2.15 0.00 N | 126.32 2.38 0.00 N | 90.19 1.68 0.00 N | 91.04 1.63 0.00 N | 92.97 1.71 0.00 N | 91.66 1.62 0.00 N | 90.85 1.44 0.00 N | 87.63 1.26 0.00 N | 89.36 1.34 0.00 N | 82.98 1.25 0.00 N | 88.19 1.30 0.00 N | 87.82 1.61 0.00 N | 91.48 1.86 0.00 N | 98.49 1.98 0.00 N | 90.40 1.72 0.00 N | 60.33 1.07 0.00 N | 49.74 0.78 0.00 N | 46.07 0.72 0.00 N | |
| INDECK___OLEAN | 13.89 | 44.89 | 24.77 | 27.77 | 22.44 | 44.43 | 111.88 | 116.77 | 83.13 | 84.69 | 86.02 | 84.41 | 83.75 | 81.50 | 83.05 | 77.06 | 82.70 | 81.46 | 85.68 | 93.05 | 85.02 | 56.55 | 47.02 | 43.30 | |

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| 23982 | -0.89 0.00 N | -2.79 -0.12 N | 0.27 -30.93 N | -1.33 -3.02 N | -1.16 0.00 N | -3.07 0.00 N | -5.52 0.00 N | -7.18 0.00 N | -5.38 0.00 N | -4.73 0.00 N | -5.24 0.00 N | -5.63 0.00 N | -5.65 0.00 N | -4.87 0.00 N | -4.98 0.00 N | -4.68 0.00 N | -4.19 0.00 N | -4.75 0.00 N | -3.94 0.00 N | -3.47 0.00 N | -3.65 0.00 N | -2.71 0.00 N | -1.95 0.00 N | -2.05 0.00 N |
| INDECK____OSWEGO 23783 | 14.40 -0.37 0.00 N | 46.32 -1.28 -0.05 N | 5.93 0.17 -12.18 N | 26.60 -0.67 -1.19 N | 23.00 -0.59 0.00 N | 46.26 -1.24 0.00 N | 114.75 -2.65 0.00 N | 121.33 -2.61 0.00 N | 86.59 -1.92 0.00 N | 87.64 -1.77 0.00 N | 89.39 -1.87 0.00 N | 88.15 -1.89 0.00 N | 87.48 -1.93 0.00 N | 84.61 -1.76 0.00 N | 86.13 -1.88 0.00 N | 79.91 -1.82 0.00 N | 85.05 -1.84 0.00 N | 84.32 -1.89 0.00 N | 87.83 -1.79 0.00 N | 94.77 -1.74 0.00 N | 87.05 -1.63 0.00 N | 58.06 -1.20 0.00 N | 47.93 -1.03 0.00 N | 44.29 -1.07 0.00 N |
| INDECK____YERKES 23781 | 13.95 -0.83 0.00 N | 44.93 -2.73 -0.10 N | 20.13 0.31 -26.24 N | 27.45 -1.19 -2.56 N | 22.50 -1.10 0.00 N | 44.40 -3.10 0.00 N | 109.42 -7.98 0.00 N | 114.97 -8.97 0.00 N | 81.61 -6.90 0.00 N | 83.35 -6.06 0.00 N | 84.28 -6.98 0.00 N | 82.83 -7.20 0.00 N | 82.17 -7.24 0.00 N | 80.24 -6.13 0.00 N | 81.22 -6.79 0.00 N | 75.25 -6.49 0.00 N | 80.78 -6.10 0.00 N | 79.50 -6.71 0.00 N | 82.56 -7.06 0.00 N | 90.35 -6.16 0.00 N | 83.67 -5.01 0.00 N | 56.07 -3.20 0.00 N | 47.25 -1.72 0.00 N | 43.11 -2.24 0.00 N |
| INDIAN POINT_GT_1 24139 | 15.66 0.89 0.00 N | 51.03 2.81 -0.66 N | 163.51 -0.32 -170.26 N | 44.05 1.34 -16.63 N | 24.86 1.27 0.00 N | 50.32 2.83 0.00 N | 124.08 6.68 0.00 N | 131.07 7.12 0.00 N | 94.56 6.05 0.00 N | 95.41 6.00 0.00 N | 97.63 6.37 0.00 N | 96.45 6.41 0.00 N | 95.62 6.21 0.00 N | 92.37 6.00 0.00 N | 94.23 6.20 0.00 N | 87.60 5.87 0.00 N | 93.07 6.18 0.00 N | 92.46 6.24 0.00 N | 96.08 6.46 0.00 N | 103.12 6.61 0.00 N | 94.39 5.71 0.00 N | 63.01 3.75 0.00 N | 51.79 2.83 0.00 N | 48.03 2.67 0.00 N |
| INDIAN POINT_GT_2 23659 | 15.66 0.89 0.00 N | 51.03 2.81 -0.66 N | 163.51 -0.32 -170.26 N | 44.05 1.34 -16.63 N | 24.86 1.27 0.00 N | 50.32 2.83 0.00 N | 124.08 6.68 0.00 N | 131.07 7.12 0.00 N | 94.56 6.05 0.00 N | 95.41 6.00 0.00 N | 97.63 6.37 0.00 N | 96.45 6.41 0.00 N | 95.62 6.21 0.00 N | 92.37 6.00 0.00 N | 94.23 6.20 0.00 N | 87.60 5.87 0.00 N | 93.07 6.18 0.00 N | 92.46 6.24 0.00 N | 96.08 6.46 0.00 N | 103.12 6.61 0.00 N | 94.39 5.71 0.00 N | 63.01 3.75 0.00 N | 51.79 2.83 0.00 N | 48.03 2.67 0.00 N |
| INDIAN POINT_GT_3 24019 | 15.66 0.89 0.00 N | 51.03 2.81 -0.66 N | 163.51 -0.32 -170.26 N | 44.05 1.34 -16.63 N | 24.86 1.27 0.00 N | 50.32 2.83 0.00 N | 124.08 6.68 0.00 N | 131.07 7.12 0.00 N | 94.56 6.05 0.00 N | 95.41 6.00 0.00 N | 97.63 6.37 0.00 N | 96.45 6.41 0.00 N | 95.62 6.21 0.00 N | 92.37 6.00 0.00 N | 94.23 6.20 0.00 N | 87.60 5.87 0.00 N | 93.07 6.18 0.00 N | 92.46 6.24 0.00 N | 96.08 6.46 0.00 N | 103.12 6.61 0.00 N | 94.39 5.71 0.00 N | 63.01 3.75 0.00 N | 51.79 2.83 0.00 N | 48.03 2.67 0.00 N |
| INDIAN POINT____2 23530 | 15.62 0.85 0.00 N | 50.90 2.70 -0.65 N | 161.02 -0.31 -167.76 N | 43.74 1.28 -16.38 N | 24.81 1.21 0.00 N | 50.21 2.71 0.00 N | 123.83 6.43 0.00 N | 130.73 6.79 0.00 N | 94.31 5.80 0.00 N | 95.17 5.76 0.00 N | 97.37 6.11 0.00 N | 96.18 6.14 0.00 N | 95.35 5.95 0.00 N | 92.12 5.75 0.00 N | 93.99 5.97 0.00 N | 87.37 5.63 0.00 N | 92.84 5.95 0.00 N | 92.20 5.99 0.00 N | 95.79 6.17 0.00 N | 102.84 6.33 0.00 N | 94.13 5.45 0.00 N | 62.83 3.57 0.00 N | 51.64 2.68 0.00 N | 47.90 2.55 0.00 N |
| INDIAN POINT____3 23531 | 15.62 0.84 0.00 N | 50.91 2.70 -0.66 N | 163.52 -0.31 -170.26 N | 43.98 1.28 -16.63 N | 24.80 1.21 0.00 N | 50.20 2.70 0.00 N | 123.78 6.38 0.00 N | 130.68 6.74 0.00 N | 94.26 5.75 0.00 N | 95.11 5.70 0.00 N | 97.33 6.07 0.00 N | 96.12 6.08 0.00 N | 95.32 5.92 0.00 N | 92.09 5.72 0.00 N | 93.94 5.92 0.00 N | 87.33 5.59 0.00 N | 92.77 5.89 0.00 N | 92.17 5.96 0.00 N | 95.77 6.15 0.00 N | 102.77 6.26 0.00 N | 94.10 5.43 0.00 N | 62.81 3.55 0.00 N | 51.64 2.68 0.00 N | 47.89 2.54 0.00 N |
| IP CORINTH____1 23988 | 15.13 0.36 0.00 N | 49.88 1.47 -0.85 N | 214.84 -0.22 -221.49 N | 48.43 0.73 -21.63 N | 24.15 0.56 0.00 N | 49.00 1.50 0.00 N | 121.23 3.83 0.00 N | 128.05 4.11 0.00 N | 91.33 2.83 0.00 N | 91.16 1.75 0.00 N | 93.47 2.21 0.00 N | 92.10 2.06 0.00 N | 92.61 3.20 0.00 N | 88.59 2.22 0.00 N | 90.74 2.72 0.00 N | 84.30 2.57 0.00 N | 89.54 2.65 0.00 N | 89.33 3.12 0.00 N | 92.15 2.53 0.00 N | 99.00 2.48 0.00 N | 91.39 2.71 0.00 N | 60.88 1.62 0.00 N | 50.24 1.28 0.00 N | 46.44 1.09 0.00 N |
| IP____TICONDEROGA 23804 | 15.80 1.03 0.00 N | 52.38 4.00 -0.83 N | 208.83 -0.61 -215.87 N | 49.34 2.18 -21.08 N | 25.37 1.77 0.00 N | 51.37 3.87 0.00 N | 126.48 9.08 0.00 N | 132.80 8.86 0.00 N | 94.73 6.23 0.00 N | 95.24 5.83 0.00 N | 97.40 6.15 0.00 N | 95.69 5.65 0.00 N | 95.77 6.36 0.00 N | 91.45 5.08 0.00 N | 94.06 6.04 0.00 N | 87.47 5.74 0.00 N | 92.84 5.95 0.00 N | 93.01 6.79 0.00 N | 96.05 6.43 0.00 N | 102.24 5.73 0.00 N | 94.53 5.85 0.00 N | 63.21 3.95 0.00 N | 52.38 3.42 0.00 N | 48.64 3.29 0.00 N |
| JARVIS____ 23743 | 14.78 0.00 0.00 N | 47.53 -0.01 0.02 N | -11.42 0.00 5.00 N | 25.59 0.00 0.49 N | 23.59 0.00 0.00 N | 47.50 0.00 0.00 N | 117.43 0.03 0.00 N | 124.10 0.15 0.00 N | 88.51 0.00 0.00 N | 89.40 -0.01 0.00 N | 91.26 0.00 0.00 N | 90.12 0.08 0.00 N | 89.42 0.01 0.00 N | 86.37 0.00 0.00 N | 88.02 0.00 0.00 N | 81.74 0.00 0.00 N | 86.88 -0.01 0.00 N | 86.21 0.00 0.00 N | 89.62 0.00 0.00 N | 96.53 0.02 0.00 N | 88.70 0.02 0.00 N | 59.26 0.00 0.00 N | 48.97 0.00 0.00 N | 45.35 0.00 0.00 N |
| JENNISON____1 23625 | 14.81 0.04 0.00 N | 47.74 -0.07 -0.25 N | 58.86 0.00 -65.29 N | 32.50 0.04 -6.38 N | 23.69 0.09 0.00 N | 47.48 -0.03 0.00 N | 118.48 1.08 0.00 N | 125.01 1.06 0.00 N | 89.27 0.76 0.00 N | 90.29 0.89 0.00 N | 92.21 0.95 0.00 N | 90.78 0.73 0.00 N | 90.11 0.70 0.00 N | 87.14 0.77 0.00 N | 88.79 0.77 0.00 N | 82.41 0.68 0.00 N | 87.75 0.87 0.00 N | 86.95 0.73 0.00 N | 90.86 1.24 0.00 N | 97.95 1.44 0.00 N | 89.61 0.93 0.00 N | 59.62 0.36 0.00 N | 49.09 0.12 0.00 N | 45.44 0.08 0.00 N |
| JENNISON____2 23626 | 14.80 0.02 0.00 N | 47.70 -0.11 -0.25 N | 58.87 0.00 -65.29 N | 32.48 0.02 -6.38 N | 23.68 0.08 0.00 N | 47.44 -0.07 0.00 N | 118.35 0.95 0.00 N | 124.86 0.92 0.00 N | 89.17 0.66 0.00 N | 90.18 0.77 0.00 N | 92.09 0.84 0.00 N | 90.66 0.62 0.00 N | 90.00 0.60 0.00 N | 87.03 0.66 0.00 N | 88.68 0.66 0.00 N | 82.31 0.58 0.00 N | 87.65 0.76 0.00 N | 86.84 0.63 0.00 N | 90.73 1.11 0.00 N | 97.82 1.31 0.00 N | 89.48 0.80 0.00 N | 59.56 0.30 0.00 N | 49.04 0.07 0.00 N | 45.39 0.04 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 62.75 1.40 -46.57 N | 86.10 4.46 -34.09 N | 170.51 -0.40 -177.34 N | 50.45 1.93 -22.44 N | 85.33 2.15 -59.58 N | 85.66 4.06 -34.10 N | 122.78 5.38 0.00 N | 126.15 4.57 2.37 N | 93.70 5.19 0.00 N | 93.89 4.48 0.00 N | 97.30 6.04 0.00 N | 96.36 6.32 0.00 N | 95.49 6.08 0.00 N | 93.45 6.75 -0.33 N | 94.25 6.22 0.00 N | 88.21 6.48 0.00 N | 93.45 6.56 0.00 N | 93.14 6.93 0.00 N | 97.02 7.37 -0.02 N | 103.91 7.40 0.00 N | 95.56 6.88 0.00 N | 88.43 5.01 -24.15 N | 92.99 4.09 -39.93 N | 80.67 3.91 -31.41 N |

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| KEDC PORT_JEFF_GT3 24211 | 62.75 1.40 -46.57 N | 86.10 4.46 -34.09 N | 170.51 -0.40 -177.34 N | 50.45 1.93 -22.44 N | 85.33 2.15 -59.58 N | 85.66 4.06 -34.10 N | 122.78 5.38 0.00 N | 126.15 4.57 2.37 N | 93.70 5.19 0.00 N | 93.89 4.48 0.00 N | 97.30 6.04 0.00 N | 96.36 6.32 0.00 N | 95.49 6.08 0.00 N | 93.45 6.75 -0.33 N | 94.25 6.22 0.00 N | 88.21 6.48 0.00 N | 93.45 6.56 0.00 N | 93.14 6.93 0.00 N | 97.02 7.37 -0.02 N | 103.91 7.40 0.00 N | 95.56 6.88 0.00 N | 88.43 5.01 -24.15 N | 92.99 4.09 -39.93 N | 80.67 3.91 -31.41 N |
| KEDC_GLWD_GT4 24219 | 62.60 1.25 -46.57 N | 82.22 3.86 -30.81 N | 167.72 -0.40 -174.55 N | 47.11 1.78 -19.25 N | 51.00 1.79 -25.61 N | 65.95 3.80 -14.66 N | 125.57 8.17 0.00 N | 132.40 8.46 0.00 N | 96.08 7.58 0.00 N | 96.92 7.52 0.00 N | 99.41 8.15 0.00 N | 98.15 8.11 0.00 N | 97.30 7.90 0.00 N | 94.58 7.88 -0.33 N | 95.84 7.82 0.00 N | 89.23 7.50 0.00 N | 94.71 7.83 0.00 N | 94.06 7.85 0.00 N | 97.87 8.23 -0.02 N | 104.96 8.45 0.00 N | 96.25 7.57 0.00 N | 88.59 5.18 -24.15 N | 92.93 4.04 -39.93 N | 80.47 3.70 -31.41 N |
| KEDC_GLWD_GT5 24220 | 62.60 1.25 -46.57 N | 82.22 3.86 -30.81 N | 167.72 -0.40 -174.55 N | 47.11 1.78 -19.25 N | 51.00 1.79 -25.61 N | 65.95 3.80 -14.66 N | 125.57 8.17 0.00 N | 132.40 8.46 0.00 N | 96.08 7.58 0.00 N | 96.92 7.52 0.00 N | 99.41 8.15 0.00 N | 98.15 8.11 0.00 N | 97.30 7.90 0.00 N | 94.58 7.88 -0.33 N | 95.84 7.82 0.00 N | 89.23 7.50 0.00 N | 94.71 7.83 0.00 N | 94.06 7.85 0.00 N | 97.87 8.23 -0.02 N | 104.96 8.45 0.00 N | 96.25 7.57 0.00 N | 88.59 5.18 -24.15 N | 92.93 4.04 -39.93 N | 80.47 3.70 -31.41 N |
| KENSICO____ 23655 | 15.74 0.96 0.00 N | 51.27 3.05 -0.66 N | 165.04 -0.35 -171.82 N | 44.31 1.46 -16.78 N | 24.98 1.38 0.00 N | 50.57 3.07 0.00 N | 124.65 7.25 0.00 N | 131.62 8.89 0.00 N | 95.01 6.50 0.00 N | 95.90 6.49 0.00 N | 98.17 6.91 0.00 N | 96.95 6.91 0.00 N | 96.14 6.73 0.00 N | 92.88 6.51 0.00 N | 94.76 6.74 0.00 N | 88.10 6.36 0.00 N | 93.58 6.70 0.00 N | 92.97 6.76 0.00 N | 96.64 7.02 0.00 N | 103.63 7.12 0.00 N | 94.88 6.20 0.00 N | 63.33 4.07 0.00 N | 52.06 3.10 0.00 N | 48.28 2.93 0.00 N |
| KIAC_JFK_GT1 23816 | 15.82 1.04 0.00 N | 51.51 3.29 -0.66 N | 165.64 -0.38 -172.44 N | 44.49 1.57 -16.84 N | 32.02 1.53 -6.89 N | 50.91 3.41 0.00 N | 125.64 8.24 0.00 N | 132.83 8.89 0.00 N | 269.71 7.58 -173.63 N | 131.08 7.55 -34.12 N | 99.26 8.00 0.00 N | 98.15 8.11 0.00 N | 97.22 7.81 0.00 N | 93.96 7.59 0.00 N | 95.97 7.95 0.00 N | 89.23 7.49 0.00 N | 94.79 7.91 0.00 N | 94.10 7.89 0.00 N | 100.56 8.24 -2.70 N | 106.03 8.44 -1.08 N | 176.36 7.33 -80.35 N | 63.97 4.71 0.00 N | 52.55 3.59 0.00 N | 48.69 3.33 0.00 N |
| KIAC_JFK_GT2 23817 | 15.82 1.04 0.00 N | 51.51 3.29 -0.66 N | 165.64 -0.38 -172.44 N | 44.49 1.57 -16.84 N | 32.02 1.53 -6.89 N | 50.91 3.41 0.00 N | 125.64 8.24 0.00 N | 132.83 8.89 0.00 N | 269.71 7.58 -173.63 N | 131.08 7.55 -34.12 N | 99.26 8.00 0.00 N | 98.15 8.11 0.00 N | 97.22 7.81 0.00 N | 93.96 7.59 0.00 N | 95.97 7.95 0.00 N | 89.23 7.49 0.00 N | 94.79 7.91 0.00 N | 94.10 7.89 0.00 N | 100.56 8.24 -2.70 N | 106.03 8.44 -1.08 N | 176.36 7.33 -80.35 N | 63.97 4.71 0.00 N | 52.55 3.59 0.00 N | 48.69 3.33 0.00 N |
| KINTIGH____ 23543 | 13.67 -1.11 0.00 N | 44.02 -3.62 -0.08 N | 15.89 0.44 -21.87 N | 26.55 -1.67 -2.14 N | 22.05 -1.55 0.00 N | 43.58 -3.92 0.00 N | 107.16 -10.24 0.00 N | 112.79 -11.15 0.00 N | 80.29 -8.22 0.00 N | 81.88 -7.53 0.00 N | 82.92 -8.35 0.00 N | 81.53 -8.51 0.00 N | 80.91 -8.49 0.00 N | 78.86 -7.51 0.00 N | 79.88 -8.14 0.00 N | 74.02 -7.72 0.00 N | 79.30 -7.59 0.00 N | 78.20 -8.02 0.00 N | 81.07 -8.55 0.00 N | 88.49 -8.02 0.00 N | 81.93 -6.75 0.00 N | 54.90 -4.36 0.00 N | 46.15 -2.82 0.00 N | 42.18 -3.18 0.00 N |
| LEDERLE____ 23769 | 15.76 0.99 0.00 N | 51.32 3.13 -0.63 N | 157.20 -0.38 -164.01 N | 43.63 1.53 -16.02 N | 25.03 1.43 0.00 N | 50.64 3.14 0.00 N | 125.03 7.63 0.00 N | 132.02 8.08 0.00 N | 95.19 6.68 0.00 N | 96.07 6.66 0.00 N | 98.28 7.03 0.00 N | 97.10 7.06 0.00 N | 96.28 6.87 0.00 N | 93.03 6.66 0.00 N | 94.89 6.87 0.00 N | 88.21 6.47 0.00 N | 93.75 6.86 0.00 N | 93.11 6.89 0.00 N | 96.77 7.14 0.00 N | 103.94 7.43 0.00 N | 95.11 6.44 0.00 N | 63.45 4.19 0.00 N | 52.13 3.17 0.00 N | 48.34 2.99 0.00 N |
| LINDEN COGEN____ 23786 | 15.70 0.92 0.00 N | 51.12 2.90 -0.66 N | 165.69 -0.33 -172.44 N | 44.29 1.37 -16.84 N | 24.93 1.33 0.00 N | 50.51 3.01 0.00 N | 124.60 7.20 0.00 N | 131.70 7.75 0.00 N | 95.12 6.61 0.00 N | 96.06 6.65 0.00 N | 98.38 7.13 0.00 N | 97.18 7.14 0.00 N | 96.33 6.92 0.00 N | 93.09 6.72 0.00 N | 95.02 7.00 0.00 N | 88.32 6.58 0.00 N | 93.80 6.92 0.00 N | 93.14 6.93 0.00 N | 96.86 7.24 0.00 N | 103.84 7.33 0.00 N | 94.97 6.29 0.00 N | 63.34 4.08 0.00 N | 52.03 3.07 0.00 N | 48.22 2.87 0.00 N |
| LIPA_MISC_IPP 23656 | 62.72 1.37 -46.57 N | 86.02 4.37 -34.09 N | 170.53 -0.39 -177.34 N | 50.42 1.90 -22.44 N | 85.29 2.10 -59.58 N | 85.54 3.93 -34.10 N | 122.12 4.72 0.00 N | 125.49 3.69 2.14 N | 93.00 4.50 0.00 N | 93.11 3.70 0.00 N | 96.91 5.65 0.00 N | 96.07 6.03 0.00 N | 95.14 5.74 0.00 N | 93.10 6.40 -0.33 N | 93.95 5.92 0.00 N | 87.88 6.15 0.00 N | 93.14 6.25 0.00 N | 92.99 6.78 0.00 N | 96.94 7.30 -0.02 N | 103.80 7.28 0.00 N | 95.30 6.62 0.00 N | 88.28 4.86 -24.15 N | 92.84 3.95 -39.93 N | 80.57 3.81 -31.41 N |
| LITTLE FALLS____HYD 24013 | 15.16 0.38 0.00 N | 48.95 1.42 0.02 N | -11.64 -0.21 5.00 N | 26.33 0.74 0.49 N | 24.25 0.66 0.00 N | 49.06 1.56 0.00 N | 122.00 4.60 0.00 N | 128.75 4.80 0.00 N | 92.06 3.55 0.00 N | 92.83 3.42 0.00 N | 94.80 3.54 0.00 N | 93.43 3.39 0.00 N | 92.31 2.91 0.00 N | 88.85 2.48 0.00 N | 90.71 2.69 0.00 N | 84.22 2.49 0.00 N | 89.53 2.64 0.00 N | 89.58 3.37 0.00 N | 93.51 3.89 0.00 N | 100.63 4.12 0.00 N | 92.25 3.57 0.00 N | 61.51 2.25 0.00 N | 50.57 1.61 0.00 N | 46.88 1.53 0.00 N |
| LONG LAKE PHOENIX 24014 | 14.48 -0.29 0.00 N | 46.56 -1.04 -0.05 N | 6.51 0.13 -12.81 N | 26.78 -0.54 -1.25 N | 23.12 -0.47 0.00 N | 46.52 -0.98 0.00 N | 115.46 -1.94 0.00 N | 122.13 -1.81 0.00 N | 87.20 -1.31 0.00 N | 88.27 -1.14 0.00 N | 90.03 -1.23 0.00 N | 88.77 -1.27 0.00 N | 88.09 -1.32 0.00 N | 85.21 -1.16 0.00 N | 86.74 -1.29 0.00 N | 80.47 -1.26 0.00 N | 85.65 -1.24 0.00 N | 84.91 -1.30 0.00 N | 88.49 -1.12 0.00 N | 95.53 -0.98 0.00 N | 87.70 -0.98 0.00 N | 58.45 -0.81 0.00 N | 48.24 -0.72 0.00 N | 44.54 -0.81 0.00 N |
| LOVETT____3 23632 | 15.50 0.72 0.00 N | 50.46 2.27 -0.64 N | 158.58 -0.25 -165.26 N | 43.26 1.04 -16.14 N | 24.61 1.01 0.00 N | 49.75 2.25 0.00 N | 122.59 5.18 0.00 N | 129.42 5.48 0.00 N | 93.34 4.83 0.00 N | 94.15 4.75 0.00 N | 96.32 5.07 0.00 N | 95.18 5.14 0.00 N | 94.34 4.93 0.00 N | 91.15 4.78 0.00 N | 92.97 4.95 0.00 N | 86.43 4.70 0.00 N | 91.82 4.93 0.00 N | 91.20 4.98 0.00 N | 94.71 5.09 0.00 N | 101.68 5.16 0.00 N | 93.08 4.40 0.00 N | 62.15 2.89 0.00 N | 51.11 2.14 0.00 N | 47.42 2.06 0.00 N |
| LOVETT____4 23642 | 15.63 0.86 0.00 N | 50.86 2.67 -0.64 N | 158.53 -0.30 -165.26 N | 43.48 1.27 -16.14 N | 24.81 1.21 0.00 N | 50.17 2.67 0.00 N | 123.68 6.28 0.00 N | 130.59 6.64 0.00 N | 94.19 5.69 0.00 N | 95.01 5.60 0.00 N | 97.21 5.95 0.00 N | 96.04 5.99 0.00 N | 95.23 5.82 0.00 N | 91.99 5.62 0.00 N | 93.85 5.82 0.00 N | 87.24 5.51 0.00 N | 92.69 5.81 0.00 N | 92.06 5.85 0.00 N | 95.64 6.02 0.00 N | 102.72 6.20 0.00 N | 94.02 5.34 0.00 N | 62.74 3.48 0.00 N | 51.57 2.60 0.00 N | 47.85 2.49 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|
| LOVETT___5 23593 | 15.63 0.86 0.00 N | 50.86 2.67 -0.64 N | 158.53 -0.30 -165.26 N | 43.48 1.27 -16.14 N | 24.81 1.21 0.00 N | 50.17 2.67 0.00 N | 123.68 6.28 0.00 N | 130.59 6.64 0.00 N | 94.19 5.69 0.00 N | 95.01 5.60 0.00 N | 97.21 5.95 0.00 N | 96.04 5.99 0.00 N | 95.23 5.82 0.00 N | 91.99 5.62 0.00 N | 93.85 5.82 0.00 N | 87.24 5.51 0.00 N | 92.69 5.81 0.00 N | 92.06 5.85 0.00 N | 95.64 6.02 0.00 N | 102.72 6.20 0.00 N | 94.02 5.34 0.00 N | 62.74 3.48 0.00 N | 51.57 2.60 0.00 N | 47.85 2.49 0.00 N | |
| LOWER RAQUET___HYD 24057 | 13.61 -1.17 0.00 N | 43.02 -4.51 0.03 N | -12.42 0.57 6.56 N | 23.74 -1.70 0.64 N | 21.92 -1.68 0.00 N | 43.96 -3.54 0.00 N | 109.78 -7.62 0.00 N | 118.42 -5.52 0.00 N | 80.48 -8.02 0.00 N | 82.63 -6.78 0.00 N | 84.12 -7.14 0.00 N | 82.81 -7.23 0.00 N | 81.39 -8.02 0.00 N | 78.82 -7.55 0.00 N | 79.95 -8.07 0.00 N | 74.20 -7.53 0.00 N | 79.00 -7.89 0.00 N | 78.21 -8.01 0.00 N | 82.05 -7.57 0.00 N | 88.61 -7.90 0.00 N | 82.19 -6.49 0.00 N | 55.02 -4.25 0.00 N | 45.76 -3.20 0.00 N | 42.20 -3.15 0.00 N | |
| LOWER___HUDSON 24059 | 15.30 0.53 0.00 N | 50.42 2.04 -0.83 N | 207.99 -0.29 -214.71 N | 48.09 1.04 -20.97 N | 24.49 0.89 0.00 N | 49.52 2.02 0.00 N | 122.13 4.73 0.00 N | 128.72 4.78 0.00 N | 92.09 3.58 0.00 N | 92.65 3.24 0.00 N | 94.74 3.47 0.00 N | 93.39 3.36 0.00 N | 93.06 3.65 0.00 N | 89.42 3.05 0.00 N | 91.53 3.51 0.00 N | 85.04 3.30 0.00 N | 90.23 3.35 0.00 N | 89.90 3.69 0.00 N | 93.20 3.58 0.00 N | 99.75 3.24 0.00 N | 91.82 3.15 0.00 N | 61.38 2.12 0.00 N | 50.68 1.71 0.00 N | 46.99 1.64 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 13.88 -0.89 0.00 N | 44.14 -3.42 0.00 N | -5.99 0.44 0.00 N | 24.69 -1.38 0.00 N | 22.25 -1.34 0.00 N | 44.77 -2.73 0.00 N | 112.04 -5.36 0.00 N | 120.22 -3.72 0.00 N | 83.05 -5.46 0.00 N | 84.86 -4.55 0.00 N | 86.44 -4.81 0.00 N | 85.16 -4.88 0.00 N | 83.96 -5.44 0.00 N | 81.24 -5.13 0.00 N | 82.48 -5.54 0.00 N | 76.51 -5.23 0.00 N | 81.38 -5.50 0.00 N | 80.66 -5.55 0.00 N | 84.62 -5.00 0.00 N | 91.36 -5.15 0.00 N | 84.28 -4.40 0.00 N | 56.24 -3.02 0.00 N | 46.53 -2.43 0.00 N | 42.91 -2.44 0.00 N | |
| MG INDUSTRY___DRP 24185 | 15.24 0.46 0.00 N | 49.98 1.61 -0.82 N | 204.86 -0.21 -211.49 N | 47.52 0.79 -20.65 N | 24.29 0.69 0.00 N | 49.04 1.54 0.00 N | 120.59 3.19 0.00 N | 127.22 3.27 0.00 N | 90.92 2.41 0.00 N | 91.61 2.20 0.00 N | 93.79 2.53 0.00 N | 92.58 2.54 0.00 N | 91.89 2.48 0.00 N | 88.59 2.22 0.00 N | 90.58 2.56 0.00 N | 84.10 2.37 0.00 N | 89.14 2.26 0.00 N | 88.65 2.44 0.00 N | 91.91 2.29 0.00 N | 98.75 2.24 0.00 N | 90.72 2.04 0.00 N | 60.58 1.32 0.00 N | 49.99 1.03 0.00 N | 46.50 1.15 0.00 N | |
| MID___OSWEGATCHIE_HYD 23849 | 13.88 -0.89 0.00 N | 44.14 -3.42 0.00 N | -5.99 0.44 0.00 N | 24.69 -1.38 0.00 N | 22.25 -1.34 0.00 N | 44.77 -2.73 0.00 N | 112.04 -5.36 0.00 N | 120.22 -3.72 0.00 N | 83.05 -5.46 0.00 N | 84.86 -4.55 0.00 N | 86.44 -4.81 0.00 N | 85.16 -4.88 0.00 N | 83.96 -5.44 0.00 N | 81.24 -5.13 0.00 N | 82.48 -5.54 0.00 N | 76.51 -5.23 0.00 N | 81.38 -5.50 0.00 N | 80.66 -5.55 0.00 N | 84.62 -5.00 0.00 N | 91.36 -5.15 0.00 N | 84.28 -4.40 0.00 N | 56.24 -3.02 0.00 N | 46.53 -2.43 0.00 N | 42.91 -2.44 0.00 N | |
| MID___RAQUETTE_HYD 23851 | 13.61 -1.17 0.00 N | 43.02 -4.51 0.03 N | -12.42 0.57 6.56 N | 23.74 -1.70 0.64 N | 21.92 -1.68 0.00 N | 43.96 -3.54 0.00 N | 109.78 -7.62 0.00 N | 118.42 -5.52 0.00 N | 80.48 -8.02 0.00 N | 82.63 -6.78 0.00 N | 84.12 -7.14 0.00 N | 82.81 -7.23 0.00 N | 81.39 -8.02 0.00 N | 78.82 -7.55 0.00 N | 79.95 -8.07 0.00 N | 74.20 -7.53 0.00 N | 79.00 -7.89 0.00 N | 78.21 -8.01 0.00 N | 82.05 -7.57 0.00 N | 88.61 -7.90 0.00 N | 82.19 -6.49 0.00 N | 55.02 -4.25 0.00 N | 45.76 -3.20 0.00 N | 42.20 -3.15 0.00 N | |
| MILLIKEN___1 23584 | 13.90 -0.87 0.00 N | 43.47 -4.20 -0.12 N | 24.15 0.59 -29.99 N | 27.43 -1.58 -2.93 N | 22.26 -1.33 0.00 N | 43.37 -4.13 0.00 N | 108.27 -9.13 0.00 N | 114.94 -9.00 0.00 N | 81.94 -6.56 0.00 N | 83.16 -6.25 0.00 N | 85.36 -5.89 0.00 N | 83.44 -6.60 0.00 N | 82.76 -6.65 0.00 N | 80.08 -6.29 0.00 N | 81.34 -6.68 0.00 N | 75.43 -6.30 0.00 N | 80.32 -6.57 0.00 N | 79.58 -6.64 0.00 N | 83.22 -6.40 0.00 N | 90.00 -6.52 0.00 N | 82.41 -6.27 0.00 N | 54.76 -4.50 0.00 N | 45.08 -3.88 0.00 N | 41.45 -3.90 0.00 N | |
| MILLIKEN___2 23585 | 13.90 -0.87 0.00 N | 43.47 -4.20 -0.12 N | 24.15 0.59 -29.99 N | 27.43 -1.58 -2.93 N | 22.26 -1.33 0.00 N | 43.37 -4.13 0.00 N | 108.27 -9.13 0.00 N | 114.94 -9.00 0.00 N | 81.94 -6.56 0.00 N | 83.16 -6.25 0.00 N | 85.36 -5.89 0.00 N | 83.44 -6.60 0.00 N | 82.76 -6.65 0.00 N | 80.08 -6.29 0.00 N | 81.34 -6.68 0.00 N | 75.43 -6.30 0.00 N | 80.32 -6.57 0.00 N | 79.58 -6.64 0.00 N | 83.22 -6.40 0.00 N | 90.00 -6.52 0.00 N | 82.41 -6.27 0.00 N | 54.76 -4.50 0.00 N | 45.08 -3.88 0.00 N | 41.45 -3.90 0.00 N | |
| MILLIKEN___DIESEL 23629 | 13.90 -0.87 0.00 N | 43.47 -4.20 -0.12 N | 24.15 0.59 -29.99 N | 27.43 -1.58 -2.93 N | 22.26 -1.33 0.00 N | 43.37 -4.13 0.00 N | 108.27 -9.13 0.00 N | 114.94 -9.00 0.00 N | 81.94 -6.56 0.00 N | 83.16 -6.25 0.00 N | 85.36 -5.89 0.00 N | 83.44 -6.60 0.00 N | 82.76 -6.65 0.00 N | 80.08 -6.29 0.00 N | 81.34 -6.68 0.00 N | 75.43 -6.30 0.00 N | 80.32 -6.57 0.00 N | 79.58 -6.64 0.00 N | 83.22 -6.40 0.00 N | 90.00 -6.52 0.00 N | 82.41 -6.27 0.00 N | 54.76 -4.50 0.00 N | 45.08 -3.88 0.00 N | 41.45 -3.90 0.00 N | |
| MODEL_CITY_ENERGY 24167 | 13.80 -0.97 0.00 N | 44.44 -3.22 -0.10 N | 19.27 0.39 -25.30 N | 27.12 -1.43 -2.47 N | 22.26 -1.33 0.00 N | 43.86 -3.64 0.00 N | 107.73 -9.67 0.00 N | 113.10 -10.84 0.00 N | 80.34 -8.17 0.00 N | 82.12 -7.29 0.00 N | 82.98 -8.28 0.00 N | 81.53 -8.51 0.00 N | 80.92 -8.49 0.00 N | 79.05 -7.32 0.00 N | 79.96 -8.06 0.00 N | 74.12 -7.61 0.00 N | 79.62 -7.26 0.00 N | 78.38 -7.83 0.00 N | 81.21 -8.41 0.00 N | 88.92 -7.59 0.00 N | 82.47 -6.21 0.00 N | 55.34 -3.92 0.00 N | 46.78 -2.18 0.00 N | 42.66 -2.70 0.00 N | |
| MOHAWK_PAPER___DRP 24187 | 15.43 0.66 0.00 N | 50.71 2.32 -0.83 N | 209.43 -0.32 -216.18 N | 48.39 1.20 -21.11 N | 24.63 1.04 0.00 N | 49.80 2.30 0.00 N | 123.03 5.63 0.00 N | 129.84 5.90 0.00 N | 92.90 4.40 0.00 N | 93.62 4.21 0.00 N | 95.68 4.42 0.00 N | 94.35 4.31 0.00 N | 93.85 4.44 0.00 N | 90.34 3.97 0.00 N | 92.36 4.34 0.00 N | 85.78 4.04 0.00 N | 91.08 4.19 0.00 N | 90.61 4.39 0.00 N | 94.16 4.54 0.00 N | 100.91 4.40 0.00 N | 92.74 4.06 0.00 N | 61.95 2.69 0.00 N | 51.08 2.11 0.00 N | 47.34 1.98 0.00 N | |
| MONGAUP___HYD 23641 | 15.49 0.71 0.00 N | 50.45 2.30 -0.59 N | 146.37 -0.28 -153.07 N | 42.13 1.10 -14.95 N | 24.63 1.03 0.00 N | 49.83 2.33 0.00 N | 123.20 5.80 0.00 N | 129.92 5.98 0.00 N | 93.58 5.08 0.00 N | 94.45 5.04 0.00 N | 96.53 5.27 0.00 N | 95.33 5.29 0.00 N | 94.54 5.13 0.00 N | 91.31 4.94 0.00 N | 93.10 5.08 0.00 N | 86.56 4.82 0.00 N | 91.99 5.10 0.00 N | 91.53 5.32 0.00 N | 95.35 5.73 0.00 N | 102.44 5.93 0.00 N | 93.73 5.05 0.00 N | 62.57 3.31 0.00 N | 51.40 2.44 0.00 N | 47.64 2.29 0.00 N | |
| MONTAUK___DIESEL | 63.14 | 87.47 | 170.32 | 51.19 | 86.01 | 87.00 | 126.11 | 129.84 | 96.27 | 96.45 | 100.53 | 99.64 | 98.68 | 96.50 | 97.43 | 91.13 | 96.67 | 96.64 | 101.12 | 108.23 | 99.17 | 90.75 | 94.69 | 82.13 | |

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|---------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|
| 23721 | 1.79 -46.57 N | 5.83 -34.09 N | -0.59 -177.34 N | 2.67 -22.44 N | 2.83 -59.58 N | 5.40 -34.10 N | 8.71 0.00 N | 8.06 2.17 N | 7.75 0.00 N | 7.05 0.00 N | 9.27 0.00 N | 9.60 0.00 N | 9.27 0.00 N | 9.80 -0.33 N | 9.41 0.00 N | 9.39 0.00 N | 9.79 0.00 N | 10.42 0.00 N | 11.48 -0.02 N | 11.72 0.00 N | 10.49 0.00 N | 7.33 -24.15 N | 5.80 -39.93 N | 5.37 -31.41 N |
| N SALMON____HYD 24042 | 13.67 -1.10 0.00 N | 43.32 -4.21 0.03 N | -14.65 0.53 8.75 N | 23.75 -1.48 0.85 N | 22.09 -1.50 0.00 N | 44.24 -3.26 0.00 N | 110.24 -7.16 0.00 N | 118.89 -5.06 0.00 N | 80.58 -7.93 0.00 N | 82.55 -6.86 0.00 N | 84.00 -7.26 0.00 N | 82.67 -7.37 0.00 N | 81.27 -8.13 0.00 N | 78.70 -7.67 0.00 N | 79.89 -8.12 0.00 N | 74.19 -7.54 0.00 N | 79.13 -7.75 0.00 N | 78.35 -7.87 0.00 N | 81.87 -7.75 0.00 N | 88.54 -7.97 0.00 N | 82.39 -6.29 0.00 N | 55.23 -4.03 0.00 N | 46.04 -2.92 0.00 N | 42.50 -2.85 0.00 N |
| N.E_GEN_SANDY PD 24062 | 15.47 0.69 0.00 N | 65.00 1.29 -40.67 N | 38.00 1.56 -9.60 N | 47.15 1.27 -19.80 N | 24.69 1.09 0.00 N | 49.91 2.41 0.00 N | 122.79 5.39 0.00 N | 129.28 5.33 0.00 N | 82.79 4.49 14.79 N | 93.38 3.97 0.00 N | 95.48 4.22 0.00 N | 94.09 4.05 0.00 N | 93.66 4.26 0.00 N | 90.05 3.68 0.00 N | 92.20 4.17 0.00 N | 85.69 3.96 0.00 N | 90.93 4.05 0.00 N | 90.61 4.40 0.00 N | 93.93 4.31 0.00 N | 100.41 3.89 0.00 N | 110.00 3.95 -15.41 N | 61.83 2.57 0.00 N | 51.07 2.11 0.00 N | 47.44 2.09 0.00 N |
| NARROWS_GT1_1 24228 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_2 24229 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_3 24230 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_4 24231 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_5 24232 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_6 24233 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_7 24234 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT1_8 24235 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_1 24236 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_2 24237 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_3 24238 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |

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|-------------------------------------|-----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|-----------------------------|-----------------------------|
| NARROWS_GT2_4 24239 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_5 24240 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_6 24241 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_7 24242 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NARROWS_GT2_8 24243 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 15.35 0.57 0.00 N | 50.63 2.22 -0.85 N | 213.18 -0.32 -219.93 N | 48.68 1.13 -21.48 N | 24.50 0.91 0.00 N | 49.59 2.09 0.00 N | 122.53 5.12 0.00 N | 129.32 5.37 0.00 N | 92.44 3.93 0.00 N | 92.93 3.52 0.00 N | 95.07 3.81 0.00 N | 93.70 3.66 0.00 N | 93.47 4.06 0.00 N | 89.76 3.38 0.00 N | 91.87 3.85 0.00 N | 85.36 3.62 0.00 N | 90.61 3.72 0.00 N | 90.31 4.10 0.00 N | 93.68 4.06 0.00 N | 100.27 3.76 0.00 N | 92.29 3.62 0.00 N | 61.61 2.35 0.00 N | 50.83 1.86 0.00 N | 47.06 1.71 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 14.06 -0.71 0.00 N | 45.18 -2.46 -0.07 N | 13.25 0.31 -19.37 N | 26.82 -1.15 -1.89 N | 22.56 -1.03 0.00 N | 44.98 -2.52 0.00 N | 111.37 -6.03 0.00 N | 117.66 -6.28 0.00 N | 83.80 -4.71 0.00 N | 85.20 -4.21 0.00 N | 86.60 -4.65 0.00 N | 85.22 -4.82 0.00 N | 84.59 -4.82 0.00 N | 82.13 -4.24 0.00 N | 83.36 -4.66 0.00 N | 77.27 -4.46 0.00 N | 82.52 -4.37 0.00 N | 81.57 -4.64 0.00 N | 84.93 -4.70 0.00 N | 92.26 -4.25 0.00 N | 84.98 -3.70 0.00 N | 56.75 -2.51 0.00 N | 47.20 -1.76 0.00 N | 43.30 -2.05 0.00 N |
| NEG CENTRAL___DRP 24199 | 14.30 -0.47 0.00 N | 45.89 -1.74 -0.08 N | 15.34 0.21 -21.55 N | 27.38 -0.80 -2.11 N | 22.90 -0.70 0.00 N | 45.75 -1.75 0.00 N | 113.77 -3.63 0.00 N | 119.91 -4.04 0.00 N | 85.36 -3.14 0.00 N | 86.74 -2.67 0.00 N | 88.40 -2.86 0.00 N | 86.83 -3.20 0.00 N | 86.29 -3.12 0.00 N | 83.57 -2.80 0.00 N | 84.82 -3.20 0.00 N | 78.67 -3.06 0.00 N | 83.85 -3.03 0.00 N | 82.97 -3.25 0.00 N | 86.54 -3.08 0.00 N | 93.62 -2.89 0.00 N | 85.88 -2.80 0.00 N | 57.24 -2.02 0.00 N | 47.43 -1.53 0.00 N | 43.73 -1.62 0.00 N |
| NEG CENTRAL___INDECK 23768 | 14.43 -0.35 0.00 N | 46.43 -1.24 -0.12 N | 23.99 0.11 -30.30 N | 28.56 -0.48 -2.96 N | 23.18 -0.42 0.00 N | 46.23 -1.27 0.00 N | 115.37 -2.03 0.00 N | 121.77 -2.17 0.00 N | 86.66 -1.85 0.00 N | 88.14 -1.27 0.00 N | 89.52 -1.74 0.00 N | 88.01 -2.03 0.00 N | 87.31 -2.10 0.00 N | 84.84 -1.53 0.00 N | 86.10 -1.92 0.00 N | 79.84 -1.90 0.00 N | 85.39 -1.49 0.00 N | 84.16 -2.05 0.00 N | 87.81 -1.81 0.00 N | 95.52 -0.99 0.00 N | 87.78 -0.89 0.00 N | 58.46 -0.79 0.00 N | 48.56 -0.40 0.00 N | 44.53 -0.82 0.00 N |
| NEG CENTRAL___SENECA 23627 | 14.20 -0.58 0.00 N | 45.56 -2.09 -0.09 N | 18.19 0.25 -24.37 N | 27.50 -0.95 -2.38 N | 22.77 -0.82 0.00 N | 45.37 -2.13 0.00 N | 112.90 -4.49 0.00 N | 118.74 -5.20 0.00 N | 84.44 -4.07 0.00 N | 85.98 -3.43 0.00 N | 87.57 -3.69 0.00 N | 85.89 -4.15 0.00 N | 85.40 -4.01 0.00 N | 82.74 -3.63 0.00 N | 83.85 -4.18 0.00 N | 77.75 -3.98 0.00 N | 82.97 -3.92 0.00 N | 82.00 -4.21 0.00 N | 85.53 -4.09 0.00 N | 92.62 -3.90 0.00 N | 84.94 -3.73 0.00 N | 56.63 -2.63 0.00 N | 47.03 -1.93 0.00 N | 43.33 -2.02 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 14.31 -0.46 0.00 N | 45.49 -2.15 -0.08 N | 15.11 0.30 -21.24 N | 27.33 -0.82 -2.08 N | 22.91 -0.69 0.00 N | 45.42 -2.08 0.00 N | 113.03 -4.37 0.00 N | 119.75 -4.19 0.00 N | 85.45 -3.06 0.00 N | 86.67 -2.73 0.00 N | 88.57 -2.68 0.00 N | 86.97 -3.07 0.00 N | 86.27 -3.14 0.00 N | 83.53 -2.84 0.00 N | 84.90 -3.13 0.00 N | 78.76 -2.98 0.00 N | 83.89 -2.99 0.00 N | 83.12 -3.10 0.00 N | 86.81 -2.81 0.00 N | 93.91 -2.60 0.00 N | 86.10 -2.58 0.00 N | 57.32 -1.94 0.00 N | 47.28 -1.68 0.00 N | 43.52 -1.83 0.00 N |
| NEG MILLWOOD___DRP 24198 | 15.76 0.98 0.00 N | 51.36 3.13 -0.68 N | 169.09 -0.36 -175.88 N | 44.75 1.49 -17.17 N | 25.03 1.44 0.00 N | 50.67 3.17 0.00 N | 124.87 7.47 0.00 N | 131.86 7.92 0.00 N | 95.10 6.59 0.00 N | 95.96 6.55 0.00 N | 98.20 6.94 0.00 N | 97.00 6.96 0.00 N | 96.20 6.80 0.00 N | 92.89 6.52 0.00 N | 94.79 6.77 0.00 N | 88.11 6.37 0.00 N | 93.58 6.69 0.00 N | 93.02 6.81 0.00 N | 96.79 7.17 0.00 N | 103.89 7.38 0.00 N | 95.08 6.40 0.00 N | 63.44 4.18 0.00 N | 52.12 3.16 0.00 N | 48.39 3.04 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 13.49 -1.29 0.00 N | 42.86 -4.65 0.04 N | -15.53 0.58 9.68 N | 23.39 -1.74 0.95 N | 21.83 -1.76 0.00 N | 43.74 -3.77 0.00 N | 108.90 -8.49 0.00 N | 117.50 -6.44 0.00 N | 79.66 -8.85 0.00 N | 81.40 -8.01 0.00 N | 82.84 -8.42 0.00 N | 81.50 -8.54 0.00 N | 80.19 -9.22 0.00 N | 77.55 -8.82 0.00 N | 78.89 -9.13 0.00 N | 73.24 -8.50 0.00 N | 78.11 -8.77 0.00 N | 77.44 -8.77 0.00 N | 80.81 -8.81 0.00 N | 87.29 -9.22 0.00 N | 81.33 -7.35 0.00 N | 54.60 -4.66 0.00 N | 45.52 -3.44 0.00 N | 42.01 -3.34 0.00 N |
| NEG NORTH_KES_CHATGAY 23792 | 13.66 -1.11 0.00 N | 43.32 -4.21 0.04 N | -15.28 0.52 9.37 N | 23.71 -1.45 0.91 N | 22.10 -1.50 0.00 N | 44.21 -3.30 0.00 N | 110.06 -7.34 0.00 N | 118.64 -5.30 0.00 N | 80.38 -8.13 0.00 N | 82.28 -7.13 0.00 N | 83.73 -7.53 0.00 N | 82.42 -7.62 0.00 N | 81.03 -8.37 0.00 N | 78.45 -7.92 0.00 N | 79.71 -8.32 0.00 N | 73.99 -7.74 0.00 N | 78.97 -7.92 0.00 N | 78.18 -8.04 0.00 N | 81.58 -8.04 0.00 N | 88.25 -8.26 0.00 N | 82.20 -6.48 0.00 N | 55.13 -4.13 0.00 N | 46.01 -2.95 0.00 N | 42.48 -2.87 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 NORTH___ALICE_FALLS 23915 | 13.61 -1.17 0.00 N | 43.21 -4.32 0.04 N | -15.26 0.54 9.37 N | 23.61 -1.55 0.91 N | 22.01 -1.58 0.00 N | 44.09 -3.41 0.00 N | 109.85 -7.56 0.00 N | 118.47 -5.47 0.00 N | 80.31 -8.19 0.00 N | 82.11 -7.30 0.00 N | 83.56 -7.70 0.00 N | 82.22 -7.82 0.00 N | 80.88 -8.53 0.00 N | 78.25 -8.12 0.00 N | 79.52 -8.50 0.00 N | 73.88 -7.86 0.00 N | 78.78 -8.11 0.00 N | 78.09 -8.12 0.00 N | 81.53 -8.09 0.00 N | 88.11 -8.40 0.00 N | 82.04 -6.63 0.00 N | 55.05 -4.21 0.00 N | 45.88 -3.08 0.00 N | 42.36 -2.99 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 13.61 -1.17 0.00 N | 43.21 -4.32 0.04 N | -15.26 0.54 9.37 N | 23.61 -1.55 0.91 N | 22.01 -1.58 0.00 N | 44.09 -3.41 0.00 N | 109.84 -7.56 0.00 N | 118.47 -5.47 0.00 N | 80.30 -8.20 0.00 N | 82.11 -7.30 0.00 N | 83.56 -7.70 0.00 N | 82.22 -7.82 0.00 N | 80.88 -8.53 0.00 N | 78.25 -8.12 0.00 N | 79.52 -8.50 0.00 N | 73.88 -7.86 0.00 N | 78.78 -8.11 0.00 N | 78.09 -8.12 0.00 N | 81.53 -8.09 0.00 N | 88.11 -8.40 0.00 N | 82.04 -6.63 0.00 N | 55.05 -4.22 0.00 N | 45.88 -3.08 0.00 N | 42.36 -2.99 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 13.61 -1.17 0.00 N | 43.21 -4.32 0.04 N | -15.26 0.54 9.37 N | 23.61 -1.55 0.91 N | 22.01 -1.58 0.00 N | 44.09 -3.41 0.00 N | 109.85 -7.56 0.00 N | 118.47 -5.47 0.00 N | 80.31 -8.19 0.00 N | 82.11 -7.30 0.00 N | 83.56 -7.70 0.00 N | 82.22 -7.82 0.00 N | 80.88 -8.53 0.00 N | 78.25 -8.12 0.00 N | 79.52 -8.50 0.00 N | 73.88 -7.86 0.00 N | 78.78 -8.11 0.00 N | 78.09 -8.12 0.00 N | 81.53 -8.09 0.00 N | 88.11 -8.40 0.00 N | 82.04 -6.63 0.00 N | 55.05 -4.21 0.00 N | 45.88 -3.08 0.00 N | 42.36 -2.99 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 13.80 -0.97 0.00 N | 44.40 -3.25 0.39 -0.09 N | 18.65 0.39 -24.68 N | 27.05 -1.44 -2.41 N | 22.25 -1.35 0.00 N | 43.83 -3.67 0.00 N | 107.64 -9.76 0.00 N | 112.94 -11.01 0.00 N | 80.18 -8.33 0.00 N | 81.97 -7.44 0.00 N | 82.82 -8.44 0.00 N | 81.40 -8.65 0.00 N | 80.77 -8.64 0.00 N | 78.89 -7.48 0.00 N | 79.83 -8.19 0.00 N | 73.97 -7.76 0.00 N | 79.50 -7.38 0.00 N | 78.26 -7.96 0.00 N | 81.09 -8.53 0.00 N | 88.79 -7.72 0.00 N | 82.34 -6.34 0.00 N | 55.27 -3.99 0.00 N | 46.75 -2.21 0.00 N | 42.62 -2.73 0.00 N | |
| NEG WEST___LANCASTR 23811 | 13.51 -1.27 0.00 N | 43.69 -3.99 -0.12 N | 25.25 0.44 -31.24 N | 27.14 -1.98 -3.05 N | 21.82 -1.77 0.00 N | 43.24 -4.26 0.00 N | 108.48 -8.92 0.00 N | 113.03 -10.91 0.00 N | 80.39 -8.11 0.00 N | 81.84 -7.57 0.00 N | 83.09 -8.17 0.00 N | 81.61 -8.44 0.00 N | 80.99 -8.41 0.00 N | 78.81 -7.56 0.00 N | 80.29 -7.73 0.00 N | 74.53 -7.21 0.00 N | 79.95 -6.93 0.00 N | 78.71 -7.51 0.00 N | 82.51 -7.11 0.00 N | 89.63 -6.88 0.00 N | 82.05 -6.63 0.00 N | 54.65 -4.61 0.00 N | 45.60 -3.36 0.00 N | 42.05 -3.30 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 14.57 -0.21 0.00 N | 47.14 -0.64 0.06 -0.22 N | 52.05 0.06 -58.42 N | 31.44 -0.34 -5.71 N | 23.33 -0.26 0.00 N | 46.82 -0.68 0.00 N | 116.67 -0.73 0.00 N | 122.66 -1.28 0.00 N | 87.53 -0.98 0.00 N | 88.44 -0.97 0.00 N | 90.19 -1.07 0.00 N | 88.86 -1.18 0.00 N | 88.24 -1.16 0.00 N | 85.38 -0.99 0.00 N | 87.08 -0.94 0.00 N | 80.88 -0.86 0.00 N | 86.14 -0.75 0.00 N | 85.23 -0.98 0.00 N | 88.92 -0.70 0.00 N | 95.87 -0.64 0.00 N | 87.75 -0.93 0.00 N | 58.47 -0.79 0.00 N | 48.30 -0.67 0.00 N | 44.79 -0.56 0.00 N | |
| NEG___GEN_MONROE 24207 | 14.25 -0.52 0.00 N | 45.78 -1.86 0.22 -0.08 N | 15.35 0.22 -21.55 N | 27.39 -0.79 -2.11 N | 22.89 -0.71 0.00 N | 45.55 -1.96 0.00 N | 112.92 -4.48 0.00 N | 119.09 -4.85 0.00 N | 84.46 -4.04 0.00 N | 86.06 -3.35 0.00 N | 87.32 -3.93 0.00 N | 85.91 -4.13 0.00 N | 85.23 -4.17 0.00 N | 82.91 -3.46 0.00 N | 84.05 -3.97 0.00 N | 77.91 -3.83 0.00 N | 83.74 -3.14 0.00 N | 82.67 -3.54 0.00 N | 86.14 -3.48 0.00 N | 93.85 -2.66 0.00 N | 86.57 -2.11 0.00 N | 57.79 -1.47 0.00 N | 48.19 -0.77 0.00 N | 44.04 -1.31 0.00 N | |
| NEPA___ENERGY 23901 | 13.05 -1.72 0.00 N | 42.39 -5.30 0.58 -0.13 N | 28.83 0.58 -34.68 N | 26.70 -2.77 -3.39 N | 21.15 -2.45 0.00 N | 41.92 -5.58 0.00 N | 106.51 -10.89 0.00 N | 109.94 -14.00 0.00 N | 78.13 -10.38 0.00 N | 79.33 -10.07 0.00 N | 80.72 -10.53 0.00 N | 79.23 -10.81 0.00 N | 78.67 -10.74 0.00 N | 76.40 -9.97 0.00 N | 78.29 -9.73 0.00 N | 72.78 -8.96 0.00 N | 78.06 -8.83 0.00 N | 76.86 -9.35 0.00 N | 81.30 -8.32 0.00 N | 87.71 -8.80 0.00 N | 79.62 -9.06 0.00 N | 52.88 -6.38 0.00 N | 43.93 -5.04 0.00 N | 40.87 -4.49 0.00 N | |
| NEVERSINK___HYD 23608 | 15.41 0.64 0.00 N | 50.17 2.06 -0.25 -0.56 N | 137.33 -0.25 -144.02 N | 41.16 1.01 -14.06 N | 24.54 0.95 0.00 N | 49.55 2.05 0.00 N | 122.42 5.02 0.00 N | 129.01 5.06 0.00 N | 92.91 4.40 0.00 N | 93.78 4.37 0.00 N | 95.81 4.55 0.00 N | 94.62 4.58 0.00 N | 93.88 4.47 0.00 N | 90.72 4.35 0.00 N | 92.47 4.45 0.00 N | 85.83 4.09 0.00 N | 91.23 4.34 0.00 N | 90.62 4.40 0.00 N | 94.29 4.67 0.00 N | 101.40 4.89 0.00 N | 92.87 4.19 0.00 N | 62.05 2.79 0.00 N | 51.06 2.10 0.00 N | 47.35 2.00 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 13.88 -0.89 0.00 N | 44.14 -3.42 0.44 0.00 N | -5.99 0.44 0.00 N | 24.69 -1.38 0.00 N | 22.25 -1.34 0.00 N | 44.77 -2.73 0.00 N | 112.04 -5.36 0.00 N | 120.22 -3.72 0.00 N | 83.05 -5.46 0.00 N | 84.86 -4.55 0.00 N | 86.44 -4.81 0.00 N | 85.16 -4.88 0.00 N | 83.96 -5.44 0.00 N | 81.24 -5.13 0.00 N | 82.48 -5.54 0.00 N | 76.51 -5.23 0.00 N | 81.38 -5.50 0.00 N | 80.66 -5.55 0.00 N | 84.62 -5.00 0.00 N | 91.36 -5.15 0.00 N | 84.28 -4.40 0.00 N | 56.24 -3.02 0.00 N | 46.53 -2.43 0.00 N | 42.91 -2.44 0.00 N | |
| NIAGARA___ 23760 | 13.76 -1.01 0.00 N | 44.26 -3.39 0.41 -0.09 N | 18.67 0.41 -24.68 N | 26.98 -1.51 -2.41 N | 22.19 -1.41 0.00 N | 43.67 -3.83 0.00 N | 107.07 -10.33 0.00 N | 112.39 -11.55 0.00 N | 79.94 -8.56 0.00 N | 81.70 -7.71 0.00 N | 82.53 -8.72 0.00 N | 81.10 -8.94 0.00 N | 80.51 -8.90 0.00 N | 78.65 -7.72 0.00 N | 79.57 -8.45 0.00 N | 73.74 -8.00 0.00 N | 79.15 -7.74 0.00 N | 77.91 -8.30 0.00 N | 80.61 -9.01 0.00 N | 88.28 -8.23 0.00 N | 81.93 -6.75 0.00 N | 55.03 -4.23 0.00 N | 46.54 -2.43 0.00 N | 42.45 -2.90 0.00 N | |
| NINE_MILE_1 23575 | 14.32 -0.45 0.00 N | 46.08 -1.52 0.20 -0.04 N | 4.40 0.20 -10.62 N | 26.32 -0.79 -1.04 N | 22.88 -0.71 0.00 N | 45.98 -1.52 0.00 N | 113.81 -3.59 0.00 N | 120.22 -3.72 0.00 N | 85.80 -2.71 0.00 N | 86.79 -2.62 0.00 N | 88.52 -2.74 0.00 N | 87.28 -2.76 0.00 N | 86.66 -2.75 0.00 N | 83.79 -2.58 0.00 N | 85.32 -2.70 0.00 N | 79.19 -2.55 0.00 N | 84.26 -2.63 0.00 N | 83.52 -2.69 0.00 N | 86.90 -2.73 0.00 N | 93.75 -2.76 0.00 N | 86.18 -2.50 0.00 N | 57.52 -1.74 0.00 N | 47.58 -1.39 0.00 N | 43.97 -1.38 0.00 N | |
| NINE_MILE_2 23744 | 14.32 -0.45 0.00 N | 46.08 -1.51 0.20 -0.04 N | 4.40 0.20 -10.62 N | 26.33 -0.78 -1.04 N | 22.89 -0.70 0.00 N | 45.98 -1.52 0.00 N | 113.82 -3.58 0.00 N | 120.22 -3.72 0.00 N | 85.81 -2.70 0.00 N | 86.80 -2.61 0.00 N | 88.53 -2.72 0.00 N | 87.29 -2.75 0.00 N | 86.67 -2.73 0.00 N | 83.80 -2.57 0.00 N | 85.34 -2.68 0.00 N | 79.19 -2.54 0.00 N | 84.26 -2.62 0.00 N | 83.55 -2.67 0.00 N | 86.90 -2.72 0.00 N | 93.78 -2.73 0.00 N | 86.18 -2.50 0.00 N | 57.53 -1.73 0.00 N | 47.58 -1.38 0.00 N | 43.98 -1.37 0.00 N | |
| NM_CAPITAL___DRP | 15.39 | 50.60 | 207.88 | 48.17 | 24.58 | 49.67 | 122.56 | 129.27 | 92.50 | 93.19 | 95.24 | 93.95 | 93.45 | 89.96 | 91.97 | 85.43 | 90.66 | 90.18 | 93.64 | 100.33 | 92.26 | 61.66 | 50.88 | 47.19 | |

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|-------------------------------|--|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| 24208 | | 0.62 0.00 N | 2.22 -0.83 N | -0.31 -214.62 N | 1.14 -20.96 N | 0.99 0.00 N | 2.17 0.00 N | 5.16 0.00 N | 5.32 0.00 N | 3.99 0.00 N | 3.78 0.00 N | 3.98 0.00 N | 3.91 0.00 N | 4.05 0.00 N | 3.59 0.00 N | 3.95 0.00 N | 3.69 0.00 N | 3.77 0.00 N | 3.96 0.00 N | 4.02 0.00 N | 3.82 0.00 N | 3.58 0.00 N | 2.40 0.00 N | 1.92 0.00 N | 1.84 0.00 N |
| NM_CENTRAL___DRP 24181 | | 14.52 -0.25 0.00 N | 46.73 -0.87 -0.05 N | 6.81 0.11 -13.12 N | 26.93 -0.43 -1.28 N | 23.22 -0.37 0.00 N | 46.64 -0.86 0.00 N | 115.72 -1.68 0.00 N | 122.38 -1.56 0.00 N | 87.33 -1.18 0.00 N | 88.42 -0.99 0.00 N | 90.19 -1.07 0.00 N | 88.95 -1.10 0.00 N | 88.28 -1.13 0.00 N | 85.41 -0.97 0.00 N | 86.93 -1.09 0.00 N | 80.66 -1.07 0.00 N | 85.81 -1.08 0.00 N | 85.02 -1.20 0.00 N | 88.58 -1.04 0.00 N | 95.64 -0.87 0.00 N | 87.78 -0.89 0.00 N | 58.54 -0.72 0.00 N | 48.36 -0.60 0.00 N | 44.70 -0.65 0.00 N |
| NM_FRONTIER___DRP 24179 | | 13.87 -0.91 0.00 N | 44.59 -3.06 -0.10 N | 19.25 0.37 -25.30 N | 27.22 -1.33 -2.47 N | 22.35 -1.24 0.00 N | 44.00 -3.49 0.00 N | 107.95 -9.44 0.00 N | 113.48 -10.47 0.00 N | 80.66 -7.84 0.00 N | 82.48 -6.93 0.00 N | 83.30 -7.96 0.00 N | 81.88 -8.16 0.00 N | 81.24 -8.17 0.00 N | 79.39 -6.98 0.00 N | 80.29 -7.73 0.00 N | 74.36 -7.37 0.00 N | 79.85 -7.03 0.00 N | 78.59 -7.62 0.00 N | 81.38 -8.23 0.00 N | 89.15 -7.36 0.00 N | 82.74 -5.94 0.00 N | 55.56 -3.70 0.00 N | 46.96 -2.01 0.00 N | 42.81 -2.55 0.00 N |
| NM_ST_REGIS___HYD 24053 | | 13.65 -1.13 0.00 N | 43.18 -4.35 0.03 N | -12.76 0.54 6.87 N | 23.81 -1.60 0.67 N | 22.00 -1.60 0.00 N | 44.11 -3.39 0.00 N | 110.13 -7.27 0.00 N | 118.79 -5.15 0.00 N | 80.67 -7.83 0.00 N | 82.80 -6.61 0.00 N | 84.25 -7.01 0.00 N | 82.94 -7.10 0.00 N | 81.53 -7.88 0.00 N | 78.96 -7.41 0.00 N | 80.08 -7.94 0.00 N | 74.35 -7.38 0.00 N | 79.18 -7.71 0.00 N | 78.42 -7.79 0.00 N | 82.18 -7.44 0.00 N | 88.79 -7.72 0.00 N | 82.41 -6.27 0.00 N | 55.19 -4.07 0.00 N | 45.92 -3.04 0.00 N | 42.36 -2.99 0.00 N |
| NORTHPORT___1 23551 | | 62.67 1.32 -46.57 N | 85.75 3.84 -34.36 N | 170.84 -0.30 -177.57 N | 50.36 1.57 -22.70 N | 87.82 1.83 -62.40 N | 86.84 3.63 -35.71 N | 123.09 5.69 0.00 N | 127.58 4.81 1.18 N | 93.94 5.43 0.00 N | 94.44 5.03 0.00 N | 97.16 5.90 0.00 N | 96.01 5.97 0.00 N | 95.22 5.81 0.00 N | 93.06 6.36 -0.33 N | 93.92 5.90 0.00 N | 87.73 5.99 0.00 N | 92.98 6.10 0.00 N | 92.85 6.63 0.00 N | 96.41 6.77 -0.02 N | 103.16 6.65 0.00 N | 94.69 6.01 0.00 N | 87.92 4.51 -24.15 N | 92.58 3.69 -39.93 N | 80.25 3.49 -31.41 N |
| NORTHPORT___2 23552 | | 62.67 1.32 -46.57 N | 85.75 3.84 -34.36 N | 170.84 -0.30 -177.57 N | 50.36 1.57 -22.70 N | 87.82 1.83 -62.40 N | 86.84 3.63 -35.71 N | 123.09 5.69 0.00 N | 127.58 4.81 1.18 N | 93.94 5.43 0.00 N | 94.44 5.03 0.00 N | 97.16 5.90 0.00 N | 96.01 5.97 0.00 N | 95.22 5.81 0.00 N | 93.06 6.36 -0.33 N | 93.92 5.90 0.00 N | 87.73 5.99 0.00 N | 92.98 6.10 0.00 N | 92.85 6.63 0.00 N | 96.41 6.77 -0.02 N | 103.16 6.65 0.00 N | 94.69 6.01 0.00 N | 87.92 4.51 -24.15 N | 92.58 3.69 -39.93 N | 80.25 3.49 -31.41 N |
| NORTHPORT___3 23553 | | 62.64 1.29 -46.57 N | 85.77 3.80 -34.42 N | 170.92 -0.27 -177.62 N | 50.37 1.53 -22.76 N | 88.39 1.78 -63.02 N | 87.13 3.56 -36.06 N | 123.12 5.72 0.00 N | 107.88 4.53 20.59 N | 93.91 5.40 0.00 N | 94.42 5.01 0.00 N | 96.99 5.73 0.00 N | 95.87 5.83 0.00 N | 95.09 5.68 0.00 N | 93.04 6.33 -0.33 N | 93.77 5.75 0.00 N | 87.69 5.96 0.00 N | 92.95 6.06 0.00 N | 92.93 6.72 0.00 N | 96.31 6.66 -0.02 N | 103.09 6.57 0.00 N | 94.51 5.84 0.00 N | 87.86 4.45 -24.15 N | 92.56 3.67 -39.93 N | 80.22 3.46 -31.41 N |
| NORTHPORT___4 23650 | | 62.64 1.29 -46.57 N | 85.77 3.80 -34.42 N | 170.92 -0.27 -177.62 N | 50.37 1.53 -22.76 N | 88.39 1.78 -63.02 N | 87.13 3.56 -36.06 N | 123.12 5.72 0.00 N | 107.88 4.53 20.59 N | 93.91 5.40 0.00 N | 94.42 5.01 0.00 N | 96.99 5.73 0.00 N | 95.87 5.83 0.00 N | 95.09 5.68 0.00 N | 93.04 6.33 -0.33 N | 93.77 5.75 0.00 N | 87.69 5.96 0.00 N | 92.95 6.06 0.00 N | 92.93 6.72 0.00 N | 96.31 6.66 -0.02 N | 103.09 6.57 0.00 N | 94.51 5.84 0.00 N | 87.86 4.45 -24.15 N | 92.56 3.67 -39.93 N | 80.22 3.46 -31.41 N |
| NORTHPORT___IC 23718 | | 62.67 1.32 -46.57 N | 85.75 3.84 -34.36 N | 170.84 -0.30 -177.57 N | 50.36 1.57 -22.70 N | 87.82 1.83 -62.40 N | 86.84 3.63 -35.71 N | 123.09 5.69 0.00 N | 127.58 4.81 1.18 N | 93.94 5.43 0.00 N | 94.44 5.03 0.00 N | 97.16 5.90 0.00 N | 96.01 5.97 0.00 N | 95.22 5.81 0.00 N | 93.06 6.36 -0.33 N | 93.92 5.90 0.00 N | 87.73 5.99 0.00 N | 92.98 6.10 0.00 N | 92.85 6.63 0.00 N | 96.41 6.77 -0.02 N | 103.16 6.65 0.00 N | 94.69 6.01 0.00 N | 87.92 4.51 -24.15 N | 92.58 3.69 -39.93 N | 80.25 3.49 -31.41 N |
| NPX_GEN_CSC 323557 | | 62.69 1.34 -46.57 N | 98.89 2.42 -73.43 N | 170.53 -0.39 -177.34 N | 50.40 1.88 -22.44 N | 85.22 2.04 -59.58 N | 85.41 3.81 -34.10 N | 121.35 3.95 0.00 N | 124.44 2.65 2.15 N | 106.16 7.13 -5.93 N | 92.17 2.76 0.00 N | 96.23 4.97 0.00 N | 95.47 5.43 0.00 N | 94.56 5.16 0.00 N | 92.56 5.86 -0.33 N | 93.37 5.35 0.00 N | 87.35 5.62 0.00 N | 92.57 5.69 0.00 N | 92.44 6.22 0.00 N | 96.39 6.74 -0.02 N | 103.18 6.66 0.00 N | 112.16 6.10 -15.41 N | 88.00 4.59 -24.15 N | 92.64 3.75 -39.93 N | 80.45 3.69 -31.41 N |
| NSINS_S_GLNS_FALLS 23858 | | 15.19 0.42 0.00 N | 50.12 1.71 -0.85 N | 213.87 -0.26 -220.55 N | 48.48 0.86 -21.54 N | 24.28 0.68 0.00 N | 49.21 1.71 0.00 N | 121.70 4.30 0.00 N | 128.51 4.57 0.00 N | 91.70 3.20 0.00 N | 91.67 2.27 0.00 N | 93.94 2.68 0.00 N | 92.58 2.54 0.00 N | 92.94 3.53 0.00 N | 88.94 2.57 0.00 N | 91.10 3.08 0.00 N | 84.65 2.91 0.00 N | 89.88 3.00 0.00 N | 89.71 3.49 0.00 N | 92.63 3.01 0.00 N | 99.38 2.87 0.00 N | 91.72 3.05 0.00 N | 61.13 1.87 0.00 N | 50.47 1.51 0.00 N | 46.66 1.31 0.00 N |
| NUCOR_STEEL___DRP 24197 | | 14.31 -0.46 0.00 N | 45.49 -2.15 -0.08 N | 15.11 0.30 -21.24 N | 27.33 -0.82 -2.08 N | 22.91 -0.69 0.00 N | 45.42 -2.08 0.00 N | 113.03 -4.37 0.00 N | 119.75 -4.19 0.00 N | 85.45 -3.06 0.00 N | 86.67 -2.73 0.00 N | 88.57 -2.68 0.00 N | 86.97 -3.07 0.00 N | 86.27 -3.14 0.00 N | 83.53 -2.84 0.00 N | 84.90 -3.13 0.00 N | 78.76 -2.98 0.00 N | 83.89 -2.99 0.00 N | 83.12 -3.10 0.00 N | 86.81 -2.81 0.00 N | 93.91 -2.60 0.00 N | 86.10 -2.58 0.00 N | 57.32 -1.94 0.00 N | 47.28 -1.68 0.00 N | 43.52 -1.83 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | | 14.78 0.00 0.00 N | 47.56 0.00 0.00 N | -6.43 0.00 0.00 N | 26.08 0.00 0.00 N | 23.59 0.00 0.00 N | 47.50 0.00 0.00 N | 117.40 0.00 0.00 N | 123.94 0.00 0.00 N | 88.51 0.00 0.00 N | 89.41 0.00 0.00 N | 91.26 0.00 0.00 N | 90.04 0.00 0.00 N | 89.41 0.00 0.00 N | 86.37 0.00 0.00 N | 88.02 0.00 0.00 N | 81.74 0.00 0.00 N | 86.89 0.00 0.00 N | 86.21 0.00 0.00 N | 89.62 0.00 0.00 N | 96.51 0.00 0.00 N | 88.68 0.00 0.00 N | 59.26 0.00 0.00 N | 48.96 0.00 0.00 N | 45.35 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | | 62.78 1.43 -46.57 N | 86.02 4.34 -34.13 N | 170.57 -0.38 -177.37 N | 50.43 1.87 -22.48 N | 85.72 2.10 -60.02 N | 85.92 4.06 -34.35 N | 123.68 6.28 0.00 N | 127.55 5.70 2.09 N | 94.94 6.43 0.00 N | 95.44 6.03 0.00 N | 98.38 7.12 0.00 N | 97.25 7.21 0.00 N | 96.42 7.02 0.00 N | 94.22 7.52 -0.33 N | 95.08 7.06 0.00 N | 88.84 7.10 0.00 N | 93.70 6.82 0.00 N | 93.31 7.10 0.00 N | 97.12 7.48 -0.02 N | 104.06 7.55 0.00 N | 95.88 7.20 0.00 N | 88.78 5.36 -24.15 N | 93.21 4.32 -39.93 N | 80.79 4.03 -31.41 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------------|------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------------|---------------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|------------------------------|
| NYPA_GOWANUS____GT5 24156 | 16.35 1.58 0.00 N | 53.10 4.88 -0.66 N | 165.46 -0.55 -172.44 N | 45.29 2.37 -16.84 N | 25.85 2.25 0.00 N | 52.46 4.96 0.00 N | 128.98 11.58 0.00 N | 136.39 12.44 0.00 N | 99.40 10.89 0.00 N | 100.47 11.06 0.00 N | 103.03 11.77 0.00 N | 101.62 11.58 0.00 N | 100.46 11.05 0.00 N | 97.16 10.79 0.00 N | 99.49 11.47 0.00 N | 92.47 10.74 0.00 N | 98.20 11.32 0.00 N | 97.29 11.08 0.00 N | 101.26 11.64 0.00 N | 108.46 11.94 0.00 N | 99.16 10.48 0.00 N | 66.24 6.98 0.00 N | 54.44 5.48 0.00 N | 50.46 5.11 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 16.35 1.58 0.00 N | 53.10 4.88 -0.66 N | 165.46 -0.55 -172.44 N | 45.29 2.37 -16.84 N | 25.85 2.25 0.00 N | 52.46 4.96 0.00 N | 128.98 11.58 0.00 N | 136.39 12.44 0.00 N | 99.40 10.89 0.00 N | 100.47 11.06 0.00 N | 103.03 11.77 0.00 N | 101.62 11.58 0.00 N | 100.46 11.05 0.00 N | 97.16 10.79 0.00 N | 99.49 11.47 0.00 N | 92.47 10.74 0.00 N | 98.20 11.32 0.00 N | 97.29 11.08 0.00 N | 101.26 11.64 0.00 N | 108.46 11.94 0.00 N | 99.16 10.48 0.00 N | 66.24 6.98 0.00 N | 54.44 5.48 0.00 N | 50.46 5.11 0.00 N |
| NYPA_HARLEM_RVR_GT1 24160 | 16.55 1.77 0.00 N | 53.76 5.54 -0.66 N | 165.37 -0.65 -172.44 N | 45.70 2.79 -16.84 N | 26.28 2.68 0.00 N | 53.34 5.84 0.00 N | 130.54 13.14 0.00 N | 138.79 14.85 0.00 N | 100.68 12.17 0.00 N | 101.61 12.20 0.00 N | 104.46 13.20 0.00 N | 103.15 13.11 0.00 N | 101.65 12.24 0.00 N | 98.15 11.78 0.00 N | 100.55 12.53 0.00 N | 93.47 11.74 0.00 N | 99.50 12.61 0.00 N | 98.69 12.47 0.00 N | 102.58 12.96 0.00 N | 110.02 13.51 0.00 N | 100.64 11.96 0.00 N | 67.26 8.00 0.00 N | 55.21 6.25 0.00 N | 51.19 5.84 0.00 N |
| NYPA_HARLEM_RVR_GT2 24161 | 16.55 1.77 0.00 N | 53.76 5.54 -0.66 N | 165.37 -0.65 -172.44 N | 45.70 2.79 -16.84 N | 26.28 2.68 0.00 N | 53.34 5.84 0.00 N | 130.54 13.14 0.00 N | 138.79 14.85 0.00 N | 100.68 12.17 0.00 N | 101.61 12.20 0.00 N | 104.46 13.20 0.00 N | 103.15 13.11 0.00 N | 101.65 12.24 0.00 N | 98.15 11.78 0.00 N | 100.55 12.53 0.00 N | 93.47 11.74 0.00 N | 99.50 12.61 0.00 N | 98.69 12.47 0.00 N | 102.58 12.96 0.00 N | 110.02 13.51 0.00 N | 100.64 11.96 0.00 N | 67.26 8.00 0.00 N | 55.21 6.25 0.00 N | 51.19 5.84 0.00 N |
| NYPA_KENT____GT 24152 | 16.23 1.46 0.00 N | 52.75 4.53 -0.66 N | 165.50 -0.52 -172.44 N | 45.11 2.20 -16.84 N | 25.70 2.11 0.00 N | 52.13 4.63 0.00 N | 128.21 10.81 0.00 N | 135.58 11.63 0.00 N | 98.55 10.04 0.00 N | 99.58 10.17 0.00 N | 102.11 10.85 0.00 N | 100.75 10.71 0.00 N | 99.62 10.21 0.00 N | 96.34 9.97 0.00 N | 98.60 10.58 0.00 N | 91.65 9.91 0.00 N | 97.39 10.50 0.00 N | 96.52 10.31 0.00 N | 100.42 10.80 0.00 N | 107.59 11.08 0.00 N | 98.35 9.67 0.00 N | 65.69 6.43 0.00 N | 53.98 5.02 0.00 N | 50.03 4.68 0.00 N |
| NYPA_POUCH1____GT 24155 | 16.35 1.57 0.00 N | 53.08 4.86 -0.66 N | 165.46 -0.55 -172.44 N | 45.29 2.37 -16.84 N | 25.85 2.25 0.00 N | 52.46 4.96 0.00 N | 129.07 11.67 0.00 N | 136.48 12.53 0.00 N | 99.40 10.89 0.00 N | 100.43 11.02 0.00 N | 102.98 11.72 0.00 N | 145.60 11.46 -44.11 N | 122.41 11.00 -22.01 N | 97.16 10.79 0.00 N | 99.42 11.40 0.00 N | 92.41 10.68 0.00 N | 98.16 11.28 0.00 N | 166.77 10.95 -69.61 N | 102.37 11.50 -1.25 N | 256.50 11.92 -148.07 N | 267.63 10.55 -168.40 N | 290.49 7.01 -224.22 N | 54.43 5.47 0.00 N | 50.44 5.09 0.00 N |
| NYPA_VERNON____GT2 24162 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N |
| NYPA_VERNON____GT3 24163 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 16.24 1.46 0.00 N | 52.79 4.57 -0.66 N | 165.48 -0.53 -172.44 N | 45.16 2.24 -16.84 N | 25.75 2.16 0.00 N | 52.23 4.73 0.00 N | 128.37 10.97 0.00 N | 135.84 11.89 0.00 N | 98.53 10.02 0.00 N | 99.51 10.10 0.00 N | 102.13 10.87 0.00 N | 100.87 10.83 0.00 N | 99.66 10.25 0.00 N | 96.78 9.90 -0.51 N | 199.11 10.58 -100.51 N | 92.93 9.93 -1.26 N | 98.72 10.60 -1.24 N | 97.29 10.47 -0.61 N | 100.53 10.91 0.00 N | 107.74 11.23 0.00 N | 98.49 9.81 0.00 N | 65.75 6.49 0.00 N | 54.02 5.06 0.00 N | 50.07 4.72 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 16.24 1.46 0.00 N | 52.79 4.57 -0.66 N | 165.48 -0.53 -172.44 N | 45.16 2.24 -16.84 N | 25.75 2.16 0.00 N | 52.23 4.73 0.00 N | 128.37 10.97 0.00 N | 135.84 11.89 0.00 N | 98.53 10.02 0.00 N | 99.51 10.10 0.00 N | 102.13 10.87 0.00 N | 100.87 10.83 0.00 N | 99.66 10.25 0.00 N | 96.78 9.90 -0.51 N | 199.11 10.58 -100.51 N | 92.93 9.93 -1.26 N | 98.72 10.60 -1.24 N | 97.29 10.47 -0.61 N | 100.53 10.91 0.00 N | 107.74 11.23 0.00 N | 98.49 9.81 0.00 N | 65.75 6.49 0.00 N | 54.02 5.06 0.00 N | 50.07 4.72 0.00 N |
| NYPA____HOLTSVILL 23794 | 62.70 1.35 -46.57 N | 85.92 4.27 -34.09 N | 170.54 -0.38 -177.34 N | 50.37 1.84 -22.45 N | 85.32 2.06 -59.67 N | 85.52 3.87 -34.15 N | 122.25 4.85 0.00 N | 125.82 3.99 2.12 N | 93.34 4.84 0.00 N | 93.54 4.13 0.00 N | 97.07 5.82 0.00 N | 96.16 6.12 0.00 N | 95.28 5.87 0.00 N | 93.20 6.50 -0.33 N | 94.03 6.01 0.00 N | 87.97 6.23 0.00 N | 93.19 6.30 0.00 N | 93.02 6.81 0.00 N | 96.93 7.29 -0.02 N | 103.78 7.27 0.00 N | 95.28 6.60 0.00 N | 88.25 4.83 -24.15 N | 92.81 3.92 -39.93 N | 80.49 3.73 -31.41 N |
| NYPA____HELLGATE_GT1 24158 | 16.55 1.77 0.00 N | 53.76 5.54 -0.66 N | 165.37 -0.65 -172.44 N | 45.70 2.79 -16.84 N | 26.28 2.68 0.00 N | 53.34 5.84 0.00 N | 130.54 13.14 0.00 N | 138.79 14.85 0.00 N | 100.68 12.17 0.00 N | 101.61 12.20 0.00 N | 104.46 13.20 0.00 N | 103.15 13.11 0.00 N | 101.65 12.24 0.00 N | 98.15 11.78 0.00 N | 100.55 12.53 0.00 N | 93.47 11.74 0.00 N | 99.51 12.62 0.00 N | 98.69 12.48 0.00 N | 102.67 13.05 0.00 N | 110.10 13.59 0.00 N | 100.64 11.96 0.00 N | 67.26 8.00 0.00 N | 55.21 6.25 0.00 N | 51.19 5.84 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 16.55 1.77 0.00 N | 53.76 5.54 -0.66 N | 165.37 -0.65 -172.44 N | 45.70 2.79 -16.84 N | 26.28 2.68 0.00 N | 53.34 5.84 0.00 N | 130.54 13.14 0.00 N | 138.79 14.85 0.00 N | 100.68 12.17 0.00 N | 101.61 12.20 0.00 N | 104.46 13.20 0.00 N | 103.15 13.11 0.00 N | 101.65 12.24 0.00 N | 98.15 11.78 0.00 N | 100.55 12.53 0.00 N | 93.47 11.74 0.00 N | 99.51 12.62 0.00 N | 98.69 12.48 0.00 N | 102.67 13.05 0.00 N | 110.10 13.59 0.00 N | 100.64 11.96 0.00 N | 67.26 8.00 0.00 N | 55.21 6.25 0.00 N | 51.19 5.84 0.00 N |
| NYS_BARGE____HYD 23848 | 13.84 -0.94 0.00 | 44.53 -3.12 -0.09 | 18.63 0.38 -24.68 | 27.11 -1.38 -2.41 | 22.31 -1.29 0.00 | 43.97 -3.53 0.00 | 108.10 -9.30 0.00 | 113.43 -10.51 0.00 | 80.53 -7.98 0.00 | 82.32 -7.09 0.00 | 83.18 -8.08 0.00 | 81.75 -8.29 0.00 | 81.12 -8.29 0.00 | 79.22 -7.15 0.00 | 80.16 -7.86 0.00 | 74.29 -7.44 0.00 | 79.85 -7.03 0.00 | 78.62 -7.60 0.00 | 81.49 -8.13 0.00 | 89.23 -7.28 0.00 | 82.73 -5.95 0.00 | 55.51 -3.75 0.00 | 46.90 -2.06 0.00 | 42.75 -2.60 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 |
| O.H_GEN_BRUCE 24063 | 13.75 | 35.00 | 18.35 | 26.94 | 22.18 | 43.67 | 107.13 | 112.54 | 67.87 | 81.81 | 82.65 | 81.25 | 80.61 | 78.75 | 79.68 | 73.82 | 79.24 | 78.00 | 80.76 | 88.41 | 99.26 | 55.06 | 46.52 | 42.44 | |
| | -1.03 | -1.88 | 0.42 | -1.51 | -1.41 | -3.83 | -10.27 | -11.41 | -10.43 | -7.60 | -8.60 | -8.79 | -8.80 | -7.62 | -8.34 | -7.92 | -7.65 | -8.21 | -8.86 | -8.11 | -6.80 | -4.20 | -2.44 | -2.91 | |
| | 0.00 | -13.83 | -24.37 | -2.38 | 0.00 | 0.00 | 0.00 | 0.00 | 14.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -15.41 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OAK ORCHARD___HYD 24046 | 14.18 | 45.55 | 14.75 | 27.20 | 22.76 | 45.37 | 112.34 | 118.71 | 84.46 | 85.95 | 87.29 | 85.91 | 85.23 | 82.84 | 83.99 | 77.84 | 83.32 | 82.30 | 85.72 | 93.26 | 85.98 | 57.40 | 47.79 | 43.75 | |
| | -0.59 | -2.08 | 0.25 | -0.92 | -0.83 | -2.13 | -5.06 | -5.23 | -4.04 | -3.46 | -3.96 | -4.13 | -4.17 | -3.53 | -4.03 | -3.89 | -3.57 | -3.91 | -3.90 | -3.25 | -2.70 | -1.86 | -1.18 | -1.60 | |
| | 0.00 | -0.08 | -20.93 | -2.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OCC_CHEM___DRP 24175 | 13.86 | 44.59 | 19.24 | 27.23 | 22.36 | 44.02 | 108.04 | 113.53 | 80.73 | 82.52 | 83.36 | 81.91 | 81.28 | 79.41 | 80.30 | 74.43 | 79.90 | 78.63 | 81.45 | 89.23 | 82.80 | 55.58 | 46.97 | 42.81 | |
| | -0.92 | -3.06 | 0.37 | -1.32 | -1.24 | -3.48 | -9.36 | -10.42 | -7.78 | -6.89 | -7.90 | -8.13 | -8.13 | -6.96 | -7.72 | -7.30 | -6.99 | -7.58 | -8.17 | -7.28 | -5.88 | -3.68 | -1.99 | -2.54 | |
| | 0.00 | -0.10 | -25.30 | -2.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OLIN_CORP_DRP 24177 | 13.79 | 44.40 | 19.59 | 27.13 | 22.25 | 43.81 | 107.58 | 112.97 | 80.31 | 82.08 | 82.91 | 81.50 | 80.88 | 79.00 | 79.93 | 74.07 | 79.56 | 78.29 | 81.12 | 88.83 | 82.38 | 55.28 | 46.71 | 42.62 | |
| | -0.98 | -3.26 | 0.40 | -1.45 | -1.35 | -3.69 | -9.82 | -10.97 | -8.20 | -7.33 | -8.35 | -8.54 | -8.53 | -7.37 | -8.09 | -7.66 | -7.33 | -7.92 | -8.50 | -7.68 | -6.29 | -3.98 | -2.25 | -2.73 | |
| | 0.00 | -0.10 | -25.62 | -2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ONONDAGA_REF_OCCRA 23987 | 14.56 | 46.72 | 9.62 | 27.21 | 23.24 | 46.63 | 115.82 | 122.53 | 87.42 | 88.50 | 90.30 | 89.00 | 88.34 | 85.44 | 86.96 | 80.70 | 85.85 | 85.10 | 88.71 | 95.76 | 87.88 | 58.57 | 48.34 | 44.66 | |
| | -0.22 | -0.90 | 0.12 | -0.43 | -0.36 | -0.87 | -1.58 | -1.41 | -1.09 | -0.91 | -0.96 | -1.04 | -1.07 | -0.93 | -1.06 | -1.03 | -1.04 | -1.11 | -0.91 | -0.75 | -0.80 | -0.69 | -0.62 | -0.69 | |
| | 0.00 | -0.06 | -15.93 | -1.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ONONDAGA___COGEN 23986 | 14.58 | 46.89 | 10.22 | 27.35 | 23.30 | 46.82 | 116.34 | 123.05 | 87.81 | 88.88 | 90.66 | 89.36 | 88.70 | 85.79 | 87.32 | 81.01 | 86.23 | 85.49 | 89.14 | 96.21 | 88.30 | 58.85 | 48.55 | 44.84 | |
| | -0.19 | -0.74 | 0.09 | -0.35 | -0.29 | -0.69 | -1.06 | -0.90 | -0.69 | -0.53 | -0.59 | -0.67 | -0.71 | -0.58 | -0.70 | -0.72 | -0.65 | -0.72 | -0.48 | -0.30 | -0.38 | -0.41 | -0.41 | -0.52 | |
| | 0.00 | -0.06 | -16.56 | -1.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| ONTARIO___LFGE 23819 | 14.20 | 45.56 | 18.19 | 27.50 | 22.77 | 45.37 | 112.90 | 118.74 | 84.44 | 85.98 | 87.57 | 85.89 | 85.40 | 82.74 | 83.85 | 77.75 | 82.97 | 82.00 | 85.53 | 92.62 | 84.94 | 56.63 | 47.03 | 43.33 | |
| | -0.58 | -2.09 | 0.25 | -0.95 | -0.82 | -2.13 | -4.49 | -5.20 | -4.07 | -3.43 | -3.69 | -4.15 | -4.01 | -3.63 | -4.18 | -3.98 | -3.92 | -4.21 | -4.09 | -3.90 | -3.73 | -2.63 | -1.93 | -2.02 | |
| | 0.00 | -0.09 | -24.37 | -2.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OSWEGATCHIE___HYD 24044 | 13.88 | 44.14 | -5.99 | 24.69 | 22.25 | 44.77 | 112.04 | 120.22 | 83.05 | 84.86 | 86.44 | 85.16 | 83.96 | 81.24 | 82.48 | 76.51 | 81.38 | 80.66 | 84.62 | 91.36 | 84.28 | 56.24 | 46.53 | 42.91 | |
| | -0.89 | -3.42 | 0.44 | -1.38 | -1.34 | -2.73 | -5.36 | -3.72 | -5.46 | -4.55 | -4.81 | -4.88 | -5.44 | -5.13 | -5.54 | -5.23 | -5.50 | -5.55 | -5.00 | -5.15 | -4.40 | -3.02 | -2.43 | -2.44 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OSWEGO___5 23606 | 14.40 | 46.34 | 5.92 | 26.62 | 23.02 | 46.24 | 114.51 | 120.97 | 86.32 | 87.34 | 89.08 | 87.82 | 87.19 | 84.32 | 85.86 | 79.68 | 84.78 | 84.05 | 87.45 | 94.37 | 86.70 | 57.87 | 47.85 | 44.23 | |
| | -0.38 | -1.26 | 0.16 | -0.65 | -0.58 | -1.26 | -2.89 | -2.98 | -2.18 | -2.07 | -2.18 | -2.22 | -2.22 | -2.05 | -2.16 | -2.06 | -2.11 | -2.16 | -2.17 | -2.14 | -1.98 | -1.39 | -1.11 | -1.12 | |
| | 0.00 | -0.05 | -12.18 | -1.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OSWEGO___6 23613 | 14.40 | 46.34 | 5.92 | 26.62 | 23.02 | 46.24 | 114.51 | 120.97 | 86.32 | 87.34 | 89.08 | 87.82 | 87.19 | 84.32 | 85.86 | 79.68 | 84.78 | 84.05 | 87.45 | 94.37 | 86.70 | 57.87 | 47.85 | 44.23 | |
| | -0.38 | -1.26 | 0.16 | -0.65 | -0.58 | -1.26 | -2.89 | -2.98 | -2.18 | -2.07 | -2.18 | -2.22 | -2.22 | -2.05 | -2.16 | -2.06 | -2.11 | -2.16 | -2.17 | -2.14 | -1.98 | -1.39 | -1.11 | -1.12 | |
| | 0.00 | -0.05 | -12.18 | -1.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OUTOKUMPU-AB___DRP 24206 | 13.95 | 44.93 | 20.13 | 27.45 | 22.50 | 44.40 | 109.42 | 114.97 | 81.61 | 83.35 | 84.28 | 82.83 | 82.17 | 80.24 | 81.22 | 75.25 | 80.78 | 79.50 | 82.56 | 90.35 | 83.67 | 56.07 | 47.25 | 43.11 | |
| | -0.83 | -2.73 | 0.31 | -1.19 | -1.10 | -3.10 | -7.98 | -8.97 | -6.90 | -6.06 | -6.98 | -7.20 | -7.24 | -6.13 | -6.79 | -6.49 | -6.10 | -6.71 | -7.06 | -6.16 | -5.01 | -3.20 | -1.72 | -2.24 | |
| | 0.00 | -0.10 | -26.24 | -2.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| OSBOW____ 24026 | 13.93 | 44.83 | 19.52 | 27.35 | 22.45 | 44.27 | 108.94 | 114.49 | 81.34 | 83.11 | 84.00 | 82.54 | 81.90 | 79.98 | 80.92 | 74.98 | 80.49 | 79.23 | 82.18 | 89.99 | 83.40 | 55.92 | 47.19 | 43.04 | |
| | -0.84 | -2.83 | 0.33 | -1.22 | -1.14 | -3.23 | -8.46 | -9.45 | -7.17 | -6.29 | -7.26 | -7.50 | -7.51 | -6.39 | -7.09 | -6.76 | -6.39 | -6.98 | -7.44 | -6.52 | -5.28 | -3.34 | -1.77 | -2.31 | |
| | 0.00 | -0.10 | -25.62 | -2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| PEEKSKILL____ 23653 | 15.66 | 51.03 | 163.51 | 44.05 | 24.86 | 50.32 | 124.08 | 131.07 | 94.56 | 95.41 | 97.63 | 96.45 | 95.62 | 92.37 | 94.23 | 87.60 | 93.07 | 92.46 | 96.08 | 103.12 | 94.39 | 63.01 | 51.79 | 48.03 | |
| | 0.89 | 2.81 | -0.32 | 1.34 | 1.27 | 2.83 | 6.68 | 7.12 | 6.05 | 6.00 | 6.37 | 6.41 | 6.21 | 6.00 | 6.20 | 5.87 | 6.18 | 6.24 | 6.46 | 6.61 | 5.71 | 3.75 | 2.83 | 2.67 | |
| | 0.00 | -0.66 | -170.26 | -16.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| PGE MADISON___WINDPWR | 14.71 | 47.07 | 48.64 | 31.30 | 23.55 | 46.93 | 117.64 | 124.51 | 88.86 | 90.04 | 92.06 | 90.42 | 89.71 | 86.75 | 88.30 | 81.90 | 87.26 | 86.47 | 90.62 | 97.85 | 89.40 | 59.37 | 48.72 | 44.98 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
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| 24146 | -0.06 0.00 N | -0.70 -0.21 N | 0.09 -54.98 N | -0.14 -5.37 N | -0.04 0.00 N | -0.57 0.00 N | 0.24 0.00 N | 0.57 0.00 N | 0.35 0.00 N | 0.63 0.00 N | 0.80 0.00 N | 0.38 0.00 N | 0.31 0.00 N | 0.39 0.00 N | 0.28 0.00 N | 0.17 0.00 N | 0.38 0.00 N | 0.26 0.00 N | 1.00 0.00 N | 1.33 0.00 N | 0.72 0.00 N | 0.11 0.00 N | -0.24 0.00 N | -0.37 0.00 N |
| PIERCEFIELD___HYD 23852 | 13.61 -1.17 0.00 N | 43.02 -4.51 0.03 N | -12.42 0.57 6.56 N | 23.74 -1.70 0.64 N | 21.92 -1.68 0.00 N | 43.96 -3.54 0.00 N | 109.78 -7.62 0.00 N | 118.42 -5.52 0.00 N | 80.48 -8.02 0.00 N | 82.63 -6.78 0.00 N | 84.12 -7.14 0.00 N | 82.81 -7.23 0.00 N | 81.39 -8.02 0.00 N | 78.82 -7.55 0.00 N | 79.95 -8.07 0.00 N | 74.20 -7.53 0.00 N | 79.00 -7.89 0.00 N | 78.21 -8.01 0.00 N | 82.05 -7.57 0.00 N | 88.61 -7.90 0.00 N | 82.19 -6.49 0.00 N | 55.02 -4.25 0.00 N | 45.76 -3.20 0.00 N | 42.20 -3.15 0.00 N |
| PINELAWN_CC_1 323563 | 62.81 1.46 -46.57 N | 85.58 4.39 -33.64 N | 170.13 -0.40 -176.95 N | 50.01 1.93 -22.00 N | 80.62 2.10 -54.92 N | 83.10 4.17 -31.43 N | 124.79 7.39 0.00 N | 129.55 7.09 1.49 N | 95.68 7.18 0.00 N | 96.28 6.87 0.00 N | 99.02 7.77 0.00 N | 97.84 7.79 0.00 N | 97.01 7.61 0.00 N | 94.69 7.99 -0.33 N | 95.54 7.52 0.00 N | 89.23 7.50 0.00 N | 94.57 7.69 0.00 N | 94.38 8.16 0.00 N | 98.17 8.53 -0.02 N | 105.12 8.60 0.00 N | 96.44 7.76 0.00 N | 89.01 5.60 -24.15 N | 93.38 4.49 -39.93 N | 80.89 4.13 -31.41 N |
| PJM_GEN_KEYSTONE 24065 | 12.99 -1.78 0.00 N | 36.06 -3.12 -16.14 N | 33.85 0.60 -39.68 N | 27.07 -2.88 -3.87 N | 21.06 -2.54 0.00 N | 25.00 -3.73 7.51 N | 75.00 -6.12 -2.82 N | 110.12 -13.82 0.00 N | 65.01 -13.29 14.79 N | 79.27 -10.14 0.00 N | 80.72 -10.54 0.00 N | 79.32 -10.72 0.00 N | 78.76 -10.65 0.00 N | 76.40 -9.97 0.00 N | 78.34 -9.68 0.00 N | 72.95 -8.78 0.00 N | 78.17 -8.72 0.00 N | 77.13 -9.09 0.00 N | 81.72 -7.90 0.00 N | 85.00 -5.30 -3.85 N | 100.00 -9.88 -19.23 N | 53.06 -6.20 0.00 N | 43.96 -5.00 0.00 N | 40.93 -4.42 0.00 N |
| PLEASANTVLY___LBMP 24000 | 15.67 0.90 0.00 N | 51.16 2.91 -0.69 N | 172.54 -0.35 -179.32 N | 45.00 1.41 -17.51 N | 24.91 1.32 0.00 N | 50.40 2.90 0.00 N | 124.16 6.76 0.00 N | 130.99 7.04 0.00 N | 94.39 5.88 0.00 N | 95.20 5.79 0.00 N | 97.41 6.15 0.00 N | 96.20 6.16 0.00 N | 95.44 6.03 0.00 N | 92.13 5.76 0.00 N | 94.05 6.03 0.00 N | 87.42 5.68 0.00 N | 92.83 5.94 0.00 N | 92.27 6.06 0.00 N | 95.86 6.24 0.00 N | 102.79 6.28 0.00 N | 94.20 5.52 0.00 N | 62.93 3.67 0.00 N | 51.79 2.83 0.00 N | 48.06 2.71 0.00 N |
| POLETTI___ 23519 | 15.79 1.02 0.00 N | 51.40 3.18 -0.66 N | 165.65 -0.36 -172.44 N | 44.44 1.52 -16.84 N | 25.07 1.47 0.00 N | 50.79 3.29 0.00 N | 125.31 7.90 0.00 N | 132.41 8.47 0.00 N | 95.69 7.18 0.00 N | 96.63 7.22 0.00 N | 98.96 7.70 0.00 N | 97.75 7.70 0.00 N | 96.88 7.47 0.00 N | 93.63 7.25 0.00 N | 95.59 7.57 0.00 N | 88.87 7.14 0.00 N | 94.38 7.49 0.00 N | 93.69 7.48 0.00 N | 97.47 7.85 0.00 N | 104.47 7.96 0.00 N | 95.52 6.84 0.00 N | 63.70 4.44 0.00 N | 52.33 3.37 0.00 N | 48.49 3.14 0.00 N |
| PORT_JEFF_3 23555 | 62.73 1.39 -46.57 N | 86.01 4.36 -34.09 N | 170.53 -0.39 -177.34 N | 50.41 1.89 -22.45 N | 85.37 2.10 -59.67 N | 85.60 3.95 -34.15 N | 122.36 4.95 0.00 N | 125.81 4.04 2.17 N | 93.31 4.80 0.00 N | 93.50 4.09 0.00 N | 96.89 5.63 0.00 N | 96.00 5.95 0.00 N | 95.11 5.71 0.00 N | 93.10 6.40 -0.33 N | 93.89 5.87 0.00 N | 87.89 6.15 0.00 N | 93.11 6.22 0.00 N | 92.90 6.69 0.00 N | 96.72 7.07 -0.02 N | 103.58 7.07 0.00 N | 95.15 6.47 0.00 N | 88.18 4.76 -24.15 N | 92.80 3.91 -39.93 N | 80.54 3.77 -31.41 N |
| PORT_JEFF_4 23616 | 62.73 1.39 -46.57 N | 86.01 4.36 -34.09 N | 170.53 -0.39 -177.34 N | 50.41 1.89 -22.45 N | 85.37 2.10 -59.67 N | 85.60 3.95 -34.15 N | 122.33 4.93 0.00 N | 125.79 4.02 2.17 N | 93.30 4.79 0.00 N | 93.48 4.07 0.00 N | 96.87 5.62 0.00 N | 95.98 5.94 0.00 N | 95.10 5.69 0.00 N | 93.10 6.40 -0.33 N | 93.86 5.84 0.00 N | 87.86 6.12 0.00 N | 93.10 6.22 0.00 N | 92.88 6.67 0.00 N | 96.70 7.05 -0.02 N | 103.56 7.05 0.00 N | 95.14 6.46 0.00 N | 88.16 4.75 -24.15 N | 92.80 3.91 -39.93 N | 80.53 3.77 -31.41 N |
| PORT_JEFF_IC 23713 | 62.75 1.40 -46.57 N | 86.10 4.46 -34.09 N | 170.51 -0.40 -177.34 N | 50.45 1.93 -22.44 N | 85.33 2.15 -59.58 N | 85.66 4.06 -34.10 N | 122.78 5.38 0.00 N | 126.15 4.57 2.37 N | 93.70 5.19 0.00 N | 93.89 4.48 0.00 N | 97.30 6.04 0.00 N | 96.36 6.32 0.00 N | 95.49 6.08 0.00 N | 93.45 6.75 -0.33 N | 94.25 6.22 0.00 N | 88.21 6.48 0.00 N | 93.45 6.56 0.00 N | 93.14 6.93 0.00 N | 97.02 7.37 -0.02 N | 103.91 7.40 0.00 N | 95.56 6.88 0.00 N | 88.43 5.01 -24.15 N | 92.99 4.09 -39.93 N | 80.67 3.91 -31.41 N |
| PPL PILGRIM_ST_GT1 24216 | 62.78 1.43 -46.57 N | 86.02 4.34 -34.13 N | 170.57 -0.38 -177.37 N | 50.43 1.87 -22.48 N | 85.72 2.10 -60.02 N | 85.92 4.06 -34.35 N | 123.68 6.28 0.00 N | 127.55 5.70 2.09 N | 94.94 6.43 0.00 N | 95.44 6.03 0.00 N | 98.38 7.12 0.00 N | 97.25 7.21 0.00 N | 96.42 7.02 0.00 N | 94.22 7.52 -0.33 N | 95.08 7.06 0.00 N | 88.84 7.10 0.00 N | 93.70 6.82 0.00 N | 93.31 7.10 0.00 N | 97.12 7.48 -0.02 N | 104.06 7.55 0.00 N | 95.88 7.20 0.00 N | 88.78 5.36 -24.15 N | 93.21 4.32 -39.93 N | 80.79 4.03 -31.41 N |
| PPL PILGRIM_ST_GT2 24217 | 62.78 1.43 -46.57 N | 86.02 4.34 -34.13 N | 170.57 -0.38 -177.37 N | 50.43 1.87 -22.48 N | 85.72 2.10 -60.02 N | 85.92 4.06 -34.35 N | 123.68 6.28 0.00 N | 127.55 5.70 2.09 N | 94.94 6.43 0.00 N | 95.44 6.03 0.00 N | 98.38 7.12 0.00 N | 97.25 7.21 0.00 N | 96.42 7.02 0.00 N | 94.22 7.52 -0.33 N | 95.08 7.06 0.00 N | 88.84 7.10 0.00 N | 93.70 6.82 0.00 N | 93.31 7.10 0.00 N | 97.12 7.48 -0.02 N | 104.06 7.55 0.00 N | 95.88 7.20 0.00 N | 88.78 5.36 -24.15 N | 93.21 4.32 -39.93 N | 80.79 4.03 -31.41 N |
| PPL_SHRM_GT3 24213 | 62.72 1.37 -46.57 N | 86.11 4.47 -34.09 N | 170.51 -0.40 -177.34 N | 50.47 1.95 -22.44 N | 85.29 2.11 -59.58 N | 85.54 3.94 -34.10 N | 120.33 2.93 0.00 N | 123.37 1.63 2.21 N | 92.10 3.60 0.00 N | 92.39 2.98 0.00 N | 96.55 5.29 0.00 N | 95.80 5.76 0.00 N | 94.87 5.46 0.00 N | 92.84 6.14 -0.33 N | 93.66 5.64 0.00 N | 87.64 5.90 0.00 N | 92.89 6.00 0.00 N | 92.77 6.55 0.00 N | 96.77 7.12 -0.02 N | 103.60 7.08 0.00 N | 95.14 6.46 0.00 N | 88.21 4.80 -24.15 N | 92.80 3.91 -39.93 N | 80.59 3.83 -31.41 N |
| PPL_SHRM_GT4 24214 | 62.72 1.37 -46.57 N | 86.11 4.47 -34.09 N | 170.51 -0.40 -177.34 N | 50.47 1.95 -22.44 N | 85.29 2.11 -59.58 N | 85.54 3.94 -34.10 N | 120.33 2.93 0.00 N | 123.37 1.63 2.21 N | 92.10 3.60 0.00 N | 92.39 2.98 0.00 N | 96.55 5.29 0.00 N | 95.80 5.76 0.00 N | 94.87 5.46 0.00 N | 92.84 6.14 -0.33 N | 93.66 5.64 0.00 N | 87.64 5.90 0.00 N | 92.89 6.00 0.00 N | 92.77 6.55 0.00 N | 96.77 7.12 -0.02 N | 103.60 7.08 0.00 N | 95.14 6.46 0.00 N | 88.21 4.80 -24.15 N | 92.80 3.91 -39.93 N | 80.59 3.83 -31.41 N |
| PROJECT___ORANGE 1 24174 | 14.52 -0.25 0.00 N | 46.73 -0.88 -0.05 N | 7.12 0.11 -13.43 N | 26.96 -0.43 -1.31 N | 23.22 -0.38 0.00 N | 46.64 -0.86 0.00 N | 115.62 -1.78 0.00 N | 122.29 -1.65 0.00 N | 87.26 -1.25 0.00 N | 88.34 -1.07 0.00 N | 90.12 -1.14 0.00 N | 88.87 -1.17 0.00 N | 88.21 -1.20 0.00 N | 85.36 -1.01 0.00 N | 86.87 -1.15 0.00 N | 80.60 -1.13 0.00 N | 85.75 -1.13 0.00 N | 84.97 -1.25 0.00 N | 88.52 -1.10 0.00 N | 95.58 -0.93 0.00 N | 87.74 -0.94 0.00 N | 58.50 -0.76 0.00 N | 48.33 -0.63 0.00 N | 44.70 -0.65 0.00 N |

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| PROJECT___ORANGE 2 24166 | 14.52 -0.25 0.00 N | 46.73 -0.88 -0.05 N | 7.12 0.11 -13.43 N | 26.96 -0.43 -1.31 N | 23.22 -0.38 0.00 N | 46.64 -0.86 0.00 N | 115.62 -1.78 0.00 N | 122.29 -1.65 0.00 N | 87.26 -1.25 0.00 N | 88.34 -1.07 0.00 N | 90.12 -1.14 0.00 N | 88.87 -1.17 0.00 N | 88.21 -1.20 0.00 N | 85.36 -1.01 0.00 N | 86.87 -1.15 0.00 N | 80.60 -1.13 0.00 N | 85.75 -1.13 0.00 N | 84.97 -1.25 0.00 N | 88.52 -1.10 0.00 N | 95.58 -0.93 0.00 N | 87.74 -0.94 0.00 N | 58.50 -0.76 0.00 N | 48.33 -0.63 0.00 N | 44.70 -0.65 0.00 N |
| PYRITES___HYD 24023 | 13.78 -0.99 0.00 N | 43.54 -3.99 0.03 N | -12.80 0.50 6.87 N | 24.00 -1.40 0.67 N | 22.18 -1.41 0.00 N | 44.53 -2.97 0.00 N | 111.42 -5.98 0.00 N | 120.20 -3.74 0.00 N | 81.71 -6.79 0.00 N | 83.89 -5.52 0.00 N | 85.40 -5.86 0.00 N | 84.05 -5.98 0.00 N | 82.61 -6.80 0.00 N | 80.02 -6.35 0.00 N | 81.13 -6.88 0.00 N | 75.30 -6.44 0.00 N | 80.21 -6.67 0.00 N | 79.43 -6.78 0.00 N | 83.37 -6.25 0.00 N | 90.10 -6.41 0.00 N | 83.53 -5.15 0.00 N | 55.86 -3.40 0.00 N | 46.42 -2.55 0.00 N | 42.79 -2.56 0.00 N |
| RAMAPO___LBMP 323565 | 15.62 0.85 0.00 N | 50.89 2.70 -0.63 N | 157.89 -0.31 -164.63 N | 43.45 1.30 -16.08 N | 24.81 1.22 0.00 N | 50.20 2.70 0.00 N | 123.86 6.47 0.00 N | 130.73 6.78 0.00 N | 94.29 5.78 0.00 N | 95.10 5.69 0.00 N | 97.27 6.01 0.00 N | 96.10 6.05 0.00 N | 95.27 5.86 0.00 N | 92.04 5.68 0.00 N | 93.89 5.87 0.00 N | 87.28 5.54 0.00 N | 92.77 5.88 0.00 N | 92.12 5.90 0.00 N | 95.68 6.06 0.00 N | 102.76 6.25 0.00 N | 94.07 5.40 0.00 N | 62.79 3.53 0.00 N | 51.61 2.65 0.00 N | 47.89 2.54 0.00 N |
| RANKINE____ 23646 | 13.80 -0.97 0.00 N | 44.46 -3.21 -0.11 N | 22.68 0.37 -28.74 N | 27.42 -1.47 -2.81 N | 22.26 -1.33 0.00 N | 43.96 -3.55 0.00 N | 108.93 -8.47 0.00 N | 114.22 -9.73 0.00 N | 81.21 -7.30 0.00 N | 82.85 -6.56 0.00 N | 83.93 -7.32 0.00 N | 82.44 -7.60 0.00 N | 81.81 -7.60 0.00 N | 79.77 -6.60 0.00 N | 80.92 -7.09 0.00 N | 75.04 -6.70 0.00 N | 80.51 -6.38 0.00 N | 79.24 -6.97 0.00 N | 82.54 -7.08 0.00 N | 90.09 -6.42 0.00 N | 83.09 -5.59 0.00 N | 55.57 -3.69 0.00 N | 46.67 -2.30 0.00 N | 42.73 -2.62 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 15.81 1.03 0.00 N | 51.46 3.24 -0.66 N | 165.65 -0.37 -172.44 N | 44.47 1.55 -16.84 N | 25.08 1.49 0.00 N | 50.82 3.32 0.00 N | 125.33 7.93 0.00 N | 132.43 8.48 0.00 N | 95.69 7.18 0.00 N | 96.62 7.21 0.00 N | 98.94 7.68 0.00 N | 97.72 7.68 0.00 N | 96.84 7.44 0.00 N | 93.58 7.21 0.00 N | 95.54 7.52 0.00 N | 88.83 7.09 0.00 N | 94.35 7.47 0.00 N | 93.68 7.47 0.00 N | 97.40 7.78 0.00 N | 104.44 7.93 0.00 N | 95.54 6.86 0.00 N | 63.74 4.48 0.00 N | 52.37 3.41 0.00 N | 48.54 3.19 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 15.81 1.03 0.00 N | 51.46 3.24 -0.66 N | 165.65 -0.37 -172.44 N | 44.47 1.55 -16.84 N | 25.08 1.49 0.00 N | 50.82 3.32 0.00 N | 125.33 7.93 0.00 N | 132.43 8.48 0.00 N | 95.69 7.18 0.00 N | 96.62 7.21 0.00 N | 98.94 7.68 0.00 N | 97.72 7.68 0.00 N | 96.84 7.44 0.00 N | 93.58 7.21 0.00 N | 95.54 7.52 0.00 N | 88.83 7.09 0.00 N | 94.35 7.47 0.00 N | 93.68 7.47 0.00 N | 97.40 7.78 0.00 N | 104.44 7.93 0.00 N | 95.54 6.86 0.00 N | 63.74 4.48 0.00 N | 52.37 3.41 0.00 N | 48.54 3.19 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 15.81 1.04 0.00 N | 51.50 3.28 -0.66 N | 165.64 -0.38 -172.44 N | 44.49 1.57 -16.84 N | 25.10 1.51 0.00 N | 50.85 3.35 0.00 N | 125.43 8.03 0.00 N | 132.55 8.61 0.00 N | 95.78 7.27 0.00 N | 96.71 7.30 0.00 N | 99.03 7.77 0.00 N | 97.81 7.76 0.00 N | 96.93 7.52 0.00 N | 93.67 7.30 0.00 N | 95.63 7.61 0.00 N | 88.91 7.17 0.00 N | 94.44 7.55 0.00 N | 93.76 7.55 0.00 N | 97.50 7.88 0.00 N | 104.55 8.04 0.00 N | 95.63 6.95 0.00 N | 63.79 4.54 0.00 N | 52.42 3.45 0.00 N | 48.59 3.23 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 15.81 1.04 0.00 N | 51.50 3.28 -0.66 N | 165.64 -0.38 -172.44 N | 44.49 1.57 -16.84 N | 25.10 1.51 0.00 N | 50.85 3.35 0.00 N | 125.43 8.03 0.00 N | 132.55 8.61 0.00 N | 95.78 7.27 0.00 N | 96.71 7.30 0.00 N | 99.03 7.77 0.00 N | 97.81 7.76 0.00 N | 96.93 7.52 0.00 N | 93.67 7.30 0.00 N | 95.63 7.61 0.00 N | 88.91 7.17 0.00 N | 94.44 7.55 0.00 N | 93.76 7.55 0.00 N | 97.50 7.88 0.00 N | 104.55 8.04 0.00 N | 95.63 6.95 0.00 N | 63.79 4.54 0.00 N | 52.42 3.45 0.00 N | 48.59 3.23 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 15.81 1.04 0.00 N | 51.46 3.24 -0.66 N | 165.65 -0.37 -172.44 N | 44.47 1.55 -16.84 N | 25.09 1.50 0.00 N | 50.82 3.32 0.00 N | 125.33 7.93 0.00 N | 132.43 8.48 0.00 N | 95.69 7.18 0.00 N | 96.63 7.22 0.00 N | 98.95 7.69 0.00 N | 97.72 7.68 0.00 N | 96.84 7.44 0.00 N | 93.58 7.22 0.00 N | 95.55 7.53 0.00 N | 88.83 7.09 0.00 N | 94.35 7.47 0.00 N | 93.68 7.47 0.00 N | 97.41 7.79 0.00 N | 104.45 7.94 0.00 N | 95.54 6.86 0.00 N | 63.74 4.49 0.00 N | 52.37 3.41 0.00 N | 48.54 3.19 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 15.81 1.04 0.00 N | 51.46 3.24 -0.66 N | 165.65 -0.37 -172.44 N | 44.47 1.55 -16.84 N | 25.09 1.50 0.00 N | 50.82 3.32 0.00 N | 125.33 7.93 0.00 N | 132.43 8.48 0.00 N | 95.69 7.18 0.00 N | 96.63 7.22 0.00 N | 98.95 7.69 0.00 N | 97.72 7.68 0.00 N | 96.84 7.44 0.00 N | 93.58 7.22 0.00 N | 95.55 7.53 0.00 N | 88.83 7.09 0.00 N | 94.35 7.47 0.00 N | 93.68 7.47 0.00 N | 97.41 7.79 0.00 N | 104.45 7.94 0.00 N | 95.54 6.86 0.00 N | 63.74 4.49 0.00 N | 52.37 3.41 0.00 N | 48.54 3.19 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 15.83 1.05 0.00 N | 51.52 3.30 -0.66 N | 165.64 -0.38 -172.44 N | 44.50 1.58 -16.84 N | 25.11 1.52 0.00 N | 50.89 3.39 0.00 N | 125.50 8.10 0.00 N | 132.62 8.68 0.00 N | 95.83 7.32 0.00 N | 96.78 7.37 0.00 N | 99.10 7.84 0.00 N | 97.89 7.85 0.00 N | 97.00 7.59 0.00 N | 93.73 7.37 0.00 N | 95.68 7.67 0.00 N | 88.98 7.24 0.00 N | 94.52 7.63 0.00 N | 93.82 7.61 0.00 N | 97.57 7.95 0.00 N | 104.62 8.11 0.00 N | 95.68 7.00 0.00 N | 63.83 4.57 0.00 N | 52.45 3.49 0.00 N | 48.60 3.24 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 15.83 1.05 0.00 N | 51.52 3.30 -0.66 N | 165.64 -0.38 -172.44 N | 44.50 1.58 -16.84 N | 25.11 1.52 0.00 N | 50.89 3.39 0.00 N | 125.50 8.10 0.00 N | 132.62 8.68 0.00 N | 95.83 7.32 0.00 N | 96.78 7.37 0.00 N | 99.10 7.84 0.00 N | 97.89 7.85 0.00 N | 97.00 7.59 0.00 N | 93.73 7.37 0.00 N | 95.68 7.67 0.00 N | 88.98 7.24 0.00 N | 94.52 7.63 0.00 N | 93.82 7.61 0.00 N | 97.57 7.95 0.00 N | 104.62 8.11 0.00 N | 95.68 7.00 0.00 N | 63.83 4.57 0.00 N | 52.45 3.49 0.00 N | 48.60 3.24 0.00 N |
| RAVENSWOOD_GT_1 23729 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N |
| RAVENSWOOD_GT_10 24258 | 15.84 1.06 0.00 N | 51.56 3.34 -0.66 N | 165.63 -0.38 -172.44 N | 44.52 1.60 -16.84 N | 25.13 1.53 0.00 N | 50.91 3.41 0.00 N | 125.55 8.15 0.00 N | 132.64 8.70 0.00 N | 95.88 7.37 0.00 N | 96.84 7.43 0.00 N | 99.17 7.92 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.58 7.70 0.00 N | 93.91 7.69 0.00 N | 97.65 8.03 0.00 N | 104.68 8.16 0.00 N | 95.75 7.07 0.00 N | 63.88 4.62 0.00 N | 52.50 3.54 0.00 N | 48.64 3.29 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 |
| RAVENSWOOD_GT_11 24259 | 15.84 1.06 0.00 N | 51.56 3.34 -0.66 N | 165.63 -0.38 -172.44 N | 44.52 1.60 -16.84 N | 25.13 1.53 0.00 N | 50.91 3.41 0.00 N | 125.55 8.15 0.00 N | 132.64 8.70 0.00 N | 95.88 7.37 0.00 N | 96.84 7.43 0.00 N | 99.17 7.92 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.58 7.70 0.00 N | 93.91 7.69 0.00 N | 97.65 8.03 0.00 N | 104.68 8.16 0.00 N | 95.75 7.07 0.00 N | 63.88 4.62 0.00 N | 52.50 3.54 0.00 N | 48.64 3.29 0.00 N | |
| RAVENSWOOD_GT_4 24252 | 15.59 0.81 0.00 N | 50.82 2.60 -0.66 N | 165.73 -0.29 -172.44 N | 44.14 1.22 -16.84 N | 24.76 1.17 0.00 N | 50.12 2.62 0.00 N | 123.78 6.38 0.00 N | 130.76 6.82 0.00 N | 94.26 5.75 0.00 N | 95.20 5.80 0.00 N | 97.39 6.13 0.00 N | 96.19 6.15 0.00 N | 95.47 6.06 0.00 N | 92.24 5.87 0.00 N | 94.02 6.00 0.00 N | 87.45 5.72 0.00 N | 92.83 5.94 0.00 N | 92.19 5.98 0.00 N | 95.81 6.19 0.00 N | 102.77 6.26 0.00 N | 94.09 5.41 0.00 N | 62.73 3.47 0.00 N | 51.55 2.59 0.00 N | 47.78 2.43 0.00 N | |
| RAVENSWOOD_GT_5 24254 | 15.59 0.81 0.00 N | 50.82 2.60 -0.66 N | 165.73 -0.29 -172.44 N | 44.14 1.22 -16.84 N | 24.76 1.17 0.00 N | 50.12 2.62 0.00 N | 123.78 6.38 0.00 N | 130.76 6.82 0.00 N | 94.26 5.75 0.00 N | 95.20 5.80 0.00 N | 97.39 6.13 0.00 N | 96.19 6.15 0.00 N | 95.47 6.06 0.00 N | 92.24 5.87 0.00 N | 94.02 6.00 0.00 N | 87.45 5.72 0.00 N | 92.83 5.94 0.00 N | 92.19 5.98 0.00 N | 95.81 6.19 0.00 N | 102.77 6.26 0.00 N | 94.09 5.41 0.00 N | 62.73 3.47 0.00 N | 51.55 2.59 0.00 N | 47.78 2.43 0.00 N | |
| RAVENSWOOD_GT_6 24253 | 15.59 0.81 0.00 N | 50.82 2.60 -0.66 N | 165.73 -0.29 -172.44 N | 44.14 1.22 -16.84 N | 24.76 1.17 0.00 N | 50.12 2.62 0.00 N | 123.78 6.38 0.00 N | 130.76 6.82 0.00 N | 94.26 5.75 0.00 N | 95.20 5.80 0.00 N | 97.39 6.13 0.00 N | 96.19 6.15 0.00 N | 95.47 6.06 0.00 N | 92.24 5.87 0.00 N | 94.02 6.00 0.00 N | 87.45 5.72 0.00 N | 92.83 5.94 0.00 N | 92.19 5.98 0.00 N | 95.81 6.19 0.00 N | 102.77 6.26 0.00 N | 94.09 5.41 0.00 N | 62.73 3.47 0.00 N | 51.55 2.59 0.00 N | 47.78 2.43 0.00 N | |
| RAVENSWOOD_GT_7 24255 | 15.59 0.81 0.00 N | 50.82 2.60 -0.66 N | 165.73 -0.29 -172.44 N | 44.14 1.22 -16.84 N | 24.76 1.17 0.00 N | 50.12 2.62 0.00 N | 123.78 6.38 0.00 N | 130.76 6.82 0.00 N | 94.26 5.75 0.00 N | 95.20 5.80 0.00 N | 97.39 6.13 0.00 N | 96.19 6.15 0.00 N | 95.47 6.06 0.00 N | 92.24 5.87 0.00 N | 94.02 6.00 0.00 N | 87.45 5.72 0.00 N | 92.83 5.94 0.00 N | 92.19 5.98 0.00 N | 95.81 6.19 0.00 N | 102.77 6.26 0.00 N | 94.09 5.41 0.00 N | 62.73 3.47 0.00 N | 51.55 2.59 0.00 N | 47.78 2.43 0.00 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 15.84 1.06 0.00 N | 51.56 3.34 -0.66 N | 165.63 -0.38 -172.44 N | 44.52 1.60 -16.84 N | 25.13 1.53 0.00 N | 50.91 3.41 0.00 N | 125.55 8.15 0.00 N | 132.64 8.70 0.00 N | 95.88 7.37 0.00 N | 96.84 7.43 0.00 N | 99.17 7.92 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.58 7.70 0.00 N | 93.91 7.69 0.00 N | 97.65 8.03 0.00 N | 104.68 8.16 0.00 N | 95.75 7.07 0.00 N | 63.88 4.62 0.00 N | 52.50 3.54 0.00 N | 48.64 3.29 0.00 N | |
| RAVENSWOOD_GT_9 24257 | 15.84 1.06 0.00 N | 51.56 3.34 -0.66 N | 165.63 -0.38 -172.44 N | 44.52 1.60 -16.84 N | 25.13 1.53 0.00 N | 50.91 3.41 0.00 N | 125.55 8.15 0.00 N | 132.64 8.70 0.00 N | 95.88 7.37 0.00 N | 96.84 7.43 0.00 N | 99.17 7.92 0.00 N | 97.93 7.89 0.00 N | 97.06 7.65 0.00 N | 93.80 7.43 0.00 N | 95.77 7.75 0.00 N | 89.04 7.30 0.00 N | 94.58 7.70 0.00 N | 93.91 7.69 0.00 N | 97.65 8.03 0.00 N | 104.68 8.16 0.00 N | 95.75 7.07 0.00 N | 63.88 4.62 0.00 N | 52.50 3.54 0.00 N | 48.64 3.29 0.00 N | |
| RAVENSWOOD___1 23533 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N | |
| RAVENSWOOD___2 23534 | 16.09 1.31 0.00 N | 52.29 4.07 -0.66 N | 165.56 -0.46 -172.44 N | 44.88 1.97 -16.84 N | 25.49 1.90 0.00 N | 51.69 4.19 0.00 N | 127.02 9.62 0.00 N | 134.08 10.14 0.00 N | 97.14 8.63 0.00 N | 98.07 8.66 0.00 N | 100.45 9.19 0.00 N | 99.16 9.12 0.00 N | 98.11 8.70 0.00 N | 94.91 8.54 0.00 N | 97.10 9.08 0.00 N | 90.29 8.55 0.00 N | 96.00 9.12 0.00 N | 95.22 9.01 0.00 N | 98.95 9.33 0.00 N | 106.04 9.52 0.00 N | 96.96 8.29 0.00 N | 64.74 5.48 0.00 N | 53.30 4.34 0.00 N | 49.46 4.10 0.00 N | |
| RAVENSWOOD___3 23535 | 15.81 1.04 0.00 N | 51.48 3.25 -0.66 N | 165.65 -0.37 -172.44 N | 44.47 1.55 -16.84 N | 25.09 1.50 0.00 N | 50.83 3.33 0.00 N | 125.33 7.93 0.00 N | 132.44 8.49 0.00 N | 95.69 7.18 0.00 N | 96.64 7.23 0.00 N | 98.95 7.70 0.00 N | 97.73 7.69 0.00 N | 96.87 7.46 0.00 N | 93.60 7.23 0.00 N | 95.55 7.53 0.00 N | 88.84 7.10 0.00 N | 94.38 7.49 0.00 N | 93.68 7.47 0.00 N | 97.42 7.80 0.00 N | 104.46 7.95 0.00 N | 95.55 6.87 0.00 N | 63.75 4.50 0.00 N | 52.37 3.41 0.00 N | 48.54 3.19 0.00 N | |
| RAVENSWOOD___4 23820 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N | |
| RCPL_TRUST___DRP 24196 | 15.81 1.03 0.00 N | 51.49 3.27 -0.66 N | 165.64 -0.38 -172.44 N | 44.48 1.56 -16.84 N | 25.09 1.50 0.00 N | 50.84 3.34 0.00 N | 125.42 8.02 0.00 N | 132.51 8.57 0.00 N | 95.77 7.26 0.00 N | 96.71 7.30 0.00 N | 99.05 7.79 0.00 N | 97.84 7.80 0.00 N | 96.97 7.56 0.00 N | 93.71 7.34 0.00 N | 95.65 7.63 0.00 N | 88.94 7.20 0.00 N | 94.47 7.58 0.00 N | 93.78 7.57 0.00 N | 97.54 7.92 0.00 N | 104.56 8.04 0.00 N | 95.59 6.91 0.00 N | 63.77 4.51 0.00 N | 52.39 3.43 0.00 N | 48.55 3.20 0.00 N | |
| RENSSELAER___COGEN 23796 | 15.40 0.62 0.00 N | 50.57 2.20 -0.82 N | 206.02 -0.30 -212.74 N | 47.98 1.12 -20.77 N | 24.57 0.97 0.00 N | 49.63 2.13 0.00 N | 122.44 5.04 0.00 N | 129.11 5.16 0.00 N | 92.43 3.92 0.00 N | 93.11 3.70 0.00 N | 95.17 3.91 0.00 N | 93.89 3.85 0.00 N | 93.39 3.99 0.00 N | 89.91 3.54 0.00 N | 91.91 3.89 0.00 N | 85.38 3.64 0.00 N | 90.58 3.70 0.00 N | 90.10 3.89 0.00 N | 93.56 3.93 0.00 N | 100.25 3.73 0.00 N | 92.17 3.49 0.00 N | 61.60 2.34 0.00 N | 50.83 1.87 0.00 N | 47.15 1.80 0.00 N | |
| REVERE_CPPR_DRP | 14.78 | 47.42 | -6.42 | 26.10 | 23.64 | 47.56 | 118.79 | 126.35 | 89.74 | 90.89 | 92.76 | 91.47 | 90.68 | 87.66 | 89.20 | 82.74 | 87.80 | 87.15 | 91.18 | 98.38 | 90.13 | 59.93 | 49.36 | 45.59 | |

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| 24186 | 0.00 0.00 N | -0.13 0.00 N | 0.01 0.00 N | 0.02 0.00 N | 0.04 0.00 N | 0.06 0.00 N | 1.39 0.00 N | 2.40 0.00 N | 1.23 0.00 N | 1.48 0.00 N | 1.50 0.00 N | 1.43 0.00 N | 1.27 0.00 N | 1.29 0.00 N | 1.17 0.00 N | 1.00 0.00 N | 0.91 0.00 N | 0.94 0.00 N | 1.56 0.00 N | 1.87 0.00 N | 1.46 0.00 N | 0.67 0.00 N | 0.40 0.00 N | 0.23 0.00 N |
| ROCHESTER_9_IC 23652 | 14.34 -0.43 0.00 N | 46.04 -1.60 -0.08 N | 14.38 0.19 -20.62 N | 27.43 -0.66 -2.01 N | 23.01 -0.59 0.00 N | 45.88 -1.62 0.00 N | 113.84 -3.56 0.00 N | 120.35 -3.59 0.00 N | 85.62 -2.89 0.00 N | 87.15 -2.26 0.00 N | 88.52 -2.74 0.00 N | 87.11 -2.93 0.00 N | 86.40 -3.00 0.00 N | 83.98 -2.39 0.00 N | 85.17 -2.85 0.00 N | 78.90 -2.84 0.00 N | 84.45 -2.44 0.00 N | 83.42 -2.79 0.00 N | 87.01 -2.61 0.00 N | 94.68 -1.83 0.00 N | 87.21 -1.47 0.00 N | 58.18 -1.08 0.00 N | 48.39 -0.58 0.00 N | 44.26 -1.09 0.00 N |
| ROSETON___1 23587 | 15.42 0.64 0.00 N | 50.24 2.07 -0.62 N | 153.28 -0.24 -159.95 N | 42.69 1.00 -15.62 N | 24.52 0.93 0.00 N | 49.54 2.05 0.00 N | 121.79 4.39 0.00 N | 127.78 3.84 0.00 N | 92.09 3.58 0.00 N | 92.89 3.48 0.00 N | 94.81 3.55 0.00 N | 93.67 3.63 0.00 N | 92.93 3.52 0.00 N | 89.80 3.43 0.00 N | 91.55 3.53 0.00 N | 85.18 3.44 0.00 N | 90.46 3.57 0.00 N | 89.90 3.68 0.00 N | 93.27 3.64 0.00 N | 100.21 3.69 0.00 N | 91.93 3.25 0.00 N | 61.63 2.37 0.00 N | 50.84 1.88 0.00 N | 47.22 1.87 0.00 N |
| ROSETON___2 23588 | 15.42 0.64 0.00 N | 50.24 2.07 -0.62 N | 153.28 -0.24 -159.95 N | 42.69 1.00 -15.62 N | 24.52 0.93 0.00 N | 49.54 2.05 0.00 N | 121.79 4.39 0.00 N | 127.78 3.84 0.00 N | 92.09 3.58 0.00 N | 92.89 3.48 0.00 N | 94.81 3.55 0.00 N | 93.67 3.63 0.00 N | 92.93 3.52 0.00 N | 89.80 3.43 0.00 N | 91.55 3.53 0.00 N | 85.18 3.44 0.00 N | 90.46 3.57 0.00 N | 89.90 3.68 0.00 N | 93.27 3.64 0.00 N | 100.21 3.69 0.00 N | 91.93 3.25 0.00 N | 61.63 2.37 0.00 N | 50.84 1.88 0.00 N | 47.22 1.87 0.00 N |
| RUSSELL___1 23602 | 14.22 -0.56 0.00 N | 45.58 -2.05 -0.08 N | 14.13 0.25 -20.31 N | 27.21 -0.85 -1.98 N | 22.86 -0.73 0.00 N | 45.65 -1.85 0.00 N | 113.55 -3.85 0.00 N | 120.22 -3.73 0.00 N | 85.52 -2.99 0.00 N | 87.05 -2.36 0.00 N | 88.52 -2.74 0.00 N | 87.06 -2.98 0.00 N | 86.32 -3.09 0.00 N | 83.87 -2.50 0.00 N | 85.03 -2.99 0.00 N | 78.76 -2.98 0.00 N | 84.18 -2.71 0.00 N | 83.21 -3.01 0.00 N | 87.12 -2.50 0.00 N | 94.86 -1.65 0.00 N | 87.17 -1.51 0.00 N | 58.10 -1.16 0.00 N | 48.22 -0.74 0.00 N | 43.98 -1.37 0.00 N |
| RUSSELL___2 23532 | 14.22 -0.56 0.00 N | 45.58 -2.05 -0.08 N | 14.13 0.25 -20.31 N | 27.21 -0.85 -1.98 N | 22.86 -0.73 0.00 N | 45.65 -1.85 0.00 N | 113.55 -3.85 0.00 N | 120.22 -3.73 0.00 N | 85.52 -2.99 0.00 N | 87.05 -2.36 0.00 N | 88.52 -2.74 0.00 N | 87.06 -2.98 0.00 N | 86.32 -3.09 0.00 N | 83.87 -2.50 0.00 N | 85.03 -2.99 0.00 N | 78.76 -2.98 0.00 N | 84.18 -2.71 0.00 N | 83.21 -3.01 0.00 N | 87.12 -2.50 0.00 N | 94.86 -1.65 0.00 N | 87.17 -1.51 0.00 N | 58.10 -1.16 0.00 N | 48.22 -0.74 0.00 N | 43.98 -1.37 0.00 N |
| RUSSELL___3 23549 | 14.26 -0.52 0.00 N | 45.72 -1.92 -0.08 N | 14.42 0.23 -20.62 N | 27.29 -0.81 -2.01 N | 22.88 -0.71 0.00 N | 45.64 -1.86 0.00 N | 113.22 -4.18 0.00 N | 119.75 -4.20 0.00 N | 85.18 -3.33 0.00 N | 86.68 -2.73 0.00 N | 88.09 -3.17 0.00 N | 86.68 -3.36 0.00 N | 85.96 -3.44 0.00 N | 83.54 -2.83 0.00 N | 84.70 -3.33 0.00 N | 78.50 -3.24 0.00 N | 83.94 -2.95 0.00 N | 82.95 -3.27 0.00 N | 86.61 -3.01 0.00 N | 94.25 -2.26 0.00 N | 86.77 -1.91 0.00 N | 57.90 -1.36 0.00 N | 48.13 -0.83 0.00 N | 43.98 -1.37 0.00 N |
| RUSSELL___4 23556 | 14.23 -0.55 0.00 N | 45.56 -2.07 -0.08 N | 14.13 0.25 -20.31 N | 27.20 -0.86 -1.98 N | 22.85 -0.74 0.00 N | 45.63 -1.87 0.00 N | 113.48 -3.92 0.00 N | 120.18 -3.76 0.00 N | 85.45 -3.05 0.00 N | 87.01 -2.40 0.00 N | 88.46 -2.80 0.00 N | 87.02 -3.02 0.00 N | 86.25 -3.16 0.00 N | 83.82 -2.55 0.00 N | 84.97 -3.05 0.00 N | 78.71 -3.02 0.00 N | 84.16 -2.73 0.00 N | 83.16 -3.05 0.00 N | 87.06 -2.56 0.00 N | 94.79 -1.72 0.00 N | 87.11 -1.56 0.00 N | 58.07 -1.19 0.00 N | 48.20 -0.76 0.00 N | 43.97 -1.38 0.00 N |
| RUSSELL___STATION 23914 | 14.26 -0.52 0.00 N | 45.72 -1.92 -0.08 N | 14.42 0.23 -20.62 N | 27.29 -0.81 -2.01 N | 22.88 -0.71 0.00 N | 45.64 -1.86 0.00 N | 113.22 -4.18 0.00 N | 119.75 -4.20 0.00 N | 85.18 -3.33 0.00 N | 86.68 -2.73 0.00 N | 88.09 -3.17 0.00 N | 86.68 -3.36 0.00 N | 85.96 -3.44 0.00 N | 83.54 -2.83 0.00 N | 84.70 -3.33 0.00 N | 78.50 -3.24 0.00 N | 83.94 -2.95 0.00 N | 82.95 -3.27 0.00 N | 86.61 -3.01 0.00 N | 94.25 -2.26 0.00 N | 86.77 -1.91 0.00 N | 57.90 -1.36 0.00 N | 48.13 -0.83 0.00 N | 43.98 -1.37 0.00 N |
| S SALMON___HYD 24043 | 14.37 -0.41 0.00 N | 46.11 -1.49 -0.04 N | 4.40 0.20 -10.62 N | 26.36 -0.75 -1.04 N | 22.92 -0.67 0.00 N | 46.16 -1.34 0.00 N | 115.00 -2.40 0.00 N | 121.96 -1.98 0.00 N | 86.73 -1.78 0.00 N | 87.92 -1.49 0.00 N | 89.64 -1.62 0.00 N | 88.37 -1.67 0.00 N | 87.64 -1.77 0.00 N | 84.73 -1.63 0.00 N | 86.22 -1.81 0.00 N | 79.97 -1.77 0.00 N | 85.11 -1.77 0.00 N | 84.41 -1.81 0.00 N | 88.13 -1.49 0.00 N | 95.17 -1.35 0.00 N | 87.31 -1.37 0.00 N | 58.17 -1.10 0.00 N | 47.95 -1.01 0.00 N | 44.24 -1.11 0.00 N |
| SELKIRK___II 23799 | 15.21 0.44 0.00 N | 49.95 1.57 -0.82 N | 205.48 -0.21 -212.12 N | 47.58 0.79 -20.71 N | 24.28 0.68 0.00 N | 49.01 1.51 0.00 N | 120.68 3.28 0.00 N | 127.23 3.29 0.00 N | 91.02 2.52 0.00 N | 91.69 2.28 0.00 N | 93.75 2.49 0.00 N | 92.52 2.48 0.00 N | 91.98 2.57 0.00 N | 88.59 2.22 0.00 N | 90.51 2.49 0.00 N | 84.06 2.33 0.00 N | 89.08 2.19 0.00 N | 88.26 2.05 0.00 N | 91.60 1.98 0.00 N | 98.23 1.72 0.00 N | 90.32 1.64 0.00 N | 60.44 1.18 0.00 N | 49.90 0.94 0.00 N | 46.34 0.99 0.00 N |
| SELKIRK___I 23801 | 15.24 0.46 0.00 N | 49.98 1.61 -0.82 N | 204.86 -0.21 -211.49 N | 47.52 0.79 -20.65 N | 24.29 0.69 0.00 N | 49.04 1.54 0.00 N | 120.59 3.19 0.00 N | 127.22 3.27 0.00 N | 90.92 2.41 0.00 N | 91.61 2.20 0.00 N | 93.79 2.53 0.00 N | 92.58 2.54 0.00 N | 91.89 2.48 0.00 N | 88.59 2.22 0.00 N | 90.58 2.56 0.00 N | 84.10 2.37 0.00 N | 89.14 2.26 0.00 N | 88.65 2.44 0.00 N | 91.91 2.29 0.00 N | 98.75 2.24 0.00 N | 90.72 2.04 0.00 N | 60.58 1.32 0.00 N | 49.99 1.03 0.00 N | 46.50 1.15 0.00 N |
| SENECA OSWGO___HYD 24041 | 14.46 -0.32 0.00 N | 46.53 -1.08 -0.05 N | 6.52 0.14 -12.81 N | 26.76 -0.57 -1.25 N | 23.10 -0.49 0.00 N | 46.48 -1.03 0.00 N | 115.36 -2.04 0.00 N | 122.02 -1.93 0.00 N | 87.13 -1.38 0.00 N | 88.18 -1.23 0.00 N | 89.93 -1.32 0.00 N | 88.68 -1.36 0.00 N | 88.02 -1.39 0.00 N | 85.13 -1.24 0.00 N | 86.66 -1.36 0.00 N | 80.41 -1.33 0.00 N | 85.56 -1.33 0.00 N | 84.82 -1.39 0.00 N | 88.41 -1.21 0.00 N | 95.43 -1.08 0.00 N | 87.61 -1.07 0.00 N | 58.40 -0.86 0.00 N | 48.20 -0.76 0.00 N | 44.51 -0.84 0.00 N |
| SENECA___ENERGY 23797 | 14.30 -0.48 0.00 N | 45.92 -1.72 -0.08 N | 15.34 0.21 -21.55 N | 27.38 -0.80 -2.11 N | 22.90 -0.69 0.00 N | 45.77 -1.73 0.00 N | 113.90 -3.50 0.00 N | 120.07 -3.87 0.00 N | 85.50 -3.01 0.00 N | 86.88 -2.53 0.00 N | 88.53 -2.73 0.00 N | 86.98 -3.05 0.00 N | 86.43 -2.98 0.00 N | 83.67 -2.70 0.00 N | 84.93 -3.10 0.00 N | 78.78 -2.96 0.00 N | 83.98 -2.90 0.00 N | 83.11 -3.10 0.00 N | 86.69 -2.93 0.00 N | 93.80 -2.72 0.00 N | 86.01 -2.66 0.00 N | 57.33 -1.93 0.00 N | 47.49 -1.48 0.00 N | 43.77 -1.58 0.00 N |

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| SHOEMAKER___GT 23640 | 15.44 0.67 0.00 N | 50.28 2.14 -0.59 N | 146.40 -0.25 -153.07 N | 42.05 1.03 -14.95 N | 24.56 0.96 0.00 N | 49.63 2.13 0.00 N | 122.35 4.95 0.00 N | 128.86 4.92 0.00 N | 92.76 4.25 0.00 N | 93.58 4.17 0.00 N | 95.60 4.34 0.00 N | 94.43 4.39 0.00 N | 93.69 4.28 0.00 N | 90.50 4.13 0.00 N | 92.30 4.27 0.00 N | 85.80 4.06 0.00 N | 91.17 4.28 0.00 N | 90.56 4.34 0.00 N | 94.08 4.46 0.00 N | 101.08 4.57 0.00 N | 92.64 3.96 0.00 N | 61.94 2.68 0.00 N | 51.01 2.05 0.00 N | 47.34 1.99 0.00 N |
| SHOREHAM_IC_1 23715 | 62.72 1.37 -46.57 N | 86.11 4.47 -34.09 N | 170.51 -0.40 -177.34 N | 50.47 1.95 -22.44 N | 85.29 2.11 -59.58 N | 85.54 3.94 -34.10 N | 120.33 2.93 0.00 N | 123.37 1.63 2.21 N | 92.10 3.60 0.00 N | 92.39 2.98 0.00 N | 96.55 5.29 0.00 N | 95.80 5.76 0.00 N | 94.87 5.46 0.00 N | 92.84 6.14 -0.33 N | 93.66 5.64 0.00 N | 87.64 5.90 0.00 N | 92.89 6.00 0.00 N | 92.77 6.55 0.00 N | 96.77 7.12 -0.02 N | 103.60 7.08 0.00 N | 95.14 6.46 0.00 N | 88.21 4.80 -24.15 N | 92.80 3.91 -39.93 N | 80.59 3.83 -31.41 N |
| SHOREHAM_IC_2 23716 | 62.72 1.37 -46.57 N | 86.11 4.47 -34.09 N | 170.51 -0.40 -177.34 N | 50.47 1.95 -22.44 N | 85.29 2.11 -59.58 N | 85.54 3.94 -34.10 N | 120.33 2.93 0.00 N | 123.37 1.63 2.21 N | 92.10 3.60 0.00 N | 92.39 2.98 0.00 N | 96.55 5.29 0.00 N | 95.80 5.76 0.00 N | 94.87 5.46 0.00 N | 92.84 6.14 -0.33 N | 93.66 5.64 0.00 N | 87.64 5.90 0.00 N | 92.89 6.00 0.00 N | 92.77 6.55 0.00 N | 96.77 7.12 -0.02 N | 103.60 7.08 0.00 N | 95.14 6.46 0.00 N | 88.21 4.80 -24.15 N | 92.80 3.91 -39.93 N | 80.59 3.83 -31.41 N |
| SISSONVILLE____ 23735 | 13.61 -1.17 0.00 N | 43.02 -4.51 0.03 N | -12.42 0.57 6.56 N | 23.74 -1.70 0.64 N | 21.92 -1.68 0.00 N | 43.96 -3.54 0.00 N | 109.78 -7.62 0.00 N | 118.42 -8.02 0.00 N | 80.48 -8.02 0.00 N | 82.63 -6.78 0.00 N | 84.12 -7.14 0.00 N | 82.81 -7.23 0.00 N | 81.39 -8.02 0.00 N | 78.82 -7.55 0.00 N | 79.95 -8.07 0.00 N | 74.20 -7.53 0.00 N | 79.00 -7.89 0.00 N | 78.21 -8.01 0.00 N | 82.05 -7.57 0.00 N | 88.61 -7.90 0.00 N | 82.19 -6.49 0.00 N | 55.02 -4.25 0.00 N | 45.76 -3.20 0.00 N | 42.20 -3.15 0.00 N |
| SITHE_IND_GS1 24169 | 14.33 -0.44 0.00 N | 46.11 -1.48 -0.04 N | 4.39 0.20 -10.62 N | 26.35 -0.77 -1.04 N | 22.90 -0.69 0.00 N | 46.03 -1.47 0.00 N | 113.88 -3.52 0.00 N | 120.33 -3.62 0.00 N | 85.86 -2.65 0.00 N | 86.86 -2.55 0.00 N | 88.58 -2.68 0.00 N | 87.35 -2.69 0.00 N | 86.72 -2.69 0.00 N | 83.87 -2.51 0.00 N | 85.37 -2.65 0.00 N | 79.25 -2.49 0.00 N | 84.33 -2.56 0.00 N | 83.59 -2.63 0.00 N | 86.97 -2.65 0.00 N | 93.83 -2.69 0.00 N | 86.25 -2.43 0.00 N | 57.57 -1.69 0.00 N | 47.62 -1.34 0.00 N | 44.01 -1.34 0.00 N |
| SITHE_IND_GS2 24170 | 14.33 -0.44 0.00 N | 46.11 -1.48 -0.04 N | 4.39 0.20 -10.62 N | 26.35 -0.77 -1.04 N | 22.90 -0.69 0.00 N | 46.03 -1.47 0.00 N | 113.88 -3.52 0.00 N | 120.33 -3.62 0.00 N | 85.86 -2.65 0.00 N | 86.86 -2.55 0.00 N | 88.58 -2.68 0.00 N | 87.35 -2.69 0.00 N | 86.72 -2.69 0.00 N | 83.87 -2.51 0.00 N | 85.37 -2.65 0.00 N | 79.25 -2.49 0.00 N | 84.33 -2.56 0.00 N | 83.59 -2.63 0.00 N | 86.97 -2.65 0.00 N | 93.83 -2.69 0.00 N | 86.25 -2.43 0.00 N | 57.57 -1.69 0.00 N | 47.62 -1.34 0.00 N | 44.01 -1.34 0.00 N |
| SITHE_IND_GS3 24171 | 14.33 -0.44 0.00 N | 46.11 -1.48 -0.04 N | 4.39 0.20 -10.62 N | 26.35 -0.77 -1.04 N | 22.90 -0.69 0.00 N | 46.03 -1.47 0.00 N | 113.88 -3.52 0.00 N | 120.33 -3.62 0.00 N | 85.86 -2.65 0.00 N | 86.86 -2.55 0.00 N | 88.58 -2.68 0.00 N | 87.35 -2.69 0.00 N | 86.72 -2.69 0.00 N | 83.87 -2.51 0.00 N | 85.37 -2.65 0.00 N | 79.25 -2.49 0.00 N | 84.33 -2.56 0.00 N | 83.59 -2.63 0.00 N | 86.97 -2.65 0.00 N | 93.83 -2.69 0.00 N | 86.25 -2.43 0.00 N | 57.57 -1.69 0.00 N | 47.62 -1.34 0.00 N | 44.01 -1.34 0.00 N |
| SITHE_IND_GS4 24172 | 14.33 -0.44 0.00 N | 46.11 -1.48 -0.04 N | 4.39 0.20 -10.62 N | 26.35 -0.77 -1.04 N | 22.90 -0.69 0.00 N | 46.03 -1.47 0.00 N | 113.88 -3.52 0.00 N | 120.33 -3.62 0.00 N | 85.86 -2.65 0.00 N | 86.86 -2.55 0.00 N | 88.58 -2.68 0.00 N | 87.35 -2.69 0.00 N | 86.72 -2.69 0.00 N | 83.87 -2.51 0.00 N | 85.37 -2.65 0.00 N | 79.25 -2.49 0.00 N | 84.33 -2.56 0.00 N | 83.59 -2.63 0.00 N | 86.97 -2.65 0.00 N | 93.83 -2.69 0.00 N | 86.25 -2.43 0.00 N | 57.57 -1.69 0.00 N | 47.62 -1.34 0.00 N | 44.01 -1.34 0.00 N |
| SITHE___BATAVIA 24024 | 14.09 -0.68 0.00 N | 45.29 -2.36 -0.09 N | 17.28 0.28 -23.43 N | 27.36 -1.01 -2.29 N | 22.67 -0.93 0.00 N | 44.90 -2.60 0.00 N | 110.96 -6.45 0.00 N | 116.35 -7.59 0.00 N | 81.83 -6.68 0.00 N | 83.60 -5.81 0.00 N | 84.63 -6.63 0.00 N | 83.23 -6.81 0.00 N | 82.56 -6.85 0.00 N | 80.52 -5.85 0.00 N | 81.53 -6.49 0.00 N | 75.71 -6.03 0.00 N | 82.20 -4.68 0.00 N | 81.03 -5.19 0.00 N | 84.26 -5.36 0.00 N | 92.08 -4.44 0.00 N | 85.15 -3.52 0.00 N | 56.97 -2.29 0.00 N | 47.83 -1.13 0.00 N | 43.62 -1.73 0.00 N |
| SITHE___INDEPEND 23800 | 14.33 -0.44 0.00 N | 46.11 -1.48 -0.04 N | 4.39 0.20 -10.62 N | 26.35 -0.77 -1.04 N | 22.90 -0.69 0.00 N | 46.03 -1.47 0.00 N | 113.88 -3.52 0.00 N | 120.33 -3.62 0.00 N | 85.86 -2.65 0.00 N | 86.86 -2.55 0.00 N | 88.58 -2.68 0.00 N | 87.35 -2.69 0.00 N | 86.72 -2.69 0.00 N | 83.87 -2.51 0.00 N | 85.37 -2.65 0.00 N | 79.25 -2.49 0.00 N | 84.33 -2.56 0.00 N | 83.59 -2.63 0.00 N | 86.97 -2.65 0.00 N | 93.83 -2.69 0.00 N | 86.25 -2.43 0.00 N | 57.57 -1.69 0.00 N | 47.62 -1.34 0.00 N | 44.01 -1.34 0.00 N |
| SITHE___MASSENA 23902 | 13.84 -0.94 0.00 N | 43.81 -3.72 0.04 N | -15.02 0.46 9.06 N | 24.03 -1.16 0.88 N | 22.38 -1.22 0.00 N | 44.78 -2.73 0.00 N | 111.57 -5.83 0.00 N | 120.21 -3.73 0.00 N | 81.44 -7.07 0.00 N | 83.52 -5.89 0.00 N | 85.01 -6.25 0.00 N | 83.73 -6.31 0.00 N | 82.24 -7.17 0.00 N | 79.69 -6.68 0.00 N | 80.85 -7.17 0.00 N | 75.06 -6.67 0.00 N | 80.14 -6.74 0.00 N | 79.25 -6.96 0.00 N | 82.78 -6.84 0.00 N | 89.68 -6.83 0.00 N | 83.35 -5.32 0.00 N | 55.87 -3.39 0.00 N | 46.61 -2.35 0.00 N | 43.03 -2.33 0.00 N |
| SITHE___OGDNSBRG 24021 | 13.94 -0.84 0.00 N | 44.12 -3.41 0.03 N | -13.82 0.42 7.81 N | 24.30 -1.02 0.76 N | 22.52 -1.07 0.00 N | 45.15 -2.35 0.00 N | 112.95 -4.45 0.00 N | 121.83 -2.11 0.00 N | 82.58 -5.93 0.00 N | 84.76 -4.64 0.00 N | 86.25 -5.01 0.00 N | 84.92 -5.12 0.00 N | 83.42 -5.99 0.00 N | 80.81 -5.56 0.00 N | 81.94 -6.08 0.00 N | 76.10 -5.64 0.00 N | 81.20 -5.69 0.00 N | 80.35 -5.86 0.00 N | 84.14 -5.48 0.00 N | 91.09 -5.42 0.00 N | 84.55 -4.13 0.00 N | 56.57 -2.69 0.00 N | 47.10 -1.86 0.00 N | 43.44 -1.91 0.00 N |
| SITHE___STERLING 23777 | 14.72 -0.06 0.00 N | 47.25 -0.32 -0.02 N | -2.01 0.04 -4.37 N | 26.43 -0.08 -0.43 N | 23.55 -0.05 0.00 N | 47.35 -0.15 0.00 N | 117.94 0.54 0.00 N | 125.17 1.22 0.00 N | 89.13 0.62 0.00 N | 90.21 0.80 0.00 N | 92.07 0.81 0.00 N | 90.81 0.76 0.00 N | 90.06 0.66 0.00 N | 87.05 0.68 0.00 N | 88.64 0.62 0.00 N | 82.22 0.49 0.00 N | 87.38 0.49 0.00 N | 86.67 0.45 0.00 N | 90.49 0.87 0.00 N | 97.64 1.13 0.00 N | 89.54 0.86 0.00 N | 59.62 0.36 0.00 N | 49.15 0.19 0.00 N | 45.41 0.06 0.00 N |
| SOUTH CAIRO___GT 23612 | 15.71 0.94 0.00 N | 51.39 3.07 -0.76 N | 189.99 -0.39 -196.81 N | 46.82 1.52 -19.22 N | 25.00 1.40 0.00 N | 50.53 3.03 0.00 N | 124.80 7.40 0.00 N | 131.76 7.82 0.00 N | 94.78 6.28 0.00 N | 95.59 6.18 0.00 N | 97.72 6.46 0.00 N | 96.51 6.48 0.00 N | 95.79 6.38 0.00 N | 92.42 6.05 0.00 N | 94.31 6.29 0.00 N | 87.62 5.88 0.00 N | 93.00 6.11 0.00 N | 92.38 6.16 0.00 N | 96.19 6.57 0.00 N | 103.27 6.76 0.00 N | 94.65 5.97 0.00 N | 63.21 3.95 0.00 N | 51.98 3.01 0.00 N | 48.20 2.85 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 |
| SOUTH HAMPTN___IC 23720 | 62.80 1.45 -46.57 N | 86.34 4.71 -34.09 N | 170.47 -0.44 -177.34 N | 50.59 2.07 -22.44 N | 85.45 2.27 -59.58 N | 85.86 4.26 -34.10 N | 122.88 5.48 0.00 N | 126.23 4.46 2.17 N | 93.46 4.95 0.00 N | 93.55 4.14 0.00 N | 97.54 6.28 0.00 N | 96.72 6.68 0.00 N | 95.79 6.38 0.00 N | 93.72 7.02 -0.33 N | 94.56 6.54 0.00 N | 88.49 6.76 0.00 N | 93.79 6.91 0.00 N | 93.70 7.49 0.00 N | 97.76 8.12 -0.02 N | 104.68 8.17 0.00 N | 96.06 7.38 0.00 N | 88.78 5.37 -24.15 N | 93.23 4.34 -39.93 N | 80.90 4.14 -31.41 N | |
| SOUTHOLD___IC 23719 | 63.12 1.77 -46.57 N | 87.35 5.71 -34.09 N | 170.33 -0.58 -177.34 N | 51.12 2.60 -22.44 N | 85.95 2.78 -59.58 N | 86.89 5.29 -34.10 N | 125.82 8.42 0.00 N | 129.59 7.81 2.17 N | 96.03 7.52 0.00 N | 96.22 6.81 0.00 N | 100.28 9.02 0.00 N | 99.41 9.37 0.00 N | 98.44 9.04 0.00 N | 96.29 9.59 -0.33 N | 97.19 9.17 0.00 N | 90.93 9.19 0.00 N | 96.45 9.56 0.00 N | 96.42 10.20 0.00 N | 100.90 11.25 -0.02 N | 107.99 11.47 0.00 N | 98.96 10.28 0.00 N | 90.59 7.18 -24.15 N | 94.56 5.67 -39.93 N | 82.01 5.24 -31.41 N | |
| ST LAWRENCE____ 23600 | 13.76 -1.02 0.00 N | 43.53 -3.99 0.04 N | -15.61 0.50 9.68 N | 23.82 -1.31 0.95 N | 22.25 -1.35 0.00 N | 44.46 -3.04 0.00 N | 110.73 -6.67 0.00 N | 119.26 -4.69 0.00 N | 80.76 -7.75 0.00 N | 82.80 -6.61 0.00 N | 84.27 -6.99 0.00 N | 83.02 -7.02 0.00 N | 81.55 -7.86 0.00 N | 79.04 -7.33 0.00 N | 80.17 -7.86 0.00 N | 74.47 -7.27 0.00 N | 79.50 -7.39 0.00 N | 78.60 -7.61 0.00 N | 81.99 -7.62 0.00 N | 88.89 -7.63 0.00 N | 82.65 -6.03 0.00 N | 55.43 -3.84 0.00 N | 46.30 -2.66 0.00 N | 42.74 -2.61 0.00 N | |
| STATION 5_MISC_HYD 23604 | 14.21 -0.56 0.00 N | 45.53 -2.10 -0.08 N | 13.83 0.26 -19.99 N | 27.06 -0.97 -1.95 N | 22.78 -0.82 0.00 N | 45.64 -1.86 0.00 N | 114.51 -2.89 0.00 N | 121.67 -2.28 0.00 N | 86.48 -2.03 0.00 N | 88.09 -1.32 0.00 N | 89.56 -1.70 0.00 N | 88.10 -1.95 0.00 N | 87.31 -2.10 0.00 N | 84.85 -1.52 0.00 N | 86.02 -2.00 0.00 N | 79.61 -2.12 0.00 N | 85.09 -1.80 0.00 N | 84.07 -2.14 0.00 N | 88.33 -1.29 0.00 N | 96.23 -0.28 0.00 N | 88.27 -0.41 0.00 N | 58.61 -0.65 0.00 N | 48.35 -0.61 0.00 N | 44.02 -1.33 0.00 N | |
| STURGEON_POOL_HYD 23609 | 15.50 0.72 0.00 N | 50.54 2.33 -0.65 N | 162.93 -0.27 -169.63 N | 43.74 1.10 -16.56 N | 24.64 1.05 0.00 N | 49.79 2.29 0.00 N | 122.70 5.30 0.00 N | 129.29 5.35 0.00 N | 93.32 4.81 0.00 N | 94.16 4.75 0.00 N | 96.37 5.11 0.00 N | 95.25 5.21 0.00 N | 94.53 5.12 0.00 N | 91.28 4.90 0.00 N | 93.08 5.06 0.00 N | 86.38 4.64 0.00 N | 91.71 4.82 0.00 N | 91.16 4.95 0.00 N | 94.78 5.16 0.00 N | 101.80 5.29 0.00 N | 93.29 4.61 0.00 N | 62.35 3.09 0.00 N | 51.32 2.36 0.00 N | 47.65 2.30 0.00 N | |
| SYRACUSE___POWER 24017 | 14.56 -0.22 0.00 N | 46.72 -0.90 -0.06 N | 9.62 0.12 -15.93 N | 27.21 -0.43 -1.56 N | 23.24 -0.36 0.00 N | 46.63 -0.87 0.00 N | 115.82 -1.58 0.00 N | 122.53 -1.41 0.00 N | 87.42 -1.09 0.00 N | 88.50 -0.91 0.00 N | 90.30 -0.96 0.00 N | 89.00 -1.04 0.00 N | 88.34 -1.07 0.00 N | 85.44 -0.93 0.00 N | 86.96 -1.06 0.00 N | 80.70 -1.03 0.00 N | 85.85 -1.04 0.00 N | 85.10 -1.11 0.00 N | 88.71 -0.91 0.00 N | 95.76 -0.75 0.00 N | 87.88 -0.80 0.00 N | 58.57 -0.69 0.00 N | 48.34 -0.62 0.00 N | 44.66 -0.69 0.00 N | |
| Stony___Brook 24151 | 62.75 1.40 -46.57 N | 86.10 4.46 -34.09 N | 170.51 -0.40 -177.34 N | 50.45 1.93 -22.44 N | 85.33 2.15 -59.58 N | 85.66 4.06 -34.10 N | 122.78 5.38 0.00 N | 126.15 4.57 2.37 N | 93.70 5.19 0.00 N | 93.89 4.48 0.00 N | 97.30 6.04 0.00 N | 96.36 6.32 0.00 N | 95.49 6.08 0.00 N | 93.45 6.75 -0.33 N | 94.25 6.22 0.00 N | 88.21 6.48 0.00 N | 93.45 6.56 0.00 N | 93.14 6.93 0.00 N | 97.02 7.37 -0.02 N | 103.91 7.40 0.00 N | 95.56 6.88 0.00 N | 88.43 5.01 -24.15 N | 92.99 4.09 -39.93 N | 80.67 3.91 -31.41 N | |
| UPPER HUDSON___HYD 24058 | 15.10 0.33 0.00 N | 49.83 1.42 -0.85 N | 214.85 -0.21 -221.49 N | 48.41 0.70 -21.63 N | 24.13 0.53 0.00 N | 48.93 1.43 0.00 N | 121.07 3.67 0.00 N | 127.86 3.92 0.00 N | 91.21 2.70 0.00 N | 91.02 1.61 0.00 N | 93.33 2.07 0.00 N | 91.99 1.95 0.00 N | 92.50 3.09 0.00 N | 88.47 2.10 0.00 N | 90.61 2.59 0.00 N | 84.19 2.45 0.00 N | 89.41 2.52 0.00 N | 89.21 2.99 0.00 N | 91.98 2.36 0.00 N | 98.82 2.31 0.00 N | 91.26 2.58 0.00 N | 60.79 1.53 0.00 N | 50.19 1.23 0.00 N | 46.38 1.03 0.00 N | |
| UPPER RAQUET___HYD 24056 | 13.61 -1.17 0.00 N | 43.02 -4.51 0.03 N | -12.42 0.57 6.56 N | 23.74 -1.70 0.64 N | 21.92 -1.68 0.00 N | 43.96 -3.54 0.00 N | 109.78 -7.62 0.00 N | 118.42 -5.52 0.00 N | 80.48 -8.02 0.00 N | 82.63 -6.78 0.00 N | 84.12 -7.14 0.00 N | 82.81 -7.23 0.00 N | 81.39 -8.02 0.00 N | 78.82 -7.55 0.00 N | 79.95 -8.07 0.00 N | 74.20 -7.53 0.00 N | 79.00 -7.89 0.00 N | 78.21 -8.01 0.00 N | 82.05 -7.57 0.00 N | 88.61 -7.90 0.00 N | 82.19 -6.49 0.00 N | 55.02 -4.25 0.00 N | 45.76 -3.20 0.00 N | 42.20 -3.15 0.00 N | |
| VISCHER___FERRY HYD 24020 | 15.30 0.53 0.00 N | 50.42 2.04 -0.83 N | 207.99 -0.29 -214.71 N | 48.09 1.04 -20.97 N | 24.49 0.89 0.00 N | 49.52 2.02 0.00 N | 122.13 4.73 0.00 N | 128.72 4.78 0.00 N | 92.09 3.58 0.00 N | 92.65 3.24 0.00 N | 94.74 3.47 0.00 N | 93.39 3.36 0.00 N | 93.06 3.65 0.00 N | 89.42 3.05 0.00 N | 91.53 3.51 0.00 N | 85.04 3.30 0.00 N | 90.23 3.35 0.00 N | 89.90 3.69 0.00 N | 93.20 3.58 0.00 N | 99.75 3.24 0.00 N | 91.82 3.15 0.00 N | 61.38 2.12 0.00 N | 50.68 1.71 0.00 N | 46.99 1.64 0.00 N | |
| WADING RIVER_IC_1 23522 | 62.68 1.33 -46.57 N | 86.01 4.36 -34.09 N | 170.53 -0.39 -177.34 N | 50.40 1.88 -22.44 N | 85.24 2.06 -59.58 N | 85.41 3.81 -34.10 N | 121.41 4.01 0.00 N | 124.50 2.71 2.15 N | 92.11 3.60 0.00 N | 92.17 2.76 0.00 N | 96.29 5.03 0.00 N | 95.54 5.50 0.00 N | 94.62 5.21 0.00 N | 92.59 5.88 -0.33 N | 93.42 5.40 0.00 N | 87.39 5.66 0.00 N | 92.62 5.73 0.00 N | 92.48 6.26 0.00 N | 96.42 6.78 -0.02 N | 103.23 6.71 0.00 N | 94.84 6.16 0.00 N | 88.03 4.62 -24.15 N | 92.66 3.77 -39.93 N | 80.46 3.70 -31.41 N | |
| WADING RIVER_IC_2 23547 | 62.68 1.33 -46.57 N | 86.01 4.36 -34.09 N | 170.53 -0.39 -177.34 N | 50.40 1.88 -22.44 N | 85.24 2.06 -59.58 N | 85.41 3.81 -34.10 N | 121.41 4.01 0.00 N | 124.50 2.71 2.15 N | 92.11 3.60 0.00 N | 92.17 2.76 0.00 N | 96.29 5.03 0.00 N | 95.54 5.50 0.00 N | 94.62 5.21 0.00 N | 92.59 5.88 -0.33 N | 93.42 5.40 0.00 N | 87.39 5.66 0.00 N | 92.62 5.73 0.00 N | 92.48 6.26 0.00 N | 96.42 6.78 -0.02 N | 103.23 6.71 0.00 N | 94.84 6.16 0.00 N | 88.03 4.62 -24.15 N | 92.66 3.77 -39.93 N | 80.46 3.70 -31.41 N | |
| WADING RIVER_IC_3 23601 | 62.68 1.33 -46.57 N | 86.01 4.36 -34.09 N | 170.53 -0.39 -177.34 N | 50.40 1.88 -22.44 N | 85.24 2.06 -59.58 N | 85.41 3.81 -34.10 N | 121.41 4.01 0.00 N | 124.50 2.71 2.15 N | 92.11 3.60 0.00 N | 92.17 2.76 0.00 N | 96.29 5.03 0.00 N | 95.54 5.50 0.00 N | 94.62 5.21 0.00 N | 92.59 5.88 -0.33 N | 93.42 5.40 0.00 N | 87.39 5.66 0.00 N | 92.62 5.73 0.00 N | 92.48 6.26 0.00 N | 96.42 6.78 -0.02 N | 103.23 6.71 0.00 N | 94.84 6.16 0.00 N | 88.03 4.62 -24.15 N | 92.66 3.77 -39.93 N | 80.46 3.70 -31.41 N | |
| WALDEN___HYDRO | 15.57 | 50.62 | 157.31 | 43.23 | 24.69 | 49.86 | 122.83 | 129.65 | 93.28 | 94.09 | 96.18 | 94.98 | 94.21 | 91.01 | 92.83 | 86.46 | 91.87 | 91.32 | 94.87 | 101.94 | 93.46 | 62.45 | 51.37 | 47.73 | |

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| 24148 | 0.79 0.00 N | 2.43 -0.63 N | -0.27 -164.01 N | 1.13 -16.02 N | 1.09 0.00 N | 2.36 0.00 N | 5.43 0.00 N | 5.71 0.00 N | 4.77 0.00 N | 4.69 0.00 N | 4.92 0.00 N | 4.94 0.00 N | 4.80 0.00 N | 4.64 0.00 N | 4.80 0.00 N | 4.72 0.00 N | 4.99 0.00 N | 5.11 0.00 N | 5.25 0.00 N | 5.43 0.00 N | 4.78 0.00 N | 3.19 0.00 N | 2.41 0.00 N | 2.38 0.00 N |
| WARRENSBURG____ 23737 | 15.13 0.36 0.00 N | 49.88 1.47 -0.85 N | 214.84 -0.22 -221.49 N | 48.43 0.73 -21.63 N | 24.15 0.56 0.00 N | 49.00 1.50 0.00 N | 121.23 3.83 0.00 N | 128.05 4.11 0.00 N | 91.33 2.83 0.00 N | 91.16 1.75 0.00 N | 93.47 2.21 0.00 N | 92.10 2.06 0.00 N | 92.61 3.20 0.00 N | 88.59 2.22 0.00 N | 90.74 2.72 0.00 N | 84.30 2.57 0.00 N | 89.54 2.65 0.00 N | 89.33 3.12 0.00 N | 92.15 2.53 0.00 N | 99.00 2.48 0.00 N | 91.39 2.71 0.00 N | 60.88 1.62 0.00 N | 50.24 1.28 0.00 N | 46.44 1.09 0.00 N |
| WATERSIDE____6 8 9 23538 | 16.11 1.34 0.00 N | 52.38 4.16 -0.66 N | 165.54 -0.48 -172.44 N | 44.93 2.01 -16.84 N | 25.54 1.94 0.00 N | 51.77 4.27 0.00 N | 127.37 9.96 0.00 N | 134.69 10.75 0.00 N | 97.64 9.13 0.00 N | 98.63 9.22 0.00 N | 101.11 9.85 0.00 N | 99.82 9.78 0.00 N | 98.75 9.34 0.00 N | 95.44 9.07 0.00 N | 97.63 9.61 0.00 N | 90.78 9.04 0.00 N | 96.50 9.62 0.00 N | 95.71 9.49 0.00 N | 99.51 9.89 0.00 N | 106.64 10.13 0.00 N | 97.50 8.82 0.00 N | 65.10 5.84 0.00 N | 53.50 4.54 0.00 N | 49.59 4.23 0.00 N |
| WEST BABYLON____IC 23714 | 62.88 1.53 -46.57 N | 85.76 4.61 -33.59 N | 170.06 -0.43 -176.92 N | 50.08 2.05 -21.96 N | 80.29 2.22 -54.48 N | 83.08 4.40 -31.18 N | 125.19 7.79 0.00 N | 130.12 7.63 1.46 N | 96.14 7.63 0.00 N | 96.72 7.32 0.00 N | 99.56 8.30 0.00 N | 98.36 8.32 0.00 N | 97.49 8.08 0.00 N | 95.16 8.45 -0.33 N | 96.00 7.98 0.00 N | 89.66 7.92 0.00 N | 94.97 8.08 0.00 N | 94.74 8.53 0.00 N | 98.67 9.02 -0.02 N | 105.61 9.10 0.00 N | 96.95 8.27 0.00 N | 89.36 5.95 -24.15 N | 93.63 4.74 -39.93 N | 81.10 4.34 -31.41 N |
| WEST CANADA____HYD 24049 | 14.78 0.00 0.00 N | 47.53 -0.01 0.02 N | -11.42 0.00 5.00 N | 25.59 0.00 0.49 N | 23.59 0.00 0.00 N | 47.50 0.00 0.00 N | 117.43 0.03 0.00 N | 124.10 0.15 0.00 N | 88.51 0.00 0.00 N | 89.40 -0.01 0.00 N | 91.26 0.00 0.00 N | 90.12 0.08 0.00 N | 89.42 0.01 0.00 N | 86.37 0.00 0.00 N | 88.02 0.00 0.00 N | 81.74 0.00 0.00 N | 86.88 -0.01 0.00 N | 86.21 0.00 0.00 N | 89.62 0.00 0.00 N | 96.53 0.02 0.00 N | 88.70 0.02 0.00 N | 59.26 0.00 0.00 N | 48.97 0.00 0.00 N | 45.35 0.00 0.00 N |
| WESTERN_NY_WIND 24143 | 14.07 -0.70 0.00 N | 45.25 -2.40 -0.09 N | 17.60 0.28 -23.74 N | 27.37 -1.03 -2.32 N | 22.65 -0.94 0.00 N | 44.85 -2.65 0.00 N | 110.80 -6.60 0.00 N | 116.26 -7.69 0.00 N | 81.90 -6.61 0.00 N | 83.68 -5.73 0.00 N | 84.69 -6.57 0.00 N | 83.27 -6.77 0.00 N | 82.61 -6.80 0.00 N | 80.59 -5.78 0.00 N | 81.60 -6.42 0.00 N | 75.73 -6.00 0.00 N | 82.11 -4.78 0.00 N | 80.92 -5.30 0.00 N | 84.11 -5.51 0.00 N | 91.94 -4.57 0.00 N | 85.06 -3.62 0.00 N | 56.92 -2.34 0.00 N | 47.82 -1.14 0.00 N | 43.58 -1.77 0.00 N |
| YORK____WARBASSE 23770 | 16.34 1.57 0.00 N | 53.11 4.89 -0.66 N | 165.45 -0.56 -172.44 N | 45.30 2.38 -16.84 N | 25.86 2.27 0.00 N | 52.48 4.97 0.00 N | 129.05 11.65 0.00 N | 136.44 12.49 0.00 N | 99.46 10.95 0.00 N | 100.52 11.11 0.00 N | 103.09 11.83 0.00 N | 145.78 11.63 -44.11 N | 122.53 11.12 -22.01 N | 97.21 10.85 0.00 N | 99.54 11.52 0.00 N | 92.54 10.80 0.00 N | 98.25 11.37 0.00 N | 166.92 11.11 -69.61 N | 102.56 11.69 -1.25 N | 256.58 12.00 -148.07 N | 267.60 10.53 -168.40 N | 290.50 7.02 -224.22 N | 54.48 5.51 0.00 N | 50.49 5.14 0.00 N |