

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

01/04/2006

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|
| 59TH STREET_GT_1 24138 | 89.67 4.52 0.00 N | 61.91 2.95 0.00 N | 74.18 3.43 0.00 N | 58.56 2.79 0.00 N | 96.36 4.39 0.00 N | 70.91 4.28 0.00 N | 111.66 8.23 0.38 N | 91.98 6.89 -2.62 N | 92.29 5.62 -21.08 N | 98.35 4.26 -47.54 N | 168.30 2.31 -139.23 N | 86.90 5.23 -20.44 N | 84.89 6.60 -1.56 N | 83.06 6.38 0.00 N | 76.08 5.59 0.00 N | 86.69 6.38 0.00 N | 103.97 7.55 -12.25 N | 316.44 26.56 0.00 N | 179.39 12.06 -40.80 N | 93.35 6.10 -24.47 N | 85.31 7.08 -1.59 N | 83.40 6.51 0.00 N | 76.06 5.43 0.05 N | 105.33 6.65 0.00 N |
| 74TH STREET_GT_1 24260 | 89.65 4.51 0.00 N | 61.91 2.95 0.00 N | 74.17 3.42 0.00 N | 58.55 2.78 0.00 N | 96.34 4.37 0.00 N | 70.90 4.26 0.00 N | 111.65 8.22 0.38 N | 91.91 6.82 -2.62 N | 92.20 5.52 -21.08 N | 98.28 4.19 -47.54 N | 168.25 2.26 -139.23 N | 86.79 5.12 -20.44 N | 84.75 6.46 -1.56 N | 82.92 6.23 0.00 N | 75.96 5.48 0.00 N | 86.54 6.23 0.00 N | 103.81 7.39 -12.25 N | 315.67 25.79 0.00 N | 179.09 11.76 -40.80 N | 93.26 6.01 -24.47 N | 85.21 6.98 -1.59 N | 83.35 6.47 0.00 N | 76.01 5.39 0.05 N | 105.28 6.60 0.00 N |
| 74TH STREET_GT_2 24261 | 89.65 4.51 0.00 N | 61.91 2.95 0.00 N | 74.17 3.42 0.00 N | 58.55 2.78 0.00 N | 96.34 4.37 0.00 N | 70.90 4.26 0.00 N | 111.65 8.22 0.38 N | 91.91 6.82 -2.62 N | 92.20 5.52 -21.08 N | 98.28 4.19 -47.54 N | 168.25 2.26 -139.23 N | 86.79 5.12 -20.44 N | 84.75 6.46 -1.56 N | 82.92 6.23 0.00 N | 75.96 5.48 0.00 N | 86.54 6.23 0.00 N | 103.81 7.39 -12.25 N | 315.67 25.79 0.00 N | 179.09 11.76 -40.80 N | 93.26 6.01 -24.47 N | 85.21 6.98 -1.59 N | 83.35 6.47 0.00 N | 76.01 5.39 0.05 N | 105.28 6.60 0.00 N |
| ADK HUDSON___FALLS 24011 | 87.36 2.21 0.00 N | 60.51 1.55 0.00 N | 72.48 1.73 0.00 N | 57.35 1.58 0.00 N | 94.70 2.73 0.00 N | 69.00 2.37 0.00 N | 109.28 5.47 0.00 N | 90.73 4.83 -3.44 N | 97.20 4.10 -27.51 N | 111.49 2.89 -62.05 N | 210.07 1.60 -181.71 N | 91.55 3.64 -26.68 N | 83.03 4.27 -2.04 N | 80.69 4.01 0.00 N | 74.01 3.52 0.00 N | 84.51 4.21 0.00 N | 105.40 5.24 -15.99 N | 307.25 17.37 0.00 N | 188.32 8.54 -53.24 N | 98.73 4.02 -31.94 N | 83.13 4.43 -2.07 N | 80.74 3.85 0.00 N | 73.74 3.06 0.00 N | 102.31 3.62 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 87.36 2.21 0.00 N | 60.51 1.55 0.00 N | 72.48 1.73 0.00 N | 57.35 1.58 0.00 N | 94.70 2.73 0.00 N | 69.00 2.37 0.00 N | 109.28 5.47 0.00 N | 90.73 4.83 -3.44 N | 97.20 4.10 -27.51 N | 111.49 2.89 -62.05 N | 210.07 1.60 -181.71 N | 91.55 3.64 -26.68 N | 83.03 4.27 -2.04 N | 80.69 4.01 0.00 N | 74.01 3.52 0.00 N | 84.51 4.21 0.00 N | 105.40 5.24 -15.99 N | 307.25 17.37 0.00 N | 188.32 8.54 -53.24 N | 98.73 4.02 -31.94 N | 83.13 4.43 -2.07 N | 80.74 3.85 0.00 N | 73.74 3.06 0.00 N | 102.31 3.62 0.00 N |
| ADK S GLENS___FALLS 24028 | 87.36 2.21 0.00 N | 60.51 1.55 0.00 N | 72.48 1.73 0.00 N | 57.35 1.58 0.00 N | 94.70 2.73 0.00 N | 69.00 2.37 0.00 N | 109.28 5.47 0.00 N | 90.73 4.83 -3.44 N | 97.20 4.10 -27.51 N | 111.49 2.89 -62.05 N | 210.07 1.60 -181.71 N | 91.55 3.64 -26.68 N | 83.03 4.27 -2.04 N | 80.69 4.01 0.00 N | 74.01 3.52 0.00 N | 84.51 4.21 0.00 N | 105.40 5.24 -15.99 N | 307.25 17.37 0.00 N | 188.32 8.54 -53.24 N | 98.73 4.02 -31.94 N | 83.13 4.43 -2.07 N | 80.74 3.85 0.00 N | 73.74 3.06 0.00 N | 102.31 3.62 0.00 N |
| ADK_NYS___DAM 23527 | 88.57 3.42 0.00 N | 61.31 2.35 0.00 N | 73.45 2.70 0.00 N | 58.12 2.36 0.00 N | 95.84 3.88 0.00 N | 69.62 2.98 0.00 N | 109.69 5.88 0.00 N | 90.74 4.94 -3.34 N | 96.59 4.22 -26.77 N | 109.92 2.99 -60.38 N | 205.26 1.68 -176.83 N | 91.01 3.85 -25.93 N | 83.32 4.61 -1.99 N | 81.01 4.33 0.00 N | 74.20 3.71 0.00 N | 84.83 4.52 0.00 N | 104.96 5.23 -15.56 N | 305.77 15.89 0.00 N | 186.49 8.13 -51.82 N | 97.78 3.92 -31.09 N | 83.07 4.41 -2.01 N | 80.97 4.08 0.00 N | 74.24 3.56 0.00 N | 103.27 4.59 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| ALBANY___1 23571 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| ALBANY___2 23572 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| ALBANY___3 | 88.25 | 61.16 | 73.35 | 57.93 | 95.52 | 69.44 | 109.23 | 90.48 | 96.21 | 109.66 | 204.91 | 90.68 | 83.02 | 80.72 | 74.08 | 84.55 | 104.63 | 306.29 | 186.09 | 97.60 | 83.06 | 80.94 | 74.04 | 102.89 |

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| 23573 | 3.10 0.00 N | 2.19 0.00 N | 2.59 0.00 N | 2.16 0.00 N | 3.55 0.00 N | 2.81 0.00 N | 5.42 0.00 N | 4.68 -3.34 N | 3.88 -26.74 N | 2.81 -60.30 N | 1.56 -176.59 N | 3.52 -25.93 N | 4.31 -1.98 N | 4.04 0.00 N | 3.60 0.00 N | 4.25 0.00 N | 4.93 -15.54 N | 16.41 0.00 N | 7.81 -51.75 N | 3.78 -31.04 N | 4.41 -2.01 N | 4.05 0.00 N | 3.36 0.00 N | 4.21 0.00 N |
| ALBANY____4 23574 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 86.56 1.42 0.00 N | 59.86 0.89 0.00 N | 71.83 1.08 0.00 N | 56.59 0.83 0.00 N | 93.32 1.35 0.00 N | 67.38 0.74 0.00 N | 103.88 0.07 0.00 N | 81.76 -0.71 0.00 N | 64.85 -0.74 0.00 N | 45.90 -0.65 0.00 N | 26.45 -0.30 0.00 N | 60.73 -0.50 0.00 N | 76.05 -0.67 0.00 N | 76.48 -0.20 0.00 N | 70.42 -0.06 0.00 N | 79.89 -0.41 0.00 N | 82.98 -1.18 0.00 N | 284.64 -5.24 0.00 N | 123.89 -2.64 0.00 N | 61.67 -1.10 0.00 N | 75.70 -0.94 0.00 N | 76.47 -0.42 0.00 N | 70.84 0.16 0.00 N | 99.61 0.92 0.00 N |
| ALLEGHENY____COGEN 23514 | 79.92 -5.23 0.00 N | 55.16 -3.80 0.00 N | 66.21 -4.55 0.00 N | 51.86 -3.91 0.00 N | 85.75 -6.22 0.00 N | 62.20 -4.43 0.00 N | 96.53 -6.69 0.59 N | 78.87 -4.06 -0.47 N | 66.20 -2.96 -3.57 N | 52.46 -2.13 -8.04 N | 49.06 -1.24 -23.55 N | 61.50 -3.19 -3.46 N | 73.39 -3.59 -0.27 N | 73.02 -3.66 0.00 N | 66.88 -3.61 0.00 N | 76.77 -3.53 0.00 N | 83.34 -2.90 -2.07 N | 284.61 -5.27 0.00 N | 130.14 -3.30 -6.90 N | 64.32 -2.59 -4.14 N | 73.16 -3.75 -0.27 N | 72.63 -4.26 0.00 N | 66.46 -4.11 0.11 N | 93.21 -5.48 0.00 N |
| AMERICAN_REF_FUEL 24010 | 74.55 -10.60 0.00 N | 51.65 -7.32 0.00 N | 61.99 -8.76 0.00 N | 48.36 -7.40 0.00 N | 79.93 -12.04 0.00 N | 57.08 -9.56 0.00 N | 62.78 -16.86 24.16 N | 69.90 -12.47 0.09 N | 59.20 -9.53 -3.14 N | 46.83 -6.80 -7.08 N | 43.64 -3.85 -20.73 N | 55.06 -9.22 -3.05 N | 65.86 -11.09 -0.23 N | 65.81 -10.87 0.00 N | 60.39 -10.09 0.00 N | 69.56 -10.74 0.00 N | 75.02 -10.97 -1.82 N | 256.23 -33.65 0.00 N | 116.90 -15.71 -6.07 N | 57.73 -8.69 -3.64 N | 65.70 -11.17 -0.24 N | 65.83 -11.00 0.05 N | 57.68 -9.61 3.40 N | 86.23 -12.45 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 89.20 4.05 0.00 N | 61.46 2.50 0.00 N | 73.56 2.81 0.00 N | 58.05 2.28 0.00 N | 95.45 3.49 0.00 N | 70.42 3.79 0.00 N | 110.84 7.41 0.38 N | 91.43 6.35 -2.62 N | 91.70 5.02 -21.08 N | 98.02 3.92 -47.54 N | 168.12 2.14 -139.23 N | 86.40 4.73 -20.44 N | 84.29 6.00 -1.56 N | 82.48 5.80 0.00 N | 75.57 5.08 0.00 N | 86.02 5.71 0.00 N | 103.06 6.64 -12.25 N | 311.50 21.62 0.00 N | 177.16 9.83 -40.80 N | 92.98 5.73 -24.47 N | 84.99 6.77 -1.59 N | 83.05 6.17 0.00 N | 75.63 5.00 0.05 N | 104.70 6.02 0.00 N |
| ARTHUR_KILL_2 23512 | 89.20 4.05 0.00 N | 61.46 2.50 0.00 N | 73.56 2.81 0.00 N | 58.05 2.28 0.00 N | 95.45 3.49 0.00 N | 70.42 3.79 0.00 N | 110.84 7.41 0.38 N | 91.43 6.35 -2.62 N | 91.70 5.02 -21.08 N | 98.02 3.92 -47.54 N | 168.12 2.14 -139.23 N | 86.40 4.73 -20.44 N | 84.29 6.00 -1.56 N | 82.48 5.80 0.00 N | 75.55 5.07 0.00 N | 86.01 5.70 0.00 N | 103.07 6.65 -12.25 N | 311.61 21.73 0.00 N | 177.16 9.83 -40.80 N | 92.98 5.73 -24.47 N | 84.99 6.77 -1.59 N | 83.05 6.17 0.00 N | 75.63 5.00 0.05 N | 104.70 6.02 0.00 N |
| ARTHUR_KILL_3 23513 | 89.31 4.16 0.00 N | 61.64 2.67 0.00 N | 73.87 3.11 0.00 N | 58.32 2.55 0.00 N | 95.97 4.00 0.00 N | 70.66 4.03 0.00 N | 111.25 7.82 0.38 N | 91.63 6.54 -2.62 N | 92.00 5.32 -21.08 N | 98.16 4.07 -47.54 N | 168.17 2.19 -139.23 N | 86.61 4.94 -20.44 N | 84.51 6.22 -1.56 N | 82.68 6.00 0.00 N | 75.71 5.23 0.00 N | 86.27 5.96 0.00 N | 103.56 7.14 -12.25 N | 315.20 25.32 0.00 N | 178.89 11.55 -40.80 N | 93.11 5.86 -24.47 N | 85.01 6.78 -1.59 N | 83.10 6.22 0.00 N | 75.77 5.14 0.05 N | 104.95 6.27 0.00 N |
| ASHOKAN____ 23654 | 90.58 5.44 0.00 N | 62.66 3.70 0.00 N | 75.09 4.34 0.00 N | 59.28 3.51 0.00 N | 97.73 5.77 0.00 N | 71.46 4.82 0.00 N | 112.50 9.04 0.35 N | 93.16 7.86 -2.84 N | 94.88 6.50 -22.78 N | 102.71 4.78 -51.38 N | 179.89 2.65 -150.49 N | 89.29 5.97 -22.09 N | 85.87 7.45 -1.69 N | 83.86 7.17 0.00 N | 76.88 6.39 0.00 N | 87.74 7.43 0.00 N | 105.99 8.58 -13.24 N | 320.26 30.38 0.00 N | 184.47 13.84 -44.10 N | 96.00 6.77 -26.45 N | 86.32 7.97 -1.71 N | 84.10 7.22 0.00 N | 76.66 6.02 0.05 N | 106.12 7.44 0.00 N |
| ASTORIA_GT2_1 24094 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT2_2 24095 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT2_3 24096 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT2_4 24097 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT3_1 24098 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |

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| ASTORIA_GT3_2 24099 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT3_3 24100 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT3_4 24101 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT4_1 24102 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT4_2 24103 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT4_3 24104 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT4_4 24105 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT_1 23523 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| ASTORIA_GT_10 24110 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| ASTORIA_GT_11 24225 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| ASTORIA_GT_12 24226 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| ASTORIA_GT_13 24227 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| ASTORIA_GT_5 24106 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 0.00 N |
| ASTORIA_GT_7 24107 | 89.89 4.75 0.00 N | 62.06 3.10 0.00 N | 74.28 3.52 0.00 N | 58.62 2.85 0.00 N | 96.12 4.16 0.00 N | 71.01 4.38 0.00 N | 111.82 8.39 0.38 N | 92.08 6.99 -2.62 N | 92.41 5.73 -21.08 N | 98.43 4.33 -47.54 N | 168.39 2.41 -139.23 N | 87.05 5.37 -20.44 N | 88.42 6.80 -4.90 N | 83.20 6.52 0.00 N | 76.29 5.80 0.00 N | 86.74 6.44 0.00 N | 103.93 7.52 -12.25 N | 323.59 23.16 -10.55 N | 199.84 10.73 -62.57 N | 93.45 6.20 -24.47 N | 85.45 7.22 -1.59 N | 83.68 6.80 0.00 N | 84.68 5.61 -8.38 N | 105.27 6.59 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 |
|---------------|-------|--------|-------|-------|--------|--------|--------|-------|--------|--------|---------|--------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|---|
| ASTORIA_GT_8 | 89.89 | 62.06 | 74.28 | 58.62 | 96.12 | 71.01 | 111.82 | 92.08 | 92.41 | 98.43 | 168.39 | 87.05 | 88.42 | 83.20 | 76.29 | 86.74 | 103.93 | 323.59 | 199.84 | 93.45 | 85.45 | 83.68 | 84.68 | 105.27 | |
| 24108 | 4.75 | 3.10 | 3.52 | 2.85 | 4.16 | 4.38 | 8.39 | 6.99 | 5.73 | 4.33 | 2.41 | 5.37 | 6.80 | 6.52 | 5.80 | 6.44 | 7.52 | 23.16 | 10.73 | 6.20 | 7.22 | 6.80 | 5.61 | 6.59 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -4.90 | 0.00 | 0.00 | 0.00 | -12.25 | -10.55 | -62.57 | -24.47 | -1.59 | 0.00 | -8.38 | 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 | 89.89 | 62.06 | 74.28 | 58.62 | 96.12 | 71.01 | 111.82 | 92.08 | 92.41 | 98.43 | 168.39 | 87.05 | 88.42 | 83.20 | 76.29 | 86.74 | 103.93 | 323.59 | 199.84 | 93.45 | 85.45 | 83.68 | 84.68 | 105.27 | |
| 24149 | 4.75 | 3.10 | 3.52 | 2.85 | 4.16 | 4.38 | 8.39 | 6.99 | 5.73 | 4.33 | 2.41 | 5.37 | 6.80 | 6.52 | 5.80 | 6.44 | 7.52 | 23.16 | 10.73 | 6.20 | 7.22 | 6.80 | 5.61 | 6.59 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -4.90 | 0.00 | 0.00 | 0.00 | -12.25 | -10.55 | -62.57 | -24.47 | -1.59 | 0.00 | -8.38 | 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 | 89.46 | 61.82 | 74.06 | 58.45 | 96.11 | 70.80 | 111.47 | 91.79 | 92.05 | 98.18 | 168.17 | 86.57 | 84.49 | 82.62 | 75.74 | 86.23 | 103.44 | 313.42 | 178.11 | 93.01 | 84.97 | 83.24 | 75.95 | 105.08 | |
| 23516 | 4.32 | 2.86 | 3.31 | 2.69 | 4.14 | 4.16 | 8.05 | 6.70 | 5.37 | 4.09 | 2.18 | 4.90 | 6.21 | 5.94 | 5.25 | 5.93 | 7.03 | 23.54 | 10.77 | 5.76 | 6.74 | 6.36 | 5.32 | 6.40 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -1.56 | 0.00 | 0.00 | 0.00 | -12.25 | 0.00 | -40.80 | -24.47 | -1.59 | 0.00 | 0.05 | 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 | 89.89 | 62.06 | 74.28 | 58.62 | 96.12 | 71.01 | 111.82 | 92.08 | 92.41 | 98.43 | 168.39 | 87.05 | 88.42 | 83.20 | 76.29 | 86.74 | 103.93 | 323.59 | 199.84 | 93.45 | 85.45 | 83.68 | 84.68 | 105.27 | |
| 23517 | 4.75 | 3.10 | 3.52 | 2.85 | 4.16 | 4.38 | 8.39 | 6.99 | 5.73 | 4.33 | 2.41 | 5.37 | 6.80 | 6.52 | 5.80 | 6.44 | 7.52 | 23.16 | 10.73 | 6.20 | 7.22 | 6.80 | 5.61 | 6.59 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -4.90 | 0.00 | 0.00 | 0.00 | -12.25 | -10.55 | -62.57 | -24.47 | -1.59 | 0.00 | -8.38 | 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 | 89.89 | 62.06 | 74.28 | 58.62 | 96.12 | 71.01 | 111.82 | 92.08 | 92.41 | 98.43 | 168.39 | 87.05 | 88.42 | 83.20 | 76.29 | 86.74 | 103.93 | 323.59 | 199.84 | 93.45 | 85.44 | 83.68 | 84.68 | 105.27 | |
| 23518 | 4.75 | 3.10 | 3.52 | 2.85 | 4.16 | 4.38 | 8.39 | 6.99 | 5.73 | 4.33 | 2.41 | 5.37 | 6.80 | 6.52 | 5.80 | 6.43 | 7.52 | 23.16 | 10.73 | 6.20 | 7.22 | 6.80 | 5.61 | 6.59 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -4.90 | 0.00 | 0.00 | 0.00 | -12.25 | -10.55 | -62.57 | -24.47 | -1.59 | 0.00 | -8.38 | 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 | 88.03 | 61.03 | 73.21 | 57.79 | 95.23 | 69.32 | 108.58 | 89.68 | 92.43 | 101.72 | 182.03 | 87.08 | 82.51 | 80.49 | 73.88 | 84.24 | 102.26 | 305.05 | 178.75 | 93.36 | 82.64 | 80.81 | 73.88 | 102.70 | |
| 23668 | 2.88 | 2.07 | 2.45 | 2.02 | 3.26 | 2.69 | 5.12 | 4.31 | 3.55 | 2.65 | 1.45 | 3.27 | 4.06 | 3.81 | 3.40 | 3.94 | 4.56 | 15.17 | 7.14 | 3.55 | 4.25 | 3.93 | 3.24 | 4.02 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | -2.90 | -23.29 | -52.52 | -153.81 | -22.58 | -1.73 | 0.00 | 0.00 | 0.00 | -13.54 | 0.00 | -45.07 | -27.04 | -1.75 | 0.00 | 0.05 | 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 | 88.03 | 61.03 | 73.21 | 57.79 | 95.23 | 69.32 | 108.58 | 89.68 | 92.43 | 101.72 | 182.03 | 87.08 | 82.51 | 80.49 | 73.88 | 84.24 | 102.26 | 305.05 | 178.75 | 93.36 | 82.64 | 80.81 | 73.88 | 102.70 | |
| 23670 | 2.88 | 2.07 | 2.45 | 2.02 | 3.26 | 2.69 | 5.12 | 4.31 | 3.55 | 2.65 | 1.45 | 3.27 | 4.06 | 3.81 | 3.40 | 3.94 | 4.56 | 15.17 | 7.14 | 3.55 | 4.25 | 3.93 | 3.24 | 4.02 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | -2.90 | -23.29 | -52.52 | -153.81 | -22.58 | -1.73 | 0.00 | 0.00 | 0.00 | -13.54 | 0.00 | -45.07 | -27.04 | -1.75 | 0.00 | 0.05 | 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 | 88.03 | 61.03 | 73.21 | 57.79 | 95.23 | 69.32 | 108.58 | 89.68 | 92.43 | 101.72 | 182.03 | 87.08 | 82.51 | 80.49 | 73.88 | 84.24 | 102.26 | 305.05 | 178.75 | 93.36 | 82.64 | 80.81 | 73.88 | 102.70 | |
| 23677 | 2.88 | 2.07 | 2.45 | 2.02 | 3.26 | 2.69 | 5.12 | 4.31 | 3.55 | 2.65 | 1.45 | 3.27 | 4.06 | 3.81 | 3.40 | 3.94 | 4.56 | 15.17 | 7.14 | 3.55 | 4.25 | 3.93 | 3.24 | 4.02 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | -2.90 | -23.29 | -52.52 | -153.81 | -22.58 | -1.73 | 0.00 | 0.00 | 0.00 | -13.54 | 0.00 | -45.07 | -27.04 | -1.75 | 0.00 | 0.05 | 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 | 90.92 | 73.18 | 78.99 | 64.89 | 104.13 | 87.13 | 115.57 | 92.80 | 92.84 | 98.97 | 168.52 | 87.46 | 85.89 | 84.16 | 82.08 | 88.04 | 106.90 | 318.96 | 180.10 | 93.93 | 86.11 | 84.44 | 87.33 | 105.87 | |
| 23704 | 5.77 | 4.20 | 4.79 | 3.97 | 6.52 | 5.70 | 10.12 | 7.71 | 6.16 | 4.88 | 2.54 | 5.79 | 7.61 | 7.48 | 6.96 | 7.73 | 9.17 | 29.08 | 12.77 | 6.68 | 7.88 | 7.33 | 6.33 | 7.19 | |
| | 0.00 | -10.02 | -3.44 | -5.15 | -5.64 | -14.80 | -1.65 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -1.56 | 0.00 | -4.63 | 0.00 | -13.56 | 0.00 | -40.80 | -24.47 | -1.59 | -0.23 | -10.32 | 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_10 | 90.92 | 73.18 | 78.99 | 64.89 | 104.13 | 87.13 | 115.57 | 92.80 | 92.84 | 98.97 | 168.52 | 87.46 | 85.89 | 84.16 | 82.08 | 88.04 | 106.90 | 318.96 | 180.10 | 93.93 | 86.11 | 84.44 | 87.33 | 105.87 | |
| 23701 | 5.77 | 4.20 | 4.79 | 3.97 | 6.52 | 5.70 | 10.12 | 7.71 | 6.16 | 4.88 | 2.54 | 5.79 | 7.61 | 7.48 | 6.96 | 7.73 | 9.17 | 29.08 | 12.77 | 6.68 | 7.88 | 7.33 | 6.33 | 7.19 | |
| | 0.00 | -10.02 | -3.44 | -5.15 | -5.64 | -14.80 | -1.65 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -1.56 | 0.00 | -4.63 | 0.00 | -13.56 | 0.00 | -40.80 | -24.47 | -1.59 | -0.23 | -10.32 | 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_11 | 90.92 | 73.18 | 78.99 | 64.89 | 104.13 | 87.13 | 115.57 | 92.80 | 92.84 | 98.97 | 168.52 | 87.46 | 85.89 | 84.16 | 82.08 | 88.04 | 106.90 | 318.96 | 180.10 | 93.93 | 86.11 | 84.44 | 87.33 | 105.87 | |
| 23702 | 5.77 | 4.20 | 4.79 | 3.97 | 6.52 | 5.70 | 10.12 | 7.71 | 6.16 | 4.88 | 2.54 | 5.79 | 7.61 | 7.48 | 6.96 | 7.73 | 9.17 | 29.08 | 12.77 | 6.68 | 7.88 | 7.33 | 6.33 | 7.19 | |
| | 0.00 | -10.02 | -3.44 | -5.15 | -5.64 | -14.80 | -1.65 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -1.56 | 0.00 | -4.63 | 0.00 | -13.56 | 0.00 | -40.80 | -24.47 | -1.59 | -0.23 | -10.32 | 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_12 | 90.92 | 73.18 | 78.99 | 64.89 | 104.13 | 87.13 | 115.57 | 92.80 | 92.84 | 98.97 | 168.52 | 87.46 | 85.89 | 84.16 | 82.08 | 88.04 | 106.90 | 318.96 | 180.10 | 93.93 | 86.11 | 84.44 | 87.33 | 105.87 | |
| 23703 | 5.77 | 4.20 | 4.79 | 3.97 | 6.52 | 5.70 | 10.12 | 7.71 | 6.16 | 4.88 | 2.54 | 5.79 | 7.61 | 7.48 | 6.96 | 7.73 | 9.17 | 29.08 | 12.77 | 6.68 | 7.88 | 7.33 | 6.33 | 7.19 | |
| | 0.00 | -10.02 | -3.44 | -5.15 | -5.64 | -14.80 | -1.65 | -2.62 | -21.08 | -47.54 | -139.23 | -20.44 | -1.56 | 0.00 | -4.63 | 0.00 | -13.56 | 0.00 | -40.80 | -24.47 | -1.59 | -0.23 | -10.32 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | | |

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|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|
| 23706 | 5.77 0.00 N | 4.20 -10.02 N | 4.79 -3.44 N | 3.97 -5.15 N | 6.52 -5.64 N | 5.70 -14.80 N | 10.12 -1.65 N | 7.71 -2.62 N | 6.16 -21.08 N | 4.88 -47.54 N | 2.54 -139.23 N | 5.79 -20.44 N | 7.61 -1.56 N | 7.48 0.00 N | 6.96 -4.63 N | 7.73 0.00 N | 9.17 -13.56 N | 29.08 0.00 N | 12.77 -40.80 N | 6.68 -24.47 N | 7.88 -1.59 N | 7.33 -0.23 N | 6.33 -10.32 N | 7.19 0.00 N |
| BARRETT_IC_4 23707 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT_IC_5 23708 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT_IC_6 23709 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT_IC_7 23710 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT_IC_8 23711 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT_IC_9 23700 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT___1 23545 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BARRETT___2 23546 | 90.92 5.77 0.00 N | 73.18 4.20 -10.02 N | 78.99 4.79 -3.44 N | 64.89 3.97 -5.15 N | 104.13 6.52 -5.64 N | 87.13 5.70 -14.80 N | 115.57 10.12 -1.65 N | 92.80 7.71 -2.62 N | 92.84 6.16 -21.08 N | 98.97 4.88 -47.54 N | 168.52 2.54 -139.23 N | 87.46 5.79 -20.44 N | 85.89 7.61 -1.56 N | 84.16 7.48 0.00 N | 82.08 6.96 -4.63 N | 88.04 7.73 0.00 N | 106.90 9.17 -13.56 N | 318.96 29.08 0.00 N | 180.10 12.77 -40.80 N | 93.93 6.68 -24.47 N | 86.11 7.88 -1.59 N | 84.44 7.33 -0.23 N | 87.33 6.33 -10.32 N | 105.87 7.19 0.00 N |
| BEAVER RIVER___HYD 24048 | 83.88 -1.26 0.00 N | 57.92 -1.04 0.00 N | 69.51 -1.24 0.00 N | 54.75 -1.02 0.00 N | 90.48 -1.49 0.00 N | 65.82 -0.82 0.00 N | 102.78 -1.03 0.00 N | 81.80 -0.66 0.00 N | 64.79 -0.80 0.00 N | 45.87 -0.68 0.00 N | 26.37 -0.38 0.00 N | 60.60 -0.64 0.00 N | 75.78 -0.94 0.00 N | 76.09 -0.59 0.00 N | 69.96 -0.52 0.00 N | 79.70 -0.61 0.00 N | 83.55 -0.62 0.00 N | 288.37 -1.51 0.00 N | 125.60 -0.93 0.00 N | 62.06 -0.71 0.00 N | 75.86 -0.78 0.00 N | 76.15 -0.74 0.00 N | 69.89 -0.79 0.00 N | 97.56 -1.12 0.00 N |
| BEEBEE_GT_13 23619 | 77.86 -7.29 0.00 N | 53.95 -5.02 0.00 N | 64.44 -6.31 0.00 N | 50.66 -5.10 0.00 N | 83.74 -8.23 0.00 N | 60.82 -5.82 0.00 N | 95.55 -8.53 -0.27 N | 77.31 -5.50 -0.35 N | 63.99 -4.05 -2.44 N | 49.26 -2.80 -5.51 N | 41.42 -1.46 -16.12 N | 60.05 -3.55 -2.37 N | 72.39 -4.51 -0.18 N | 72.11 -4.57 0.00 N | 66.06 -4.42 0.00 N | 75.75 -4.56 0.00 N | 81.74 -3.85 -1.42 N | 281.14 -8.74 0.00 N | 126.65 -4.61 -4.72 N | 62.48 -3.13 -2.83 N | 72.30 -4.52 -0.18 N | 71.73 -5.16 0.00 N | 65.52 -5.18 -0.01 N | 90.79 -7.88 0.00 N |
| BETHLEHEM___GRP 23843 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| BETHLEHEM___GS1 323560 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| BETHLEHEM___GS2 323561 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |

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| BETHLEHEM___GS3 323562 | 88.25 3.10 0.00 N | 61.16 2.19 0.00 N | 73.35 2.59 0.00 N | 57.93 2.16 0.00 N | 95.52 3.55 0.00 N | 69.44 2.81 0.00 N | 109.23 5.42 0.00 N | 90.48 4.68 -3.34 N | 96.21 3.88 -26.74 N | 109.66 2.81 -60.30 N | 204.91 1.56 -176.59 N | 90.68 3.52 -25.93 N | 83.02 4.31 -1.98 N | 80.72 4.04 0.00 N | 74.08 3.60 0.00 N | 84.55 4.25 0.00 N | 104.63 4.93 -15.54 N | 306.29 16.41 0.00 N | 186.09 7.81 -51.75 N | 97.60 3.78 -31.04 N | 83.06 4.41 -2.01 N | 80.94 4.05 0.00 N | 74.04 3.36 0.00 N | 102.89 4.21 0.00 N |
| BETHLEHEM___STEEL 23779 | 74.97 -10.17 0.00 N | 51.79 -7.17 0.00 N | 62.21 -8.54 0.00 N | 48.57 -7.20 0.00 N | 80.28 -11.68 0.00 N | 57.71 -8.92 0.00 N | 66.06 -14.93 22.81 N | 71.64 -10.79 0.03 N | 60.77 -8.27 -3.45 N | 48.42 -5.92 -7.78 N | 46.13 -3.41 -22.78 N | 56.39 -8.19 -3.35 N | 67.32 -9.66 -0.26 N | 67.10 -9.58 0.00 N | 61.42 -9.07 0.00 N | 70.66 -9.64 0.00 N | 76.53 -9.62 -1.98 N | 261.33 -28.55 0.00 N | 119.57 -13.56 -6.60 N | 59.08 -7.66 -3.96 N | 66.97 -9.93 -0.26 N | 66.76 -10.08 0.04 N | 58.52 -8.96 3.21 N | 87.01 -11.67 0.00 N |
| BETHPAGE_CC_5 323564 | 91.38 6.24 0.00 N | 73.53 4.55 -10.02 N | 79.46 5.27 -3.44 N | 65.23 4.32 -5.15 N | 104.50 6.89 -5.64 N | 87.35 5.91 -14.80 N | 115.58 10.12 -1.65 N | 92.68 7.60 -2.62 N | 92.83 6.16 -21.08 N | 98.87 4.78 -47.54 N | 168.72 2.73 -139.23 N | 87.89 6.22 -20.44 N | 86.41 8.12 -1.56 N | 84.63 7.95 0.00 N | 82.54 7.42 -4.63 N | 88.33 8.02 0.00 N | 107.09 9.37 -13.56 N | 319.40 29.52 0.00 N | 180.43 13.10 -40.80 N | 94.06 6.81 -24.47 N | 86.27 8.05 -1.59 N | 84.67 7.56 -0.23 N | 87.62 6.62 -10.32 N | 106.41 7.72 0.00 N |
| BINGHAMTON___COGEN 23790 | 82.55 -2.60 0.00 N | 57.03 -1.93 0.00 N | 68.52 -2.24 0.00 N | 53.90 -1.87 0.00 N | 88.94 -3.03 0.00 N | 64.77 -1.86 0.00 N | 99.74 -1.92 2.15 N | 82.45 -0.84 -0.82 N | 71.84 -0.69 -6.94 N | 61.70 -0.49 -15.64 N | 72.19 -0.38 -45.81 N | 66.89 -1.07 -6.73 N | 76.14 -1.10 -0.51 N | 75.34 -1.34 0.00 N | 69.11 -1.38 0.00 N | 79.04 -1.27 0.00 N | 87.46 -0.74 -4.03 N | 289.63 -0.25 0.00 N | 139.47 -0.49 -13.42 N | 70.06 -0.76 -8.05 N | 75.97 -1.19 -0.52 N | 75.18 -1.70 0.00 N | 68.58 -1.80 0.30 N | 96.28 -2.40 0.00 N |
| BLACK RIVER___HYD 24047 | 82.43 -2.71 0.00 N | 56.88 -2.08 0.00 N | 68.27 -2.48 0.00 N | 53.76 -2.01 0.00 N | 88.94 -3.03 0.00 N | 64.83 -1.80 0.00 N | 101.69 -2.12 0.00 N | 81.39 -1.17 -0.09 N | 65.17 -1.16 -0.74 N | 47.28 -0.94 -1.66 N | 31.08 -0.54 -4.86 N | 60.83 -1.12 -0.72 N | 75.29 -1.48 -0.06 N | 75.42 -1.26 0.00 N | 69.33 -1.15 0.00 N | 79.06 -1.25 0.00 N | 83.65 -0.95 -0.43 N | 288.01 -1.87 0.00 N | 126.88 -1.08 -1.43 N | 62.69 -0.94 -0.85 N | 75.45 -1.24 -0.06 N | 75.38 -1.50 0.00 N | 69.02 -1.66 0.00 N | 96.21 -2.47 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 87.25 2.10 0.00 N | 60.48 1.52 0.00 N | 72.58 1.82 0.00 N | 57.30 1.53 0.00 N | 94.43 2.47 0.00 N | 68.62 1.98 0.00 N | 107.15 3.63 0.30 N | 88.93 3.17 -3.30 N | 94.65 2.59 -26.47 N | 108.15 1.91 -59.69 N | 202.63 1.07 -174.80 N | 89.31 2.41 -25.66 N | 81.56 2.87 -1.96 N | 79.33 2.65 0.00 N | 72.90 2.41 0.00 N | 83.17 2.86 0.00 N | 102.92 3.37 -15.38 N | 301.05 11.18 0.00 N | 183.11 5.35 -51.22 N | 96.15 2.65 -30.73 N | 81.74 3.11 -1.99 N | 79.71 2.83 0.00 N | 72.88 2.24 0.04 N | 101.36 2.68 0.00 N |
| BOC_GAS_DRP 24189 | 87.26 2.11 0.00 N | 60.51 1.55 0.00 N | 72.60 1.85 0.00 N | 57.32 1.55 0.00 N | 94.50 2.54 0.00 N | 68.61 1.98 0.00 N | 107.61 3.80 0.00 N | 89.06 3.26 -3.34 N | 95.05 2.72 -26.74 N | 108.85 2.00 -60.30 N | 204.46 1.11 -176.59 N | 89.64 2.48 -25.93 N | 81.75 3.04 -1.98 N | 79.48 2.80 0.00 N | 72.98 2.50 0.00 N | 83.25 2.95 0.00 N | 103.09 3.39 -15.54 N | 300.82 10.94 0.00 N | 183.60 5.31 -51.75 N | 96.43 2.61 -31.04 N | 81.76 3.12 -2.01 N | 79.75 2.87 0.00 N | 73.00 2.36 0.04 N | 101.56 2.88 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 88.57 3.42 0.00 N | 61.31 2.35 0.00 N | 73.45 2.70 0.00 N | 58.12 2.36 0.00 N | 95.84 3.88 0.00 N | 69.62 2.98 0.00 N | 109.69 5.88 0.00 N | 90.74 4.94 -3.34 N | 96.59 4.22 -26.77 N | 109.92 2.99 -60.38 N | 205.26 1.68 -176.83 N | 91.01 3.85 -25.93 N | 83.32 4.61 -1.99 N | 81.01 4.33 0.00 N | 74.20 3.71 0.00 N | 84.83 4.52 0.00 N | 104.96 5.23 -15.56 N | 305.77 15.89 0.00 N | 186.49 8.13 -51.82 N | 97.78 3.92 -31.09 N | 83.07 4.41 -2.01 N | 80.97 4.08 0.00 N | 74.24 3.56 0.00 N | 103.27 4.59 0.00 N |
| BOWLINE___1 23526 | 88.73 3.58 0.00 N | 61.31 2.35 0.00 N | 73.36 2.61 0.00 N | 57.92 2.16 0.00 N | 95.37 3.40 0.00 N | 70.12 3.48 0.00 N | 110.30 6.87 0.38 N | 90.74 5.72 -2.56 N | 90.85 4.68 -20.58 N | 96.54 3.58 -46.40 N | 164.60 1.95 -135.90 N | 85.53 4.35 -19.95 N | 83.72 5.48 -1.53 N | 81.92 5.24 0.00 N | 75.05 4.56 0.00 N | 85.54 5.23 0.00 N | 102.36 6.23 -11.96 N | 312.06 22.18 0.00 N | 176.65 10.29 -39.82 N | 91.88 5.22 -23.89 N | 84.20 6.02 -1.55 N | 82.35 5.47 0.00 N | 75.01 4.38 0.05 N | 104.05 5.37 0.00 N |
| BOWLINE___2 23595 | 88.73 3.58 0.00 N | 61.32 2.36 0.00 N | 73.36 2.61 0.00 N | 57.94 2.17 0.00 N | 95.37 3.41 0.00 N | 70.12 3.49 0.00 N | 110.32 6.89 0.38 N | 90.76 5.73 -2.56 N | 90.85 4.69 -20.58 N | 96.54 3.58 -46.40 N | 164.60 1.95 -135.90 N | 85.54 4.36 -19.95 N | 83.74 5.50 -1.53 N | 81.93 5.25 0.00 N | 75.05 4.57 0.00 N | 85.54 5.24 0.00 N | 102.37 6.24 -11.96 N | 312.09 22.21 0.00 N | 176.66 10.30 -39.82 N | 91.90 5.23 -23.89 N | 84.23 6.04 -1.55 N | 82.36 5.48 0.00 N | 75.03 4.40 0.05 N | 104.06 5.38 0.00 N |
| BROOKHAVEN___DRP 24191 | 91.63 6.48 0.00 N | 73.84 4.86 -10.02 N | 79.86 5.67 -3.44 N | 65.60 4.68 -5.15 N | 105.00 7.38 -5.64 N | 87.32 5.89 -14.80 N | 115.05 9.59 -1.65 N | 91.81 6.72 -2.62 N | 92.19 5.51 -21.08 N | 98.39 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.53 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.39 7.27 -4.63 N | 88.03 7.72 0.00 N | 107.08 9.35 -13.56 N | 317.72 27.84 0.00 N | 179.14 11.81 -40.80 N | 93.50 6.25 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.42 6.42 -10.32 N | 106.00 7.32 0.00 N |
| BROOKLYN_NAVY_YARD 23515 | 89.51 4.37 0.00 N | 61.81 2.85 0.00 N | 74.04 3.29 0.00 N | 58.45 2.68 0.00 N | 96.17 4.21 0.00 N | 70.81 4.18 0.00 N | 111.55 8.12 0.38 N | 91.83 6.75 -2.62 N | 92.17 5.50 -21.08 N | 98.26 4.17 -47.54 N | 168.18 2.20 -139.23 N | 86.75 5.08 -20.44 N | 84.72 6.44 -1.56 N | 82.84 6.17 0.00 N | 75.88 5.39 0.00 N | 86.45 6.14 0.00 N | 103.74 7.32 -12.25 N | 315.66 25.78 0.00 N | 179.08 11.74 -40.80 N | 93.21 5.97 -24.47 N | 85.14 6.92 -1.59 N | 83.25 6.36 0.00 N | 75.96 5.33 0.05 N | 105.13 6.45 0.00 N |
| BURROWS___LYONSDAL 23803 | 85.19 0.05 0.00 N | 58.91 -0.05 0.00 N | 70.67 -0.08 0.00 N | 55.67 -0.09 0.00 N | 91.95 -0.02 0.00 N | 66.84 0.21 0.00 N | 104.65 0.84 0.00 N | 83.45 0.99 0.00 N | 66.26 0.67 0.00 N | 46.98 0.42 0.00 N | 26.98 0.22 0.00 N | 61.79 0.56 0.00 N | 77.39 0.67 0.00 N | 77.44 0.75 0.00 N | 71.17 0.69 0.00 N | 81.14 0.84 0.00 N | 85.28 1.12 0.00 N | 294.65 4.77 0.00 N | 128.47 1.93 0.00 N | 63.52 0.74 0.00 N | 77.45 0.82 0.00 N | 77.51 0.62 0.00 N | 71.06 0.38 0.00 N | 99.03 0.35 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 91.40 6.25 0.00 N | 73.53 4.55 -10.02 N | 79.45 5.25 -3.44 N | 65.22 4.30 -5.15 N | 104.50 6.89 -5.64 N | 87.37 5.94 -14.80 N | 115.73 10.27 -1.65 N | 92.89 7.80 -2.62 N | 93.02 6.35 -21.08 N | 99.00 4.91 -47.54 N | 168.78 2.79 -139.23 N | 88.03 6.36 -20.44 N | 86.56 8.27 -1.56 N | 84.77 8.09 0.00 N | 82.66 7.54 -4.63 N | 88.52 8.21 0.00 N | 107.31 9.58 -13.56 N | 320.55 30.68 0.00 N | 180.89 13.56 -40.80 N | 94.27 7.03 -24.47 N | 86.51 8.28 -1.59 N | 84.90 7.80 -0.23 N | 87.74 6.74 -10.32 N | 106.48 7.80 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 |
|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|---|
| CALPINE_BP_GT1 23823 | 91.40 6.25 0.00 N | 73.53 4.55 -10.02 N | 79.45 5.25 -3.44 N | 65.22 4.30 -5.15 N | 104.50 6.89 -5.64 N | 87.37 5.94 -14.80 N | 115.73 10.27 -1.65 N | 92.89 7.80 -2.62 N | 93.02 6.35 -21.08 N | 99.00 4.91 -47.54 N | 168.78 2.79 -139.23 N | 88.03 6.36 -20.44 N | 86.56 8.27 -1.56 N | 84.77 8.09 0.00 N | 82.66 7.54 -4.63 N | 88.52 8.21 0.00 N | 107.31 9.58 -13.56 N | 320.55 30.68 0.00 N | 180.89 13.56 -40.80 N | 94.27 7.03 -24.47 N | 86.51 8.28 -1.59 N | 84.90 7.80 -0.23 N | 87.74 6.74 -10.32 N | 106.48 7.80 0.00 N | |
| CALSPAN___DRP 24200 | 74.97 -10.17 0.00 N | 51.79 -7.17 0.00 N | 62.21 -8.54 0.00 N | 48.57 -7.20 0.00 N | 80.28 -11.68 0.00 N | 57.71 -8.92 0.00 N | 66.06 -14.93 0.00 N | 71.64 -10.79 0.03 N | 60.77 -8.27 -5.92 N | 48.42 -3.41 -7.78 N | 46.13 -8.19 -22.78 N | 56.39 -8.19 -3.35 N | 67.32 -9.66 -0.26 N | 67.10 -9.58 0.00 N | 61.42 -9.07 0.00 N | 70.66 -9.64 0.00 N | 76.53 -9.62 0.00 N | 261.33 -28.55 0.00 N | 119.57 -13.56 -6.60 N | 59.08 -7.66 -3.96 N | 66.97 -9.93 -0.26 N | 66.76 -10.08 0.04 N | 58.52 -8.96 3.21 N | 87.01 -11.67 0.00 N | |
| CARR STREET_E__SYR 24060 | 82.65 -2.50 0.00 N | 57.21 -1.75 0.00 N | 68.64 -2.11 0.00 N | 54.04 -1.73 0.00 N | 89.18 -2.78 0.00 N | 64.75 -1.88 0.00 N | 101.29 -2.52 0.00 N | 81.10 -1.57 -0.21 N | 66.03 -1.26 -1.71 N | 49.50 -0.89 -3.85 N | 37.51 -0.51 -11.26 N | 61.63 -1.26 -1.65 N | 75.34 -1.51 -0.13 N | 75.12 -1.56 0.00 N | 68.98 -1.50 0.00 N | 78.72 -1.58 0.00 N | 83.89 -1.27 -0.99 N | 286.92 -2.96 0.00 N | 128.31 -1.52 -3.30 N | 63.71 -1.04 -1.98 N | 75.26 -1.51 -0.13 N | 75.15 -1.73 0.00 N | 68.94 -1.74 0.00 N | 96.09 -2.59 0.00 N | |
| CARTHAGE___PAPER 23857 | 83.04 -2.10 0.00 N | 57.33 -1.64 0.00 N | 68.79 -1.96 0.00 N | 54.17 -1.59 0.00 N | 89.60 -2.37 0.00 N | 65.24 -1.39 0.00 N | 102.15 -1.66 0.00 N | 81.59 -0.94 -0.08 N | 65.20 -1.01 -0.62 N | 47.12 -0.83 -1.40 N | 30.39 -0.46 -4.10 N | 60.92 -0.92 -0.60 N | 75.51 -1.26 -0.05 N | 75.72 -0.97 0.00 N | 69.60 -0.89 0.00 N | 79.34 -0.97 0.00 N | 83.75 -0.78 -0.36 N | 288.14 -1.74 0.00 N | 126.71 -1.03 -1.20 N | 62.65 -0.84 -0.72 N | 75.64 -1.04 -0.05 N | 75.70 -1.19 0.00 N | 69.40 -1.28 0.00 N | 96.76 -1.92 0.00 N | |
| CE_DUNWOOD___DRP 24194 | 89.28 4.14 0.00 N | 61.70 2.74 0.00 N | 73.89 3.14 0.00 N | 58.34 2.57 0.00 N | 96.03 4.06 0.00 N | 70.55 3.92 0.00 N | 111.00 7.57 0.38 N | 91.37 6.29 -2.62 N | 91.76 5.13 -21.04 N | 97.90 3.90 -138.97 N | 167.85 2.13 -20.40 N | 86.42 4.79 -1.56 N | 84.32 6.04 5.80 N | 82.48 5.08 0.00 N | 75.56 5.08 0.00 N | 86.12 5.81 0.00 N | 103.27 6.88 -12.23 N | 314.03 24.16 0.00 N | 178.36 11.10 -40.72 N | 92.82 5.62 -24.43 N | 84.76 6.54 -1.58 N | 82.87 5.99 0.00 N | 75.56 4.93 0.05 N | 104.73 6.05 0.00 N | |
| CE_MILLWOOD___DRP 24193 | 89.09 3.95 0.00 N | 61.58 2.62 0.00 N | 73.72 2.97 0.00 N | 58.22 2.45 0.00 N | 95.83 3.87 0.00 N | 70.39 3.76 0.00 N | 110.75 7.32 0.38 N | 91.15 6.08 -2.61 N | 91.53 4.97 -20.96 N | 97.60 3.77 -47.28 N | 167.26 2.05 -138.46 N | 86.18 4.62 -20.33 N | 84.10 5.82 -1.56 N | 82.27 5.59 0.00 N | 75.38 4.89 0.00 N | 85.90 5.60 0.00 N | 102.97 6.62 -12.18 N | 313.27 23.39 0.00 N | 177.90 10.79 -40.57 N | 92.57 5.45 -24.34 N | 84.54 6.33 -1.58 N | 82.69 5.80 0.00 N | 75.36 4.73 0.05 N | 104.49 5.81 0.00 N | |
| CE_NYC2_DRP 24202 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.83 4.19 0.00 N | 111.50 8.07 0.38 N | 91.84 6.75 -2.62 N | 92.09 5.42 -21.08 N | 98.20 4.10 -139.23 N | 168.19 2.21 -20.44 N | 86.63 4.96 -1.56 N | 84.57 6.28 6.02 N | 82.70 5.30 0.00 N | 75.79 6.00 0.00 N | 86.31 6.00 0.00 N | 103.52 7.10 -12.25 N | 313.88 24.00 0.00 N | 178.29 10.96 -40.80 N | 93.06 5.81 -24.47 N | 85.03 6.81 -1.59 N | 83.26 6.38 0.00 N | 75.97 5.34 0.05 N | 105.13 6.45 0.00 N | |
| CE_NYC_DRP 24195 | 89.63 4.49 0.00 N | 61.88 2.92 0.00 N | 74.13 3.38 0.00 N | 58.53 2.76 0.00 N | 96.33 4.37 0.00 N | 70.90 4.26 0.00 N | 111.66 8.23 0.38 N | 91.97 6.88 -2.62 N | 92.27 5.60 -21.08 N | 98.34 4.25 -139.23 N | 168.28 2.30 -20.44 N | 86.89 5.22 -1.56 N | 84.88 6.59 6.36 N | 83.04 5.58 0.00 N | 76.06 5.58 0.00 N | 86.67 6.36 0.00 N | 103.96 7.54 -12.25 N | 316.41 26.53 0.00 N | 179.39 12.06 -40.80 N | 93.36 6.11 -24.47 N | 85.31 7.09 -1.59 N | 83.40 6.52 0.00 N | 76.05 5.42 0.05 N | 105.32 6.64 0.00 N | |
| CH_MIDHUDSON___DRP 24192 | 89.41 4.26 0.00 N | 61.85 2.88 0.00 N | 74.10 3.35 0.00 N | 58.50 2.74 0.00 N | 96.36 4.39 0.00 N | 70.61 3.98 0.00 N | 111.06 7.60 0.35 N | 91.58 6.34 -2.78 N | 93.10 5.18 -22.32 N | 100.77 3.88 -50.34 N | 176.30 2.13 -147.42 N | 87.68 4.80 -21.64 N | 84.42 6.04 -1.66 N | 82.45 5.77 0.00 N | 75.57 5.09 0.00 N | 86.16 5.85 0.00 N | 103.99 6.85 -12.97 N | 313.81 23.93 0.00 N | 180.76 11.02 -43.20 N | 94.23 5.54 -25.91 N | 84.80 6.49 -1.68 N | 82.87 5.99 0.00 N | 75.58 4.95 0.05 N | 104.78 6.10 0.00 N | |
| CH_MISC_IPPS 23765 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N | |
| CH_RES_BVR_FALLS 23983 | 85.22 0.08 0.00 N | 58.90 -0.06 0.00 N | 70.62 -0.13 0.00 N | 55.66 -0.11 0.00 N | 91.78 -0.18 0.00 N | 66.43 -0.21 0.00 N | 103.07 -0.74 0.00 N | 81.63 -0.70 0.14 N | 63.82 -0.68 1.09 N | 43.59 -0.52 2.45 N | 19.34 -0.27 7.14 N | 59.71 -0.51 1.02 N | 75.98 -0.67 0.08 N | 76.37 -0.31 0.00 N | 70.21 -0.28 0.00 N | 79.90 -0.40 0.00 N | 82.65 -0.88 0.63 N | 286.86 -3.02 0.00 N | 122.98 -1.46 2.10 N | 60.87 -0.65 1.26 N | 75.94 -0.61 0.08 N | 76.37 -0.51 0.00 N | 70.30 -0.38 0.00 N | 98.37 -0.31 0.00 N | |
| CH_RES_NIAGARA 23895 | 74.80 -10.35 0.00 N | 51.84 -7.12 0.00 N | 62.22 -8.53 0.00 N | 48.55 -7.22 0.00 N | 80.20 -11.77 0.00 N | 57.23 -9.41 0.00 N | 62.67 -16.70 0.00 N | 70.04 -12.33 0.10 N | 59.30 -9.39 -3.10 N | 46.83 -6.72 -6.99 N | 43.44 -3.79 -20.47 N | 55.16 -9.07 -3.01 N | 66.10 -10.86 -0.23 N | 66.08 -10.60 0.00 N | 60.59 -9.89 0.00 N | 69.75 -10.55 0.00 N | 75.15 -10.79 -1.78 N | 257.01 -32.87 0.00 N | 117.05 -15.41 -5.92 N | 57.80 -8.53 -3.55 N | 65.87 -11.00 -0.23 N | 66.04 -10.80 0.05 N | 57.86 -9.38 3.44 N | 86.48 -12.20 0.00 N | |
| CH_RES_SYRACUSE 23985 | 83.33 -1.82 0.00 N | 57.64 -1.32 0.00 N | 69.16 -1.60 0.00 N | 54.44 -1.33 0.00 N | 89.90 -2.07 0.00 N | 65.34 -1.30 0.00 N | 102.61 -1.49 -0.30 N | 81.97 -0.75 -0.25 N | 66.97 -0.60 -1.98 N | 50.60 -0.42 -4.46 N | 39.56 -0.25 -13.05 N | 62.51 -0.64 -1.92 N | 76.10 -0.77 -0.15 N | 75.87 -0.81 0.00 N | 69.67 -0.82 0.00 N | 79.49 -0.81 0.00 N | 84.93 -0.38 -1.15 N | 289.97 0.09 0.00 N | 130.17 -0.19 -3.82 N | 64.69 -0.37 -2.30 N | 76.08 -0.71 -0.15 N | 75.94 -0.94 0.00 N | 69.62 -1.11 -0.04 N | 96.93 -1.75 0.00 N | |
| CORNELL_____ | 79.14 | 54.61 | 65.53 | 51.52 | 85.19 | 62.28 | 97.31 | 79.28 | 66.61 | 53.17 | 50.89 | 62.05 | 73.47 | 73.03 | 66.96 | 76.59 | 83.41 | 282.70 | 130.39 | 64.79 | 73.49 | 72.80 | 66.30 | 92.37 | |

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| 23752 | -6.00 0.00 N | -4.35 0.00 N | -5.22 0.00 N | -4.25 0.00 N | -6.78 0.00 N | -4.36 0.00 N | -5.68 0.00 N | -3.65 -0.46 N | -2.83 -2.03 N | -2.03 -8.65 N | -1.20 -25.34 N | -2.90 -3.72 N | -3.54 -0.28 N | -3.65 0.00 N | -3.52 0.00 N | -3.71 0.00 N | -2.99 -2.23 N | -7.18 0.00 N | -3.57 -7.42 N | -2.44 -4.45 N | -3.43 -0.29 N | -4.08 0.00 N | -4.27 0.12 N | -6.31 0.00 N |
| COXSACKIE___GT 23611 | 90.19 5.05 0.00 N | 62.40 3.44 0.00 N | 74.83 4.07 0.00 N | 59.06 3.30 0.00 N | 97.40 5.43 0.00 N | 71.11 4.48 0.00 N | 111.91 8.42 0.00 N | 92.61 7.21 -2.94 N | 95.15 5.96 -23.60 N | 104.13 4.36 -53.22 N | 185.03 2.41 -155.86 N | 89.57 5.45 -22.88 N | 85.26 6.79 -1.75 N | 83.19 6.51 0.00 N | 76.31 5.82 0.00 N | 87.10 6.79 0.00 N | 105.73 7.84 -13.72 N | 317.46 27.59 0.00 N | 184.86 12.65 -45.62 N | 96.33 6.16 -27.40 N | 85.64 7.23 -1.77 N | 83.55 6.66 0.00 N | 76.16 5.53 0.05 N | 105.57 6.89 0.00 N |
| CRESCENT___HYD 24018 | 88.05 2.90 0.00 N | 60.99 2.03 0.00 N | 73.10 2.35 0.00 N | 57.79 2.02 0.00 N | 95.34 3.37 0.00 N | 69.33 2.70 0.00 N | 109.31 5.50 0.00 N | 90.58 4.75 -3.36 N | 96.53 4.01 -26.93 N | 110.17 2.89 -60.73 N | 206.22 1.62 -177.85 N | 90.94 3.63 -26.08 N | 83.10 4.38 -2.00 N | 80.79 4.11 0.00 N | 74.08 3.59 0.00 N | 84.63 4.32 0.00 N | 104.91 5.09 -15.65 N | 306.52 16.65 0.00 N | 186.77 8.12 -52.12 N | 97.91 3.86 -31.27 N | 83.06 4.40 -2.02 N | 80.87 3.98 0.00 N | 73.99 3.30 0.00 N | 102.79 4.11 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 83.33 -1.82 0.00 N | 57.64 -1.32 0.00 N | 69.16 -1.60 0.00 N | 54.44 -1.33 0.00 N | 89.90 -2.07 0.00 N | 65.34 -1.30 0.00 N | 102.61 -1.49 -0.30 N | 81.97 -0.75 -0.25 N | 66.97 -0.60 -1.98 N | 50.60 -0.42 -4.46 N | 39.56 -0.25 -13.05 N | 62.51 -0.64 -1.92 N | 76.10 -0.77 -0.15 N | 75.87 -0.81 0.00 N | 69.67 -0.82 0.00 N | 79.49 -0.81 0.00 N | 84.93 -0.38 -1.15 N | 289.97 0.09 0.00 N | 130.17 -0.19 -3.82 N | 64.69 -0.37 -2.30 N | 76.08 -0.71 -0.15 N | 75.94 -0.94 0.00 N | 69.62 -1.11 -0.04 N | 96.93 -1.75 0.00 N |
| DANSKAMMER___1 23586 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N |
| DANSKAMMER___2 23589 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N |
| DANSKAMMER___3 23590 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N |
| DANSKAMMER___4 23591 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N |
| DANSKAMMER___DIESEL 23592 | 89.07 3.92 0.00 N | 61.62 2.66 0.00 N | 73.83 3.08 0.00 N | 58.32 2.56 0.00 N | 96.07 4.10 0.00 N | 70.51 3.87 0.00 N | 110.95 7.49 0.35 N | 91.39 6.24 -2.68 N | 92.26 5.12 -21.54 N | 98.98 3.84 -48.59 N | 171.16 2.10 -142.30 N | 86.85 4.73 -20.89 N | 84.28 5.96 -1.60 N | 82.39 5.71 0.00 N | 75.52 5.04 0.00 N | 86.10 5.79 0.00 N | 103.54 6.85 -12.52 N | 314.06 24.19 0.00 N | 179.36 11.12 -41.70 N | 93.36 5.58 -25.01 N | 84.76 6.50 -1.62 N | 82.86 5.98 0.00 N | 75.52 4.89 0.05 N | 104.66 5.98 0.00 N |
| DASHVILLE___HYD 23610 | 89.55 4.40 0.00 N | 61.91 2.95 0.00 N | 74.17 3.42 0.00 N | 58.57 2.81 0.00 N | 96.46 4.50 0.00 N | 70.79 4.16 0.00 N | 111.43 7.97 0.35 N | 91.80 6.64 -2.70 N | 92.74 5.45 -21.70 N | 99.59 4.10 -48.94 N | 172.31 2.23 -143.32 N | 87.29 5.02 -21.04 N | 84.65 6.31 -1.61 N | 82.72 6.04 0.00 N | 75.82 5.33 0.00 N | 86.46 6.15 0.00 N | 104.01 7.23 -12.61 N | 315.37 25.49 0.00 N | 180.23 11.70 -42.00 N | 93.84 5.87 -25.19 N | 85.17 6.90 -1.63 N | 83.23 6.35 0.00 N | 75.81 5.17 0.05 N | 105.06 6.38 0.00 N |
| DOGLEVILLE___HYD 23807 | 89.53 4.38 0.00 N | 61.99 3.03 0.00 N | 74.39 3.64 0.00 N | 58.68 2.91 0.00 N | 96.90 4.93 0.00 N | 70.56 3.93 0.00 N | 111.36 7.55 0.00 N | 88.84 6.44 0.06 N | 70.51 5.43 0.50 N | 49.22 3.81 1.14 N | 25.55 2.12 3.33 N | 65.50 4.76 0.49 N | 82.62 5.93 0.04 N | 82.28 5.60 0.00 N | 75.50 5.01 0.00 N | 86.29 5.98 0.00 N | 90.84 6.97 0.29 N | 314.68 24.80 0.00 N | 136.77 11.21 0.98 N | 67.55 5.36 0.59 N | 83.02 6.42 0.04 N | 82.70 5.82 0.00 N | 75.50 4.82 0.00 N | 104.50 5.82 0.00 N |
| DUNKIRK___1 23563 | 72.06 -13.08 0.00 N | 49.49 -9.47 0.00 N | 59.60 -11.15 0.00 N | 46.54 -9.22 0.00 N | 76.98 -14.99 0.00 N | 55.92 -10.71 0.00 N | 66.96 -16.37 20.48 N | 70.63 -11.89 -0.06 N | 60.00 -9.35 -3.76 N | 48.32 -6.71 -8.48 N | 47.62 -3.96 -24.83 N | 55.32 -9.56 -3.65 N | 65.67 -11.33 -0.28 N | 65.20 -11.48 0.00 N | 59.56 -10.93 0.00 N | 68.63 -11.68 0.00 N | 74.79 -11.56 -2.19 N | 255.19 -34.69 0.00 N | 117.53 -16.28 -7.27 N | 58.07 -9.07 -4.36 N | 65.26 -11.66 -0.28 N | 64.55 -12.29 0.04 N | 56.56 -11.24 2.88 N | 83.97 -14.71 0.00 N |
| DUNKIRK___2 23564 | 72.06 -13.08 0.00 N | 49.49 -9.47 0.00 N | 59.60 -11.15 0.00 N | 46.54 -9.22 0.00 N | 76.98 -14.99 0.00 N | 55.92 -10.71 0.00 N | 66.96 -16.37 20.48 N | 70.63 -11.89 -0.06 N | 60.00 -9.35 -3.76 N | 48.32 -6.71 -8.48 N | 47.62 -3.96 -24.83 N | 55.32 -9.56 -3.65 N | 65.67 -11.33 -0.28 N | 65.20 -11.48 0.00 N | 59.56 -10.93 0.00 N | 68.63 -11.68 0.00 N | 74.79 -11.56 -2.19 N | 255.19 -34.69 0.00 N | 117.53 -16.28 -7.27 N | 58.07 -9.07 -4.36 N | 65.26 -11.66 -0.28 N | 64.55 -12.29 0.04 N | 56.56 -11.24 2.88 N | 83.97 -14.71 0.00 N |
| DUNKIRK___3 23565 | 72.88 -12.26 0.00 N | 50.09 -8.87 0.00 N | 60.29 -10.46 0.00 N | 47.10 -8.66 0.00 N | 77.90 -14.07 0.00 N | 56.50 -10.14 0.00 N | 67.70 -15.60 20.52 N | 71.28 -11.23 -0.06 N | 60.54 -8.82 -3.76 N | 48.71 -6.32 -8.48 N | 47.84 -3.74 -24.83 N | 55.86 -9.02 -3.65 N | 66.33 -10.68 -0.28 N | 65.89 -10.79 0.00 N | 60.22 -10.27 0.00 N | 69.37 -10.93 0.00 N | 75.55 -10.80 -2.19 N | 257.83 -32.05 0.00 N | 118.68 -15.14 -7.27 N | 58.63 -8.51 -4.36 N | 65.93 -10.99 -0.28 N | 65.28 -11.57 0.04 N | 57.25 -10.55 2.89 N | 84.92 -13.77 0.00 N |

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|--------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| DUNKIRK___4 23566 | 72.88 -12.26 0.00 N | 50.09 -8.87 0.00 N | 60.29 -10.46 0.00 N | 47.10 -8.66 0.00 N | 77.90 -14.07 0.00 N | 56.50 -10.14 0.00 N | 67.70 -15.60 20.52 N | 71.28 -11.23 -0.06 N | 60.54 -8.82 -3.76 N | 48.71 -6.32 -8.48 N | 47.84 -3.74 -24.83 N | 55.86 -9.02 -3.65 N | 66.33 -10.68 -0.28 N | 65.89 -10.79 0.00 N | 60.22 -10.27 0.00 N | 69.37 -10.93 0.00 N | 75.55 -10.80 -2.19 N | 257.83 -32.05 0.00 N | 118.68 -15.14 -7.27 N | 58.63 -8.51 -4.36 N | 65.93 -10.99 -0.28 N | 65.28 -11.57 0.04 N | 57.25 -10.55 2.89 N | 84.92 -13.77 0.00 N |
| EAST HAMPTON___GT 23717 | 94.11 8.97 0.00 N | 75.47 6.49 -10.02 N | 81.79 7.59 -3.44 N | 67.10 6.18 -5.15 N | 107.57 9.96 -5.64 N | 89.28 7.85 -14.80 N | 118.41 12.95 -1.65 N | 94.68 9.59 -2.62 N | 94.57 7.90 -21.08 N | 100.11 6.02 -47.54 N | 169.51 3.53 -139.23 N | 89.74 8.07 -20.44 N | 88.84 10.55 -1.56 N | 87.07 9.76 0.00 N | 84.88 9.76 -4.63 N | 90.93 10.62 0.00 N | 110.39 12.66 -13.56 N | 330.68 40.80 0.00 N | 184.75 17.42 -40.80 N | 96.12 8.87 -24.47 N | 88.75 10.53 -1.59 N | 87.10 9.99 -0.23 N | 89.82 8.82 -10.32 N | 109.14 10.45 0.00 N |
| EAST RIVER___6 23660 | 89.59 4.44 0.00 N | 61.86 2.90 0.00 N | 74.11 3.36 0.00 N | 58.51 2.74 0.00 N | 96.29 4.32 0.00 N | 70.87 4.23 0.00 N | 111.59 8.16 0.38 N | 91.91 6.82 -2.62 N | 92.24 5.56 -21.08 N | 98.31 4.22 -47.54 N | 168.28 2.29 -139.23 N | 86.83 5.16 -20.44 N | 84.82 6.54 -1.56 N | 82.98 6.31 0.00 N | 76.02 5.54 0.00 N | 86.61 6.30 0.00 N | 103.93 7.51 -12.25 N | 316.24 26.36 0.00 N | 179.36 12.03 -40.80 N | 93.33 6.09 -24.47 N | 85.28 7.06 -1.59 N | 83.36 6.48 0.00 N | 76.02 5.39 0.05 N | 105.29 6.61 0.00 N |
| EAST RIVER___7 23524 | 89.59 4.44 0.00 N | 61.86 2.90 0.00 N | 74.11 3.36 0.00 N | 58.51 2.74 0.00 N | 96.29 4.32 0.00 N | 70.87 4.23 0.00 N | 111.59 8.16 0.38 N | 91.91 6.82 -2.62 N | 92.24 5.56 -21.08 N | 98.31 4.22 -47.54 N | 168.28 2.29 -139.23 N | 86.83 5.16 -20.44 N | 84.82 6.54 -1.56 N | 82.98 6.31 0.00 N | 76.02 5.54 0.00 N | 86.61 6.30 0.00 N | 103.93 7.51 -12.25 N | 316.24 26.36 0.00 N | 179.36 12.03 -40.80 N | 93.33 6.09 -24.47 N | 85.28 7.06 -1.59 N | 83.36 6.48 0.00 N | 76.02 5.39 0.05 N | 105.29 6.61 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 94.11 8.97 0.00 N | 75.47 6.49 -10.02 N | 81.79 7.59 -3.44 N | 67.10 6.18 -5.15 N | 107.57 9.96 -5.64 N | 89.28 7.85 -14.80 N | 118.41 12.95 -1.65 N | 94.68 9.59 -2.62 N | 94.57 7.90 -21.08 N | 100.11 6.02 -47.54 N | 169.51 3.53 -139.23 N | 89.74 8.07 -20.44 N | 88.84 10.55 -1.56 N | 87.07 9.76 0.00 N | 84.88 9.76 -4.63 N | 90.93 10.62 0.00 N | 110.39 12.66 -13.56 N | 330.68 40.80 0.00 N | 184.75 17.42 -40.80 N | 96.12 8.87 -24.47 N | 88.75 10.53 -1.59 N | 87.10 9.99 -0.23 N | 89.82 8.82 -10.32 N | 109.14 10.45 0.00 N |
| EAST_RIVER___1 323558 | 89.63 4.49 0.00 N | 61.88 2.92 0.00 N | 74.13 3.38 0.00 N | 58.53 2.76 0.00 N | 96.33 4.37 0.00 N | 70.90 4.26 0.00 N | 111.66 8.23 0.38 N | 91.97 6.88 -2.62 N | 92.27 5.60 -21.08 N | 98.34 4.25 -47.54 N | 168.28 2.30 -139.23 N | 86.89 5.22 -20.44 N | 84.88 6.59 -1.56 N | 83.04 6.36 0.00 N | 76.06 5.58 0.00 N | 86.67 6.36 0.00 N | 103.96 7.54 -12.25 N | 316.41 26.53 0.00 N | 179.39 12.06 -40.80 N | 93.36 6.11 -24.47 N | 85.31 7.09 -1.59 N | 83.40 6.52 0.00 N | 76.05 5.42 0.05 N | 105.32 6.64 0.00 N |
| EAST_RIVER___2 323559 | 89.59 4.44 0.00 N | 61.86 2.90 0.00 N | 74.11 3.36 0.00 N | 58.51 2.74 0.00 N | 96.29 4.32 0.00 N | 70.87 4.23 0.00 N | 111.59 8.16 0.38 N | 91.91 6.82 -2.62 N | 92.24 5.56 -21.08 N | 98.31 4.22 -47.54 N | 168.28 2.29 -139.23 N | 86.83 5.16 -20.44 N | 84.82 6.54 -1.56 N | 82.98 6.31 0.00 N | 76.02 5.54 0.00 N | 86.61 6.30 0.00 N | 103.93 7.51 -12.25 N | 316.24 26.36 0.00 N | 179.36 12.03 -40.80 N | 93.33 6.09 -24.47 N | 85.28 7.06 -1.59 N | 83.36 6.48 0.00 N | 76.02 5.39 0.05 N | 105.29 6.61 0.00 N |
| ELEC_TRO_TEK 24086 | 90.43 5.29 0.00 N | 72.79 3.80 -10.02 N | 78.55 4.36 -3.44 N | 64.54 3.61 -5.15 N | 103.69 6.08 -5.64 N | 86.78 5.35 -14.80 N | 114.86 9.40 -1.65 N | 92.16 7.07 -2.62 N | 92.40 5.73 -21.08 N | 98.54 4.45 -47.54 N | 168.47 2.49 -139.23 N | 87.27 5.60 -20.44 N | 85.49 7.20 -1.56 N | 83.70 7.02 0.00 N | 81.80 6.68 -4.63 N | 87.73 7.42 0.00 N | 106.50 8.77 -13.56 N | 317.49 27.62 0.00 N | 179.72 12.38 -40.80 N | 93.65 6.40 -24.47 N | 85.71 7.49 -1.59 N | 84.06 6.95 -0.23 N | 86.93 5.92 -10.32 N | 105.42 6.74 0.00 N |
| E_CANADA_CAP_HY 24051 | 85.46 0.31 0.00 N | 59.00 0.04 0.00 N | 70.76 0.01 0.00 N | 55.77 0.00 0.00 N | 92.01 0.05 0.00 N | 66.91 0.28 0.00 N | 104.24 0.87 0.44 N | 87.95 1.24 -4.25 N | 100.48 0.79 -34.10 N | 124.07 0.61 -76.90 N | 252.32 0.32 -225.24 N | 95.05 0.71 -33.10 N | 80.18 0.93 -2.53 N | 77.75 1.07 0.00 N | 71.48 1.00 0.00 N | 81.37 1.07 0.00 N | 105.24 1.25 -19.82 N | 296.00 6.13 0.00 N | 195.01 2.48 -65.99 N | 103.31 0.95 -39.59 N | 80.05 0.85 -2.56 N | 77.55 0.67 0.00 N | 70.95 0.33 0.06 N | 99.38 0.70 0.00 N |
| E_CANADA_MHWK_HY 24050 | 89.53 4.38 0.00 N | 61.99 3.03 0.00 N | 74.39 3.64 0.00 N | 58.68 2.91 0.00 N | 96.90 4.93 0.00 N | 70.56 3.93 0.00 N | 111.36 7.55 0.00 N | 88.84 6.44 0.06 N | 70.51 5.43 0.50 N | 49.22 3.81 1.14 N | 25.55 2.12 3.33 N | 65.50 4.76 0.49 N | 82.62 5.93 0.04 N | 82.28 5.60 0.00 N | 75.50 5.01 0.00 N | 86.29 5.98 0.00 N | 90.84 6.97 0.29 N | 314.68 24.80 0.00 N | 136.77 11.21 0.98 N | 67.55 5.36 0.59 N | 83.02 6.42 0.04 N | 82.70 5.82 0.00 N | 75.50 4.82 0.00 N | 104.50 5.82 0.00 N |
| E_FISHKILL___LBMP 23776 | 89.09 3.95 0.00 N | 61.62 2.65 0.00 N | 73.82 3.06 0.00 N | 58.28 2.52 0.00 N | 95.98 4.01 0.00 N | 70.34 3.71 0.00 N | 110.58 7.12 0.35 N | 91.06 5.93 -2.67 N | 91.88 4.86 -21.43 N | 98.53 3.65 -48.33 N | 170.26 1.99 -141.51 N | 86.48 4.50 -20.74 N | 83.97 5.66 -1.59 N | 82.10 5.42 0.00 N | 75.25 4.76 0.00 N | 85.77 5.46 0.00 N | 103.05 6.43 -12.45 N | 312.19 22.32 0.00 N | 178.32 10.31 -41.47 N | 92.85 5.20 -24.88 N | 84.31 6.06 -1.61 N | 82.47 5.58 0.00 N | 75.25 4.62 0.05 N | 104.38 5.70 0.00 N |
| FAR ROCKAWAY___4 23548 | 91.91 6.76 0.00 N | 73.75 4.77 -10.02 N | 79.64 5.45 -3.44 N | 65.37 4.45 -5.15 N | 104.97 7.35 -5.64 N | 87.79 6.35 -14.80 N | 116.85 11.39 -1.65 N | 93.93 8.84 -2.62 N | 93.78 7.11 -21.08 N | 99.59 5.50 -47.54 N | 168.96 2.98 -139.23 N | 88.44 6.77 -20.44 N | 87.03 8.74 -1.56 N | 85.28 8.60 0.00 N | 83.15 8.03 -4.63 N | 89.26 8.96 0.00 N | 108.31 10.59 -13.56 N | 324.59 34.72 0.00 N | 182.78 15.44 -40.80 N | 95.16 7.92 -24.47 N | 87.59 9.37 -1.59 N | 85.79 8.68 -0.23 N | 88.37 7.36 -10.32 N | 107.20 8.52 0.00 N |
| FARRAGUT___LBMP 323566 | 89.55 4.41 0.00 N | 61.84 2.88 0.00 N | 74.08 3.32 0.00 N | 58.48 2.72 0.00 N | 96.25 4.28 0.00 N | 70.83 4.20 0.00 N | 111.55 8.12 0.38 N | 91.84 6.75 -2.62 N | 92.18 5.51 -21.08 N | 98.27 4.18 -47.54 N | 168.23 2.25 -139.23 N | 86.77 5.10 -20.44 N | 84.72 6.44 -1.56 N | 82.88 6.20 0.00 N | 75.92 5.44 0.00 N | 86.51 6.20 0.00 N | 103.79 7.37 -12.25 N | 315.82 25.94 0.00 N | 179.14 11.81 -40.80 N | 93.24 5.99 -24.47 N | 85.17 6.95 -1.59 N | 83.28 6.40 0.00 N | 75.96 5.33 0.05 N | 105.20 6.52 0.00 N |
| FENNER___WINDPWR 24204 | 85.15 0.00 0.00 N | 58.89 -0.07 -0.11 N | 70.64 -0.11 0.00 N | 55.63 -0.13 0.00 N | 91.89 -0.08 0.00 N | 66.83 0.20 0.00 N | 104.86 1.05 0.00 N | 83.79 1.26 -0.08 N | 67.08 0.87 -0.62 N | 48.53 0.58 -1.40 N | 31.14 0.29 -4.10 N | 62.49 0.65 -0.60 N | 77.62 0.85 -0.05 N | 77.52 0.84 0.00 N | 71.19 0.70 0.00 N | 81.23 0.92 0.00 N | 85.96 1.43 -0.36 N | 296.18 6.30 0.00 N | 130.31 2.57 -1.20 N | 64.48 0.99 -0.72 N | 77.68 1.00 -0.05 N | 77.56 0.67 0.00 N | 71.00 0.31 0.00 N | 98.88 0.20 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| FIBERTEK____ENERGY 23856 | 83.33 -1.82 0.00 N | 57.64 -1.32 0.00 N | 69.16 -1.60 0.00 N | 54.44 -1.33 0.00 N | 89.90 -2.07 0.00 N | 65.34 -1.30 0.00 N | 102.61 -1.49 -0.30 N | 81.97 -0.75 -0.25 N | 66.97 -0.60 -1.98 N | 50.60 -0.42 -4.46 N | 39.56 -0.25 -13.05 N | 62.51 -0.64 -1.92 N | 76.10 -0.77 -0.15 N | 75.87 -0.81 0.00 N | 69.67 -0.82 0.00 N | 79.49 -0.81 0.00 N | 84.93 -0.38 -1.15 N | 289.97 0.09 0.00 N | 130.17 -0.19 -3.82 N | 64.69 -0.37 -2.30 N | 76.08 -0.71 -0.15 N | 75.94 -0.94 0.00 N | 69.62 -1.11 -0.04 N | 96.93 -1.75 0.00 N | | | |
| FITZPATRICK____ 23598 | 81.83 -3.31 0.00 N | 56.64 -2.32 0.00 N | 67.98 -2.77 0.00 N | 53.53 -2.24 0.00 N | 88.33 -3.64 0.00 N | 64.01 -2.62 0.00 N | 99.89 -3.93 0.00 N | 79.72 -2.90 -0.15 N | 64.48 -2.35 -1.24 N | 47.70 -1.65 -2.80 N | 34.00 -0.94 -8.19 N | 60.22 -2.21 -1.20 N | 74.08 -2.73 -0.09 N | 73.94 -2.74 0.00 N | 67.92 -2.57 0.00 N | 77.48 -2.83 0.00 N | 82.12 -2.77 -0.72 N | 281.03 -8.85 0.00 N | 124.96 -3.98 -2.40 N | 62.10 -2.12 -1.44 N | 73.99 -2.74 -0.09 N | 74.11 -2.78 0.00 N | 68.09 -2.60 0.00 N | 95.00 -3.69 0.00 N | | | |
| FORT ORANGE____ 23900 | 88.57 3.42 0.00 N | 61.35 2.39 0.00 N | 73.57 2.82 0.00 N | 58.11 2.35 0.00 N | 95.81 3.85 0.00 N | 69.73 3.09 0.00 N | 109.51 5.99 0.30 N | 90.86 5.13 -3.27 N | 96.12 4.25 -26.27 N | 108.89 3.08 -59.25 N | 201.97 1.71 -173.50 N | 90.52 3.86 -25.44 N | 83.40 4.74 -1.95 N | 81.15 4.47 0.00 N | 74.45 3.97 0.00 N | 84.98 4.68 0.00 N | 104.87 5.43 -15.27 N | 308.14 18.26 0.00 N | 186.02 8.63 -50.84 N | 97.46 4.18 -30.50 N | 83.50 4.89 -1.98 N | 81.38 4.50 0.00 N | 74.37 3.73 0.04 N | 103.37 4.69 0.00 N | | | |
| FORT_DRUM_COGEN 23780 | 82.34 -2.81 0.00 N | 56.82 -2.14 0.00 N | 68.20 -2.56 0.00 N | 53.71 -2.06 0.00 N | 88.85 -3.12 0.00 N | 64.75 -1.89 0.00 N | 101.56 -2.25 0.00 N | 81.24 -1.31 -0.09 N | 65.02 -1.27 -0.70 N | 47.11 -1.02 -1.57 N | 30.79 -0.57 -4.61 N | 60.70 -1.20 -0.68 N | 75.18 -1.60 -0.05 N | 75.33 -1.35 0.00 N | 69.24 -1.25 0.00 N | 78.95 -1.36 0.00 N | 83.49 -1.09 -0.40 N | 287.52 -2.36 0.00 N | 126.60 -1.29 -1.35 N | 62.54 -1.04 -0.81 N | 75.33 -1.36 -0.05 N | 75.29 -1.59 0.00 N | 68.93 -1.76 0.00 N | 96.09 -2.60 0.00 N | | | |
| FPL_FAR_ROCK_GT1 24212 | 91.91 6.76 0.00 N | 73.75 4.77 -10.02 N | 79.64 5.45 -3.44 N | 65.37 4.45 -5.15 N | 104.97 7.35 -5.64 N | 87.79 6.35 -14.80 N | 116.85 11.39 -1.65 N | 93.93 8.84 -2.62 N | 93.78 7.11 -21.08 N | 99.59 5.50 -47.54 N | 168.96 2.98 -139.23 N | 88.44 6.77 -20.44 N | 87.03 8.74 -1.56 N | 85.28 8.60 0.00 N | 83.15 8.03 -4.63 N | 89.26 8.96 0.00 N | 108.31 10.59 -13.56 N | 324.59 34.72 0.00 N | 182.78 15.44 -40.80 N | 95.16 7.92 -24.47 N | 87.59 9.37 -1.59 N | 85.79 8.68 -0.23 N | 88.37 7.36 -10.32 N | 107.20 8.52 0.00 N | | | |
| FPL_FAR_ROCK_GT2 23815 | 91.91 6.76 0.00 N | 73.75 4.77 -10.02 N | 79.64 5.45 -3.44 N | 65.37 4.45 -5.15 N | 104.97 7.35 -5.64 N | 87.79 6.35 -14.80 N | 116.85 11.39 -1.65 N | 93.93 8.84 -2.62 N | 93.78 7.11 -21.08 N | 99.59 5.50 -47.54 N | 168.96 2.98 -139.23 N | 88.44 6.77 -20.44 N | 87.03 8.74 -1.56 N | 85.28 8.60 0.00 N | 83.15 8.03 -4.63 N | 89.26 8.96 0.00 N | 108.31 10.59 -13.56 N | 324.59 34.72 0.00 N | 182.78 15.44 -40.80 N | 95.16 7.92 -24.47 N | 87.59 9.37 -1.59 N | 85.79 8.68 -0.23 N | 88.37 7.36 -10.32 N | 107.20 8.52 0.00 N | | | |
| FRANKLIN_FALL_HYD 24054 | 85.81 0.67 0.00 N | 59.33 0.37 0.00 N | 71.23 0.48 0.00 N | 56.19 0.42 0.00 N | 92.58 0.62 0.00 N | 66.82 0.18 0.00 N | 103.07 -0.74 0.00 N | 81.28 -1.19 0.00 N | 64.40 -1.19 0.00 N | 45.56 -1.00 0.00 N | 26.24 -0.51 0.00 N | 60.38 -0.85 0.00 N | 75.48 -1.24 0.00 N | 75.94 -0.74 0.00 N | 69.90 -0.58 0.00 N | 79.36 -0.94 0.00 N | 82.46 -1.71 0.00 N | 282.34 -7.54 0.00 N | 123.02 -3.51 0.00 N | 61.26 -1.52 0.00 N | 75.21 -1.43 0.00 N | 75.96 -0.93 0.00 N | 70.28 -0.40 0.00 N | 98.72 0.04 0.00 N | | | |
| FREEPORT_EQUS_GT1 23764 | 91.64 6.49 0.00 N | 73.64 4.65 -10.02 N | 79.55 5.36 -3.44 N | 65.32 4.41 -5.15 N | 104.68 7.06 -5.64 N | 87.53 6.09 -14.80 N | 116.18 10.72 -1.65 N | 93.39 8.30 -2.62 N | 93.43 6.75 -21.08 N | 99.31 5.22 -47.54 N | 168.90 2.92 -139.23 N | 88.29 6.61 -20.44 N | 86.87 8.58 -1.56 N | 85.11 8.43 0.00 N | 82.90 7.78 -4.63 N | 88.86 8.56 0.00 N | 107.52 9.80 -13.56 N | 321.83 31.95 0.00 N | 181.43 14.10 -40.80 N | 94.52 7.27 -24.47 N | 86.79 8.56 -1.59 N | 85.34 8.23 -0.23 N | 88.07 7.06 -10.32 N | 106.86 8.18 0.00 N | | | |
| FULTON COGEN____ 23766 | 82.58 -2.57 0.00 N | 57.14 -1.82 0.00 N | 68.56 -2.20 0.00 N | 53.97 -1.80 0.00 N | 89.11 -2.86 0.00 N | 64.68 -1.95 0.00 N | 101.24 -2.57 0.00 N | 80.98 -1.68 -0.19 N | 65.80 -1.34 -1.55 N | 49.11 -0.94 -3.50 N | 36.45 -0.55 -10.24 N | 61.42 -1.31 -1.50 N | 75.23 -1.61 -0.11 N | 75.06 -1.62 0.00 N | 68.92 -1.57 0.00 N | 78.64 -1.67 0.00 N | 83.71 -1.35 -0.90 N | 286.39 -3.49 0.00 N | 127.83 -1.70 -3.00 N | 63.49 -1.08 -1.80 N | 75.20 -1.56 -0.12 N | 75.18 -1.70 0.00 N | 68.90 -1.79 0.00 N | 96.03 -2.65 0.00 N | | | |
| Freeport____CT2 23818 | 91.64 6.49 0.00 N | 73.64 4.65 -10.02 N | 79.55 5.36 -3.44 N | 65.32 4.41 -5.15 N | 104.68 7.06 -5.64 N | 87.53 6.09 -14.80 N | 116.18 10.72 -1.65 N | 93.39 8.30 -2.62 N | 93.43 6.75 -21.08 N | 99.31 5.22 -47.54 N | 168.90 2.92 -139.23 N | 88.29 6.61 -20.44 N | 86.87 8.58 -1.56 N | 85.11 8.43 0.00 N | 82.90 7.78 -4.63 N | 88.86 8.56 0.00 N | 107.52 9.80 -13.56 N | 321.83 31.95 0.00 N | 181.43 14.10 -40.80 N | 94.52 7.27 -24.47 N | 86.79 8.56 -1.59 N | 85.34 8.23 -0.23 N | 88.07 7.06 -10.32 N | 106.86 8.18 0.00 N | | | |
| G.F.CEMENT____DRP 24184 | 87.36 2.21 0.00 N | 60.51 1.55 0.00 N | 72.48 1.73 0.00 N | 57.35 1.58 0.00 N | 94.70 2.73 0.00 N | 69.00 2.37 0.00 N | 109.28 5.47 0.00 N | 90.73 4.83 -3.44 N | 97.20 4.10 -27.51 N | 111.49 2.89 -62.05 N | 210.07 1.60 -181.71 N | 91.55 3.64 -26.68 N | 83.03 4.27 -2.04 N | 80.69 4.01 0.00 N | 74.01 3.52 0.00 N | 84.51 4.21 0.00 N | 105.40 5.24 -15.99 N | 307.25 17.37 0.00 N | 188.32 8.54 -53.24 N | 98.73 4.02 -31.94 N | 83.13 4.43 -2.07 N | 80.74 3.85 0.00 N | 73.74 3.06 0.00 N | 102.31 3.62 0.00 N | | | |
| GARDENVILLE____LBMP 24039 | 74.71 -10.44 0.00 N | 51.60 -7.36 0.00 N | 61.99 -8.76 0.00 N | 48.40 -7.37 0.00 N | 80.00 -11.97 0.00 N | 57.53 -9.10 0.00 N | 65.45 -15.14 23.22 N | 71.46 -10.96 0.04 N | 60.58 -8.42 -3.41 N | 48.22 -6.03 -7.69 N | 45.80 -3.47 -22.52 N | 56.19 -8.35 -3.31 N | 67.10 -9.88 -0.26 N | 66.88 -9.80 0.00 N | 61.22 -9.26 0.00 N | 70.46 -9.84 0.00 N | 76.29 -9.86 -1.98 N | 260.55 -29.32 0.00 N | 119.26 -13.88 -6.60 N | 58.92 -7.81 -3.96 N | 66.74 -10.15 -0.26 N | 66.55 -10.29 0.04 N | 58.25 -9.16 3.27 N | 86.75 -11.94 0.00 N | | | |
| GENERAL____MILLS 23808 | 74.97 -10.17 0.00 N | 51.79 -7.17 0.00 N | 62.21 -8.54 0.00 N | 48.57 -7.20 0.00 N | 80.28 -11.68 0.00 N | 57.71 -8.92 0.00 N | 66.06 -14.93 22.81 N | 71.64 -10.79 0.03 N | 60.77 -8.27 -3.45 N | 48.42 -5.92 -7.78 N | 46.13 -3.41 -22.78 N | 56.39 -8.19 -3.35 N | 67.32 -9.66 -0.26 N | 67.10 -9.58 0.00 N | 61.42 -9.07 0.00 N | 70.66 -9.64 0.00 N | 76.53 -9.62 -1.98 N | 261.33 -28.55 0.00 N | 119.57 -13.56 -6.60 N | 59.08 -7.66 -3.96 N | 66.97 -9.93 -0.26 N | 66.76 -10.08 0.04 N | 58.52 -8.96 3.21 N | 87.01 -11.67 0.00 N | | | |
| GE_PLASTICS____DRP | 86.81 | 60.19 | 72.22 | 57.04 | 94.04 | 68.28 | 106.84 | 88.67 | 94.53 | 108.11 | 202.82 | 89.15 | 81.39 | 79.13 | 72.65 | 82.90 | 102.61 | 299.61 | 182.64 | 95.89 | 81.41 | 79.42 | 72.66 | 101.07 | | | |

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|--------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| 24183 | 1.66 0.00 N | 1.23 0.00 N | 1.47 0.00 N | 1.27 0.00 N | 2.07 0.00 N | 1.64 0.00 N | 3.33 0.30 N | 2.91 -3.30 N | 2.44 -26.51 N | 1.79 -59.77 N | 1.00 -175.06 N | 2.22 -25.70 N | 2.70 -1.97 N | 2.45 0.00 N | 2.17 0.00 N | 2.59 0.00 N | 3.04 -15.40 N | 9.73 0.00 N | 4.80 -51.30 N | 2.35 -30.77 N | 2.78 -1.99 N | 2.54 0.00 N | 2.02 0.04 N | 2.39 0.00 N |
| GILBOA___1 23756 | 87.33 2.18 0.00 N | 60.81 1.85 0.00 N | 73.09 2.34 0.00 N | 57.67 1.91 0.00 N | 95.06 3.10 0.00 N | 68.72 2.08 0.00 N | 107.10 3.73 0.44 N | 88.22 3.20 -2.56 N | 88.82 2.65 -20.58 N | 94.93 1.97 -46.40 N | 163.73 1.08 -135.90 N | 83.58 2.39 -19.95 N | 81.24 2.99 -1.53 N | 79.31 2.63 0.00 N | 72.92 2.44 0.00 N | 83.18 2.88 0.00 N | 99.25 3.12 -11.96 N | 299.38 9.50 0.00 N | 170.90 4.55 -39.82 N | 88.91 2.25 -23.89 N | 81.15 2.97 -1.55 N | 79.72 2.84 0.00 N | 72.91 2.29 0.06 N | 101.53 2.85 0.00 N |
| GILBOA___2 23757 | 87.33 2.18 0.00 N | 60.81 1.85 0.00 N | 73.09 2.34 0.00 N | 57.67 1.91 0.00 N | 95.06 3.10 0.00 N | 68.72 2.08 0.00 N | 107.10 3.73 0.44 N | 88.22 3.20 -2.56 N | 88.82 2.65 -20.58 N | 94.93 1.97 -46.40 N | 163.73 1.08 -135.90 N | 83.58 2.39 -19.95 N | 81.24 2.99 -1.53 N | 79.31 2.63 0.00 N | 72.92 2.44 0.00 N | 83.18 2.88 0.00 N | 99.25 3.12 -11.96 N | 299.38 9.50 0.00 N | 170.90 4.55 -39.82 N | 88.91 2.25 -23.89 N | 81.15 2.97 -1.55 N | 79.72 2.84 0.00 N | 72.91 2.29 0.06 N | 101.53 2.85 0.00 N |
| GILBOA___3 23758 | 87.33 2.18 0.00 N | 60.81 1.85 0.00 N | 73.09 2.34 0.00 N | 57.67 1.91 0.00 N | 95.06 3.10 0.00 N | 68.72 2.08 0.00 N | 107.10 3.73 0.44 N | 88.22 3.20 -2.56 N | 88.82 2.65 -20.58 N | 94.93 1.97 -46.40 N | 163.73 1.08 -135.90 N | 83.58 2.39 -19.95 N | 81.24 2.99 -1.53 N | 79.31 2.63 0.00 N | 72.92 2.44 0.00 N | 83.18 2.88 0.00 N | 99.25 3.12 -11.96 N | 299.38 9.50 0.00 N | 170.90 4.55 -39.82 N | 88.91 2.25 -23.89 N | 81.15 2.97 -1.55 N | 79.72 2.84 0.00 N | 72.91 2.29 0.06 N | 101.53 2.85 0.00 N |
| GILBOA___4 23759 | 87.33 2.18 0.00 N | 60.81 1.85 0.00 N | 73.09 2.34 0.00 N | 57.67 1.91 0.00 N | 95.06 3.10 0.00 N | 68.72 2.08 0.00 N | 107.10 3.73 0.44 N | 88.22 3.20 -2.56 N | 88.82 2.65 -20.58 N | 94.93 1.97 -46.40 N | 163.73 1.08 -135.90 N | 83.58 2.39 -19.95 N | 81.24 2.99 -1.53 N | 79.31 2.63 0.00 N | 72.92 2.44 0.00 N | 83.18 2.88 0.00 N | 99.25 3.12 -11.96 N | 299.38 9.50 0.00 N | 170.90 4.55 -39.82 N | 88.91 2.25 -23.89 N | 81.15 2.97 -1.55 N | 79.72 2.84 0.00 N | 72.91 2.29 0.06 N | 101.53 2.85 0.00 N |
| GILBOA____ 23599 | 87.33 2.18 0.00 N | 60.81 1.85 0.00 N | 73.09 2.34 0.00 N | 57.67 1.91 0.00 N | 95.06 3.10 0.00 N | 68.72 2.08 0.00 N | 107.10 3.73 0.44 N | 88.22 3.20 -2.56 N | 88.82 2.65 -20.58 N | 94.93 1.97 -46.40 N | 163.73 1.08 -135.90 N | 83.58 2.39 -19.95 N | 81.24 2.99 -1.53 N | 79.31 2.63 0.00 N | 72.92 2.44 0.00 N | 83.18 2.88 0.00 N | 99.25 3.12 -11.96 N | 299.38 9.50 0.00 N | 170.90 4.55 -39.82 N | 88.91 2.25 -23.89 N | 81.15 2.97 -1.55 N | 79.72 2.84 0.00 N | 72.91 2.29 0.06 N | 101.53 2.85 0.00 N |
| GINNA____ 23603 | 76.17 -8.98 0.00 N | 52.77 -6.19 0.00 N | 63.20 -7.55 0.00 N | 49.64 -6.13 0.00 N | 81.99 -9.97 0.00 N | 59.35 -7.28 0.00 N | 92.56 -11.34 -0.09 N | 74.63 -8.18 -0.34 N | 61.71 -6.28 -5.42 N | 47.55 -4.43 -15.87 N | 40.17 -2.46 -15.87 N | 57.75 -5.81 -2.33 N | 69.71 -7.19 -0.18 N | 69.54 -7.14 0.00 N | 63.79 -6.70 0.00 N | 73.02 -7.28 0.00 N | 78.48 -7.08 -1.40 N | 268.58 -21.29 0.00 N | 121.33 -9.86 -4.65 N | 60.06 -5.50 -2.79 N | 69.61 -7.21 -0.18 N | 69.37 -7.52 0.00 N | 63.58 -7.09 0.01 N | 88.59 -10.09 0.00 N |
| GLEN PARK____ 23778 | 82.55 -2.60 0.00 N | 56.97 -1.99 0.00 N | 68.36 -2.40 0.00 N | 53.84 -1.93 0.00 N | 89.06 -2.91 0.00 N | 64.97 -1.67 0.00 N | 102.09 -1.72 0.00 N | 81.81 -0.75 -0.10 N | 65.61 -0.80 -0.81 N | 47.70 -0.69 -1.84 N | 31.73 -0.40 -5.37 N | 61.18 -0.84 -0.79 N | 75.65 -1.13 -0.06 N | 75.76 -0.92 0.00 N | 69.61 -0.88 0.00 N | 79.41 -0.90 0.00 N | 84.19 -0.44 -0.47 N | 289.97 0.09 0.00 N | 127.86 -0.25 -1.58 N | 63.16 -0.56 -0.94 N | 75.86 -0.84 -0.06 N | 75.69 -1.20 0.00 N | 69.24 -1.44 0.00 N | 96.51 -2.17 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 90.81 5.66 0.00 N | 72.92 3.94 -10.02 N | 78.75 4.55 -3.44 N | 64.66 3.74 -5.15 N | 104.04 6.42 -5.64 N | 87.10 5.66 -14.80 N | 115.47 10.01 -1.65 N | 92.77 7.68 -2.62 N | 92.87 6.20 -21.08 N | 98.84 4.75 -47.54 N | 168.65 2.67 -139.23 N | 87.62 5.95 -20.44 N | 85.89 7.61 -1.56 N | 84.09 7.41 0.00 N | 82.09 6.97 -4.63 N | 88.19 7.88 0.00 N | 106.57 8.85 -13.56 N | 318.33 28.45 0.00 N | 180.16 12.83 -40.80 N | 94.16 6.91 -24.47 N | 86.32 8.10 -1.59 N | 84.63 7.52 -0.23 N | 87.34 6.33 -10.32 N | 106.18 7.50 0.00 N |
| GLENWOOD_IC_2_G1 23688 | 90.15 5.00 0.00 N | 72.42 3.44 -10.02 N | 78.15 3.95 -3.44 N | 64.15 3.23 -5.15 N | 102.62 5.01 -5.64 N | 86.02 4.59 -14.80 N | 113.98 8.52 -1.65 N | 92.03 6.94 -2.62 N | 92.33 5.66 -21.08 N | 98.42 4.33 -47.54 N | 168.40 2.42 -139.23 N | 87.06 5.39 -20.44 N | 85.16 6.87 -1.56 N | 83.34 6.66 0.00 N | 81.03 5.91 -4.63 N | 86.94 6.63 0.00 N | 105.53 7.80 -13.56 N | 316.73 26.85 0.00 N | 179.58 12.25 -40.80 N | 93.60 6.35 -24.47 N | 85.64 7.42 -1.59 N | 83.99 6.88 -0.23 N | 86.76 5.75 -10.32 N | 105.54 6.85 0.00 N |
| GLENWOOD_IC_3_G1 23689 | 90.15 5.00 0.00 N | 72.42 3.44 -10.02 N | 78.15 3.95 -3.44 N | 64.15 3.23 -5.15 N | 102.62 5.01 -5.64 N | 86.02 4.59 -14.80 N | 113.98 8.52 -1.65 N | 92.03 6.94 -2.62 N | 92.33 5.66 -21.08 N | 98.42 4.33 -47.54 N | 168.40 2.42 -139.23 N | 87.06 5.39 -20.44 N | 85.16 6.87 -1.56 N | 83.34 6.66 0.00 N | 81.03 5.91 -4.63 N | 86.94 6.63 0.00 N | 105.53 7.80 -13.56 N | 316.73 26.85 0.00 N | 179.58 12.25 -40.80 N | 93.60 6.35 -24.47 N | 85.64 7.42 -1.59 N | 83.99 6.88 -0.23 N | 86.76 5.75 -10.32 N | 105.54 6.85 0.00 N |
| GLENWOOD___4 23550 | 90.81 5.66 0.00 N | 72.92 3.94 -10.02 N | 78.75 4.55 -3.44 N | 64.67 3.75 -5.15 N | 104.04 6.42 -5.64 N | 87.10 5.66 -14.80 N | 115.47 10.01 -1.65 N | 92.77 7.68 -2.62 N | 92.87 6.20 -21.08 N | 98.84 4.75 -47.54 N | 168.66 2.67 -139.23 N | 87.62 5.95 -20.44 N | 85.89 7.61 -1.56 N | 84.10 7.42 0.00 N | 82.09 6.97 -4.63 N | 88.20 7.89 0.00 N | 106.73 9.00 -13.56 N | 318.86 28.98 0.00 N | 180.40 13.07 -40.80 N | 94.16 6.92 -24.47 N | 86.32 8.10 -1.59 N | 84.63 7.52 -0.23 N | 87.34 6.33 -10.32 N | 106.18 7.50 0.00 N |
| GLENWOOD___5 23614 | 90.81 5.66 0.00 N | 72.92 3.94 -10.02 N | 78.75 4.55 -3.44 N | 64.67 3.75 -5.15 N | 104.04 6.42 -5.64 N | 87.10 5.66 -14.80 N | 115.47 10.01 -1.65 N | 92.77 7.68 -2.62 N | 92.87 6.20 -21.08 N | 98.84 4.75 -47.54 N | 168.66 2.67 -139.23 N | 87.62 5.95 -20.44 N | 85.89 7.61 -1.56 N | 84.10 7.42 0.00 N | 82.09 6.97 -4.63 N | 88.20 7.89 0.00 N | 106.73 9.00 -13.56 N | 318.86 28.98 0.00 N | 180.40 13.07 -40.80 N | 94.16 6.92 -24.47 N | 86.32 8.10 -1.59 N | 84.63 7.52 -0.23 N | 87.34 6.33 -10.32 N | 106.18 7.50 0.00 N |
| GLOBAL GREEN_PORT_GT1 23814 | 94.11 8.97 0.00 N | 75.47 6.49 -10.02 N | 81.79 7.59 -3.44 N | 67.10 6.18 -5.15 N | 107.57 9.96 -5.64 N | 89.28 7.85 -14.80 N | 118.41 12.95 -1.65 N | 94.68 9.59 -2.62 N | 94.57 7.90 -21.08 N | 100.11 6.02 -47.54 N | 169.51 3.53 -139.23 N | 89.74 8.07 -20.44 N | 88.84 10.55 -1.56 N | 87.07 10.39 0.00 N | 84.88 9.76 -4.63 N | 90.93 10.62 0.00 N | 110.39 12.66 -13.56 N | 330.68 40.80 0.00 N | 184.75 17.42 -40.80 N | 96.12 8.87 -24.47 N | 88.75 10.53 -1.59 N | 87.10 9.99 -0.23 N | 89.82 8.82 -10.32 N | 109.14 10.45 0.00 N |

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|---------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-----------------------------|
| GOETHSLN___LBMP 323567 | 89.30 4.15 0.00 N | 61.63 2.67 0.00 N | 73.85 3.09 0.00 N | 58.31 2.55 0.00 N | 95.97 4.00 0.00 N | 70.66 4.03 0.00 N | 111.24 7.81 0.38 N | 91.61 6.52 -2.62 N | 91.99 5.31 -21.08 N | 98.16 4.07 -47.54 N | 168.17 2.19 -139.23 N | 86.60 4.93 -20.44 N | 84.50 6.21 -1.56 N | 82.67 5.99 0.00 N | 75.69 5.20 0.00 N | 86.24 5.93 0.00 N | 103.53 7.12 -12.25 N | 315.19 25.31 0.00 N | 178.89 11.55 -40.80 N | 93.11 5.86 -24.47 N | 85.00 6.78 -1.59 N | 83.08 6.19 0.00 N | 75.74 5.11 0.05 N | 104.95 6.27 0.00 N |
| GOUDEY___7 23579 | 82.12 -3.03 0.00 N | 56.72 -2.24 0.00 N | 68.15 -2.61 0.00 N | 53.67 -2.10 0.00 N | 88.44 -3.53 0.00 N | 64.49 -2.15 0.00 N | 98.76 -2.29 2.77 N | 82.11 -1.13 -0.77 N | 71.30 -0.92 -6.63 N | 60.89 -0.60 -14.94 N | 70.10 -0.42 -43.76 N | 66.41 -1.25 -6.42 N | 75.82 -1.39 -0.49 N | 75.01 -1.68 0.00 N | 68.77 -1.71 0.00 N | 78.71 -1.60 0.00 N | 87.05 -0.97 -3.85 N | 288.69 -1.19 0.00 N | 138.38 -0.98 -12.82 N | 69.45 -1.02 -7.69 N | 75.60 -1.54 -0.50 N | 74.80 -2.08 0.00 N | 68.14 -2.15 0.39 N | 95.79 -2.89 0.00 N |
| GOUDEY___8 23580 | 82.28 -2.87 0.00 N | 56.83 -2.13 0.00 N | 68.28 -2.48 0.00 N | 53.76 -2.01 0.00 N | 88.63 -3.34 0.00 N | 64.60 -2.03 0.00 N | 98.97 -2.07 2.77 N | 82.30 -0.93 -0.77 N | 71.44 -0.78 -6.63 N | 60.96 -0.53 -14.94 N | 70.11 -0.41 -43.76 N | 66.48 -1.17 -6.42 N | 75.97 -1.24 -0.49 N | 75.19 -1.50 0.00 N | 68.94 -1.55 0.00 N | 78.88 -1.43 0.00 N | 87.18 -0.83 -3.85 N | 289.33 -0.56 0.00 N | 138.68 -0.68 -12.82 N | 69.58 -0.89 -7.69 N | 75.77 -1.36 -0.50 N | 74.96 -1.91 0.00 N | 68.29 -2.00 0.39 N | 96.03 -2.65 0.00 N |
| GOWANUS_GT1_1 24077 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_2 24078 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_3 24079 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_4 24080 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_5 24084 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_6 24111 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_7 24112 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT1_8 24113 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT2_1 24114 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT2_2 24115 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT2_3 24116 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|---|---|---|---|
| GOWANUS_GT2_4 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.19 | 181.69 | 92.45 | 105.37 | | | | |
| 24117 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.27 | 6.69 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_5 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.19 | 181.69 | 92.45 | 105.37 | | | | |
| 24118 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.27 | 6.69 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_6 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.19 | 181.69 | 92.45 | 105.37 | | | | |
| 24119 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.27 | 6.69 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_7 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.19 | 181.69 | 92.45 | 105.37 | | | | |
| 24120 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.27 | 6.69 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT2_8 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.19 | 181.69 | 92.45 | 105.37 | | | | |
| 24121 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.27 | 6.69 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_1 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24122 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_2 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24123 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_3 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24124 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_4 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24125 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_5 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24126 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_6 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24127 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_7 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24128 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT3_8 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | 70.84 | 111.62 | 92.07 | 92.30 | 98.41 | 176.62 | 96.78 | 99.36 | 99.23 | 99.33 | 103.31 | 135.99 | 334.82 | 222.17 | 183.50 | 318.20 | 181.70 | 92.45 | 105.37 | | | | |
| 24129 | 4.58 | 2.89 | 3.27 | 2.66 | 4.10 | 4.21 | 8.19 | 6.98 | 5.62 | 4.31 | 2.34 | 5.24 | 6.64 | 6.42 | 5.64 | 6.36 | 7.44 | 25.00 | 11.28 | 6.20 | 7.28 | 6.71 | 5.52 | 6.69 | | | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.62 | -21.08 | -47.54 | -147.51 | -30.31 | -16.00 | -16.13 | -23.20 | -16.65 | -44.38 | -19.95 | -84.36 | -114.53 | -234.29 | -98.11 | -16.25 | 0.00 | | | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GOWANUS_GT4_1 | 89.73 | 61.85 | 74.02 | 58.42 | 96.07 | | | | | | | | | | | | | | | | | | | | | | | |

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|------------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-----------------------------|
| 24130 | 4.58 0.00 N | 2.89 0.00 N | 3.27 0.00 N | 2.66 0.00 N | 4.10 0.00 N | 4.21 0.00 N | 8.19 0.38 N | 6.98 -2.62 N | 5.62 -21.08 N | 4.31 -47.54 N | 2.34 -147.51 N | 5.24 -30.31 N | 6.64 -16.00 N | 6.42 -16.13 N | 5.64 -23.20 N | 6.36 -16.65 N | 7.44 -44.38 N | 25.00 -19.95 N | 11.28 -84.36 N | 6.20 -114.53 N | 7.27 -234.29 N | 6.69 -98.11 N | 5.52 -16.25 N | 6.69 0.00 N |
| GOWANUS_GT4_2 24131 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_3 24132 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_4 24133 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_5 24134 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_6 24135 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_7 24136 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GOWANUS_GT4_8 24137 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.19 7.27 -234.29 N | 181.69 6.69 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| GRAHMSVILLE___HY 23607 | 88.00 2.86 0.00 N | 60.86 1.89 0.00 N | 72.94 2.19 0.00 N | 57.53 1.77 0.00 N | 94.83 2.86 0.00 N | 69.32 2.69 0.00 N | 108.68 5.28 0.41 N | 89.06 4.53 -2.07 N | 85.97 3.72 -16.66 N | 86.94 2.80 -37.58 N | 138.32 1.51 -110.05 N | 80.78 3.39 -16.16 N | 82.24 4.28 -1.24 N | 80.74 4.06 0.00 N | 74.06 3.58 0.00 N | 84.45 4.14 0.00 N | 98.80 4.95 -9.68 N | 307.75 17.87 0.00 N | 166.89 8.10 -32.25 N | 86.09 3.97 -19.35 N | 82.52 4.63 -1.25 N | 81.09 4.21 0.00 N | 74.00 3.37 0.06 N | 102.87 4.19 0.00 N |
| GREENIDGE___3 23582 | 77.38 -7.76 0.00 N | 53.51 -5.45 0.00 N | 64.18 -6.57 0.00 N | 50.50 -5.27 0.00 N | 83.31 -8.66 0.00 N | 60.79 -5.85 0.00 N | 94.64 -8.67 0.50 N | 76.83 -6.12 -0.49 N | 64.81 -4.78 -3.99 N | 52.25 -3.30 -9.00 N | 51.28 -1.84 -26.36 N | 60.55 -4.55 -3.87 N | 71.28 -5.73 -0.30 N | 70.67 -6.01 0.00 N | 64.81 -5.68 0.00 N | 74.37 -5.94 0.00 N | 81.04 -5.44 -2.32 N | 273.98 -15.89 0.00 N | 126.65 -7.61 -7.72 N | 62.93 -4.48 -4.63 N | 71.02 -5.92 -0.30 N | 70.41 -6.47 0.00 N | 64.50 -6.11 0.07 N | 90.09 -8.59 0.00 N |
| GREENIDGE___4 23583 | 77.38 -7.76 0.00 N | 53.51 -5.45 0.00 N | 64.18 -6.57 0.00 N | 50.50 -5.27 0.00 N | 83.31 -8.66 0.00 N | 60.79 -5.85 0.00 N | 94.64 -8.67 0.50 N | 76.83 -6.12 -0.49 N | 64.81 -4.78 -3.99 N | 52.25 -3.30 -9.00 N | 51.28 -1.84 -26.36 N | 60.55 -4.55 -3.87 N | 71.28 -5.73 -0.30 N | 70.67 -6.01 0.00 N | 64.81 -5.68 0.00 N | 74.37 -5.94 0.00 N | 81.04 -5.44 -2.32 N | 273.98 -15.89 0.00 N | 126.65 -7.61 -7.72 N | 62.93 -4.48 -4.63 N | 71.02 -5.92 -0.30 N | 70.41 -6.47 0.00 N | 64.50 -6.11 0.07 N | 90.09 -8.59 0.00 N |
| HARZA MOOSE___RIVER 24016 | 85.19 0.05 0.00 N | 58.91 -0.05 0.00 N | 70.67 -0.08 0.00 N | 55.67 -0.09 0.00 N | 91.95 -0.02 0.00 N | 66.84 0.21 0.00 N | 104.65 0.84 0.00 N | 83.45 0.99 0.00 N | 66.26 0.67 0.00 N | 46.98 0.42 0.00 N | 26.98 0.22 0.00 N | 61.79 0.56 0.00 N | 77.39 0.67 0.00 N | 77.44 0.75 0.00 N | 71.17 0.69 0.00 N | 81.14 0.84 0.00 N | 85.28 1.12 0.00 N | 294.65 4.77 0.00 N | 128.47 1.93 0.00 N | 63.52 0.74 0.00 N | 77.45 0.82 0.00 N | 77.51 0.62 0.00 N | 71.06 0.38 0.00 N | 99.03 0.35 0.00 N |
| HEMPSTEAD___ 23647 | 90.86 5.72 0.00 N | 73.08 4.10 -10.02 N | 78.91 4.72 -3.44 N | 64.80 3.88 -5.15 N | 103.93 6.32 -5.64 N | 86.99 5.56 -14.80 N | 115.30 9.84 -1.65 N | 92.64 7.56 -2.62 N | 92.81 6.14 -21.08 N | 98.84 4.75 -47.54 N | 168.65 2.67 -139.23 N | 87.70 6.03 -20.44 N | 86.08 7.79 -1.56 N | 84.29 7.62 0.00 N | 82.19 7.07 -4.63 N | 88.16 7.85 0.00 N | 106.86 9.13 -13.56 N | 319.22 29.34 0.00 N | 180.42 13.09 -40.80 N | 94.08 6.83 -24.47 N | 86.25 8.03 -1.59 N | 84.61 7.50 -0.23 N | 87.39 6.39 -10.32 N | 106.06 7.38 0.00 N |
| HICKLING___1 23621 | 80.51 -4.64 0.00 N | 55.33 -3.64 0.00 N | 66.59 -4.16 0.00 N | 52.22 -3.55 0.00 N | 86.33 -5.64 0.00 N | 63.20 -3.44 0.00 N | 97.32 -3.85 2.65 N | 81.23 -1.83 -0.60 N | 69.34 -1.48 -5.23 N | 57.25 -1.10 -11.80 N | 60.51 -0.79 -34.55 N | 64.12 -2.18 -5.07 N | 74.86 -2.25 -0.39 N | 74.12 -2.56 0.00 N | 67.80 -2.68 0.00 N | 77.84 -2.47 0.00 N | 85.66 -1.52 -3.02 N | 289.24 -0.64 0.00 N | 135.36 -1.23 -10.05 N | 67.14 -1.66 -6.03 N | 74.47 -2.56 -0.39 N | 73.46 -3.42 0.00 N | 66.81 -3.50 0.37 N | 94.31 -4.37 0.00 N |

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|---------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|
| HICKLING___2 23622 | 80.54 -4.60 0.00 N | 55.34 -3.63 0.00 N | 66.60 -4.15 0.00 N | 52.24 -3.53 0.00 N | 86.36 -5.61 0.00 N | 63.21 -3.42 0.00 N | 97.33 -3.83 2.65 N | 81.25 -1.82 -0.60 N | 69.37 -1.46 -5.23 N | 57.27 -1.09 -11.80 N | 60.53 -0.78 -34.55 N | 64.15 -2.16 -5.07 N | 74.88 -2.23 -0.39 N | 74.14 -2.54 0.00 N | 67.83 -2.66 0.00 N | 77.87 -2.43 0.00 N | 85.70 -1.49 -3.02 N | 289.40 -0.48 0.00 N | 135.43 -1.16 -10.05 N | 67.18 -1.63 -6.03 N | 74.51 -2.52 -0.39 N | 73.48 -3.40 0.00 N | 66.84 -3.47 0.37 N | 94.32 -4.36 0.00 N |
| HIGH FALLS___HY 23754 | 89.95 4.80 0.00 N | 62.19 3.23 0.00 N | 74.53 3.77 0.00 N | 58.82 3.06 0.00 N | 96.94 4.97 0.00 N | 71.08 4.45 0.00 N | 111.92 9.34 0.35 N | 92.23 7.13 -2.63 N | 92.64 5.93 -21.12 N | 98.61 4.43 -47.63 N | 168.66 2.42 -139.48 N | 87.15 5.44 -20.48 N | 85.14 6.84 -1.57 N | 83.18 6.50 0.00 N | 76.22 5.74 0.00 N | 86.93 6.62 0.00 N | 104.24 7.79 -12.27 N | 317.79 27.91 0.00 N | 180.09 12.68 -40.87 N | 93.57 6.28 -24.52 N | 85.56 7.34 -1.59 N | 83.63 6.75 0.00 N | 76.07 5.44 0.05 N | 105.40 6.72 0.00 N |
| HILLBURN___GT 23639 | 89.07 3.92 0.00 N | 61.50 2.54 0.00 N | 73.57 2.81 0.00 N | 58.07 2.31 0.00 N | 95.64 3.68 0.00 N | 70.36 3.73 0.00 N | 110.77 7.34 0.38 N | 91.09 6.11 -2.51 N | 90.79 5.00 -20.19 N | 95.90 3.82 -45.53 N | 162.16 2.08 -133.32 N | 85.43 4.66 -19.54 N | 84.08 5.86 -1.50 N | 82.30 5.62 0.00 N | 75.38 4.89 0.00 N | 85.92 5.61 0.00 N | 102.59 6.69 -11.73 N | 313.82 23.94 0.00 N | 176.67 11.06 -39.07 N | 91.81 5.60 -23.44 N | 84.63 6.47 -1.52 N | 82.75 5.87 0.00 N | 75.32 4.69 0.05 N | 104.46 5.77 0.00 N |
| HOLTSVILLE_IC_1 23690 | 91.26 6.11 0.00 N | 73.59 4.60 -10.02 N | 79.57 5.37 -3.44 N | 65.35 4.43 -5.15 N | 104.58 6.96 -5.64 N | 87.12 5.68 -14.80 N | 114.80 9.34 -1.65 N | 91.69 6.60 -2.62 N | 92.08 5.41 -21.08 N | 98.34 4.24 -47.54 N | 168.49 2.51 -139.23 N | 87.45 5.77 -20.44 N | 85.94 7.66 -1.56 N | 84.24 7.55 0.00 N | 82.31 7.19 -4.63 N | 87.93 7.62 0.00 N | 106.88 9.16 -13.56 N | 316.92 27.04 0.00 N | 178.84 11.51 -40.80 N | 93.36 6.11 -24.47 N | 85.55 7.33 -1.59 N | 84.09 6.98 -0.23 N | 87.22 6.21 -10.32 N | 105.64 6.96 0.00 N |
| HOLTSVILLE_IC_10 23699 | 91.75 6.61 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.47 6.04 -14.80 N | 115.43 9.97 -1.65 N | 92.23 7.14 -2.62 N | 92.53 5.86 -21.08 N | 98.67 4.58 -47.54 N | 168.69 2.71 -139.23 N | 87.88 6.21 -20.44 N | 86.52 8.24 -1.56 N | 84.79 8.11 0.00 N | 82.83 7.71 -4.63 N | 88.54 8.23 0.00 N | 107.59 9.86 -13.56 N | 319.12 29.24 0.00 N | 179.66 12.33 -40.80 N | 93.78 6.53 -24.47 N | 86.11 7.89 -1.59 N | 84.62 7.51 -0.23 N | 87.67 6.67 -10.32 N | 106.22 7.54 0.00 N |
| HOLTSVILLE_IC_2 23691 | 91.26 6.11 0.00 N | 73.59 4.60 -10.02 N | 79.57 5.37 -3.44 N | 65.35 4.43 -5.15 N | 104.58 6.96 -5.64 N | 87.12 5.68 -14.80 N | 114.80 9.34 -1.65 N | 91.69 6.60 -2.62 N | 92.08 5.41 -21.08 N | 98.34 4.24 -47.54 N | 168.49 2.51 -139.23 N | 87.45 5.77 -20.44 N | 85.94 7.66 -1.56 N | 84.24 7.55 0.00 N | 82.31 7.19 -4.63 N | 87.93 7.62 0.00 N | 106.88 9.16 -13.56 N | 316.92 27.04 0.00 N | 178.84 11.51 -40.80 N | 93.36 6.11 -24.47 N | 85.55 7.33 -1.59 N | 84.09 6.98 -0.23 N | 87.22 6.21 -10.32 N | 105.64 6.96 0.00 N |
| HOLTSVILLE_IC_3 23692 | 91.26 6.11 0.00 N | 73.59 4.60 -10.02 N | 79.57 5.37 -3.44 N | 65.35 4.43 -5.15 N | 104.58 6.96 -5.64 N | 87.12 5.68 -14.80 N | 114.80 9.34 -1.65 N | 91.69 6.60 -2.62 N | 92.08 5.41 -21.08 N | 98.34 4.24 -47.54 N | 168.49 2.51 -139.23 N | 87.45 5.77 -20.44 N | 85.94 7.66 -1.56 N | 84.24 7.55 0.00 N | 82.31 7.19 -4.63 N | 87.93 7.62 0.00 N | 106.88 9.16 -13.56 N | 316.92 27.04 0.00 N | 178.84 11.51 -40.80 N | 93.36 6.11 -24.47 N | 85.55 7.33 -1.59 N | 84.09 6.98 -0.23 N | 87.22 6.21 -10.32 N | 105.64 6.96 0.00 N |
| HOLTSVILLE_IC_4 23693 | 91.26 6.11 0.00 N | 73.59 4.60 -10.02 N | 79.57 5.37 -3.44 N | 65.35 4.43 -5.15 N | 104.58 6.96 -5.64 N | 87.12 5.68 -14.80 N | 114.80 9.34 -1.65 N | 91.69 6.60 -2.62 N | 92.08 5.41 -21.08 N | 98.34 4.24 -47.54 N | 168.49 2.51 -139.23 N | 87.45 5.77 -20.44 N | 85.94 7.66 -1.56 N | 84.24 7.55 0.00 N | 82.31 7.19 -4.63 N | 87.93 7.62 0.00 N | 106.88 9.16 -13.56 N | 316.92 27.04 0.00 N | 178.84 11.51 -40.80 N | 93.36 6.11 -24.47 N | 85.55 7.33 -1.59 N | 84.09 6.98 -0.23 N | 87.22 6.21 -10.32 N | 105.64 6.96 0.00 N |
| HOLTSVILLE_IC_5 23694 | 91.26 6.11 0.00 N | 73.59 4.60 -10.02 N | 79.57 5.37 -3.44 N | 65.35 4.43 -5.15 N | 104.58 6.96 -5.64 N | 87.12 5.68 -14.80 N | 114.80 9.34 -1.65 N | 91.69 6.60 -2.62 N | 92.08 5.41 -21.08 N | 98.34 4.24 -47.54 N | 168.49 2.51 -139.23 N | 87.45 5.77 -20.44 N | 85.94 7.66 -1.56 N | 84.24 7.55 0.00 N | 82.31 7.19 -4.63 N | 87.93 7.62 0.00 N | 106.88 9.16 -13.56 N | 316.92 27.04 0.00 N | 178.84 11.51 -40.80 N | 93.36 6.11 -24.47 N | 85.55 7.33 -1.59 N | 84.09 6.98 -0.23 N | 87.22 6.21 -10.32 N | 105.64 6.96 0.00 N |
| HOLTSVILLE_IC_6 23695 | 91.75 6.61 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.47 6.04 -14.80 N | 115.43 9.97 -1.65 N | 92.23 7.14 -2.62 N | 92.53 5.86 -21.08 N | 98.67 4.58 -47.54 N | 168.69 2.71 -139.23 N | 87.88 6.21 -20.44 N | 86.52 8.24 -1.56 N | 84.79 8.11 0.00 N | 82.83 7.71 -4.63 N | 88.54 8.23 0.00 N | 107.59 9.86 -13.56 N | 319.12 29.24 0.00 N | 179.66 12.33 -40.80 N | 93.78 6.53 -24.47 N | 86.11 7.89 -1.59 N | 84.62 7.51 -0.23 N | 87.67 6.67 -10.32 N | 106.22 7.54 0.00 N |
| HOLTSVILLE_IC_7 23696 | 91.75 6.61 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.47 6.04 -14.80 N | 115.43 9.97 -1.65 N | 92.23 7.14 -2.62 N | 92.53 5.86 -21.08 N | 98.67 4.58 -47.54 N | 168.69 2.71 -139.23 N | 87.88 6.21 -20.44 N | 86.52 8.24 -1.56 N | 84.79 8.11 0.00 N | 82.83 7.71 -4.63 N | 88.54 8.23 0.00 N | 107.59 9.86 -13.56 N | 319.12 29.24 0.00 N | 179.66 12.33 -40.80 N | 93.78 6.53 -24.47 N | 86.11 7.89 -1.59 N | 84.62 7.51 -0.23 N | 87.67 6.67 -10.32 N | 106.22 7.54 0.00 N |
| HOLTSVILLE_IC_8 23697 | 91.75 6.61 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.47 6.04 -14.80 N | 115.43 9.97 -1.65 N | 92.23 7.14 -2.62 N | 92.53 5.86 -21.08 N | 98.67 4.58 -47.54 N | 168.69 2.71 -139.23 N | 87.88 6.21 -20.44 N | 86.52 8.24 -1.56 N | 84.79 8.11 0.00 N | 82.83 7.71 -4.63 N | 88.54 8.23 0.00 N | 107.59 9.86 -13.56 N | 319.12 29.24 0.00 N | 179.66 12.33 -40.80 N | 93.78 6.53 -24.47 N | 86.11 7.89 -1.59 N | 84.62 7.51 -0.23 N | 87.67 6.67 -10.32 N | 106.22 7.54 0.00 N |
| HOLTSVILLE_IC_9 23698 | 91.75 6.61 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.47 6.04 -14.80 N | 115.43 9.97 -1.65 N | 92.23 7.14 -2.62 N | 92.53 5.86 -21.08 N | 98.67 4.58 -47.54 N | 168.69 2.71 -139.23 N | 87.88 6.21 -20.44 N | 86.52 8.24 -1.56 N | 84.79 8.11 0.00 N | 82.83 7.71 -4.63 N | 88.54 8.23 0.00 N | 107.59 9.86 -13.56 N | 319.12 29.24 0.00 N | 179.66 12.33 -40.80 N | 93.78 6.53 -24.47 N | 86.11 7.89 -1.59 N | 84.62 7.51 -0.23 N | 87.67 6.67 -10.32 N | 106.22 7.54 0.00 N |
| HQ_GEN_CEDARS 23644 | 88.46 3.32 0.00 N | 61.15 2.19 0.00 N | 73.40 2.64 0.00 N | 57.80 2.04 0.00 N | 95.38 3.41 0.00 N | 68.96 2.33 0.00 N | 106.09 2.28 0.00 N | 79.18 -3.28 0.00 N | 62.69 -2.91 0.00 N | 44.35 -2.20 0.00 N | 25.57 -1.18 0.00 N | 58.80 -2.43 0.00 N | 73.51 -3.21 0.00 N | 74.05 -2.63 0.00 N | 68.24 -2.25 0.00 N | 77.36 -2.95 0.00 N | 80.26 -3.91 0.00 N | 275.13 -14.75 0.00 N | 119.64 -6.90 0.00 N | 59.59 -3.19 0.00 N | 73.47 -3.16 0.00 N | 74.81 -2.08 0.00 N | 72.71 2.03 0.00 N | 102.19 3.51 0.00 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| HQ_GEN_CHAT DC 23651 | 85.73 0.59 0.00 N | 59.33 0.37 0.00 N | 68.82 0.36 -17.37 N | 56.13 0.36 0.00 N | 92.52 0.56 0.00 N | 64.39 0.08 -11.03 N | 25.00 -0.45 30.25 N | 81.49 -0.97 0.00 N | 64.77 -0.82 0.00 N | 45.88 -0.68 0.00 N | 26.42 -0.33 -0.68 N | 60.55 -0.68 0.00 N | 75.87 -0.86 0.00 N | 76.05 -0.63 0.00 N | 70.02 -0.47 0.00 N | 79.58 -0.73 0.00 N | 82.90 -1.27 0.00 N | 284.92 -4.96 0.00 N | 124.11 -2.43 0.00 N | 61.74 -1.03 0.00 N | 75.60 -1.03 0.00 N | 76.18 -0.70 0.00 N | 70.39 -0.30 0.00 N | 98.74 0.06 0.00 N | |
| HUDSON_AVE_GT_3 23810 | 89.67 4.52 0.00 N | 61.91 2.95 0.00 N | 74.16 3.41 0.00 N | 58.55 2.78 0.00 N | 96.35 4.38 0.00 N | 70.91 4.28 0.00 N | 111.66 8.24 0.38 N | 91.98 6.90 -2.62 N | 92.28 5.61 -21.08 N | 98.35 4.25 -47.54 N | 168.28 2.30 -139.23 N | 86.88 5.21 -20.44 N | 84.88 6.59 -1.56 N | 83.00 6.33 0.00 N | 76.04 5.55 0.00 N | 86.64 6.33 0.00 N | 103.94 7.52 -12.25 N | 316.31 26.43 0.00 N | 179.39 12.05 -40.80 N | 93.36 6.11 -24.47 N | 85.31 7.09 -1.59 N | 83.41 6.53 0.00 N | 76.06 5.43 0.05 N | 105.34 6.65 0.00 N | |
| HUDSON_AVE_GT_4 23540 | 89.67 4.52 0.00 N | 61.91 2.95 0.00 N | 74.16 3.41 0.00 N | 58.55 2.78 0.00 N | 96.35 4.38 0.00 N | 70.91 4.28 0.00 N | 111.66 8.24 0.38 N | 91.98 6.90 -2.62 N | 92.28 5.61 -21.08 N | 98.35 4.25 -47.54 N | 168.28 2.30 -139.23 N | 86.88 5.21 -20.44 N | 84.88 6.59 -1.56 N | 83.00 6.33 0.00 N | 76.04 5.55 0.00 N | 86.64 6.33 0.00 N | 103.94 7.52 -12.25 N | 316.31 26.43 0.00 N | 179.39 12.05 -40.80 N | 93.36 6.11 -24.47 N | 85.31 7.09 -1.59 N | 83.41 6.53 0.00 N | 76.06 5.43 0.05 N | 105.34 6.65 0.00 N | |
| HUDSON_AVE_GT_5 23657 | 89.67 4.52 0.00 N | 61.91 2.95 0.00 N | 74.16 3.41 0.00 N | 58.55 2.78 0.00 N | 96.35 4.38 0.00 N | 70.91 4.28 0.00 N | 111.66 8.24 0.38 N | 91.98 6.90 -2.62 N | 92.28 5.61 -21.08 N | 98.35 4.25 -47.54 N | 168.28 2.30 -139.23 N | 86.88 5.21 -20.44 N | 84.88 6.59 -1.56 N | 83.00 6.33 0.00 N | 76.04 5.55 0.00 N | 86.64 6.33 0.00 N | 103.94 7.52 -12.25 N | 316.31 26.43 0.00 N | 179.39 12.05 -40.80 N | 93.36 6.11 -24.47 N | 85.31 7.09 -1.59 N | 83.41 6.53 0.00 N | 76.06 5.43 0.05 N | 105.34 6.65 0.00 N | |
| HUDSON_AVE_10 24168 | 89.51 4.37 0.00 N | 61.81 2.85 0.00 N | 74.04 3.29 0.00 N | 58.45 2.68 0.00 N | 96.17 4.21 0.00 N | 70.81 4.18 0.00 N | 111.55 8.12 0.38 N | 91.83 6.75 -2.62 N | 92.17 5.50 -21.08 N | 98.26 4.17 -47.54 N | 168.18 2.20 -139.23 N | 86.75 5.08 -20.44 N | 84.72 6.44 -1.56 N | 82.84 6.17 0.00 N | 75.88 5.39 0.00 N | 86.45 6.14 0.00 N | 103.74 7.32 -12.25 N | 315.66 25.78 0.00 N | 179.08 11.74 -40.80 N | 93.21 5.97 -24.47 N | 85.14 6.92 -1.59 N | 83.25 6.36 0.00 N | 75.96 5.33 0.05 N | 105.13 6.45 0.00 N | |
| HUNTLEY___63 23557 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N | |
| HUNTLEY___64 23558 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N | |
| HUNTLEY___65 23559 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N | |
| HUNTLEY___66 23560 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N | |
| HUNTLEY___67 23561 | 74.25 -10.90 0.00 N | 51.40 -7.57 0.00 N | 61.70 -9.05 0.00 N | 48.16 -7.61 0.00 N | 79.58 -12.39 0.00 N | 56.98 -9.65 0.00 N | 63.16 -16.61 24.05 N | 70.15 -12.23 0.08 N | 59.43 -9.38 -3.22 N | 47.11 -6.70 -7.25 N | 44.18 -3.82 -21.24 N | 55.24 -9.11 -3.12 N | 66.07 -10.89 -0.24 N | 65.95 -10.73 0.00 N | 60.45 -10.03 0.00 N | 69.56 -10.74 0.00 N | 75.09 -10.92 -1.85 N | 256.55 -33.33 0.00 N | 117.11 -15.58 -6.15 N | 57.85 -8.62 -3.69 N | 65.79 -11.09 -0.24 N | 65.79 -11.05 0.05 N | 57.57 -9.73 3.39 N | 85.98 -12.70 0.00 N | |
| HUNTLEY___68 23562 | 74.25 -10.90 0.00 N | 51.40 -7.57 0.00 N | 61.70 -9.05 0.00 N | 48.16 -7.61 0.00 N | 79.58 -12.39 0.00 N | 56.98 -9.65 0.00 N | 63.16 -16.61 24.05 N | 70.15 -12.23 0.08 N | 59.43 -9.38 -3.22 N | 47.11 -6.70 -7.25 N | 44.18 -3.82 -21.24 N | 55.24 -9.11 -3.12 N | 66.07 -10.89 -0.24 N | 65.95 -10.73 0.00 N | 60.45 -10.03 0.00 N | 69.56 -10.74 0.00 N | 75.09 -10.92 -1.85 N | 256.55 -33.33 0.00 N | 117.11 -15.58 -6.15 N | 57.85 -8.62 -3.69 N | 65.79 -11.09 -0.24 N | 65.79 -11.05 0.05 N | 57.57 -9.73 3.39 N | 85.98 -12.70 0.00 N | |
| INDECK___CORINTH 23802 | 85.77 0.63 0.00 N | 59.45 0.49 0.00 N | 71.21 0.46 0.00 N | 56.35 0.58 0.00 N | 93.09 1.13 0.00 N | 67.87 1.24 0.00 N | 107.53 3.72 0.00 N | 89.36 3.43 -3.47 N | 96.32 2.94 -27.78 N | 111.25 2.03 -62.66 N | 211.39 1.11 -183.52 N | 90.75 2.54 -26.98 N | 81.67 2.89 -2.07 N | 79.33 2.65 0.00 N | 72.75 2.27 0.00 N | 83.13 2.82 0.00 N | 104.11 3.79 -16.15 N | 302.41 12.53 0.00 N | 186.73 6.42 -53.77 N | 98.00 2.97 -32.26 N | 81.87 3.14 -2.09 N | 79.42 2.54 0.00 N | 72.53 1.84 0.00 N | 100.52 1.84 0.00 N | |
| INDECK___ILION 23567 | 87.27 2.12 0.00 N | 60.42 1.45 0.00 N | 72.50 1.74 0.00 N | 57.16 1.39 0.00 N | 94.33 2.36 0.00 N | 68.55 1.91 0.00 N | 107.50 3.69 0.00 N | 85.62 3.22 0.06 N | 67.77 2.68 0.50 N | 47.31 1.90 1.14 N | 24.49 1.06 3.33 N | 63.11 2.36 0.49 N | 79.63 2.94 0.04 N | 79.47 2.79 0.00 N | 72.98 2.50 0.00 N | 83.28 2.98 0.00 N | 87.36 3.48 0.29 N | 302.36 12.48 0.00 N | 131.18 5.61 0.98 N | 64.85 2.67 0.59 N | 79.78 3.18 0.04 N | 79.75 2.87 0.00 N | 73.03 2.35 0.00 N | 101.52 2.84 0.00 N | |
| INDECK___OLEAN | 76.92 | 52.76 | 63.50 | 49.59 | 82.05 | 59.71 | 73.14 | 75.94 | 64.37 | 51.44 | 49.38 | 59.37 | 70.78 | 70.35 | 64.30 | 73.93 | 80.40 | 268.01 | 123.01 | 62.01 | 70.39 | 69.57 | 60.93 | 89.93 | |

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| 23982 | -8.23 0.00 N | -6.20 0.00 N | -7.26 0.00 N | -6.18 0.00 N | -9.92 0.00 N | -6.93 0.00 N | -10.15 20.52 N | -6.58 -0.06 N | -4.98 -3.76 N | -3.59 -8.48 N | -2.20 -24.83 N | -5.51 -3.65 N | -6.22 -0.28 N | -6.33 0.00 N | -6.18 0.00 N | -6.38 0.00 N | -5.93 -2.16 N | -21.86 0.00 N | -10.73 -7.20 N | -5.08 -4.32 N | -6.52 -0.28 N | -7.27 0.04 N | -6.87 2.88 N | -8.76 0.00 N |
| INDECK____OSWEGO 23783 | 82.42 -2.72 0.00 N | 57.04 -1.92 0.00 N | 68.44 -2.32 0.00 N | 53.89 -1.88 0.00 N | 88.95 -3.02 0.00 N | 64.56 -2.07 0.00 N | 100.95 -2.86 0.00 N | 80.71 -1.94 -0.19 N | 65.52 -1.58 -1.51 N | 48.86 -1.10 -3.41 N | 36.09 -0.64 -9.98 N | 61.17 -1.53 -1.47 N | 74.97 -1.86 -0.11 N | 74.78 -1.91 0.00 N | 68.69 -1.80 0.00 N | 78.35 -1.96 0.00 N | 83.34 -1.71 -0.88 N | 285.00 -4.88 0.00 N | 127.17 -2.30 -2.93 N | 63.19 -1.34 -1.76 N | 74.91 -1.84 -0.11 N | 74.92 -1.96 0.00 N | 68.74 -1.95 0.00 N | 95.83 -2.85 0.00 N |
| INDECK____YERKES 23781 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N |
| INDIAN POINT_GT_1 24139 | 88.90 3.76 0.00 N | 61.44 2.48 0.00 N | 73.55 2.80 0.00 N | 58.06 2.29 0.00 N | 95.61 3.64 0.00 N | 70.26 3.62 0.00 N | 110.54 7.11 0.38 N | 90.98 5.91 -2.61 N | 91.35 4.84 -20.92 N | 97.42 3.68 -47.19 N | 166.93 1.99 -138.18 N | 85.97 4.49 -20.25 N | 83.94 5.67 -1.55 N | 82.10 5.42 0.00 N | 75.21 4.73 0.00 N | 85.73 5.42 0.00 N | 102.78 6.45 -12.16 N | 312.68 22.80 0.00 N | 177.57 10.54 -40.50 N | 92.41 5.34 -24.29 N | 84.39 6.18 -1.57 N | 82.54 5.66 0.00 N | 75.21 4.58 0.05 N | 104.26 5.57 0.00 N |
| INDIAN POINT_GT_2 23659 | 88.90 3.76 0.00 N | 61.44 2.48 0.00 N | 73.55 2.80 0.00 N | 58.06 2.29 0.00 N | 95.61 3.64 0.00 N | 70.26 3.62 0.00 N | 110.54 7.11 0.38 N | 90.98 5.91 -2.61 N | 91.35 4.84 -20.92 N | 97.42 3.68 -47.19 N | 166.93 1.99 -138.18 N | 85.97 4.49 -20.25 N | 83.94 5.67 -1.55 N | 82.10 5.42 0.00 N | 75.21 4.73 0.00 N | 85.73 5.42 0.00 N | 102.78 6.45 -12.16 N | 312.68 22.80 0.00 N | 177.57 10.54 -40.50 N | 92.41 5.34 -24.29 N | 84.39 6.18 -1.57 N | 82.54 5.66 0.00 N | 75.21 4.58 0.05 N | 104.26 5.57 0.00 N |
| INDIAN POINT_GT_3 24019 | 88.90 3.76 0.00 N | 61.44 2.48 0.00 N | 73.55 2.80 0.00 N | 58.06 2.29 0.00 N | 95.61 3.64 0.00 N | 70.26 3.62 0.00 N | 110.54 7.11 0.38 N | 90.98 5.91 -2.61 N | 91.35 4.84 -20.92 N | 97.42 3.68 -47.19 N | 166.93 1.99 -138.18 N | 85.97 4.49 -20.25 N | 83.94 5.67 -1.55 N | 82.10 5.42 0.00 N | 75.21 4.73 0.00 N | 85.73 5.42 0.00 N | 102.78 6.45 -12.16 N | 312.68 22.80 0.00 N | 177.57 10.54 -40.50 N | 92.41 5.34 -24.29 N | 84.39 6.18 -1.57 N | 82.54 5.66 0.00 N | 75.21 4.58 0.05 N | 104.26 5.57 0.00 N |
| INDIAN POINT____2 23530 | 88.70 3.55 0.00 N | 61.29 2.33 0.00 N | 73.35 2.59 0.00 N | 57.90 2.14 0.00 N | 95.34 3.37 0.00 N | 70.08 3.44 0.00 N | 110.26 6.83 0.38 N | 90.72 5.68 -2.58 N | 90.94 4.65 -20.69 N | 96.78 3.55 -46.66 N | 165.36 1.94 -136.67 N | 85.63 4.33 -20.06 N | 83.71 5.45 -1.54 N | 81.91 5.23 0.00 N | 75.03 4.54 0.00 N | 85.51 5.21 0.00 N | 102.40 6.20 -12.03 N | 311.91 22.03 0.00 N | 176.78 10.20 -40.05 N | 91.98 5.19 -24.02 N | 84.19 5.99 -1.56 N | 82.32 5.44 0.00 N | 75.00 4.37 0.05 N | 104.01 5.33 0.00 N |
| INDIAN POINT____3 23531 | 88.64 3.50 0.00 N | 61.28 2.31 0.00 N | 73.34 2.59 0.00 N | 57.90 2.14 0.00 N | 95.33 3.36 0.00 N | 70.06 3.42 0.00 N | 110.19 6.76 0.38 N | 90.69 5.63 -2.61 N | 91.12 4.60 -20.92 N | 97.26 3.51 -47.19 N | 166.88 1.91 -138.20 N | 85.81 4.29 -20.29 N | 83.67 5.39 -1.55 N | 81.84 5.16 0.00 N | 74.98 4.50 0.00 N | 85.46 5.16 0.00 N | 102.48 6.15 -12.16 N | 311.63 21.75 0.00 N | 177.11 10.08 -40.50 N | 92.18 5.11 -24.29 N | 84.13 5.92 -1.57 N | 82.26 5.38 0.00 N | 74.97 4.34 0.05 N | 103.96 5.27 0.00 N |
| IP CORINTH____1 23988 | 86.48 1.33 0.00 N | 59.94 0.98 0.00 N | 71.79 1.03 0.00 N | 56.80 1.03 0.00 N | 93.85 1.88 0.00 N | 68.41 1.77 0.00 N | 108.41 4.60 0.00 N | 90.07 4.13 -3.47 N | 96.88 3.51 -27.78 N | 111.65 2.44 -62.66 N | 211.63 1.35 -183.52 N | 91.28 3.07 -26.98 N | 82.33 3.55 -2.07 N | 80.00 3.32 0.00 N | 73.36 2.87 0.00 N | 83.81 3.51 0.00 N | 104.84 4.53 -16.15 N | 304.95 15.08 0.00 N | 187.81 7.49 -53.77 N | 98.54 3.50 -32.26 N | 82.51 3.78 -2.09 N | 80.08 3.20 0.00 N | 73.11 2.43 0.00 N | 101.34 2.66 0.00 N |
| IP____TICONDEROGA 23804 | 91.48 6.34 0.00 N | 63.27 4.31 0.00 N | 75.74 4.98 0.00 N | 59.96 4.19 0.00 N | 99.01 7.04 0.00 N | 72.00 5.36 0.00 N | 113.83 10.02 0.00 N | 94.15 8.32 -3.37 N | 99.66 7.10 -26.97 N | 112.28 4.91 -60.82 N | 207.68 2.80 -178.13 N | 93.80 6.41 -26.15 N | 86.43 7.71 -2.00 N | 84.12 7.44 0.00 N | 76.97 6.49 0.00 N | 88.08 7.77 0.00 N | 108.62 8.78 -15.68 N | 317.52 27.65 0.00 N | 192.36 13.62 -52.19 N | 100.65 6.56 -31.31 N | 86.07 7.40 -2.03 N | 83.82 6.93 0.00 N | 76.90 6.21 0.00 N | 107.04 8.36 0.00 N |
| JARVIS____ 23743 | 85.40 0.25 0.00 N | 59.14 0.18 0.00 N | 70.97 0.21 0.00 N | 55.93 0.17 0.00 N | 92.24 0.28 0.00 N | 66.90 0.27 0.00 N | 104.44 0.63 0.00 N | 82.99 0.59 0.06 N | 65.55 0.46 0.50 N | 45.79 0.37 1.14 N | 23.61 0.18 3.33 N | 61.17 0.43 0.49 N | 77.22 0.54 0.04 N | 77.18 0.50 0.00 N | 70.91 0.42 0.00 N | 80.87 0.56 0.00 N | 84.46 0.59 0.29 N | 292.18 2.30 0.00 N | 126.64 1.07 0.98 N | 62.69 0.50 0.59 N | 77.21 0.60 0.04 N | 77.39 0.51 0.00 N | 71.09 0.41 0.00 N | 99.10 0.41 0.00 N |
| JENNISON____1 23625 | 84.39 -0.76 0.00 N | 58.27 -0.69 0.00 N | 69.98 -0.78 0.00 N | 55.07 -0.70 0.00 N | 90.97 -0.99 0.00 N | 66.39 -0.24 0.00 N | 103.25 0.88 1.44 N | 84.84 1.51 -0.87 N | 74.02 1.26 -7.17 N | 63.62 0.90 -16.16 N | 74.51 0.40 -47.35 N | 68.92 0.74 -6.95 N | 78.35 1.10 -0.53 N | 77.58 0.90 0.00 N | 71.14 0.65 0.00 N | 81.34 1.04 0.00 N | 90.20 1.87 -4.17 N | 298.94 9.06 0.00 N | 143.99 3.58 -13.87 N | 72.32 1.23 -8.32 N | 78.35 1.18 -0.54 N | 77.43 0.55 0.00 N | 70.49 0.01 0.20 N | 98.56 -0.13 0.00 N |
| JENNISON____2 23626 | 84.30 -0.84 0.00 N | 58.22 -0.74 0.00 N | 69.91 -0.85 0.00 N | 55.02 -0.75 0.00 N | 90.88 -1.09 0.00 N | 66.31 -0.32 0.00 N | 103.11 0.74 1.44 N | 84.71 1.38 -0.87 N | 73.92 1.16 -7.17 N | 63.54 0.82 -16.16 N | 74.47 0.36 -47.35 N | 68.84 0.66 -6.95 N | 78.25 1.00 -0.53 N | 77.49 0.81 0.00 N | 71.05 0.56 0.00 N | 81.22 0.91 0.00 N | 90.06 1.73 -4.17 N | 298.40 8.52 0.00 N | 143.81 3.40 -13.87 N | 72.22 1.13 -8.32 N | 78.24 1.06 -0.54 N | 77.33 0.45 0.00 N | 70.40 -0.08 0.20 N | 98.44 -0.25 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 91.58 6.44 0.00 N | 73.80 4.82 -10.02 N | 79.80 5.60 -3.44 N | 65.55 4.63 -5.15 N | 104.92 7.31 -5.64 N | 87.28 5.85 -14.80 N | 114.99 9.53 -1.65 N | 91.83 6.74 -2.62 N | 92.22 5.55 -21.08 N | 98.46 4.37 -47.54 N | 168.58 2.59 -139.23 N | 87.63 5.96 -20.44 N | 86.24 7.95 -1.56 N | 84.52 7.84 0.00 N | 82.63 7.51 -4.63 N | 88.30 8.00 0.00 N | 107.24 9.51 -13.56 N | 315.95 26.07 0.00 N | 178.12 10.78 -40.80 N | 93.12 5.87 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.38 6.38 -10.32 N | 105.84 7.15 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| KEDC PORT_JEFF_GT3 24211 | 91.58 6.44 0.00 N | 73.80 4.82 -10.02 N | 79.80 5.60 -3.44 N | 65.55 4.63 -5.15 N | 104.92 7.31 -5.64 N | 87.28 5.85 -14.80 N | 114.99 9.53 -1.65 N | 91.83 6.74 -2.62 N | 92.22 5.55 -21.08 N | 98.46 4.37 -47.54 N | 168.58 2.59 -139.23 N | 87.63 5.96 -20.44 N | 86.24 7.95 -1.56 N | 84.52 7.84 0.00 N | 82.63 7.51 -4.63 N | 88.30 8.00 0.00 N | 107.24 9.51 -13.56 N | 315.95 26.07 0.00 N | 178.12 10.78 -40.80 N | 93.12 5.87 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.38 6.38 -10.32 N | 105.84 7.15 0.00 N |
| KEDC_GLWD_GT4 24219 | 90.81 5.66 0.00 N | 72.92 3.94 -10.02 N | 78.75 4.55 -3.44 N | 64.66 3.74 -5.15 N | 104.04 6.42 -5.64 N | 87.10 5.66 -14.80 N | 115.47 10.01 -1.65 N | 92.77 7.68 -2.62 N | 92.87 6.20 -21.08 N | 98.84 4.75 -47.54 N | 168.65 2.67 -139.23 N | 87.62 5.95 -20.44 N | 85.89 7.61 -1.56 N | 84.09 7.41 0.00 N | 82.09 6.97 -4.63 N | 88.19 7.88 0.00 N | 106.57 8.85 -13.56 N | 318.33 28.45 0.00 N | 180.16 12.83 -40.80 N | 94.16 6.91 -24.47 N | 86.32 8.10 -1.59 N | 84.63 7.52 -0.23 N | 87.34 6.33 -10.32 N | 106.18 7.50 0.00 N |
| KEDC_GLWD_GT5 24220 | 90.81 5.66 0.00 N | 72.92 3.94 -10.02 N | 78.75 4.55 -3.44 N | 64.66 3.74 -5.15 N | 104.04 6.42 -5.64 N | 87.10 5.66 -14.80 N | 115.47 10.01 -1.65 N | 92.77 7.68 -2.62 N | 92.87 6.20 -21.08 N | 98.84 4.75 -47.54 N | 168.65 2.67 -139.23 N | 87.62 5.95 -20.44 N | 85.89 7.61 -1.56 N | 84.09 7.41 0.00 N | 82.09 6.97 -4.63 N | 88.19 7.88 0.00 N | 106.57 8.85 -13.56 N | 318.33 28.45 0.00 N | 180.16 12.83 -40.80 N | 94.16 6.91 -24.47 N | 86.32 8.10 -1.59 N | 84.63 7.52 -0.23 N | 87.34 6.33 -10.32 N | 106.18 7.50 0.00 N |
| KENSICO____ 23655 | 89.28 4.14 0.00 N | 61.70 2.74 0.00 N | 73.89 3.14 0.00 N | 58.34 2.57 0.00 N | 96.03 4.06 0.00 N | 70.55 3.92 0.00 N | 111.00 7.57 0.38 N | 91.37 6.29 -2.62 N | 91.76 5.13 -21.04 N | 97.90 3.90 -47.45 N | 167.85 2.13 -138.97 N | 86.42 4.79 -20.40 N | 84.32 6.04 -1.56 N | 82.48 5.80 0.00 N | 75.56 5.08 0.00 N | 86.12 5.81 0.00 N | 103.27 6.88 -12.23 N | 314.03 24.16 0.00 N | 178.36 11.10 -40.72 N | 92.82 5.62 -24.43 N | 84.76 6.54 -1.58 N | 82.87 5.99 0.00 N | 75.56 4.93 0.05 N | 104.73 6.05 0.00 N |
| KIAC_JFK_GT1 23816 | 89.82 4.67 0.00 N | 62.02 3.06 0.00 N | 74.24 3.49 0.00 N | 58.60 2.84 0.00 N | 96.44 4.47 0.00 N | 71.07 4.43 0.00 N | 112.04 8.61 0.38 N | 92.26 7.18 -2.62 N | 92.43 5.76 -21.08 N | 98.44 4.35 -47.54 N | 168.13 2.15 -139.23 N | 86.89 5.22 -20.44 N | 88.27 6.65 -4.90 N | 83.04 6.36 0.00 N | 76.04 5.55 0.00 N | 86.67 6.36 0.00 N | 103.97 7.55 -12.25 N | 327.12 26.69 -10.55 N | 201.24 12.13 -62.57 N | 93.34 6.10 -24.47 N | 85.25 7.03 -1.59 N | 83.40 6.52 0.00 N | 84.68 5.61 -8.38 N | 105.41 6.72 0.00 N |
| KIAC_JFK_GT2 23817 | 89.82 4.67 0.00 N | 62.02 3.06 0.00 N | 74.24 3.49 0.00 N | 58.60 2.84 0.00 N | 96.44 4.47 0.00 N | 71.07 4.43 0.00 N | 112.04 8.61 0.38 N | 92.26 7.18 -2.62 N | 92.43 5.76 -21.08 N | 98.44 4.35 -47.54 N | 168.13 2.15 -139.23 N | 86.89 5.22 -20.44 N | 88.27 6.65 -4.90 N | 83.04 6.36 0.00 N | 76.04 5.55 0.00 N | 86.67 6.36 0.00 N | 103.97 7.55 -12.25 N | 327.12 26.69 -10.55 N | 201.24 12.13 -62.57 N | 93.34 6.10 -24.47 N | 85.25 7.03 -1.59 N | 83.40 6.52 0.00 N | 84.68 5.61 -8.38 N | 105.41 6.72 0.00 N |
| KINTIGH____ 23543 | 74.71 -10.44 0.00 N | 51.79 -7.17 0.00 N | 62.14 -8.61 0.00 N | 48.60 -7.17 0.00 N | 80.28 -11.69 0.00 N | 57.56 -9.07 0.00 N | 62.23 -15.53 26.05 N | 70.73 -11.54 0.19 N | 59.38 -8.85 -2.63 N | 46.19 -6.30 -5.94 N | 40.61 -3.56 -17.40 N | 55.35 -8.43 -2.56 N | 66.71 -10.21 -0.20 N | 66.65 -10.03 0.00 N | 61.15 -9.34 0.00 N | 70.19 -10.11 0.00 N | 75.37 -10.35 -1.56 N | 257.48 -32.39 0.00 N | 116.77 -14.95 -5.17 N | 57.74 -8.13 -3.11 N | 66.44 -10.40 -0.20 N | 66.49 -10.35 0.05 N | 57.87 -9.17 3.64 N | 86.51 -12.17 0.00 N |
| LEDERLE____ 23769 | 89.50 4.36 0.00 N | 61.83 2.87 0.00 N | 73.96 3.21 0.00 N | 58.39 2.63 0.00 N | 96.13 4.16 0.00 N | 70.73 4.10 0.00 N | 111.36 7.93 0.38 N | 91.58 6.58 -2.53 N | 91.33 5.40 -20.34 N | 96.53 4.10 -45.88 N | 163.34 2.23 -134.34 N | 85.95 5.03 -19.69 N | 84.55 6.32 -1.51 N | 82.76 6.08 0.00 N | 75.80 5.32 0.00 N | 86.40 6.09 0.00 N | 103.17 7.21 -11.80 N | 315.75 25.87 0.00 N | 177.75 11.92 -39.30 N | 92.35 6.00 -23.57 N | 85.11 6.95 -1.53 N | 83.22 6.33 0.00 N | 75.75 5.12 0.05 N | 105.04 6.36 0.00 N |
| LINDEN COGEN____ 23786 | 89.25 4.10 0.00 N | 61.61 2.64 0.00 N | 73.82 3.07 0.00 N | 58.27 2.51 0.00 N | 95.90 3.93 0.00 N | 70.60 3.97 0.00 N | 111.16 7.73 0.38 N | 91.57 6.48 -2.62 N | 91.95 5.27 -21.08 N | 98.12 4.03 -47.54 N | 168.15 2.16 -139.23 N | 86.56 4.89 -20.44 N | 84.45 6.16 -1.56 N | 82.61 5.93 0.00 N | 75.66 5.17 0.00 N | 86.20 5.90 0.00 N | 103.50 7.09 -12.25 N | 314.94 25.06 0.00 N | 178.77 11.44 -40.80 N | 93.05 5.80 -24.47 N | 84.94 6.72 -1.59 N | 83.04 6.15 0.00 N | 75.71 5.08 0.05 N | 104.89 6.21 0.00 N |
| LIPA_MISC_IPP 23656 | 91.63 6.48 0.00 N | 73.84 4.86 -10.02 N | 79.86 5.67 -3.44 N | 65.60 4.68 -5.15 N | 105.00 7.38 -5.64 N | 87.32 5.89 -14.80 N | 115.05 9.59 -1.65 N | 91.81 6.72 -2.62 N | 92.19 5.51 -21.08 N | 98.39 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.53 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.39 7.27 -4.63 N | 88.03 7.72 0.00 N | 107.08 9.35 -13.56 N | 317.72 27.84 0.00 N | 179.14 11.81 -40.80 N | 93.50 6.25 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.42 6.42 -10.32 N | 106.00 7.32 0.00 N |
| LITTLE FALLS____HYD 24013 | 89.53 4.38 0.00 N | 61.99 3.03 0.00 N | 74.39 3.64 0.00 N | 58.68 2.91 0.00 N | 96.90 4.93 0.00 N | 70.56 3.93 0.00 N | 111.36 7.55 0.00 N | 88.84 6.44 0.06 N | 70.51 5.43 0.50 N | 49.22 3.81 1.14 N | 25.55 2.12 3.33 N | 65.50 4.76 0.49 N | 82.62 5.93 0.04 N | 82.28 5.60 0.00 N | 75.50 5.01 0.00 N | 86.29 5.98 0.00 N | 90.84 6.97 0.29 N | 314.68 24.80 0.00 N | 136.77 11.21 0.98 N | 67.55 5.36 0.59 N | 83.02 6.42 0.04 N | 82.70 5.82 0.00 N | 75.50 4.82 0.00 N | 104.50 5.82 0.00 N |
| LONG LAKE PHOENIX 24014 | 82.66 -2.48 0.00 N | 57.19 -1.78 0.00 N | 68.63 -2.13 0.00 N | 54.03 -1.74 0.00 N | 89.18 -2.78 0.00 N | 64.75 -1.88 0.00 N | 101.36 -2.45 0.00 N | 81.06 -1.60 -0.19 N | 65.88 -1.27 -1.55 N | 49.18 -0.87 -3.50 N | 36.48 -0.52 -10.24 N | 61.48 -1.25 -1.50 N | 75.33 -1.51 -0.11 N | 75.14 -1.54 0.00 N | 69.00 -1.49 0.00 N | 78.72 -1.59 0.00 N | 83.81 -1.25 -0.90 N | 286.75 -3.13 0.00 N | 127.98 -1.56 -3.00 N | 63.57 -1.00 -1.80 N | 75.30 -1.46 -0.12 N | 75.26 -1.62 0.00 N | 68.97 -1.72 0.00 N | 96.13 -2.55 0.00 N |
| LOVETT____3 23632 | 87.33 2.18 0.00 N | 60.43 1.47 0.00 N | 72.22 1.46 0.00 N | 57.07 1.31 0.00 N | 93.88 1.91 0.00 N | 69.04 2.41 0.00 N | 108.55 5.12 0.38 N | 89.29 4.28 -2.55 N | 89.58 3.53 -20.46 N | 95.48 2.78 -46.14 N | 163.39 1.50 -135.13 N | 84.37 3.30 -19.84 N | 82.38 4.15 -1.52 N | 80.62 3.94 0.00 N | 73.85 3.36 0.00 N | 84.14 3.83 0.00 N | 100.83 4.77 -11.89 N | 306.76 16.89 0.00 N | 174.13 8.00 -39.60 N | 90.64 4.12 -23.75 N | 82.86 4.68 -1.54 N | 81.03 4.15 0.00 N | 73.84 3.21 0.05 N | 102.39 3.71 0.00 N |
| LOVETT____4 23642 | 88.21 3.07 0.00 N | 61.00 2.04 0.00 N | 72.92 2.17 0.00 N | 57.62 1.85 0.00 N | 94.79 2.82 0.00 N | 69.72 3.09 0.00 N | 109.68 6.25 0.38 N | 90.22 5.21 -2.55 N | 90.33 4.28 -20.46 N | 96.00 3.31 -46.14 N | 163.69 1.80 -135.13 N | 85.05 3.98 -19.84 N | 83.26 5.02 -1.52 N | 81.46 4.78 0.00 N | 74.63 4.14 0.00 N | 85.06 4.75 0.00 N | 101.80 5.74 -11.89 N | 310.32 20.44 0.00 N | 175.68 9.54 -39.60 N | 91.39 4.87 -23.75 N | 83.77 5.60 -1.54 N | 81.92 5.03 0.00 N | 74.62 3.99 0.05 N | 103.46 4.78 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 | 88.21 | 61.00 | 72.92 | 57.62 | 94.79 | 69.72 | 109.68 | 90.22 | 90.33 | 96.00 | 163.69 | 85.05 | 83.26 | 81.46 | 74.63 | 85.06 | 101.80 | 310.32 | 175.68 | 91.39 | 83.77 | 81.92 | 74.62 | 103.46 | |
| 23593 | 3.07 | 2.04 | 2.17 | 1.85 | 2.82 | 3.09 | 6.25 | 5.21 | 4.28 | 3.31 | 1.80 | 3.98 | 5.02 | 4.78 | 4.14 | 4.75 | 5.74 | 20.44 | 9.54 | 4.87 | 5.60 | 5.03 | 3.99 | 4.78 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | -2.55 | -20.46 | -46.14 | -135.13 | -19.84 | -1.52 | 0.00 | 0.00 | 0.00 | -11.89 | 0.00 | -39.60 | -23.75 | -1.54 | 0.00 | 0.05 | 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 | |
| LOWER RAQUET___HYD | 86.48 | 59.74 | 71.71 | 56.50 | 93.22 | 67.32 | 103.30 | 81.03 | 63.83 | 45.13 | 26.10 | 60.45 | 75.43 | 76.40 | 70.36 | 79.81 | 82.22 | 280.60 | 122.06 | 60.74 | 75.07 | 76.43 | 70.92 | 99.66 | |
| 24057 | 1.33 | 0.78 | 0.95 | 0.73 | 1.25 | 0.69 | -0.51 | -1.44 | -1.76 | -1.42 | -0.66 | -0.79 | -1.30 | -0.28 | -0.13 | -0.49 | -1.94 | -9.28 | -4.47 | -2.03 | -1.57 | -0.45 | 0.23 | 0.97 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| LOWER___HUDSON | 88.05 | 60.99 | 73.10 | 57.79 | 95.34 | 69.33 | 109.31 | 90.58 | 96.53 | 110.17 | 206.22 | 90.94 | 83.10 | 80.79 | 74.08 | 84.63 | 104.91 | 306.52 | 186.77 | 97.91 | 83.06 | 80.87 | 73.99 | 102.79 | |
| 24059 | 2.90 | 2.03 | 2.35 | 2.02 | 3.37 | 2.70 | 5.50 | 4.75 | 4.01 | 2.89 | 1.62 | 3.63 | 4.38 | 4.11 | 3.59 | 4.32 | 5.09 | 16.65 | 8.12 | 3.86 | 4.40 | 3.98 | 3.30 | 4.11 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.36 | -26.93 | -60.73 | -177.85 | -26.08 | -2.00 | 0.00 | 0.00 | 0.00 | -15.65 | 0.00 | -52.12 | -31.27 | -2.02 | 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 | |
| LWR___OSWEGATCHIE_HYD | 84.99 | 58.71 | 70.46 | 55.50 | 91.67 | 66.45 | 102.84 | 81.34 | 64.28 | 45.48 | 26.21 | 60.45 | 75.51 | 76.16 | 70.05 | 79.65 | 82.87 | 284.57 | 123.88 | 61.39 | 75.42 | 76.25 | 70.34 | 98.45 | |
| 23850 | -0.16 | -0.26 | -0.30 | -0.27 | -0.30 | -0.19 | -0.97 | -1.12 | -1.31 | -1.08 | -0.54 | -0.78 | -1.22 | -0.52 | -0.44 | -0.66 | -1.30 | -5.31 | -2.65 | -1.39 | -1.21 | -0.63 | -0.35 | -0.23 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| MAPLE_RIDGE_WT_1 | 85.14 | 58.80 | 70.50 | 55.55 | 91.60 | 66.30 | 102.97 | 81.55 | 63.66 | 43.37 | 18.77 | 59.54 | 75.92 | 76.37 | 70.20 | 79.91 | 82.59 | 286.89 | 122.90 | 60.77 | 75.94 | 76.35 | 70.25 | 98.27 | |
| 323574 | -0.01 | -0.16 | -0.26 | -0.22 | -0.37 | -0.33 | -0.85 | -0.77 | -0.77 | -0.56 | -0.31 | -0.56 | -0.72 | -0.31 | -0.28 | -0.40 | -0.90 | -2.99 | -1.39 | -0.65 | -0.61 | -0.53 | -0.43 | -0.41 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 1.16 | 2.62 | 7.68 | 1.13 | 0.09 | 0.00 | 0.00 | 0.00 | 0.68 | 0.00 | 2.25 | 1.35 | 0.09 | 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 | |
| MG INDUSTRY___DRP | 87.25 | 60.48 | 72.58 | 57.30 | 94.43 | 68.62 | 107.15 | 88.93 | 94.65 | 108.15 | 202.63 | 89.31 | 81.56 | 79.33 | 72.90 | 83.17 | 102.92 | 301.05 | 183.11 | 96.15 | 81.74 | 79.71 | 72.88 | 101.36 | |
| 24185 | 2.10 | 1.52 | 1.82 | 1.53 | 2.47 | 1.98 | 3.63 | 3.17 | 2.59 | 1.91 | 1.07 | 2.41 | 2.87 | 2.65 | 2.41 | 2.86 | 3.37 | 11.18 | 5.35 | 2.65 | 3.11 | 2.83 | 2.24 | 2.68 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | -3.30 | -26.47 | -59.69 | -174.80 | -25.66 | -1.96 | 0.00 | 0.00 | 0.00 | -15.38 | 0.00 | -51.22 | -30.73 | -1.99 | 0.00 | 0.04 | 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 | |
| MID___OSWEGATCHIE_HYD | 84.99 | 58.71 | 70.46 | 55.50 | 91.67 | 66.45 | 102.84 | 81.34 | 64.28 | 45.48 | 26.21 | 60.45 | 75.51 | 76.16 | 70.05 | 79.65 | 82.87 | 284.57 | 123.88 | 61.39 | 75.42 | 76.25 | 70.34 | 98.45 | |
| 23849 | -0.16 | -0.26 | -0.30 | -0.27 | -0.30 | -0.19 | -0.97 | -1.12 | -1.31 | -1.08 | -0.54 | -0.78 | -1.22 | -0.52 | -0.44 | -0.66 | -1.30 | -5.31 | -2.65 | -1.39 | -1.21 | -0.63 | -0.35 | -0.23 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| MID___RAQUETTE_HYD | 86.48 | 59.74 | 71.71 | 56.50 | 93.22 | 67.32 | 103.30 | 81.03 | 63.83 | 45.13 | 26.10 | 60.45 | 75.43 | 76.40 | 70.36 | 79.81 | 82.22 | 280.60 | 122.06 | 60.74 | 75.07 | 76.43 | 70.92 | 99.66 | |
| 23851 | 1.33 | 0.78 | 0.95 | 0.73 | 1.25 | 0.69 | -0.51 | -1.44 | -1.76 | -1.42 | -0.66 | -0.79 | -1.30 | -0.28 | -0.13 | -0.49 | -1.94 | -9.28 | -4.47 | -2.03 | -1.57 | -0.45 | 0.23 | 0.97 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| MILLIKEN___1 | 76.98 | 53.18 | 63.78 | 50.15 | 82.93 | 60.59 | 94.84 | 76.96 | 64.43 | 51.09 | 47.87 | 60.06 | 71.33 | 70.97 | 65.09 | 74.44 | 80.85 | 274.33 | 126.10 | 62.68 | 71.39 | 70.78 | 64.55 | 89.80 | |
| 23584 | -8.17 | -5.78 | -6.97 | -5.62 | -9.04 | -6.05 | -8.50 | -5.93 | -4.65 | -3.32 | -1.93 | -4.55 | -5.65 | -5.71 | -5.39 | -5.86 | -5.34 | -15.55 | -7.19 | -4.15 | -5.51 | -6.10 | -6.06 | -8.89 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | -0.43 | -3.49 | -7.86 | -23.03 | -3.38 | -0.26 | 0.00 | 0.00 | 0.00 | -2.03 | 0.00 | -6.75 | -4.05 | -0.26 | 0.00 | 0.07 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| MILLIKEN___2 | 76.98 | 53.18 | 63.78 | 50.15 | 82.93 | 60.59 | 94.84 | 76.96 | 64.43 | 51.09 | 47.87 | 60.06 | 71.33 | 70.97 | 65.09 | 74.44 | 80.85 | 274.33 | 126.10 | 62.68 | 71.39 | 70.78 | 64.55 | 89.80 | |
| 23585 | -8.17 | -5.78 | -6.97 | -5.62 | -9.04 | -6.05 | -8.50 | -5.93 | -4.65 | -3.32 | -1.93 | -4.55 | -5.65 | -5.71 | -5.39 | -5.86 | -5.34 | -15.55 | -7.19 | -4.15 | -5.51 | -6.10 | -6.06 | -8.89 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | -0.43 | -3.49 | -7.86 | -23.03 | -3.38 | -0.26 | 0.00 | 0.00 | 0.00 | -2.03 | 0.00 | -6.75 | -4.05 | -0.26 | 0.00 | 0.07 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| MILLIKEN___DIESEL | 76.98 | 53.18 | 63.78 | 50.15 | 82.93 | 60.59 | 94.84 | 76.96 | 64.43 | 51.09 | 47.87 | 60.06 | 71.33 | 70.97 | 65.09 | 74.44 | 80.85 | 274.33 | 126.10 | 62.68 | 71.39 | 70.78 | 64.55 | 89.80 | |
| 23629 | -8.17 | -5.78 | -6.97 | -5.62 | -9.04 | -6.05 | -8.50 | -5.93 | -4.65 | -3.32 | -1.93 | -4.55 | -5.65 | -5.71 | -5.39 | -5.86 | -5.34 | -15.55 | -7.19 | -4.15 | -5.51 | -6.10 | -6.06 | -8.89 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | -0.43 | -3.49 | -7.86 | -23.03 | -3.38 | -0.26 | 0.00 | 0.00 | 0.00 | -2.03 | 0.00 | -6.75 | -4.05 | -0.26 | 0.00 | 0.07 | 0.00 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| MODEL_CITY_ENERGY | 74.58 | 51.67 | 62.02 | 48.40 | 79.94 | 57.14 | 62.67 | 70.05 | 59.28 | 46.82 | 43.42 | 55.10 | 65.95 | 65.93 | 60.48 | 69.67 | 75.08 | 256.65 | 116.89 | 57.74 | 65.82 | 65.93 | 57.72 | 86.30 | |
| 24167 | -10.56 | -7.29 | -8.74 | -7.37 | -12.02 | -9.50 | -16.68 | -12.31 | -9.41 | -6.72 | -3.81 | -9.13 | -11.00 | -10.75 | -10.01 | -10.63 | -10.87 | -33.23 | -15.57 | -8.59 | -11.05 | -10.90 | -9.53 | -12.38 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.46 | 0.10 | -3.10 | -6.99 | -20.47 | -3.00 | -0.23 | 0.00 | 0.00 | 0.00 | -1.78 | 0.00 | -5.92 | -3.55 | -0.23 | 0.05 | 3.44 | 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 | |
| MOHAWK_PAPER___DRP | 88.75 | 61.47 | 73.70 | 58.22 | 96.03 | 69.85 | 110.08 | 91.27 | 97.25 | 111.04 | 207.93 | 91.56 | 83.66 | 81.34 | 74.62 | 85.23 | 105.70 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|----------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|
| 23641 | 3.95 0.00 N | 2.60 0.00 N | 2.98 0.00 N | 2.41 0.00 N | 3.94 0.00 N | 3.72 0.00 N | 7.37 0.38 N | 6.29 -2.39 N | 5.45 -19.22 N | 4.09 -43.34 N | 2.22 -126.94 N | 5.00 -18.64 N | 6.28 -1.43 N | 6.03 0.00 N | 5.31 0.00 N | 6.13 0.00 N | 7.27 -11.17 N | 26.41 0.00 N | 12.02 -37.20 N | 5.92 -22.32 N | 7.26 -1.44 N | 6.94 0.00 N | 5.66 0.05 N | 7.10 0.00 N |
| MONTAUK____DIESEL 23721 | 94.11 8.97 0.00 N | 75.47 6.49 -10.02 N | 81.79 7.59 -3.44 N | 67.10 6.18 -5.15 N | 107.57 9.96 -5.64 N | 89.28 7.85 -14.80 N | 118.41 12.95 -1.65 N | 94.68 9.59 -2.62 N | 94.57 7.90 -21.08 N | 100.11 6.02 -47.54 N | 169.51 3.53 -139.23 N | 89.74 8.07 -20.44 N | 88.84 10.55 -1.56 N | 87.07 10.39 0.00 N | 84.88 9.76 -4.63 N | 90.93 10.62 0.00 N | 110.39 12.66 -13.56 N | 330.68 40.80 0.00 N | 184.75 17.42 -40.80 N | 96.12 8.87 -24.47 N | 88.75 10.53 -1.59 N | 87.10 9.99 -0.23 N | 89.82 8.82 -10.32 N | 109.14 10.45 0.00 N |
| N SALMON____HYD 24042 | 85.81 0.67 0.00 N | 59.33 0.37 0.00 N | 71.23 0.48 0.00 N | 56.19 0.42 0.00 N | 92.58 0.62 0.00 N | 66.82 0.18 0.00 N | 103.07 -0.74 0.00 N | 81.28 -1.19 0.00 N | 64.40 -1.19 0.00 N | 45.56 -1.00 0.00 N | 26.24 -0.51 0.00 N | 60.38 -0.85 0.00 N | 75.48 -1.24 0.00 N | 75.94 -0.74 0.00 N | 69.90 -0.58 0.00 N | 79.36 -0.94 0.00 N | 82.46 -1.71 0.00 N | 282.34 -7.54 0.00 N | 123.02 -3.51 0.00 N | 61.26 -1.52 0.00 N | 75.21 -1.43 0.00 N | 75.96 -0.93 0.00 N | 70.28 -0.40 0.00 N | 98.72 0.04 0.00 N |
| N.E._GEN_SANDY PD 24062 | 88.59 3.45 0.00 N | 61.34 2.38 0.00 N | 60.00 2.10 -8.45 N | 63.00 2.03 -17.67 N | 59.00 2.24 -5.00 N | 69.74 3.10 0.00 N | 109.49 6.00 0.32 N | 90.60 5.01 -3.12 N | 94.84 4.22 -25.03 N | 106.06 3.05 -56.45 N | 193.79 1.70 -165.33 N | 89.37 3.86 -24.27 N | 83.30 4.72 -1.86 N | 81.15 4.47 0.00 N | 74.38 3.89 0.00 N | 84.91 4.60 0.00 N | 104.06 5.34 -14.55 N | 307.03 17.15 0.00 N | 183.38 8.40 -48.44 N | 95.97 4.14 -29.06 N | 83.28 4.76 -1.88 N | 81.28 4.39 0.00 N | 74.39 3.75 0.05 N | 103.46 4.78 0.00 N |
| NARROWS_GT1_1 24228 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_2 24229 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_3 24230 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_4 24231 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_5 24232 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_6 24233 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_7 24234 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT1_8 24235 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_1 24236 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_2 24237 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |

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|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-----------------------------|
| NARROWS_GT2_3 24238 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_4 24239 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_5 24240 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_6 24241 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_7 24242 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NARROWS_GT2_8 24243 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 88.09 2.94 0.00 N | 60.99 2.03 0.00 N | 73.10 2.34 0.00 N | 57.78 2.02 0.00 N | 95.37 3.40 0.00 N | 69.45 2.81 0.00 N | 109.73 5.92 0.00 N | 91.00 5.17 -3.38 N | 96.99 4.35 -27.05 N | 110.67 3.12 -61.00 N | 207.12 1.74 -178.62 N | 91.34 3.92 -26.19 N | 83.43 4.70 -2.00 N | 81.11 4.43 0.00 N | 74.38 3.90 0.00 N | 84.97 4.67 0.00 N | 105.49 5.60 -15.72 N | 308.49 18.61 0.00 N | 187.88 9.00 -52.34 N | 98.44 4.26 -31.40 N | 83.48 4.81 -2.03 N | 81.18 4.30 0.00 N | 74.19 3.51 0.00 N | 102.96 4.28 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 78.44 -6.71 0.00 N | 54.32 -4.64 0.00 N | 65.11 -5.64 0.00 N | 51.12 -4.65 0.00 N | 84.44 -7.53 0.00 N | 61.03 -5.61 0.00 N | 96.64 -9.00 -1.83 N | 76.36 -6.43 -0.33 N | 63.03 -4.92 -2.37 N | 48.41 -3.48 -5.33 N | 40.43 -1.94 -15.61 N | 58.90 -4.62 -2.29 N | 71.25 -5.65 -0.18 N | 71.10 -5.58 0.00 N | 65.25 -5.24 0.00 N | 74.65 -5.65 0.00 N | 80.04 -5.50 -1.37 N | 273.65 -16.23 0.00 N | 123.47 -7.65 -4.57 N | 61.18 -4.34 -2.75 N | 71.10 -5.71 -0.18 N | 70.97 -5.92 0.00 N | 65.46 -5.48 -0.26 N | 91.11 -7.58 0.00 N |
| NEG CENTRAL___DRP 24199 | 80.21 -4.93 0.00 N | 55.48 -3.49 0.00 N | 66.55 -4.20 0.00 N | 52.35 -3.41 0.00 N | 86.44 -5.53 0.00 N | 62.87 -3.77 0.00 N | 98.95 -5.42 -0.56 N | 79.15 -3.64 -0.33 N | 65.36 -2.83 -2.60 N | 50.44 -1.97 -5.86 N | 42.80 -1.11 -17.15 N | 61.00 -2.75 -2.52 N | 73.51 -3.40 -0.19 N | 73.15 -3.53 0.00 N | 67.12 -3.37 0.00 N | 76.78 -3.53 0.00 N | 82.62 -3.06 -1.51 N | 281.66 -8.22 0.00 N | 127.51 -4.05 -5.02 N | 63.25 -2.54 -3.01 N | 73.36 -3.47 -0.19 N | 73.03 -3.85 0.00 N | 67.03 -3.73 -0.07 N | 93.37 -5.32 0.00 N |
| NEG CENTRAL___INDECK 23768 | 79.92 -5.23 0.00 N | 55.16 -3.80 0.00 N | 66.21 -4.55 0.00 N | 51.86 -3.91 0.00 N | 85.75 -6.22 0.00 N | 62.20 -4.43 0.00 N | 98.32 -6.70 -1.21 N | 78.87 -4.06 -0.47 N | 66.19 -2.96 -3.57 N | 52.45 -2.14 -8.04 N | 49.06 -1.24 -23.55 N | 61.50 -3.19 -3.46 N | 73.39 -3.60 -0.27 N | 73.02 -3.66 0.00 N | 66.88 -3.61 0.00 N | 76.77 -3.53 0.00 N | 83.33 -2.90 -2.07 N | 284.57 -5.31 0.00 N | 130.14 -3.30 -6.90 N | 64.32 -2.59 -4.14 N | 73.15 -3.75 -0.27 N | 72.63 -4.26 0.00 N | 66.74 -4.11 -0.17 N | 93.21 -5.48 0.00 N |
| NEG CENTRAL___SENECA 23627 | 78.92 -6.22 0.00 N | 54.57 -4.39 0.00 N | 65.45 -5.30 0.00 N | 51.47 -4.30 0.00 N | 84.95 -7.01 0.00 N | 61.84 -4.80 0.00 N | 97.45 -7.04 -0.68 N | 78.02 -4.82 -0.38 N | 64.78 -3.72 -2.91 N | 50.52 -2.59 -6.55 N | 44.51 -1.44 -19.20 N | 60.46 -3.59 -2.82 N | 72.47 -4.47 -0.22 N | 72.03 -4.65 0.00 N | 66.07 -4.42 0.00 N | 75.70 -4.61 0.00 N | 81.77 -4.09 -1.69 N | 278.57 -11.31 0.00 N | 126.59 -5.57 -5.62 N | 62.74 -3.41 -3.37 N | 72.25 -4.61 -0.22 N | 71.81 -5.08 0.00 N | 65.94 -4.84 -0.09 N | 91.89 -6.79 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 80.42 -4.73 0.00 N | 55.58 -3.38 0.00 N | 66.67 -4.09 0.00 N | 52.42 -3.34 0.00 N | 86.63 -5.34 0.00 N | 63.07 -3.56 0.00 N | 99.36 -4.83 -0.38 N | 79.68 -3.10 -0.32 N | 65.74 -2.37 -2.52 N | 50.54 -1.69 -5.68 N | 42.41 -0.98 -16.64 N | 61.28 -2.39 -2.44 N | 74.02 -2.89 -0.19 N | 73.73 -2.95 0.00 N | 67.63 -2.85 0.00 N | 77.32 -2.99 0.00 N | 83.20 -2.43 -1.46 N | 284.10 -5.78 0.00 N | 128.47 -2.94 -4.87 N | 63.71 -1.99 -2.92 N | 74.00 -2.83 -0.19 N | 73.60 -3.29 0.00 N | 67.36 -3.38 -0.05 N | 93.73 -4.95 0.00 N |
| NEG MILLWOOD___DRP 24198 | 89.83 4.68 0.00 N | 62.10 3.14 0.00 N | 74.39 3.64 0.00 N | 58.76 2.99 0.00 N | 96.75 4.79 0.00 N | 71.05 4.41 0.00 N | 111.90 8.44 0.35 N | 92.22 7.06 -2.69 N | 92.91 5.73 -21.58 N | 99.52 4.29 -48.68 N | 171.62 2.33 -142.53 N | 87.40 5.28 -20.89 N | 84.95 6.63 -1.60 N | 83.06 6.38 0.00 N | 76.11 5.62 0.00 N | 86.79 6.48 0.00 N | 104.34 7.63 -12.55 N | 316.95 27.08 0.00 N | 180.70 12.39 -41.77 N | 94.04 6.21 -25.06 N | 85.50 7.24 -1.62 N | 83.56 6.68 0.00 N | 76.13 5.49 0.05 N | 105.46 6.78 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 84.60 -0.54 0.00 N | 58.48 -0.49 0.00 N | 70.18 -0.57 0.00 N | 55.51 -0.25 0.00 N | 91.37 -0.60 0.00 N | 65.89 -0.74 0.00 N | 102.24 -1.58 0.00 N | 80.73 -1.74 0.00 N | 64.08 -1.52 0.00 N | 45.35 -1.20 0.00 N | 26.11 -0.65 0.00 N | 59.91 -1.33 0.00 N | 74.97 -1.75 0.00 N | 75.15 -1.53 0.00 N | 69.09 -1.40 0.00 N | 78.59 -1.72 0.00 N | 82.03 -2.14 0.00 N | 280.74 -9.13 0.00 N | 122.60 -3.94 0.00 N | 61.01 -1.76 0.00 N | 74.62 -2.01 0.00 N | 75.13 -1.76 0.00 N | 69.38 -1.30 0.00 N | 97.30 -1.38 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 |
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| NEG NORTH_KES_CHATEGAY 23792 | 85.37 0.23 0.00 N | 59.03 0.07 0.00 N | 70.85 0.09 0.00 N | 55.94 0.17 0.00 N | 92.12 0.15 0.00 N | 66.45 -0.19 0.00 N | 102.72 -1.09 0.00 N | 81.04 -1.42 0.00 N | 64.32 -1.27 0.00 N | 45.54 -1.01 0.00 N | 26.23 -0.53 0.00 N | 60.20 -1.03 0.00 N | 75.33 -1.39 0.00 N | 75.61 -1.07 0.00 N | 69.57 -0.91 0.00 N | 79.03 -1.27 0.00 N | 82.31 -1.86 0.00 N | 281.95 -7.93 0.00 N | 122.90 -3.64 0.00 N | 61.23 -1.54 0.00 N | 75.00 -1.63 0.00 N | 75.59 -1.30 0.00 N | 69.88 -0.81 0.00 N | 98.14 -0.54 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 85.28 0.13 0.00 N | 58.96 0.00 0.00 N | 70.76 0.00 0.00 N | 55.94 0.18 0.00 N | 92.11 0.14 0.00 N | 66.46 -0.17 0.00 N | 103.07 -0.74 0.00 N | 81.41 -1.05 0.00 N | 64.62 -0.97 0.00 N | 45.73 -0.82 0.00 N | 26.34 -0.42 0.00 N | 60.39 -0.84 0.00 N | 75.56 -1.16 0.00 N | 75.75 -0.93 0.00 N | 69.67 -0.82 0.00 N | 79.23 -1.08 0.00 N | 82.69 -1.47 0.00 N | 283.08 -6.80 0.00 N | 123.57 -2.97 0.00 N | 61.51 -1.27 0.00 N | 75.23 -1.41 0.00 N | 75.73 -1.15 0.00 N | 69.94 -0.74 0.00 N | 98.09 -0.59 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 85.28 0.13 0.00 N | 58.96 0.00 0.00 N | 70.76 0.00 0.00 N | 55.94 0.18 0.00 N | 92.11 0.14 0.00 N | 66.46 -0.17 0.00 N | 103.07 -0.74 0.00 N | 81.41 -1.05 0.00 N | 64.62 -0.97 0.00 N | 45.73 -0.82 0.00 N | 26.34 -0.42 0.00 N | 60.39 -0.84 0.00 N | 75.56 -1.16 0.00 N | 75.75 -0.93 0.00 N | 69.67 -0.82 0.00 N | 79.23 -1.08 0.00 N | 82.69 -1.47 0.00 N | 283.08 -6.80 0.00 N | 123.57 -2.97 0.00 N | 61.51 -1.27 0.00 N | 75.23 -1.41 0.00 N | 75.73 -1.15 0.00 N | 69.94 -0.74 0.00 N | 98.09 -0.59 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 85.28 0.13 0.00 N | 58.96 0.00 0.00 N | 70.76 0.00 0.00 N | 55.94 0.18 0.00 N | 92.11 0.14 0.00 N | 66.46 -0.17 0.00 N | 103.07 -0.74 0.00 N | 81.41 -1.05 0.00 N | 64.62 -0.97 0.00 N | 45.73 -0.82 0.00 N | 26.34 -0.42 0.00 N | 60.39 -0.84 0.00 N | 75.56 -1.16 0.00 N | 75.75 -0.93 0.00 N | 69.67 -0.82 0.00 N | 79.23 -1.08 0.00 N | 82.69 -1.47 0.00 N | 283.08 -6.80 0.00 N | 123.57 -2.97 0.00 N | 61.51 -1.27 0.00 N | 75.23 -1.41 0.00 N | 75.73 -1.15 0.00 N | 69.94 -0.74 0.00 N | 98.09 -0.59 0.00 N | |
| NEG WEST_LEA_LOCKPORT 23791 | 74.51 -10.63 0.00 N | 51.58 -7.38 0.00 N | 61.92 -8.83 0.00 N | 48.33 -7.44 0.00 N | 79.87 -12.10 0.00 N | 57.14 -9.49 0.00 N | 62.50 -16.53 0.00 N | 70.17 -12.18 0.12 N | 59.31 -9.34 -3.06 N | 46.78 -6.67 -6.90 N | 43.19 -3.78 -20.22 N | 55.13 -9.07 -2.97 N | 66.08 -10.87 -0.23 N | 66.01 -10.67 0.00 N | 60.52 -9.96 0.00 N | 69.70 -10.61 0.00 N | 75.11 -10.81 -1.76 N | 256.75 -33.13 0.00 N | 116.89 -15.51 -5.87 N | 57.76 -8.52 -3.51 N | 65.87 -11.00 -0.23 N | 65.96 -10.88 0.05 N | 57.68 -9.52 3.48 N | 86.24 -12.43 0.00 N | |
| NEG WEST___LANCASTR 23811 | 74.80 -10.35 0.00 N | 51.42 -7.54 0.00 N | 61.87 -8.88 0.00 N | 48.33 -7.44 0.00 N | 79.91 -12.05 0.00 N | 57.94 -8.70 0.00 N | 69.72 -13.49 20.60 N | 73.05 -9.47 -0.06 N | 61.99 -7.36 -3.76 N | 49.75 -5.28 -8.48 N | 48.44 -3.14 -24.83 N | 57.22 -7.66 -3.65 N | 68.10 -8.91 -0.28 N | 67.66 -9.02 0.00 N | 61.85 -8.63 0.00 N | 71.21 -9.10 0.00 N | 77.52 -8.80 -2.16 N | 265.10 -24.78 0.00 N | 121.74 -11.99 -7.20 N | 60.03 -7.06 -4.32 N | 67.66 -9.26 -0.28 N | 67.06 -9.78 0.04 N | 58.84 -8.95 2.90 N | 87.23 -11.46 0.00 N | |
| NEG_PENN_ALLEGHNY 23528 | 82.85 -2.30 0.00 N | 57.24 -1.72 0.00 N | 68.76 -2.00 0.00 N | 54.09 -1.68 0.00 N | 89.28 -2.69 0.00 N | 65.04 -1.59 0.00 N | 100.23 -1.37 0.00 N | 82.93 -0.35 -0.82 N | 72.15 -0.34 -6.90 N | 61.85 -0.26 -15.55 N | 72.06 -0.26 -45.55 N | 67.15 -0.77 -6.69 N | 76.50 -0.73 -0.51 N | 75.71 -0.97 0.00 N | 69.44 -1.04 0.00 N | 79.44 -0.87 0.00 N | 87.93 -0.24 -4.01 N | 291.48 1.61 0.00 N | 140.13 0.24 -13.35 N | 70.36 -0.42 -8.01 N | 76.35 -0.80 -0.52 N | 75.55 -1.33 0.00 N | 68.84 -1.53 0.31 N | 96.66 -2.03 0.00 N | |
| NEG___GEN_MONROE 24207 | 78.69 -6.46 0.00 N | 54.46 -4.51 0.00 N | 65.29 -5.46 0.00 N | 51.15 -4.62 0.00 N | 84.55 -7.42 0.00 N | 61.03 -5.61 0.00 N | 95.47 -9.22 0.00 N | 76.51 -6.33 -0.38 N | 63.47 -4.72 -2.60 N | 49.05 -3.36 -5.86 N | 42.04 -1.87 -17.15 N | 59.19 -4.56 -2.52 N | 71.49 -5.42 -0.19 N | 71.34 -5.34 0.00 N | 65.42 -5.07 0.00 N | 75.05 -5.26 0.00 N | 80.72 -4.95 -1.51 N | 276.69 -13.19 0.00 N | 125.02 -6.54 -5.02 N | 61.74 -4.05 -3.01 N | 71.34 -5.49 -0.19 N | 71.14 -5.74 0.00 N | 65.46 -5.32 -0.09 N | 91.49 -7.19 0.00 N | |
| NEPA___ENERGY 23901 | 73.53 -11.62 0.00 N | 50.28 -8.68 0.00 N | 60.67 -10.09 0.00 N | 47.42 -8.35 0.00 N | 78.43 -13.54 0.00 N | 57.54 -9.09 0.00 N | 74.08 -12.63 0.00 N | 73.88 -8.77 -0.18 N | 62.75 -7.07 -4.22 N | 51.00 -5.08 -9.53 N | 51.48 -3.17 -27.90 N | 57.57 -7.75 -4.10 N | 68.05 -8.99 -0.31 N | 67.32 -9.36 0.00 N | 61.41 -9.08 0.00 N | 70.76 -9.54 0.00 N | 77.57 -9.03 -2.43 N | 264.89 -24.99 0.00 N | 122.45 -12.19 -8.10 N | 60.39 -7.25 -4.86 N | 67.48 -9.47 -0.31 N | 66.36 -10.49 0.03 N | 58.46 -9.82 2.40 N | 86.21 -12.47 0.00 N | |
| NEVERSINK___HYD 23608 | 88.00 2.86 0.00 N | 60.86 1.89 0.00 N | 72.94 2.19 0.00 N | 57.53 1.77 0.00 N | 94.82 2.85 0.00 N | 69.32 2.69 0.00 N | 108.68 5.28 0.41 N | 89.06 4.53 -2.07 N | 85.97 3.72 -16.66 N | 86.93 2.80 -37.58 N | 138.32 1.51 -110.05 N | 80.78 3.39 -16.16 N | 82.24 4.28 -1.24 N | 80.74 4.06 0.00 N | 74.06 3.58 0.00 N | 84.45 4.14 0.00 N | 98.80 4.95 -9.68 N | 307.75 17.87 0.00 N | 166.89 8.10 -32.25 N | 86.09 3.97 -19.35 N | 82.52 4.63 -1.25 N | 81.09 4.21 0.00 N | 74.00 3.37 0.06 N | 102.87 4.19 0.00 N | |
| NEWTON___FALLS_HYD 23847 | 84.99 -0.16 0.00 N | 58.71 -0.26 0.00 N | 70.46 -0.30 0.00 N | 55.50 -0.27 0.00 N | 91.67 -0.30 0.00 N | 66.45 -0.19 0.00 N | 102.84 -0.97 0.00 N | 81.34 -1.12 0.00 N | 64.28 -1.31 0.00 N | 45.48 -1.08 0.00 N | 26.21 -0.54 0.00 N | 60.45 -0.78 0.00 N | 75.51 -1.22 0.00 N | 76.16 -0.52 0.00 N | 70.05 -0.44 0.00 N | 79.65 -0.66 0.00 N | 82.87 -1.30 0.00 N | 284.57 -5.31 0.00 N | 123.88 -2.65 0.00 N | 61.39 -1.39 0.00 N | 75.42 -1.21 0.00 N | 76.25 -0.63 0.00 N | 70.34 -0.35 0.00 N | 98.45 -0.23 0.00 N | |
| NIAGARA___ 23760 | 74.24 -10.91 0.00 N | 51.48 -7.48 0.00 N | 61.79 -8.96 0.00 N | 48.22 -7.54 0.00 N | 79.66 -12.31 0.00 N | 56.83 -9.81 0.00 N | 61.73 -17.36 0.00 N | 69.40 -12.94 0.12 N | 58.71 -9.90 -3.02 N | 46.29 -7.08 -6.82 N | 42.72 -4.00 -19.96 N | 54.62 -9.54 -2.93 N | 65.49 -11.46 -0.22 N | 65.47 -11.21 0.00 N | 60.04 -10.45 0.00 N | 69.11 -11.20 0.00 N | 74.43 -11.47 -1.73 N | 254.21 -35.67 0.00 N | 115.74 -16.58 -5.77 N | 57.17 -9.07 -3.46 N | 65.26 -11.60 -0.22 N | 65.43 -11.40 0.05 N | 57.28 -9.92 3.48 N | 85.79 -12.89 0.00 N | |
| NINE_MILE_1 23575 | 81.80 -3.34 0.00 N | 56.64 -2.32 0.00 N | 67.95 -2.80 0.00 N | 53.51 -2.25 0.00 N | 88.30 -3.67 0.00 N | 64.01 -2.62 0.00 N | 99.88 -3.93 0.00 N | 79.70 -2.92 -0.16 N | 64.52 -2.36 -1.28 N | 47.79 -1.65 -2.88 N | 34.26 -0.94 -8.45 N | 60.25 -2.22 -1.24 N | 74.05 -2.76 -0.09 N | 73.92 -2.76 0.00 N | 67.91 -2.57 0.00 N | 77.45 -2.86 0.00 N | 82.14 -2.77 -0.74 N | 281.02 -8.86 0.00 N | 125.02 -3.99 -2.47 N | 62.14 -2.12 -1.49 N | 73.99 -2.75 -0.10 N | 74.10 -2.78 0.00 N | 68.06 -2.62 0.00 N | 94.98 -3.70 0.00 N | |
| NINE_MILE_2 | 81.83 | 56.64 | 67.98 | 53.53 | 88.32 | 64.01 | 99.89 | 79.72 | 64.52 | 47.79 | 34.26 | 60.26 | 74.07 | 73.93 | 67.92 | 77.48 | 82.14 | 281.03 | 125.04 | 62.14 | 74.00 | 74.10 | 68.09 | 95.00 | |

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| 23744 | -3.32 0.00 N | -2.32 0.00 N | -2.78 0.00 N | -2.24 0.00 N | -3.65 0.00 N | -2.62 0.00 N | -3.93 0.00 N | -2.90 -0.16 N | -2.35 -1.28 N | -1.65 -2.88 N | -0.94 -8.45 N | -2.21 -1.24 N | -2.74 -0.09 N | -2.75 0.00 N | -2.57 0.00 N | -2.83 0.00 N | -2.77 -0.74 N | -8.85 0.00 N | -3.98 -2.47 N | -2.12 -1.29 N | -2.74 -0.10 N | -2.78 0.00 N | -2.60 0.00 N | -3.69 0.00 N |
| NM_CAPITAL___DRP 24208 | 88.45 3.31 0.00 N | 61.29 2.33 0.00 N | 73.49 2.74 0.00 N | 58.05 2.29 0.00 N | 95.73 3.76 0.00 N | 69.62 2.99 0.00 N | 109.62 5.81 0.00 N | 90.81 4.98 -3.36 N | 96.67 4.15 -26.93 N | 110.28 2.99 -60.73 N | 206.15 1.63 -177.76 N | 90.81 3.66 -25.93 N | 83.17 4.47 -1.98 N | 80.88 4.20 0.00 N | 74.21 3.73 0.00 N | 84.77 4.46 0.00 N | 105.07 5.25 -15.65 N | 307.45 17.57 0.00 N | 186.99 8.33 -52.12 N | 98.07 4.03 -31.27 N | 83.36 4.70 -2.02 N | 81.18 4.29 0.00 N | 74.25 3.57 0.00 N | 103.19 4.51 0.00 N |
| NM_CENTRAL___DRP 24181 | 82.72 -2.43 0.00 N | 57.24 -1.72 0.00 N | 68.69 -2.07 0.00 N | 54.06 -1.71 0.00 N | 89.23 -2.74 0.00 N | 64.80 -1.83 0.00 N | 101.38 -2.43 0.00 N | 81.17 -1.50 -0.20 N | 66.02 -1.21 -1.63 N | 49.37 -0.86 -3.67 N | 37.01 -0.49 -10.75 N | 61.61 -1.20 -1.58 N | 75.40 -1.45 -0.12 N | 75.18 -1.50 0.00 N | 69.04 -1.44 0.00 N | 78.80 -1.51 0.00 N | 83.93 -1.18 -0.95 N | 287.24 -2.64 0.00 N | 128.29 -1.40 -3.15 N | 63.68 -0.98 -1.89 N | 75.33 -1.43 -0.12 N | 75.22 -1.67 0.00 N | 68.99 -1.69 0.00 N | 96.12 -2.56 0.00 N |
| NM_FRONTIER___DRP 24179 | 74.77 -10.38 0.00 N | 51.84 -7.13 0.00 N | 62.21 -8.55 0.00 N | 48.52 -7.24 0.00 N | 80.19 -11.78 0.00 N | 57.21 -9.43 0.00 N | 62.58 -16.77 24.46 N | 69.98 -12.38 0.10 N | 59.26 -9.43 -3.10 N | 46.80 -6.74 -6.99 N | 43.41 -3.81 -20.47 N | 55.12 -9.11 -3.01 N | 66.04 -10.91 -0.23 N | 66.03 -10.65 0.00 N | 60.56 -9.93 0.00 N | 69.72 -10.59 0.00 N | 75.10 -10.84 -1.78 N | 256.83 -33.05 0.00 N | 117.00 -15.46 -5.92 N | 57.77 -8.56 -3.55 N | 65.83 -11.04 -0.23 N | 66.01 -10.83 0.05 N | 57.82 -9.42 3.44 N | 86.46 -12.22 0.00 N |
| NM_ST_REGIS___HYD 24053 | 86.51 1.36 0.00 N | 59.79 0.82 0.00 N | 71.75 1.00 0.00 N | 56.56 0.79 0.00 N | 93.30 1.33 0.00 N | 67.36 0.72 0.00 N | 103.50 -0.31 0.00 N | 81.27 -1.19 0.00 N | 64.11 -1.49 0.00 N | 45.31 -1.24 0.00 N | 26.18 -0.58 0.00 N | 60.54 -0.70 0.00 N | 75.57 -1.16 0.00 N | 76.44 -0.23 0.00 N | 70.38 -0.11 0.00 N | 79.86 -0.45 0.00 N | 82.42 -1.75 0.00 N | 281.54 -8.33 0.00 N | 122.54 -3.99 0.00 N | 60.98 -1.80 0.00 N | 75.26 -1.38 0.00 N | 76.48 -0.40 0.00 N | 70.92 0.23 0.00 N | 99.66 0.98 0.00 N |
| NORTHPORT___1 23551 | 90.52 5.37 0.00 N | 73.18 4.20 -10.02 N | 79.09 4.89 -3.44 N | 65.00 4.08 -5.15 N | 103.89 6.28 -5.64 N | 86.74 5.31 -14.80 N | 114.25 8.80 -1.65 N | 91.32 6.23 -2.62 N | 91.77 5.10 -21.08 N | 98.12 4.03 -47.54 N | 168.36 2.38 -139.23 N | 87.20 5.53 -20.44 N | 85.64 7.35 -1.56 N | 83.97 7.29 0.00 N | 82.06 6.94 -4.63 N | 87.49 7.19 0.00 N | 106.35 8.63 -13.56 N | 315.44 25.56 0.00 N | 178.35 11.01 -40.80 N | 93.08 5.83 -24.47 N | 85.14 6.92 -1.59 N | 83.69 6.58 -0.23 N | 86.78 5.78 -10.32 N | 104.93 6.25 0.00 N |
| NORTHPORT___2 23552 | 90.52 5.37 0.00 N | 73.18 4.20 -10.02 N | 79.09 4.89 -3.44 N | 65.00 4.08 -5.15 N | 103.89 6.28 -5.64 N | 86.74 5.31 -14.80 N | 114.25 8.80 -1.65 N | 91.32 6.23 -2.62 N | 91.77 5.10 -21.08 N | 98.12 4.03 -47.54 N | 168.36 2.38 -139.23 N | 87.20 5.53 -20.44 N | 85.64 7.35 -1.56 N | 83.97 7.29 0.00 N | 82.06 6.94 -4.63 N | 87.49 7.19 0.00 N | 106.35 8.63 -13.56 N | 315.44 25.56 0.00 N | 178.35 11.01 -40.80 N | 93.08 5.83 -24.47 N | 85.14 6.92 -1.59 N | 83.69 6.58 -0.23 N | 86.78 5.78 -10.32 N | 104.93 6.25 0.00 N |
| NORTHPORT___3 23553 | 90.37 5.22 0.00 N | 73.11 4.13 -10.02 N | 79.00 4.80 -3.44 N | 64.89 3.97 -5.15 N | 103.76 6.15 -5.64 N | 86.65 5.21 -14.80 N | 114.12 8.66 -1.65 N | 91.23 6.14 -2.62 N | 91.64 4.97 -21.08 N | 98.05 3.96 -47.54 N | 168.33 2.34 -139.23 N | 87.16 5.49 -20.44 N | 85.62 7.33 -1.56 N | 83.91 7.23 0.00 N | 82.04 6.92 -4.63 N | 87.68 7.38 0.00 N | 106.30 8.57 -13.56 N | 315.48 25.61 0.00 N | 178.37 11.04 -40.80 N | 93.10 5.85 -24.47 N | 85.14 6.92 -1.59 N | 83.64 6.53 -0.23 N | 86.75 5.74 -10.32 N | 104.69 6.00 0.00 N |
| NORTHPORT___4 23650 | 90.37 5.22 0.00 N | 73.11 4.13 -10.02 N | 79.00 4.80 -3.44 N | 64.89 3.97 -5.15 N | 103.76 6.15 -5.64 N | 86.65 5.21 -14.80 N | 114.12 8.66 -1.65 N | 91.23 6.14 -2.62 N | 91.64 4.97 -21.08 N | 98.05 3.96 -47.54 N | 168.33 2.34 -139.23 N | 87.16 5.49 -20.44 N | 85.62 7.33 -1.56 N | 83.91 7.23 0.00 N | 82.04 6.92 -4.63 N | 87.68 7.38 0.00 N | 106.30 8.57 -13.56 N | 315.48 25.61 0.00 N | 178.37 11.04 -40.80 N | 93.10 5.85 -24.47 N | 85.14 6.92 -1.59 N | 83.64 6.53 -0.23 N | 86.75 5.74 -10.32 N | 104.69 6.00 0.00 N |
| NORTHPORT___IC 23718 | 90.52 5.37 0.00 N | 73.18 4.20 -10.02 N | 79.09 4.89 -3.44 N | 65.00 4.08 -5.15 N | 103.89 6.28 -5.64 N | 86.74 5.31 -14.80 N | 114.25 8.80 -1.65 N | 91.32 6.23 -2.62 N | 91.77 5.10 -21.08 N | 98.12 4.03 -47.54 N | 168.36 2.38 -139.23 N | 87.20 5.53 -20.44 N | 85.64 7.35 -1.56 N | 83.97 7.29 0.00 N | 82.06 6.94 -4.63 N | 87.49 7.19 0.00 N | 106.35 8.63 -13.56 N | 315.44 25.56 0.00 N | 178.35 11.01 -40.80 N | 93.08 5.83 -24.47 N | 85.14 6.92 -1.59 N | 83.69 6.58 -0.23 N | 86.78 5.78 -10.32 N | 104.93 6.25 0.00 N |
| NPX_GEN_CSC 323557 | 91.74 6.59 0.00 N | 73.92 4.93 -10.02 N | 79.94 5.75 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.31 5.87 -14.80 N | 114.83 9.37 -1.65 N | 91.51 6.43 -2.62 N | 91.92 5.24 -21.08 N | 98.21 4.12 -47.54 N | 168.44 2.45 -139.23 N | 87.29 5.62 -20.44 N | 85.75 7.46 -1.56 N | 84.02 7.34 0.00 N | 82.12 7.00 -4.63 N | 87.72 7.41 0.00 N | 106.74 9.02 -13.56 N | 316.56 26.68 0.00 N | 178.62 11.29 -40.80 N | 93.25 6.00 -24.47 N | 85.40 7.18 -1.59 N | 83.99 6.88 -0.23 N | 87.29 6.29 -10.32 N | 105.95 7.27 0.00 N |
| NSINS_S_GLNS_FALLS 23858 | 87.00 1.85 0.00 N | 60.29 1.32 0.00 N | 72.20 1.45 0.00 N | 57.13 1.36 0.00 N | 94.37 2.40 0.00 N | 68.78 2.15 0.00 N | 108.94 5.13 0.00 N | 90.47 4.56 -3.45 N | 97.09 3.87 -27.63 N | 111.57 2.71 -62.31 N | 210.74 1.51 -182.48 N | 91.44 3.41 -26.79 N | 82.77 3.99 -2.05 N | 80.41 3.73 0.00 N | 73.73 3.24 0.00 N | 84.24 3.94 0.00 N | 105.19 4.96 -16.06 N | 306.34 16.46 0.00 N | 188.12 8.11 -53.47 N | 98.68 3.83 -32.08 N | 82.88 4.17 -2.08 N | 80.47 3.58 0.00 N | 73.49 2.81 0.00 N | 101.92 3.24 0.00 N |
| NUCOR_STEEL___DRP 24197 | 80.42 -4.73 0.00 N | 55.58 -3.38 0.00 N | 66.67 -4.09 0.00 N | 52.42 -3.34 0.00 N | 86.63 -5.34 0.00 N | 63.07 -3.56 0.00 N | 99.36 -4.83 -0.38 N | 79.68 -3.10 -0.32 N | 65.74 -2.37 -2.52 N | 50.54 -1.69 -5.68 N | 42.41 -0.98 -16.64 N | 61.28 -2.39 -2.44 N | 74.02 -2.89 -0.19 N | 73.73 -2.95 0.00 N | 67.63 -2.85 0.00 N | 77.32 -2.99 0.00 N | 83.20 -2.43 -1.46 N | 284.10 -5.78 0.00 N | 128.47 -2.94 -4.87 N | 63.71 -1.99 -2.92 N | 74.00 -2.83 -0.19 N | 73.60 -3.29 0.00 N | 67.36 -3.38 -0.05 N | 93.73 -4.95 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 85.15 0.00 0.00 N | 58.96 0.00 0.00 N | 70.75 0.00 0.00 N | 55.77 0.00 0.00 N | 91.97 0.00 0.00 N | 66.63 0.00 0.00 N | 103.81 0.00 0.00 N | 82.46 0.00 0.00 N | 65.59 0.00 0.00 N | 46.56 0.00 0.00 N | 26.76 0.00 0.00 N | 61.23 0.00 0.00 N | 76.72 0.00 0.00 N | 76.68 0.00 0.00 N | 70.48 0.00 0.00 N | 80.31 0.00 0.00 N | 84.17 0.00 0.00 N | 289.88 0.00 0.00 N | 126.54 0.00 0.00 N | 62.77 0.00 0.00 N | 76.64 0.00 0.00 N | 76.88 0.00 0.00 N | 70.68 0.00 0.00 N | 98.68 0.00 0.00 N |

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| NYPA_BRENTWD____GT 24164 | 91.60 4.46 0.00 N | 73.82 4.84 -10.02 N | 79.84 5.65 -3.44 N | 65.56 4.65 -5.15 N | 104.92 7.31 -5.64 N | 87.51 6.07 -14.80 N | 115.64 10.19 -1.65 N | 92.54 7.46 -2.62 N | 92.81 6.13 -21.08 N | 98.85 4.76 -47.54 N | 168.77 2.79 -139.23 N | 88.09 6.42 -20.44 N | 86.76 8.47 -1.56 N | 85.02 8.34 0.00 N | 83.00 7.88 -4.63 N | 88.67 8.36 0.00 N | 107.68 9.95 -13.56 N | 318.77 28.89 0.00 N | 179.98 12.65 -40.80 N | 93.95 6.70 -24.47 N | 86.19 7.96 -1.59 N | 84.86 7.75 -0.23 N | 87.79 6.78 -10.32 N | 106.32 7.63 0.00 N |
| NYPA_GOWANUS____GT5 24156 | 89.69 4.54 0.00 N | 61.82 2.86 0.00 N | 73.98 3.23 0.00 N | 58.39 2.62 0.00 N | 96.02 4.05 0.00 N | 70.81 4.17 0.00 N | 111.55 8.12 0.38 N | 92.03 6.95 -2.62 N | 92.25 5.58 -21.08 N | 98.38 4.29 -47.54 N | 168.32 2.33 -139.23 N | 86.88 5.20 -20.44 N | 84.89 6.60 -1.56 N | 83.07 6.39 0.00 N | 76.10 5.62 0.00 N | 86.63 6.32 0.00 N | 103.81 7.39 -12.25 N | 314.61 24.74 0.00 N | 178.54 11.20 -40.80 N | 93.40 6.16 -24.47 N | 85.44 7.22 -1.59 N | 83.54 6.66 0.00 N | 76.09 5.46 0.05 N | 105.34 6.66 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 89.69 4.54 0.00 N | 61.82 2.86 0.00 N | 73.98 3.23 0.00 N | 58.39 2.62 0.00 N | 96.02 4.05 0.00 N | 70.81 4.17 0.00 N | 111.55 8.12 0.38 N | 92.03 6.95 -2.62 N | 92.25 5.58 -21.08 N | 98.38 4.29 -47.54 N | 168.32 2.33 -139.23 N | 86.88 5.20 -20.44 N | 84.89 6.60 -1.56 N | 83.07 6.39 0.00 N | 76.10 5.62 0.00 N | 86.63 6.32 0.00 N | 103.81 7.39 -12.25 N | 314.61 24.74 0.00 N | 178.54 11.20 -40.80 N | 93.40 6.16 -24.47 N | 85.44 7.22 -1.59 N | 83.54 6.66 0.00 N | 76.09 5.46 0.05 N | 105.34 6.66 0.00 N |
| NYPA_HARLEM__RVR_GT1 24160 | 89.79 4.64 0.00 N | 62.00 3.04 0.00 N | 74.20 3.45 0.00 N | 58.56 2.79 0.00 N | 96.07 4.10 0.00 N | 70.95 4.31 0.00 N | 111.72 8.29 0.38 N | 91.99 6.91 -2.62 N | 92.33 5.66 -21.08 N | 98.37 4.28 -47.54 N | 168.35 2.37 -139.23 N | 86.94 5.27 -20.44 N | 84.96 6.67 -1.56 N | 83.08 6.40 0.00 N | 76.18 5.70 0.00 N | 86.64 6.33 0.00 N | 103.83 7.41 -12.25 N | 312.97 23.09 0.00 N | 178.03 10.70 -40.80 N | 93.36 6.11 -24.47 N | 85.35 7.13 -1.59 N | 83.57 6.69 0.00 N | 76.14 5.51 0.05 N | 105.17 6.48 0.00 N |
| NYPA_HARLEM__RVR_GT2 24161 | 89.79 4.64 0.00 N | 62.00 3.04 0.00 N | 74.20 3.45 0.00 N | 58.56 2.79 0.00 N | 96.07 4.10 0.00 N | 70.95 4.31 0.00 N | 111.72 8.29 0.38 N | 91.99 6.91 -2.62 N | 92.33 5.66 -21.08 N | 98.37 4.28 -47.54 N | 168.35 2.37 -139.23 N | 86.94 5.27 -20.44 N | 84.96 6.67 -1.56 N | 83.08 6.40 0.00 N | 76.18 5.70 0.00 N | 86.64 6.33 0.00 N | 103.83 7.41 -12.25 N | 312.97 23.09 0.00 N | 178.03 10.70 -40.80 N | 93.36 6.11 -24.47 N | 85.35 7.13 -1.59 N | 83.57 6.69 0.00 N | 76.14 5.51 0.05 N | 105.17 6.48 0.00 N |
| NYPA_KENT____GT 24152 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.83 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.47 2.20 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.02 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.24 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N |
| NYPA_POUCH1____GT 24155 | 89.55 4.40 0.00 N | 61.71 2.74 0.00 N | 73.85 3.10 0.00 N | 58.30 2.53 0.00 N | 95.86 3.90 0.00 N | 70.69 4.05 0.00 N | 111.34 7.91 0.38 N | 91.87 6.78 -2.62 N | 92.07 5.40 -21.08 N | 98.27 4.17 -47.54 N | 168.26 2.27 -139.23 N | 86.73 5.05 -20.44 N | 84.70 6.41 -1.56 N | 82.86 6.18 0.00 N | 75.93 5.44 0.00 N | 86.42 6.11 0.00 N | 103.52 7.11 -12.25 N | 313.38 23.50 0.00 N | 177.96 10.62 -40.80 N | 162.12 5.99 -93.35 N | 311.25 7.13 -227.48 N | 178.05 6.53 -94.64 N | 75.98 5.35 0.05 N | 105.17 6.49 0.00 N |
| NYPA_VERNON____GT2 24162 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N |
| NYPA_VERNON____GT3 24163 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N |
| NYPA____ASTORIA_CC1 323568 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| NYPA____ASTORIA_CC2 323569 | 89.47 4.33 0.00 N | 61.82 2.86 0.00 N | 74.06 3.31 0.00 N | 58.45 2.69 0.00 N | 96.11 4.14 0.00 N | 70.80 4.16 0.00 N | 111.47 8.05 0.38 N | 91.79 6.70 -2.62 N | 92.05 5.38 -21.08 N | 98.18 4.09 -47.54 N | 168.17 2.18 -139.23 N | 86.57 4.90 -20.44 N | 84.49 6.21 -1.56 N | 82.63 5.95 0.00 N | 75.74 5.26 0.00 N | 86.23 5.93 0.00 N | 103.44 7.03 -12.25 N | 313.42 23.54 0.00 N | 178.11 10.77 -40.80 N | 93.01 5.76 -24.47 N | 84.97 6.74 -1.59 N | 83.24 6.36 0.00 N | 75.95 5.32 0.05 N | 105.08 6.40 0.00 N |
| NYPA____HOLTSVILL 23794 | 91.24 6.09 0.00 N | 73.58 4.60 -10.02 N | 79.54 5.34 -3.44 N | 65.33 4.41 -5.15 N | 104.55 6.94 -5.64 N | 87.11 5.67 -14.80 N | 114.77 9.31 -1.65 N | 91.67 6.58 -2.62 N | 92.07 5.40 -21.08 N | 98.33 4.24 -47.54 N | 168.49 2.50 -139.23 N | 87.44 5.76 -20.44 N | 85.94 7.66 -1.56 N | 84.22 7.54 0.00 N | 82.30 7.18 -4.63 N | 87.89 7.59 0.00 N | 106.84 9.12 -13.56 N | 316.85 26.97 0.00 N | 178.80 11.47 -40.80 N | 93.35 6.10 -24.47 N | 85.54 7.32 -1.59 N | 84.07 6.96 -0.23 N | 87.21 6.21 -10.32 N | 105.63 6.95 0.00 N |
| NYPA____HELLGATE_GT1 24158 | 89.79 4.64 0.00 N | 62.00 3.04 0.00 N | 74.20 3.45 0.00 N | 58.56 2.79 0.00 N | 96.07 4.10 0.00 N | 70.95 4.31 0.00 N | 111.72 8.29 0.38 N | 91.99 6.91 -2.62 N | 92.33 5.66 -21.08 N | 98.37 4.28 -47.54 N | 168.35 2.37 -139.23 N | 86.94 5.27 -20.44 N | 84.96 6.67 -1.56 N | 83.08 6.40 0.00 N | 76.18 5.70 0.00 N | 86.64 6.33 0.00 N | 103.83 7.41 -12.25 N | 312.97 23.09 0.00 N | 178.03 10.70 -40.80 N | 93.36 6.11 -24.47 N | 85.35 7.13 -1.59 N | 83.57 6.69 0.00 N | 76.14 5.51 0.05 N | 105.17 6.48 0.00 N |
| NYPA____HELLGATE_GT2 24159 | 89.79 4.64 0.00 N | 62.00 3.04 0.00 N | 74.20 3.45 0.00 N | 58.56 2.79 0.00 N | 96.07 4.10 0.00 N | 70.95 4.31 0.00 N | 111.72 8.29 0.38 N | 91.99 6.91 -2.62 N | 92.33 5.66 -21.08 N | 98.37 4.28 -47.54 N | 168.35 2.37 -139.23 N | 86.94 5.27 -20.44 N | 84.96 6.67 -1.56 N | 83.08 6.40 0.00 N | 76.18 5.70 0.00 N | 86.64 6.33 0.00 N | 103.83 7.41 -12.25 N | 312.97 23.09 0.00 N | 178.03 10.70 -40.80 N | 93.36 6.11 -24.47 N | 85.35 7.13 -1.59 N | 83.57 6.69 0.00 N | 76.14 5.51 0.05 N | 105.17 6.48 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|---|
| NYS_BARGE___HYD 23848 | 74.75 -10.39 0.00 N | 51.75 -7.21 0.00 N | 62.11 -8.64 0.00 N | 48.48 -7.29 0.00 N | 80.11 -11.85 0.00 N | 57.34 -9.30 0.00 N | 62.81 -16.19 24.81 N | 70.44 -11.91 0.12 N | 59.54 -9.12 -3.06 N | 46.94 -6.52 -6.90 N | 43.28 -3.70 -20.22 N | 55.33 -8.87 -2.97 N | 66.32 -10.62 -0.22 N | 66.25 -10.43 0.00 N | 60.75 -9.73 0.00 N | 69.99 -10.32 0.00 N | 75.41 -10.52 -1.76 N | 257.93 -31.95 0.00 N | 117.38 -15.01 -5.85 N | 57.98 -8.30 -3.51 N | 66.13 -10.74 -0.23 N | 66.21 -10.63 0.05 N | 57.89 -9.30 3.49 N | 86.54 -12.14 0.00 N | |
| O.H._GEN_BRUCE 24063 | 45.75 -9.43 7.01 N | 51.49 -7.48 0.00 N | 61.79 -8.96 0.00 N | 48.23 -7.54 0.00 N | 34.75 -7.91 9.10 N | 40.00 -5.50 1.89 N | 33.17 -8.73 13.79 N | 33.17 -4.55 -7.88 N | 58.81 -9.72 -2.95 N | 46.25 -6.94 -6.64 N | 42.28 -3.93 -19.45 N | 54.74 -9.35 -2.86 N | 65.71 -11.23 -0.22 N | 65.71 -10.97 0.00 N | 60.26 -10.22 0.00 N | 69.29 -11.02 0.00 N | 74.55 -11.33 -1.71 N | 254.73 -35.15 0.00 N | 115.91 -16.33 -5.70 N | 57.24 -8.96 -3.42 N | 65.39 -11.47 -0.22 N | 65.54 -11.29 0.05 N | 57.30 -9.88 3.51 N | 85.83 -12.86 0.00 N | |
| OAK_ORCHARD___HYD 24046 | 78.64 -6.51 0.00 N | 54.45 -4.51 0.00 N | 65.27 -5.48 0.00 N | 51.20 -4.57 0.00 N | 84.56 -7.41 0.00 N | 61.07 -5.56 0.00 N | 95.21 -9.04 -0.44 N | 76.51 -6.31 -0.36 N | 63.31 -4.76 -2.48 N | 48.79 -3.36 -5.59 N | 41.27 -1.86 -16.38 N | 59.15 -4.49 -2.40 N | 71.48 -5.42 -0.18 N | 71.33 -5.35 0.00 N | 65.43 -5.06 0.00 N | 74.94 -5.36 0.00 N | 80.48 -5.13 -1.44 N | 275.47 -14.40 0.00 N | 124.38 -6.95 -4.80 N | 61.53 -4.13 -2.88 N | 71.29 -5.53 -0.19 N | 71.13 -5.75 0.00 N | 65.41 -5.31 -0.04 N | 91.36 -7.33 0.00 N | |
| OCC_CHEM___DRP 24175 | 74.80 -10.35 0.00 N | 51.84 -7.12 0.00 N | 62.22 -8.53 0.00 N | 48.55 -7.22 0.00 N | 80.20 -11.77 0.00 N | 57.23 -9.41 0.00 N | 62.67 -16.70 24.43 N | 70.04 -12.33 0.10 N | 59.30 -9.39 -3.10 N | 46.83 -6.72 -6.99 N | 43.44 -3.79 -20.47 N | 55.16 -9.07 -3.01 N | 66.10 -10.86 -0.23 N | 66.08 -10.60 0.00 N | 60.59 -9.89 0.00 N | 69.75 -10.55 0.00 N | 75.15 -10.79 -1.78 N | 257.01 -32.87 0.00 N | 117.05 -15.41 -5.92 N | 57.80 -8.53 -3.55 N | 65.87 -11.00 -0.23 N | 66.04 -10.80 0.05 N | 57.86 -9.38 3.44 N | 86.48 -12.20 0.00 N | |
| OLIN_CORP_DRP 24177 | 74.55 -10.60 0.00 N | 51.65 -7.32 0.00 N | 61.99 -8.76 0.00 N | 48.36 -7.40 0.00 N | 79.93 -12.04 0.00 N | 57.08 -9.56 0.00 N | 62.78 -16.86 24.16 N | 69.90 -12.47 0.09 N | 59.20 -9.53 -3.14 N | 46.83 -6.80 -7.08 N | 43.64 -3.85 -20.73 N | 55.06 -9.22 -3.05 N | 65.86 -11.09 -0.23 N | 65.81 -10.87 0.00 N | 60.39 -10.09 0.00 N | 69.56 -10.74 0.00 N | 75.02 -10.97 -1.82 N | 256.23 -33.65 0.00 N | 116.90 -15.71 -6.07 N | 57.73 -8.69 -3.64 N | 65.70 -11.17 -0.24 N | 65.83 -11.00 0.05 N | 57.68 -9.61 3.40 N | 86.23 -12.45 0.00 N | |
| ONONDAGA_REF_OCCRA 23987 | 82.96 -2.18 0.00 N | 57.40 -1.57 0.00 N | 68.86 -1.90 0.00 N | 54.21 -1.56 0.00 N | 89.49 -2.48 0.00 N | 65.02 -1.61 0.00 N | 101.88 -1.93 0.00 N | 81.62 -1.08 -0.24 N | 66.61 -0.88 -1.90 N | 50.21 -0.62 -4.28 N | 38.93 -0.37 -12.54 N | 62.15 -0.92 -1.84 N | 75.78 -1.09 -0.14 N | 75.53 -1.14 0.00 N | 69.36 -1.13 0.00 N | 79.14 -1.17 0.00 N | 84.52 -0.75 -1.10 N | 288.72 -1.16 0.00 N | 129.50 -0.71 -3.67 N | 64.31 -0.67 -2.21 N | 75.72 -1.06 -0.14 N | 75.56 -1.33 0.00 N | 69.24 -1.45 0.00 N | 96.48 -2.21 0.00 N | |
| ONONDAGA___COGEN 23986 | 83.33 -1.82 0.00 N | 57.64 -1.32 0.00 N | 69.16 -1.60 0.00 N | 54.44 -1.33 0.00 N | 89.90 -2.07 0.00 N | 65.34 -1.30 0.00 N | 102.61 -1.49 -0.30 N | 81.97 -0.75 -0.25 N | 66.97 -0.60 -1.98 N | 50.60 -0.42 -4.46 N | 39.56 -0.25 -13.05 N | 62.51 -0.64 -1.92 N | 76.10 -0.77 -0.15 N | 75.87 -0.81 0.00 N | 69.67 -0.82 0.00 N | 79.49 -0.81 0.00 N | 84.93 -0.38 -1.15 N | 289.97 0.09 0.00 N | 130.17 -0.19 -3.82 N | 64.69 -0.37 -2.30 N | 76.08 -0.71 -0.15 N | 75.94 -0.94 0.00 N | 69.62 -1.11 -0.04 N | 96.93 -1.75 0.00 N | |
| ONTARIO___LFGE 23819 | 78.92 -6.22 0.00 N | 54.57 -4.39 0.00 N | 65.45 -5.30 0.00 N | 51.47 -4.30 0.00 N | 84.95 -7.01 0.00 N | 61.84 -4.80 0.00 N | 97.45 -7.04 -0.68 N | 78.02 -4.82 -0.38 N | 64.78 -3.72 -2.91 N | 50.52 -2.59 -6.55 N | 44.51 -1.44 -19.20 N | 60.46 -3.59 -2.82 N | 72.47 -4.47 -0.22 N | 72.03 -4.65 0.00 N | 66.07 -4.42 0.00 N | 75.70 -4.61 0.00 N | 81.77 -4.09 -1.69 N | 278.57 -11.31 0.00 N | 126.59 -5.57 -5.62 N | 62.74 -3.41 -3.37 N | 72.25 -4.61 -0.22 N | 71.81 -5.08 0.00 N | 65.94 -4.84 -0.09 N | 91.89 -6.79 0.00 N | |
| OSWEGATCHIE___HYD 24044 | 84.99 -0.16 0.00 N | 58.71 -0.26 0.00 N | 70.46 -0.30 0.00 N | 55.50 -0.27 0.00 N | 91.67 -0.30 0.00 N | 66.45 -0.19 0.00 N | 102.84 -0.97 0.00 N | 81.34 -1.12 0.00 N | 64.28 -1.31 0.00 N | 45.48 -1.08 0.00 N | 26.21 -0.54 0.00 N | 60.45 -0.78 0.00 N | 75.51 -1.22 0.00 N | 76.16 -0.52 0.00 N | 70.05 -0.44 0.00 N | 79.65 -0.66 0.00 N | 82.87 -1.30 0.00 N | 284.57 -5.31 0.00 N | 123.88 -2.65 0.00 N | 61.39 -1.39 0.00 N | 75.42 -1.21 0.00 N | 76.25 -0.63 0.00 N | 70.34 -0.35 0.00 N | 98.45 -0.23 0.00 N | |
| OSWEGO___5 23606 | 82.26 -2.89 0.00 N | 56.94 -2.03 0.00 N | 68.33 -2.43 0.00 N | 53.80 -1.97 0.00 N | 88.78 -3.19 0.00 N | 64.37 -2.26 0.00 N | 100.51 -3.30 0.00 N | 80.27 -2.38 -0.18 N | 65.16 -1.91 -1.47 N | 48.54 -1.33 -3.32 N | 35.71 -0.77 -9.73 N | 60.83 -1.83 -1.43 N | 74.60 -2.23 -0.11 N | 74.41 -2.27 0.00 N | 68.35 -2.13 0.00 N | 77.99 -2.32 0.00 N | 82.83 -2.20 -0.85 N | 283.10 -6.78 0.00 N | 126.31 -3.08 -2.85 N | 62.78 -1.70 -1.71 N | 74.50 -2.25 -0.11 N | 74.55 -2.33 0.00 N | 68.47 -2.21 0.00 N | 95.52 -3.16 0.00 N | |
| OSWEGO___6 23613 | 82.26 -2.89 0.00 N | 56.94 -2.03 0.00 N | 68.33 -2.43 0.00 N | 53.80 -1.97 0.00 N | 88.78 -3.19 0.00 N | 64.37 -2.26 0.00 N | 100.51 -3.30 0.00 N | 80.27 -2.38 -0.18 N | 65.16 -1.91 -1.47 N | 48.54 -1.33 -3.32 N | 35.71 -0.77 -9.73 N | 60.83 -1.83 -1.43 N | 74.60 -2.23 -0.11 N | 74.41 -2.27 0.00 N | 68.35 -2.13 0.00 N | 77.99 -2.32 0.00 N | 82.83 -2.20 -0.85 N | 283.10 -6.78 0.00 N | 126.31 -3.08 -2.85 N | 62.78 -1.70 -1.71 N | 74.50 -2.25 -0.11 N | 74.55 -2.33 0.00 N | 68.47 -2.21 0.00 N | 95.52 -3.16 0.00 N | |
| OUTOKUMPU-AB___DRP 24206 | 75.13 -10.01 0.00 N | 51.98 -6.98 0.00 N | 62.40 -8.35 0.00 N | 48.69 -7.07 0.00 N | 80.51 -11.46 0.00 N | 57.72 -8.92 0.00 N | 64.51 -15.25 24.05 N | 71.26 -11.11 0.09 N | 60.21 -8.56 -3.18 N | 47.59 -6.13 -7.17 N | 44.27 -3.48 -20.99 N | 55.93 -8.38 -3.08 N | 66.99 -9.97 -0.24 N | 66.86 -9.81 0.00 N | 61.31 -9.18 0.00 N | 70.57 -9.74 0.00 N | 76.11 -9.90 -1.85 N | 260.33 -29.55 0.00 N | 118.68 -14.00 -6.15 N | 58.60 -7.86 -3.69 N | 66.67 -10.21 -0.24 N | 66.66 -10.18 0.05 N | 58.42 -8.88 3.39 N | 87.04 -11.64 0.00 N | |
| OXBOW___ 24026 | 75.09 -10.05 0.00 N | 51.99 -6.97 0.00 N | 62.42 -8.33 0.00 N | 48.68 -7.08 0.00 N | 80.47 -11.49 0.00 N | 57.57 -9.06 0.00 N | 63.77 -15.78 24.25 N | 70.81 -11.56 0.10 N | 59.90 -8.83 -3.14 N | 47.31 -6.33 -7.08 N | 43.91 -3.57 -20.73 N | 55.69 -8.59 -3.05 N | 66.71 -10.25 -0.23 N | 66.63 -10.05 0.00 N | 61.09 -9.40 0.00 N | 70.32 -9.99 0.00 N | 75.78 -10.19 -1.80 N | 259.35 -30.53 0.00 N | 118.10 -14.43 -6.00 N | 58.32 -8.06 -3.60 N | 66.43 -10.44 -0.23 N | 66.50 -10.34 0.05 N | 58.26 -9.01 3.41 N | 86.93 -11.76 0.00 N | |
| PEEKSKILL___ | 88.90 | 61.44 | 73.55 | 58.06 | 95.61 | 70.26 | 110.54 | 90.98 | 91.35 | 97.42 | 166.93 | 85.97 | 83.94 | 82.10 | 75.21 | 85.73 | 102.78 | 312.68 | 177.57 | 92.41 | 84.39 | 82.54 | 75.21 | 104.26 | |

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| 23653 | 3.76 0.00 N | 2.48 0.00 N | 2.80 0.00 N | 2.29 0.00 N | 3.64 0.00 N | 3.62 0.00 N | 7.11 0.38 N | 5.91 -2.61 N | 4.84 -20.92 N | 3.68 -47.19 N | 1.99 -138.18 N | 4.49 -20.25 N | 5.67 -1.55 N | 5.42 0.00 N | 4.73 0.00 N | 5.42 0.00 N | 6.45 -12.16 N | 22.80 0.00 N | 10.54 -40.50 N | 5.34 -24.29 N | 6.18 -1.57 N | 5.66 0.00 N | 4.58 0.05 N | 5.57 0.00 N |
| PGE MADISON___WINDPWR 24146 | 83.57 -1.58 0.00 N | 57.62 -1.34 0.00 N | 69.19 -1.56 0.00 N | 54.42 -1.35 0.00 N | 89.98 -1.99 0.00 N | 65.83 -0.81 0.00 N | 102.86 0.25 1.21 N | 84.40 1.19 -0.74 N | 72.78 1.06 -6.12 N | 61.08 0.71 -13.81 N | 67.49 0.29 -40.44 N | 67.66 0.49 -5.94 N | 77.96 0.79 -0.45 N | 77.29 0.61 0.00 N | 70.84 0.35 0.00 N | 81.02 0.71 0.00 N | 89.50 1.78 -3.56 N | 299.44 9.56 0.00 N | 142.10 3.71 -11.85 N | 70.99 1.11 -7.11 N | 78.02 0.92 -0.46 N | 77.02 0.14 0.00 N | 69.99 -0.52 0.17 N | 97.70 -0.98 0.00 N |
| PIERCEFIELD___HYD 23852 | 86.48 1.33 0.00 N | 59.74 0.78 0.00 N | 71.71 0.95 0.00 N | 56.50 0.73 0.00 N | 93.22 1.25 0.00 N | 67.32 0.69 0.00 N | 103.30 -0.51 0.00 N | 81.03 -1.44 0.00 N | 63.83 -1.76 0.00 N | 45.13 -1.42 0.00 N | 26.10 -0.66 0.00 N | 60.45 -0.79 0.00 N | 75.43 -1.30 0.00 N | 76.40 -0.28 0.00 N | 70.36 -0.13 0.00 N | 79.81 -0.49 0.00 N | 82.22 -1.94 0.00 N | 280.60 -9.28 0.00 N | 122.06 -4.47 0.00 N | 60.74 -2.03 0.00 N | 75.07 -1.57 0.00 N | 76.43 -0.45 0.00 N | 70.92 0.23 0.00 N | 99.66 0.97 0.00 N |
| PINELAWN_CC_1 323563 | 91.67 6.53 0.00 N | 73.73 4.75 -10.02 N | 79.69 5.50 -3.44 N | 65.44 4.52 -5.15 N | 104.75 7.13 -5.64 N | 87.47 6.04 -14.80 N | 115.81 10.35 -1.65 N | 92.92 7.84 -2.62 N | 93.11 6.44 -21.08 N | 99.10 5.00 -47.54 N | 168.86 2.88 -139.23 N | 88.27 6.60 -20.44 N | 86.90 8.62 -1.56 N | 85.15 8.46 0.00 N | 82.83 7.71 -4.63 N | 88.26 7.95 0.00 N | 107.14 9.42 -13.56 N | 318.83 28.95 0.00 N | 180.04 12.71 -40.80 N | 94.01 6.77 -24.47 N | 86.20 7.97 -1.59 N | 84.72 7.61 -0.23 N | 88.01 7.00 -10.32 N | 106.75 8.07 0.00 N |
| PJM_GEN_KEystone 24065 | 36.38 -9.05 16.77 N | 36.34 -9.07 13.62 N | 61.94 -8.81 0.00 N | 48.49 -7.28 0.00 N | 41.50 -6.31 3.94 N | 58.79 -7.85 0.00 N | 81.23 -10.60 11.98 N | 75.62 -7.21 -0.37 N | 64.63 -5.84 -4.88 N | 71.00 -4.76 -11.53 N | 56.34 -2.67 -32.25 N | 59.41 -6.55 -4.73 N | 69.55 -7.54 -0.36 N | 68.77 -7.91 0.00 N | 62.78 -7.70 0.00 N | 72.25 -8.05 0.00 N | 79.00 -4.61 -18.88 N | 95.00 -4.75 -16.38 N | 125.98 -9.93 -9.37 N | 62.31 -6.08 -5.62 N | 69.01 -7.99 -0.36 N | 51.31 -5.54 -13.03 N | 45.00 -10.85 17.08 N | 87.98 -10.71 0.00 N |
| PLEASANTVLY___LBMP 24000 | 89.09 3.94 0.00 N | 61.62 2.66 0.00 N | 73.82 3.07 0.00 N | 58.29 2.52 0.00 N | 95.99 4.02 0.00 N | 70.33 3.70 0.00 N | 110.54 7.08 0.35 N | 91.08 5.90 -2.72 N | 92.24 4.83 -21.82 N | 99.39 3.64 -49.20 N | 172.84 1.99 -144.09 N | 86.87 4.48 -21.15 N | 83.97 5.62 -1.62 N | 82.06 5.38 0.00 N | 75.21 4.72 0.00 N | 85.74 5.43 0.00 N | 103.22 6.37 -12.68 N | 311.97 22.09 0.00 N | 179.01 10.26 -42.22 N | 93.26 5.15 -25.33 N | 84.28 6.00 -1.64 N | 82.41 5.53 0.00 N | 75.22 4.58 0.05 N | 104.35 5.67 0.00 N |
| POLETTI___ 23519 | 89.43 4.29 0.00 N | 61.76 2.80 0.00 N | 73.99 3.24 0.00 N | 58.42 2.65 0.00 N | 96.15 4.18 0.00 N | 70.76 4.12 0.00 N | 111.40 7.97 0.38 N | 91.74 6.65 -2.62 N | 92.06 5.39 -21.08 N | 98.17 4.08 -47.54 N | 168.19 2.20 -139.23 N | 86.67 4.99 -20.44 N | 84.61 6.32 -1.56 N | 82.81 6.13 0.00 N | 75.86 5.38 0.00 N | 86.43 6.12 -12.25 N | 103.71 7.29 0.00 N | 315.35 25.47 0.00 N | 178.96 11.62 -40.80 N | 93.18 5.93 -24.47 N | 85.11 6.89 -1.59 N | 83.20 6.32 0.00 N | 75.89 5.26 0.05 N | 105.09 6.41 0.00 N |
| PORT_JEFF_3 23555 | 91.39 6.25 0.00 N | 73.66 4.68 -10.02 N | 79.65 5.46 -3.44 N | 65.44 4.52 -5.15 N | 104.71 7.10 -5.64 N | 87.10 5.67 -14.80 N | 114.61 9.15 -1.65 N | 91.45 6.36 -2.62 N | 91.95 5.27 -21.08 N | 98.24 4.15 -47.54 N | 168.47 2.49 -139.23 N | 87.36 5.69 -20.44 N | 85.92 7.63 -1.56 N | 84.20 7.52 0.00 N | 82.36 7.24 -4.63 N | 87.98 7.67 0.00 N | 106.88 9.15 -13.56 N | 315.45 25.57 0.00 N | 177.86 10.53 -40.80 N | 93.02 5.77 -24.47 N | 85.29 7.07 -1.59 N | 83.87 6.76 -0.23 N | 87.09 6.09 -10.32 N | 105.51 6.83 0.00 N |
| PORT_JEFF_4 23616 | 91.39 6.25 0.00 N | 73.66 4.68 -10.02 N | 79.65 5.46 -3.44 N | 65.44 4.52 -5.15 N | 104.71 7.10 -5.64 N | 87.10 5.67 -14.80 N | 114.61 9.15 -1.65 N | 91.45 6.36 -2.62 N | 91.94 5.27 -21.08 N | 98.24 4.15 -47.54 N | 168.47 2.49 -139.23 N | 87.36 5.69 -20.44 N | 85.91 7.63 -1.56 N | 84.18 7.50 0.00 N | 82.36 7.24 -4.63 N | 87.98 7.67 0.00 N | 106.88 9.15 -13.56 N | 315.45 25.57 0.00 N | 177.86 10.53 -40.80 N | 93.02 5.77 -24.47 N | 85.29 7.07 -1.59 N | 83.87 6.76 -0.23 N | 87.09 6.09 -10.32 N | 105.51 6.83 0.00 N |
| PORT_JEFF_IC 23713 | 91.58 6.44 0.00 N | 73.80 4.82 -10.02 N | 79.80 5.60 -3.44 N | 65.55 4.63 -5.15 N | 104.92 7.31 -5.64 N | 87.28 5.85 -14.80 N | 114.99 9.53 -1.65 N | 91.83 6.74 -2.62 N | 92.22 5.55 -21.08 N | 98.46 4.37 -47.54 N | 168.58 2.59 -139.23 N | 87.63 5.96 -20.44 N | 86.24 7.95 -1.56 N | 84.52 7.84 0.00 N | 82.63 7.51 -4.63 N | 88.30 8.00 0.00 N | 107.24 9.51 -13.56 N | 315.95 26.07 0.00 N | 178.12 10.78 -40.80 N | 93.12 5.87 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.38 6.38 -10.32 N | 105.84 7.15 0.00 N |
| PPL PILGRIM_ST_GT1 24216 | 91.60 6.46 0.00 N | 73.82 4.84 -10.02 N | 79.84 5.65 -3.44 N | 65.56 4.65 -5.15 N | 104.92 7.31 -5.64 N | 87.51 6.07 -14.80 N | 115.64 10.19 -1.65 N | 92.54 7.46 -2.62 N | 92.81 6.13 -21.08 N | 98.85 4.76 -47.54 N | 168.77 2.79 -139.23 N | 88.09 6.42 -20.44 N | 86.76 8.47 -1.56 N | 85.02 8.34 0.00 N | 83.00 7.88 -4.63 N | 88.67 8.36 0.00 N | 107.68 9.95 -13.56 N | 318.77 28.89 0.00 N | 179.98 12.65 -40.80 N | 93.95 6.70 -24.47 N | 86.19 7.96 -1.59 N | 84.86 7.75 -0.23 N | 87.79 6.78 -10.32 N | 106.32 7.63 0.00 N |
| PPL PILGRIM_ST_GT2 24217 | 91.60 6.46 0.00 N | 73.82 4.84 -10.02 N | 79.84 5.65 -3.44 N | 65.56 4.65 -5.15 N | 104.92 7.31 -5.64 N | 87.51 6.07 -14.80 N | 115.64 10.19 -1.65 N | 92.54 7.46 -2.62 N | 92.81 6.13 -21.08 N | 98.85 4.76 -47.54 N | 168.77 2.79 -139.23 N | 88.09 6.42 -20.44 N | 86.76 8.47 -1.56 N | 85.02 8.34 0.00 N | 83.00 7.88 -4.63 N | 88.67 8.36 0.00 N | 107.68 9.95 -13.56 N | 318.77 28.89 0.00 N | 179.98 12.65 -40.80 N | 93.95 6.70 -24.47 N | 86.19 7.96 -1.59 N | 84.86 7.75 -0.23 N | 87.79 6.78 -10.32 N | 106.32 7.63 0.00 N |
| PPL_SHRM_GT3 24213 | 92.02 6.88 0.00 N | 74.11 5.13 -10.02 N | 80.16 5.97 -3.44 N | 65.83 4.91 -5.15 N | 105.38 7.77 -5.64 N | 87.51 6.08 -14.80 N | 115.19 9.73 -1.65 N | 91.81 6.72 -2.62 N | 92.17 5.49 -21.08 N | 98.40 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.52 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.40 7.28 -4.63 N | 88.04 7.73 0.00 N | 107.11 9.38 -13.56 N | 318.01 28.13 0.00 N | 179.24 11.90 -40.80 N | 93.54 6.29 -24.47 N | 85.74 7.52 -1.59 N | 84.30 7.18 -0.23 N | 87.55 6.55 -10.32 N | 106.30 7.61 0.00 N |
| PPL_SHRM_GT4 24214 | 92.02 6.88 0.00 N | 74.11 5.13 -10.02 N | 80.16 5.97 -3.44 N | 65.83 4.91 -5.15 N | 105.38 7.77 -5.64 N | 87.51 6.08 -14.80 N | 115.19 9.73 -1.65 N | 91.81 6.72 -2.62 N | 92.17 5.49 -21.08 N | 98.40 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.52 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.40 7.28 -4.63 N | 88.04 7.73 0.00 N | 107.11 9.38 -13.56 N | 318.01 28.13 0.00 N | 179.24 11.90 -40.80 N | 93.54 6.29 -24.47 N | 85.74 7.52 -1.59 N | 84.30 7.18 -0.23 N | 87.55 6.55 -10.32 N | 106.30 7.61 0.00 N |

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|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| PROJECT___ORANGE 1 24174 | 82.63 -2.52 0.00 N | 57.20 -1.76 0.00 N | 68.63 -2.13 0.00 N | 54.02 -1.75 0.00 N | 89.14 -2.83 0.00 N | 64.74 -1.90 0.00 N | 101.27 -2.54 0.00 N | 81.10 -1.57 -0.21 N | 66.00 -1.25 -1.67 N | 49.41 -0.90 -3.76 N | 37.25 -0.51 -11.00 N | 61.60 -1.25 -1.62 N | 75.36 -1.49 -0.12 N | 75.13 -1.55 0.00 N | 69.00 -1.49 0.00 N | 78.72 -1.58 0.00 N | 83.88 -1.26 -0.97 N | 287.00 -2.88 0.00 N | 128.31 -1.46 -3.22 N | 63.68 -1.03 -1.94 N | 75.26 -1.50 -0.12 N | 75.15 -1.73 0.00 N | 68.93 -1.76 0.00 N | 96.03 -2.66 0.00 N |
| PROJECT___ORANGE 2 24166 | 82.63 -2.52 0.00 N | 57.20 -1.76 0.00 N | 68.63 -2.13 0.00 N | 54.02 -1.75 0.00 N | 89.14 -2.83 0.00 N | 64.74 -1.90 0.00 N | 101.27 -2.54 0.00 N | 81.10 -1.57 -0.21 N | 66.00 -1.25 -1.67 N | 49.41 -0.90 -3.76 N | 37.25 -0.51 -11.00 N | 61.60 -1.25 -1.62 N | 75.36 -1.49 -0.12 N | 75.13 -1.55 0.00 N | 69.00 -1.49 0.00 N | 78.72 -1.58 0.00 N | 83.88 -1.26 -0.97 N | 287.00 -2.88 0.00 N | 128.31 -1.46 -3.22 N | 63.68 -1.03 -1.94 N | 75.26 -1.50 -0.12 N | 75.15 -1.73 0.00 N | 68.93 -1.76 0.00 N | 96.03 -2.66 0.00 N |
| PYRITES___HYD 24023 | 87.49 2.34 0.00 N | 60.41 1.45 0.00 N | 72.52 1.77 0.00 N | 57.12 1.36 0.00 N | 94.27 2.30 0.00 N | 68.16 1.53 0.00 N | 104.80 0.99 0.00 N | 82.32 -0.14 0.00 N | 64.98 -0.62 0.00 N | 45.93 -0.62 0.00 N | 26.53 -0.22 0.00 N | 61.35 0.11 0.00 N | 76.61 -0.11 0.00 N | 77.54 0.86 0.00 N | 71.38 0.89 0.00 N | 80.98 0.67 0.00 N | 83.63 -0.53 0.00 N | 286.00 -3.88 0.00 N | 124.37 -2.17 0.00 N | 61.83 -0.95 0.00 N | 76.29 -0.35 0.00 N | 77.49 0.61 0.00 N | 71.80 1.11 0.00 N | 100.89 2.20 0.00 N |
| RAMAPO___LBMP 323565 | 88.73 3.58 0.00 N | 61.30 2.34 0.00 N | 73.34 2.59 0.00 N | 57.89 2.13 0.00 N | 95.32 3.35 0.00 N | 70.11 3.48 0.00 N | 110.29 6.86 0.38 N | 90.71 5.71 -2.54 N | 90.68 4.67 -20.42 N | 96.19 3.58 -46.05 N | 163.57 1.94 -134.88 N | 85.38 4.35 -19.80 N | 83.69 5.46 -1.52 N | 81.92 5.24 0.00 N | 75.02 4.54 0.00 N | 85.51 5.21 0.00 N | 102.23 6.20 -11.87 N | 312.01 22.13 0.00 N | 176.35 10.29 -39.52 N | 91.69 5.21 -23.71 N | 84.18 6.01 -1.54 N | 82.34 5.45 0.00 N | 74.98 4.35 0.05 N | 104.03 5.35 0.00 N |
| RANKINE____ 23646 | 74.97 -10.17 0.00 N | 51.79 -7.17 0.00 N | 62.21 -8.54 0.00 N | 48.58 -7.19 0.00 N | 80.28 -11.68 0.00 N | 57.71 -8.92 0.00 N | 66.06 -14.93 22.81 N | 71.65 -10.78 0.03 N | 60.77 -8.27 -3.45 N | 48.42 -5.91 -7.78 N | 46.13 -3.41 -22.78 N | 56.39 -8.19 -3.35 N | 67.32 -9.66 -0.26 N | 67.11 -9.57 0.00 N | 61.42 -9.07 0.00 N | 70.66 -9.64 0.00 N | 76.53 -9.62 -1.98 N | 261.33 -28.55 0.00 N | 119.60 -13.54 -6.60 N | 59.09 -7.65 -3.96 N | 66.98 -9.92 -0.26 N | 66.76 -10.07 0.04 N | 58.52 -8.95 3.21 N | 87.02 -11.67 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 89.54 4.40 0.00 N | 61.84 2.88 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.74 6.66 -2.62 N | 92.08 5.41 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.21 -139.23 N | 86.69 5.01 -20.44 N | 84.63 6.35 -1.56 N | 82.76 6.08 0.00 N | 75.83 5.34 0.00 N | 86.40 6.09 0.00 N | 103.64 7.22 -12.25 N | 315.06 25.18 0.00 N | 178.84 11.51 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.85 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.46 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 89.54 4.40 0.00 N | 61.84 2.88 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.74 6.66 -2.62 N | 92.08 5.41 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.21 -139.23 N | 86.69 5.01 -20.44 N | 84.63 6.35 -1.56 N | 82.76 6.08 0.00 N | 75.83 5.34 0.00 N | 86.40 6.09 0.00 N | 103.64 7.22 -12.25 N | 315.06 25.18 0.00 N | 178.84 11.51 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.85 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.46 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 89.60 4.46 0.00 N | 61.88 2.92 0.00 N | 74.13 3.38 0.00 N | 58.52 2.75 0.00 N | 96.31 4.35 0.00 N | 70.85 4.21 0.00 N | 111.56 8.14 0.38 N | 91.84 6.75 -2.62 N | 92.16 5.49 -21.08 N | 98.25 4.15 -47.54 N | 168.23 2.24 -139.23 N | 86.75 5.08 -20.44 N | 84.72 6.44 -1.56 N | 82.84 6.17 0.00 N | 75.92 5.43 0.00 N | 86.49 6.18 0.00 N | 103.72 7.30 -12.25 N | 315.46 25.58 0.00 N | 178.99 11.66 -40.80 N | 93.21 5.96 -24.47 N | 85.16 6.94 -1.59 N | 83.31 6.42 0.00 N | 75.99 5.36 0.05 N | 105.23 6.55 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 89.60 4.46 0.00 N | 61.88 2.92 0.00 N | 74.13 3.38 0.00 N | 58.52 2.75 0.00 N | 96.31 4.35 0.00 N | 70.85 4.21 0.00 N | 111.56 8.14 0.38 N | 91.84 6.75 -2.62 N | 92.16 5.49 -21.08 N | 98.25 4.15 -47.54 N | 168.23 2.24 -139.23 N | 86.75 5.08 -20.44 N | 84.72 6.44 -1.56 N | 82.84 6.17 0.00 N | 75.92 5.43 0.00 N | 86.49 6.18 0.00 N | 103.72 7.30 -12.25 N | 315.46 25.58 0.00 N | 178.99 11.66 -40.80 N | 93.21 5.96 -24.47 N | 85.16 6.94 -1.59 N | 83.31 6.42 0.00 N | 75.99 5.36 0.05 N | 105.23 6.55 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 89.54 4.40 0.00 N | 61.84 2.88 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.11 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.01 -20.44 N | 84.63 6.35 -1.56 N | 82.76 6.08 0.00 N | 75.83 5.35 0.00 N | 86.40 6.09 0.00 N | 103.64 7.22 -12.25 N | 315.09 25.21 0.00 N | 178.86 11.52 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.46 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 89.54 4.40 0.00 N | 61.84 2.88 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.11 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.01 -20.44 N | 84.63 6.35 -1.56 N | 82.76 6.08 0.00 N | 75.83 5.35 0.00 N | 86.40 6.09 0.00 N | 103.64 7.22 -12.25 N | 315.09 25.21 0.00 N | 178.86 11.52 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.46 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 89.65 4.51 0.00 N | 61.91 2.95 0.00 N | 74.16 3.41 0.00 N | 58.55 2.78 0.00 N | 96.34 4.37 0.00 N | 70.90 4.26 0.00 N | 111.65 8.22 0.38 N | 91.91 6.82 -2.62 N | 92.19 5.52 -21.08 N | 98.28 4.18 -47.54 N | 168.19 2.21 -139.23 N | 86.78 5.11 -20.44 N | 84.75 6.46 -1.56 N | 82.92 6.23 0.00 N | 75.96 5.48 0.00 N | 86.54 6.23 0.00 N | 103.81 7.39 -12.25 N | 315.67 25.79 0.00 N | 179.09 11.76 -40.80 N | 93.26 6.01 -24.47 N | 85.21 6.98 -1.59 N | 83.35 6.47 0.00 N | 76.03 5.40 0.05 N | 105.30 6.62 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 89.65 4.51 0.00 N | 61.91 2.95 0.00 N | 74.16 3.41 0.00 N | 58.55 2.78 0.00 N | 96.34 4.37 0.00 N | 70.90 4.26 0.00 N | 111.65 8.22 0.38 N | 91.91 6.82 -2.62 N | 92.19 5.52 -21.08 N | 98.28 4.18 -47.54 N | 168.19 2.21 -139.23 N | 86.78 5.11 -20.44 N | 84.75 6.46 -1.56 N | 82.92 6.23 0.00 N | 75.96 5.48 0.00 N | 86.54 6.23 0.00 N | 103.81 7.39 -12.25 N | 315.67 25.79 0.00 N | 179.09 11.76 -40.80 N | 93.26 6.01 -24.47 N | 85.21 6.98 -1.59 N | 83.35 6.47 0.00 N | 76.03 5.40 0.05 N | 105.30 6.62 0.00 N |
| RAVENSWOOD_GT_1 23729 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|---|
| RAVENSWOOD_GT_10 24258 | 89.54 4.40 0.00 N | 61.85 2.89 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.07 3.98 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.02 -20.44 N | 84.63 6.34 -1.56 N | 82.50 5.82 0.00 N | 75.85 5.36 0.00 N | 86.41 6.10 0.00 N | 103.65 7.23 -12.25 N | 315.20 25.32 0.00 N | 178.90 11.56 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.47 0.00 N | |
| RAVENSWOOD_GT_11 24259 | 89.54 4.40 0.00 N | 61.85 2.89 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.07 3.98 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.02 -20.44 N | 84.63 6.34 -1.56 N | 82.50 5.82 0.00 N | 75.85 5.36 0.00 N | 86.41 6.10 0.00 N | 103.65 7.23 -12.25 N | 315.20 25.32 0.00 N | 178.90 11.56 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.47 0.00 N | |
| RAVENSWOOD_GT_4 24252 | 89.55 4.41 0.00 N | 61.85 2.89 0.00 N | 74.09 3.34 0.00 N | 58.49 2.73 0.00 N | 96.25 4.28 0.00 N | 70.81 4.18 0.00 N | 111.45 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.10 5.42 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.22 -139.23 N | 86.71 5.04 -20.44 N | 84.65 6.36 -1.56 N | 82.79 6.11 0.00 N | 75.85 5.36 0.00 N | 86.42 6.11 0.00 N | 103.69 7.27 -12.25 N | 315.37 25.50 0.00 N | 178.99 11.65 -40.80 N | 93.15 5.90 -24.47 N | 85.09 6.87 -1.59 N | 83.21 6.33 0.00 N | 75.92 5.29 0.05 N | 105.17 6.49 0.00 N | |
| RAVENSWOOD_GT_5 24254 | 89.55 4.41 0.00 N | 61.85 2.89 0.00 N | 74.09 3.34 0.00 N | 58.49 2.73 0.00 N | 96.25 4.28 0.00 N | 70.81 4.18 0.00 N | 111.45 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.10 5.42 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.22 -139.23 N | 86.71 5.04 -20.44 N | 84.65 6.36 -1.56 N | 82.79 6.11 0.00 N | 75.85 5.36 0.00 N | 86.42 6.11 0.00 N | 103.69 7.27 -12.25 N | 315.37 25.50 0.00 N | 178.99 11.65 -40.80 N | 93.15 5.90 -24.47 N | 85.09 6.87 -1.59 N | 83.21 6.33 0.00 N | 75.92 5.29 0.05 N | 105.17 6.49 0.00 N | |
| RAVENSWOOD_GT_6 24253 | 89.55 4.41 0.00 N | 61.85 2.89 0.00 N | 74.09 3.34 0.00 N | 58.49 2.73 0.00 N | 96.25 4.28 0.00 N | 70.81 4.18 0.00 N | 111.45 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.10 5.42 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.22 -139.23 N | 86.71 5.04 -20.44 N | 84.65 6.36 -1.56 N | 82.79 6.11 0.00 N | 75.85 5.36 0.00 N | 86.42 6.11 0.00 N | 103.69 7.27 -12.25 N | 315.37 25.50 0.00 N | 178.99 11.65 -40.80 N | 93.15 5.90 -24.47 N | 85.09 6.87 -1.59 N | 83.21 6.33 0.00 N | 75.92 5.29 0.05 N | 105.17 6.49 0.00 N | |
| RAVENSWOOD_GT_7 24255 | 89.55 4.41 0.00 N | 61.85 2.89 0.00 N | 74.09 3.34 0.00 N | 58.49 2.73 0.00 N | 96.25 4.28 0.00 N | 70.81 4.18 0.00 N | 111.45 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.10 5.42 -21.08 N | 98.19 4.10 -47.54 N | 168.20 2.22 -139.23 N | 86.71 5.04 -20.44 N | 84.65 6.36 -1.56 N | 82.79 6.11 0.00 N | 75.85 5.36 0.00 N | 86.42 6.11 0.00 N | 103.69 7.27 -12.25 N | 315.37 25.50 0.00 N | 178.99 11.65 -40.80 N | 93.15 5.90 -24.47 N | 85.09 6.87 -1.59 N | 83.21 6.33 0.00 N | 75.92 5.29 0.05 N | 105.17 6.49 0.00 N | |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 89.54 4.40 0.00 N | 61.85 2.89 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.07 3.98 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.02 -20.44 N | 84.63 6.34 -1.56 N | 82.50 5.82 0.00 N | 75.85 5.36 0.00 N | 86.41 6.10 0.00 N | 103.65 7.23 -12.25 N | 315.20 25.32 0.00 N | 178.90 11.56 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.47 0.00 N | |
| RAVENSWOOD_GT_9 24257 | 89.54 4.40 0.00 N | 61.85 2.89 0.00 N | 74.07 3.32 0.00 N | 58.48 2.72 0.00 N | 96.24 4.27 0.00 N | 70.81 4.18 0.00 N | 111.46 8.03 0.38 N | 91.75 6.66 -2.62 N | 92.09 5.41 -21.08 N | 98.07 3.98 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.02 -20.44 N | 84.63 6.34 -1.56 N | 82.50 5.82 0.00 N | 75.85 5.36 0.00 N | 86.41 6.10 0.00 N | 103.65 7.23 -12.25 N | 315.20 25.32 0.00 N | 178.90 11.56 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.22 6.34 0.00 N | 75.92 5.29 0.05 N | 105.14 6.47 0.00 N | |
| RAVENSWOOD___1 23533 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N | |
| RAVENSWOOD___2 23534 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N | |
| RAVENSWOOD___3 23535 | 89.54 4.40 0.00 N | 61.85 2.89 0.00 N | 74.08 3.32 0.00 N | 58.49 2.72 0.00 N | 96.24 4.27 0.00 N | 70.82 4.18 0.00 N | 111.46 8.03 0.38 N | 91.77 6.68 -2.62 N | 92.10 5.42 -21.08 N | 98.20 4.11 -47.54 N | 168.20 2.22 -139.23 N | 86.69 5.02 -20.44 N | 84.65 6.36 -1.56 N | 82.77 6.09 0.00 N | 75.85 5.36 0.00 N | 86.41 6.10 0.00 N | 103.65 7.23 -12.25 N | 315.12 25.24 0.00 N | 178.86 11.53 -40.80 N | 93.14 5.90 -24.47 N | 85.08 6.86 -1.59 N | 83.24 6.35 0.00 N | 75.92 5.29 0.05 N | 105.16 6.48 0.00 N | |
| RAVENSWOOD___4 23820 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N | |
| RCPL_TRUST___DRP 24196 | 89.67 4.52 0.00 N | 61.91 2.95 0.00 N | 74.18 3.43 0.00 N | 58.56 2.79 0.00 N | 96.36 4.39 0.00 N | 70.91 4.28 0.00 N | 111.66 8.23 0.38 N | 91.98 6.89 -2.62 N | 92.29 5.62 -21.08 N | 98.35 4.26 -47.54 N | 168.30 2.31 -139.23 N | 86.90 5.23 -20.44 N | 84.89 6.60 -1.56 N | 83.06 6.38 0.00 N | 76.08 5.59 0.00 N | 86.69 6.38 0.00 N | 103.97 7.55 -12.25 N | 316.44 26.56 0.00 N | 179.39 12.06 -40.80 N | 93.35 6.10 -24.47 N | 85.31 7.08 -1.59 N | 83.40 6.51 0.00 N | 76.06 5.43 0.05 N | 105.33 6.65 0.00 N | |
| RENSSELAER___COGEN | 88.37 | 61.23 | 73.43 | 58.00 | 95.64 | 69.56 | 109.44 | 90.63 | 96.29 | 109.58 | 204.43 | 90.69 | 83.15 | 80.87 | 74.20 | 84.71 | 104.78 | 306.87 | 186.25 | 97.65 | 83.22 | 81.09 | 74.14 | 103.09 | |

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| 23796 | 3.22 0.00 N | 2.27 0.00 N | 2.68 0.00 N | 2.23 0.00 N | 3.67 0.00 N | 2.92 0.00 N | 5.63 0.00 N | 4.84 -3.33 N | 4.04 -26.66 N | 2.90 -60.12 N | 1.62 -176.06 N | 3.64 -25.81 N | 4.45 -1.98 N | 4.19 0.00 N | 3.71 0.00 N | 4.40 0.00 N | 5.12 -15.49 N | 16.99 0.00 N | 8.12 -51.60 N | 3.92 -30.95 N | 4.57 -2.00 N | 4.21 0.00 N | 3.50 0.04 N | 4.41 0.00 N |
| REVERE_CPPR_DRP 24186 | 85.79 0.64 0.00 N | 59.32 0.36 0.00 N | 71.15 0.39 0.00 N | 56.03 0.27 0.00 N | 92.61 0.64 0.00 N | 67.38 0.75 0.00 N | 105.82 2.01 0.00 N | 84.64 2.13 -0.05 N | 67.58 1.56 -0.43 N | 48.56 1.05 -0.96 N | 30.12 0.54 -2.82 N | 62.92 1.27 -0.41 N | 78.33 1.57 -0.03 N | 78.28 1.60 0.00 N | 71.91 1.42 0.00 N | 82.04 1.74 0.00 N | 86.75 2.34 -0.25 N | 299.46 9.58 0.00 N | 131.33 3.97 -0.82 N | 64.92 1.66 -0.49 N | 78.47 1.80 -0.03 N | 78.31 1.42 0.00 N | 71.66 0.98 0.00 N | 99.75 1.07 0.00 N |
| ROCHESTER_9_IC 23652 | 79.53 -5.62 0.00 N | 55.05 -3.92 0.00 N | 65.97 -4.78 0.00 N | 51.73 -4.04 0.00 N | 85.50 -6.47 0.00 N | 61.86 -4.78 0.00 N | 96.57 -7.66 -0.41 N | 77.70 -5.12 -0.36 N | 64.30 -3.78 -2.48 N | 49.48 -2.66 -5.59 N | 41.68 -1.46 -16.38 N | 60.06 -3.58 -2.40 N | 72.63 -4.27 -0.18 N | 72.44 -4.24 0.00 N | 66.43 -4.05 0.00 N | 76.13 -4.17 0.00 N | 81.80 -3.81 -1.44 N | 280.45 -9.43 0.00 N | 126.53 -4.81 -4.80 N | 62.51 -3.15 -2.88 N | 72.46 -4.37 -0.19 N | 72.20 -4.69 0.00 N | 66.29 -4.42 -0.03 N | 92.52 -6.16 0.00 N |
| ROSETON___1 23587 | 88.89 3.74 0.00 N | 61.49 2.53 0.00 N | 73.65 2.90 0.00 N | 58.15 2.39 0.00 N | 95.74 3.77 0.00 N | 70.14 3.51 0.00 N | 110.21 6.78 0.38 N | 90.74 5.66 -2.61 N | 91.23 4.63 -21.00 N | 97.42 3.50 -47.36 N | 167.36 1.91 -138.69 N | 85.86 4.30 -20.33 N | 83.68 5.40 -1.56 N | 81.83 5.15 0.00 N | 75.02 4.53 0.00 N | 85.51 5.21 0.00 N | 102.47 6.12 -12.18 N | 311.21 21.33 0.00 N | 176.99 9.87 -40.57 N | 92.09 4.97 -24.34 N | 84.02 5.80 -1.58 N | 82.21 5.32 0.00 N | 75.00 4.37 0.05 N | 104.09 5.41 0.00 N |
| ROSETON___2 23588 | 88.89 3.74 0.00 N | 61.49 2.53 0.00 N | 73.65 2.90 0.00 N | 58.15 2.39 0.00 N | 95.74 3.77 0.00 N | 70.14 3.51 0.00 N | 110.21 6.78 0.38 N | 90.74 5.66 -2.61 N | 91.23 4.63 -21.00 N | 97.42 3.50 -47.36 N | 167.36 1.91 -138.69 N | 85.86 4.30 -20.33 N | 83.68 5.40 -1.56 N | 81.83 5.15 0.00 N | 75.02 4.53 0.00 N | 85.51 5.21 0.00 N | 102.47 6.12 -12.18 N | 311.21 21.33 0.00 N | 176.99 9.87 -40.57 N | 92.09 4.97 -24.34 N | 84.02 5.80 -1.58 N | 82.21 5.32 0.00 N | 75.00 4.37 0.05 N | 104.09 5.41 0.00 N |
| RUSSELL___1 23602 | 77.65 -7.50 0.00 N | 53.93 -5.04 0.00 N | 64.33 -6.42 0.00 N | 50.68 -5.09 0.00 N | 83.66 -8.31 0.00 N | 60.68 -5.95 0.00 N | 95.09 -8.98 -0.27 N | 76.94 -5.87 -0.35 N | 63.66 -4.38 -2.44 N | 49.07 -2.99 -5.51 N | 41.37 -1.51 -16.12 N | 59.97 -3.63 -2.37 N | 72.07 -4.84 -0.18 N | 71.70 -4.98 0.00 N | 65.71 -4.77 0.00 N | 75.35 -4.96 0.00 N | 81.28 -4.30 -1.42 N | 279.37 -10.51 0.00 N | 125.95 -5.32 -4.72 N | 62.18 -3.43 -2.83 N | 71.95 -4.87 -0.18 N | 71.39 -5.50 0.00 N | 65.34 -5.35 -0.01 N | 90.39 -8.29 0.00 N |
| RUSSELL___2 23532 | 77.65 -7.50 0.00 N | 53.93 -5.04 0.00 N | 64.33 -6.42 0.00 N | 50.68 -5.09 0.00 N | 83.66 -8.31 0.00 N | 60.68 -5.95 0.00 N | 95.09 -8.98 -0.27 N | 76.94 -5.87 -0.35 N | 63.66 -4.38 -2.44 N | 49.07 -2.99 -5.51 N | 41.37 -1.51 -16.12 N | 59.97 -3.63 -2.37 N | 72.07 -4.84 -0.18 N | 71.70 -4.98 0.00 N | 65.71 -4.77 0.00 N | 75.35 -4.96 0.00 N | 81.28 -4.30 -1.42 N | 279.37 -10.51 0.00 N | 125.95 -5.32 -4.72 N | 62.18 -3.43 -2.83 N | 71.95 -4.87 -0.18 N | 71.39 -5.50 0.00 N | 65.34 -5.35 -0.01 N | 90.39 -8.29 0.00 N |
| RUSSELL___3 23549 | 78.59 -6.56 0.00 N | 54.49 -4.47 0.00 N | 65.21 -5.54 0.00 N | 51.23 -4.54 0.00 N | 84.62 -7.35 0.00 N | 61.26 -5.37 0.00 N | 95.77 -8.45 -0.41 N | 77.12 -5.69 -0.36 N | 63.86 -4.21 -2.48 N | 49.21 -2.94 -5.59 N | 41.59 -1.54 -16.38 N | 59.90 -3.74 -2.40 N | 72.20 -4.70 -0.18 N | 71.91 -4.77 0.00 N | 65.94 -4.55 0.00 N | 75.58 -4.72 0.00 N | 81.34 -4.27 -1.44 N | 278.86 -11.02 0.00 N | 125.85 -5.49 -4.80 N | 62.18 -3.47 -2.88 N | 71.99 -4.83 -0.19 N | 71.67 -5.22 0.00 N | 65.76 -4.96 -0.03 N | 91.45 -7.24 0.00 N |
| RUSSELL___4 23556 | 77.65 -7.50 0.00 N | 53.93 -5.04 0.00 N | 64.33 -6.42 0.00 N | 50.68 -5.09 0.00 N | 83.66 -8.33 0.00 N | 60.68 -5.95 0.00 N | 95.07 -9.00 -0.27 N | 76.93 -5.88 -0.35 N | 63.63 -4.41 -2.44 N | 49.06 -3.00 -5.51 N | 41.38 -1.50 -16.12 N | 59.95 -3.65 -2.37 N | 72.05 -4.86 -0.18 N | 71.68 -5.00 0.00 N | 65.69 -4.80 0.00 N | 75.33 -4.97 0.00 N | 81.27 -4.31 -1.42 N | 279.22 -10.66 0.00 N | 125.90 -5.37 -4.72 N | 62.16 -3.45 -2.83 N | 71.91 -4.91 -0.18 N | 71.38 -5.51 0.00 N | 65.34 -5.35 -0.01 N | 90.38 -8.30 0.00 N |
| RUSSELL___STATION 23914 | 78.59 -6.56 0.00 N | 54.49 -4.47 0.00 N | 65.21 -5.54 0.00 N | 51.23 -4.54 0.00 N | 84.62 -7.35 0.00 N | 61.26 -5.37 0.00 N | 95.77 -8.45 -0.41 N | 77.12 -5.69 -0.36 N | 63.86 -4.21 -2.48 N | 49.21 -2.94 -5.59 N | 41.59 -1.54 -16.38 N | 59.90 -3.74 -2.40 N | 72.20 -4.70 -0.18 N | 71.91 -4.77 0.00 N | 65.94 -4.55 0.00 N | 75.58 -4.72 0.00 N | 81.34 -4.27 -1.44 N | 278.86 -11.02 0.00 N | 125.85 -5.49 -4.80 N | 62.18 -3.47 -2.88 N | 71.99 -4.83 -0.19 N | 71.67 -5.22 0.00 N | 65.76 -4.96 -0.03 N | 91.45 -7.24 0.00 N |
| S SALMON___HYD 24043 | 82.75 -2.39 0.00 N | 57.21 -1.75 0.00 N | 68.65 -2.10 0.00 N | 54.05 -1.72 0.00 N | 89.29 -2.67 0.00 N | 64.92 -1.72 0.00 N | 101.64 -2.17 0.00 N | 81.32 -1.30 -0.16 N | 65.81 -1.10 -1.32 N | 48.71 -0.81 -2.97 N | 34.99 -0.46 -8.70 N | 61.43 -1.08 -1.28 N | 75.46 -1.36 -0.10 N | 75.39 -1.29 0.00 N | 69.25 -1.24 0.00 N | 78.99 -1.32 0.00 N | 83.95 -0.99 -0.77 N | 287.73 -2.14 0.00 N | 127.96 -1.13 -2.55 N | 63.46 -0.85 -1.53 N | 75.49 -1.24 -0.10 N | 75.42 -1.46 0.00 N | 69.13 -1.55 0.00 N | 96.36 -2.32 0.00 N |
| SELKIRK___II 23799 | 86.81 1.66 0.00 N | 60.19 1.23 0.00 N | 72.22 1.47 0.00 N | 57.04 1.27 0.00 N | 94.04 2.07 0.00 N | 68.28 1.64 0.00 N | 106.84 3.33 0.30 N | 88.67 2.91 -3.30 N | 94.53 2.44 -26.51 N | 108.11 1.79 -59.77 N | 202.82 1.00 -175.06 N | 89.15 2.22 -25.70 N | 81.39 2.70 -1.97 N | 79.13 2.45 0.00 N | 72.65 2.17 0.00 N | 82.90 2.59 0.00 N | 102.61 3.04 -15.40 N | 299.61 9.73 0.00 N | 182.64 4.80 -51.30 N | 95.89 2.35 -30.77 N | 81.41 2.78 -1.99 N | 79.42 2.54 0.00 N | 72.66 2.02 0.04 N | 101.07 2.39 0.00 N |
| SELKIRK___I 23801 | 87.25 2.10 0.00 N | 60.48 1.52 0.00 N | 72.58 1.82 0.00 N | 57.30 1.53 0.00 N | 94.43 2.47 0.00 N | 68.62 1.98 0.00 N | 107.15 3.63 0.30 N | 88.93 3.17 -3.30 N | 94.65 2.59 -26.47 N | 108.15 1.91 -59.69 N | 202.63 1.07 -174.80 N | 89.31 2.41 -25.66 N | 81.56 2.87 -1.96 N | 79.33 2.65 0.00 N | 72.90 2.41 0.00 N | 83.17 2.86 0.00 N | 102.92 3.37 -15.38 N | 301.05 11.18 0.00 N | 183.11 5.35 -51.22 N | 96.15 2.65 -30.73 N | 81.74 3.11 -1.99 N | 79.71 2.83 0.00 N | 72.88 2.24 0.04 N | 101.36 2.68 0.00 N |
| SENECA OSWGO___HYD 24041 | 82.58 -2.57 0.00 N | 57.14 -1.82 0.00 N | 68.56 -2.20 0.00 N | 53.97 -1.80 0.00 N | 89.11 -2.86 0.00 N | 64.68 -1.95 0.00 N | 101.24 -2.57 0.00 N | 80.98 -1.68 -0.19 N | 65.80 -1.34 -1.55 N | 49.11 -0.94 -3.50 N | 36.45 -0.55 -10.24 N | 61.42 -1.31 -1.50 N | 75.23 -1.61 -0.11 N | 75.06 -1.62 0.00 N | 68.92 -1.57 0.00 N | 78.64 -1.67 0.00 N | 83.71 -1.35 -0.90 N | 286.39 -3.49 0.00 N | 127.83 -1.70 -3.00 N | 63.49 -1.08 -1.80 N | 75.20 -1.56 -0.12 N | 75.18 -1.70 0.00 N | 68.90 -1.79 0.00 N | 96.03 -2.65 0.00 N |

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|---------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| SENECA___ENERGY 23797 | 80.29 -4.86 0.00 N | 55.51 -3.45 0.00 N | 66.61 -4.15 0.00 N | 52.39 -3.37 0.00 N | 86.50 -5.47 0.00 N | 62.93 -3.70 0.00 N | 99.12 -5.25 -0.56 N | 79.30 -3.50 -0.33 N | 65.48 -2.71 -2.60 N | 50.53 -1.88 -5.86 N | 42.83 -1.07 -17.15 N | 61.10 -2.65 -2.52 N | 73.66 -3.26 -0.19 N | 73.28 -3.40 0.00 N | 67.22 -3.27 0.00 N | 76.92 -3.39 0.00 N | 82.78 -2.89 -1.51 N | 282.30 -7.58 0.00 N | 127.79 -3.78 -5.02 N | 63.37 -2.42 -3.01 N | 73.50 -3.33 -0.19 N | 73.15 -3.73 0.00 N | 67.10 -3.66 -0.07 N | 93.48 -5.21 0.00 N |
| SHOEMAKER___GT 23640 | 88.34 3.20 0.00 N | 61.09 2.13 0.00 N | 73.19 2.44 0.00 N | 57.75 1.99 0.00 N | 95.13 3.16 0.00 N | 69.70 3.07 0.00 N | 109.44 6.01 0.38 N | 89.89 5.03 -2.39 N | 88.95 4.14 -19.22 N | 93.04 3.14 -43.34 N | 155.40 1.70 -126.94 N | 83.70 3.83 -18.64 N | 82.96 4.81 -1.43 N | 81.27 4.59 0.00 N | 74.49 4.00 0.00 N | 84.93 4.62 0.00 N | 100.81 5.48 -11.17 N | 309.29 19.41 0.00 N | 172.70 8.96 -37.20 N | 89.58 4.49 -22.32 N | 83.32 5.24 -1.44 N | 81.65 4.76 0.00 N | 74.47 3.84 0.05 N | 103.45 4.77 0.00 N |
| SHOREHAM_IC_1 23715 | 92.02 6.88 0.00 N | 74.11 5.13 -10.02 N | 80.16 5.97 -3.44 N | 65.83 4.91 -5.15 N | 105.38 7.77 -5.64 N | 87.51 6.08 -14.80 N | 115.19 9.73 -1.65 N | 91.81 6.72 -2.62 N | 92.17 5.49 -21.08 N | 98.40 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.52 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.40 7.28 -4.63 N | 88.04 7.73 0.00 N | 107.11 9.38 -13.56 N | 318.01 28.13 0.00 N | 179.24 11.90 -40.80 N | 93.54 6.29 -24.47 N | 85.74 7.52 -1.59 N | 84.30 7.18 -0.23 N | 87.55 6.55 -10.32 N | 106.30 7.61 0.00 N |
| SHOREHAM_IC_2 23716 | 92.02 6.88 0.00 N | 74.11 5.13 -10.02 N | 80.16 5.97 -3.44 N | 65.83 4.91 -5.15 N | 105.38 7.77 -5.64 N | 87.51 6.08 -14.80 N | 115.19 9.73 -1.65 N | 91.81 6.72 -2.62 N | 92.17 5.49 -21.08 N | 98.40 4.30 -47.54 N | 168.54 2.56 -139.23 N | 87.52 5.85 -20.44 N | 86.05 7.76 -1.56 N | 84.32 7.64 0.00 N | 82.40 7.28 -4.63 N | 88.04 7.73 0.00 N | 107.11 9.38 -13.56 N | 318.01 28.13 0.00 N | 179.24 11.90 -40.80 N | 93.54 6.29 -24.47 N | 85.74 7.52 -1.59 N | 84.30 7.18 -0.23 N | 87.55 6.55 -10.32 N | 106.30 7.61 0.00 N |
| SISSONVILLE___ 23735 | 86.48 1.33 0.00 N | 59.74 0.78 0.00 N | 71.71 0.95 0.00 N | 56.50 0.73 0.00 N | 93.22 1.25 0.00 N | 67.32 0.69 0.00 N | 103.30 -0.51 0.00 N | 81.03 -1.44 0.00 N | 63.83 -1.76 0.00 N | 45.13 -1.42 0.00 N | 26.10 -0.66 0.00 N | 60.45 -0.79 0.00 N | 75.43 -1.30 0.00 N | 76.40 -0.28 0.00 N | 70.36 -0.13 0.00 N | 79.81 -0.49 0.00 N | 82.22 -1.94 0.00 N | 280.60 -9.28 0.00 N | 122.06 -4.47 0.00 N | 60.74 -2.03 0.00 N | 75.07 -1.57 0.00 N | 76.43 -0.45 0.00 N | 70.92 0.23 0.00 N | 99.66 0.97 0.00 N |
| SITHE_IND_GS1 24169 | 81.86 -3.28 0.00 N | 56.68 -2.28 0.00 N | 68.01 -2.75 0.00 N | 53.55 -2.22 0.00 N | 88.34 -3.63 0.00 N | 64.05 -2.59 0.00 N | 99.93 -3.89 0.00 N | 79.76 -2.86 -0.16 N | 64.56 -2.35 -1.32 N | 47.89 -1.63 -2.97 N | 34.52 -0.94 -8.70 N | 60.30 -2.21 -1.28 N | 74.12 -2.70 -0.10 N | 73.95 -2.73 0.00 N | 67.94 -2.54 0.00 N | 77.50 -2.81 0.00 N | 82.19 -2.74 -0.77 N | 281.03 -8.85 0.00 N | 125.13 -3.96 -2.55 N | 62.20 -2.10 -1.53 N | 74.01 -2.73 -0.10 N | 74.14 -2.75 0.00 N | 68.11 -2.58 0.00 N | 95.02 -3.66 0.00 N |
| SITHE_IND_GS2 24170 | 81.86 -3.28 0.00 N | 56.68 -2.28 0.00 N | 68.01 -2.75 0.00 N | 53.55 -2.22 0.00 N | 88.34 -3.63 0.00 N | 64.05 -2.59 0.00 N | 99.93 -3.89 0.00 N | 79.76 -2.86 -0.16 N | 64.56 -2.35 -1.32 N | 47.89 -1.63 -2.97 N | 34.52 -0.94 -8.70 N | 60.30 -2.21 -1.28 N | 74.12 -2.70 -0.10 N | 73.95 -2.73 0.00 N | 67.94 -2.54 0.00 N | 77.50 -2.81 0.00 N | 82.19 -2.74 -0.77 N | 281.03 -8.85 0.00 N | 125.13 -3.96 -2.55 N | 62.20 -2.10 -1.53 N | 74.01 -2.73 -0.10 N | 74.14 -2.75 0.00 N | 68.11 -2.58 0.00 N | 95.02 -3.66 0.00 N |
| SITHE_IND_GS3 24171 | 81.86 -3.28 0.00 N | 56.68 -2.28 0.00 N | 68.01 -2.75 0.00 N | 53.55 -2.22 0.00 N | 88.34 -3.63 0.00 N | 64.05 -2.59 0.00 N | 99.93 -3.89 0.00 N | 79.76 -2.86 -0.16 N | 64.56 -2.35 -1.32 N | 47.89 -1.63 -2.97 N | 34.52 -0.94 -8.70 N | 60.30 -2.21 -1.28 N | 74.12 -2.70 -0.10 N | 73.95 -2.73 0.00 N | 67.94 -2.54 0.00 N | 77.50 -2.81 0.00 N | 82.19 -2.74 -0.77 N | 281.03 -8.85 0.00 N | 125.13 -3.96 -2.55 N | 62.20 -2.10 -1.53 N | 74.01 -2.73 -0.10 N | 74.14 -2.75 0.00 N | 68.11 -2.58 0.00 N | 95.02 -3.66 0.00 N |
| SITHE_IND_GS4 24172 | 81.86 -3.28 0.00 N | 56.68 -2.28 0.00 N | 68.01 -2.75 0.00 N | 53.55 -2.22 0.00 N | 88.34 -3.63 0.00 N | 64.05 -2.59 0.00 N | 99.93 -3.89 0.00 N | 79.76 -2.86 -0.16 N | 64.56 -2.35 -1.32 N | 47.89 -1.63 -2.97 N | 34.52 -0.94 -8.70 N | 60.30 -2.21 -1.28 N | 74.12 -2.70 -0.10 N | 73.95 -2.73 0.00 N | 67.94 -2.54 0.00 N | 77.50 -2.81 0.00 N | 82.19 -2.74 -0.77 N | 281.03 -8.85 0.00 N | 125.13 -3.96 -2.55 N | 62.20 -2.10 -1.53 N | 74.01 -2.73 -0.10 N | 74.14 -2.75 0.00 N | 68.11 -2.58 0.00 N | 95.02 -3.66 0.00 N |
| SITHE___BATAVIA 24024 | 76.94 -8.21 0.00 N | 53.24 -5.73 0.00 N | 63.86 -6.89 0.00 N | 49.92 -5.85 0.00 N | 82.51 -9.46 0.00 N | 59.31 -7.33 0.00 N | 93.37 -12.50 -2.06 N | 74.03 -8.87 -0.44 N | 61.75 -6.71 -2.87 N | 48.22 -4.80 -6.47 N | 42.99 -2.71 -18.94 N | 57.45 -6.56 -2.78 N | 69.12 -7.81 -0.21 N | 69.01 -7.67 0.00 N | 63.27 -7.22 0.00 N | 72.77 -7.54 0.00 N | 78.42 -7.41 -1.67 N | 268.79 -21.09 0.00 N | 121.86 -10.23 -5.55 N | 60.14 -5.97 -3.33 N | 68.98 -7.88 -0.22 N | 68.91 -7.98 -0.01 N | 63.81 -7.12 -0.25 N | 89.28 -9.40 0.00 N |
| SITHE___INDEPEND 23800 | 81.86 -3.28 0.00 N | 56.68 -2.28 0.00 N | 68.01 -2.75 0.00 N | 53.55 -2.22 0.00 N | 88.34 -3.63 0.00 N | 64.05 -2.59 0.00 N | 99.93 -3.89 0.00 N | 79.76 -2.86 -0.16 N | 64.56 -2.35 -1.32 N | 47.89 -1.63 -2.97 N | 34.52 -0.94 -8.70 N | 60.30 -2.21 -1.28 N | 74.12 -2.70 -0.10 N | 73.95 -2.73 0.00 N | 67.94 -2.54 0.00 N | 77.50 -2.81 0.00 N | 82.19 -2.74 -0.77 N | 281.03 -8.85 0.00 N | 125.13 -3.96 -2.55 N | 62.20 -2.10 -1.53 N | 74.01 -2.73 -0.10 N | 74.14 -2.75 0.00 N | 68.11 -2.58 0.00 N | 95.02 -3.66 0.00 N |
| SITHE___MASSENA 23902 | 86.57 1.42 0.00 N | 59.86 0.89 0.00 N | 71.84 1.09 0.00 N | 56.59 0.83 0.00 N | 93.32 1.36 0.00 N | 67.38 0.75 0.00 N | 103.88 0.07 0.00 N | 81.72 -0.74 0.00 N | 64.83 -0.76 0.00 N | 45.88 -0.68 0.00 N | 26.45 -0.31 0.00 N | 60.72 -0.51 0.00 N | 76.02 -0.70 0.00 N | 76.48 -0.20 0.00 N | 70.40 -0.08 0.00 N | 79.89 -0.41 0.00 N | 82.98 -1.19 0.00 N | 284.58 -5.29 0.00 N | 123.79 -2.75 0.00 N | 61.65 -1.12 0.00 N | 75.67 -0.97 0.00 N | 76.46 -0.42 0.00 N | 70.84 0.16 0.00 N | 99.61 0.92 0.00 N |
| SITHE___OGDNSBRG 24021 | 88.02 2.88 0.00 N | 60.79 1.83 0.00 N | 72.96 2.20 0.00 N | 57.47 1.71 0.00 N | 94.84 2.87 0.00 N | 68.55 1.92 0.00 N | 105.62 1.81 0.00 N | 83.04 0.58 0.00 N | 65.78 0.18 0.00 N | 46.51 -0.05 0.00 N | 26.83 0.07 0.00 N | 61.72 0.49 0.00 N | 77.23 0.51 0.00 N | 77.86 1.18 0.00 N | 71.70 1.21 0.00 N | 81.33 1.03 0.00 N | 84.30 0.14 0.00 N | 289.02 -0.86 0.00 N | 125.73 -0.81 0.00 N | 62.53 -0.25 0.00 N | 76.89 0.25 0.00 N | 77.78 0.90 0.00 N | 72.08 1.40 0.00 N | 101.39 2.71 0.00 N |
| SITHE___STERLING 23777 | 85.15 0.00 0.00 N | 58.89 -0.07 0.00 N | 70.64 -0.11 0.00 N | 55.63 -0.13 0.00 N | 91.89 -0.08 0.00 N | 66.83 0.20 0.00 N | 104.86 1.05 0.00 N | 83.79 1.26 -0.08 N | 67.08 0.87 -0.62 N | 48.53 0.58 -1.40 N | 31.14 0.29 -4.10 N | 62.49 0.65 -0.60 N | 77.62 0.85 -0.05 N | 77.52 0.84 0.00 N | 71.19 0.70 0.00 N | 81.23 0.92 0.00 N | 85.96 1.43 -0.36 N | 296.18 6.30 0.00 N | 130.31 2.57 -1.20 N | 64.48 0.99 -0.72 N | 77.68 1.00 -0.05 N | 77.56 0.67 0.00 N | 71.00 0.31 0.00 N | 98.88 0.20 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
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| SOUTH CAIRO___GT 23612 | 90.19 5.05 0.00 N | 62.40 3.44 0.00 N | 74.83 4.07 0.00 N | 59.06 3.30 0.00 N | 97.40 5.43 0.00 N | 71.11 4.48 0.00 N | 111.91 8.42 0.32 N | 92.61 7.21 -2.94 N | 95.15 5.96 -23.60 N | 104.13 4.36 -53.22 N | 185.03 2.41 -155.86 N | 89.57 5.45 -22.88 N | 85.26 6.79 -1.75 N | 83.19 6.51 0.00 N | 76.31 5.82 0.00 N | 87.10 6.79 0.00 N | 105.73 7.84 -13.72 N | 317.46 27.59 0.00 N | 184.86 12.65 -45.67 N | 96.33 6.16 -27.40 N | 85.64 7.23 -1.77 N | 83.55 6.66 0.00 N | 76.16 5.53 0.05 N | 105.57 6.89 0.00 N | | |
| SOUTH HAMPTN___IC 23720 | 92.58 7.44 0.00 N | 74.47 5.49 -10.02 N | 80.59 6.40 -3.44 N | 66.18 5.26 -5.15 N | 105.98 8.37 -5.64 N | 88.08 6.64 -14.80 N | 116.29 10.83 -1.65 N | 92.85 7.76 -2.62 N | 93.01 6.34 -21.08 N | 98.99 4.89 -47.54 N | 168.86 2.88 -139.23 N | 88.30 6.62 -20.44 N | 87.02 8.73 -1.56 N | 85.28 8.60 0.00 N | 83.26 8.14 -4.63 N | 89.03 8.72 0.00 N | 108.24 10.51 -13.56 N | 322.49 32.61 0.00 N | 181.18 13.85 -40.80 N | 94.44 7.20 -24.47 N | 86.77 8.55 -1.59 N | 85.25 8.14 -0.23 N | 88.30 7.29 -10.32 N | 107.14 8.45 0.00 N | | |
| SOUTHOLD___IC 23719 | 94.08 8.93 0.00 N | 75.42 6.43 -10.02 N | 81.73 7.54 -3.44 N | 67.06 6.14 -5.15 N | 107.50 9.88 -5.64 N | 89.25 7.82 -14.80 N | 118.39 12.94 -1.65 N | 94.66 9.58 -2.62 N | 94.55 7.88 -21.08 N | 100.09 6.00 -47.54 N | 169.51 3.52 -139.23 N | 89.72 8.04 -20.44 N | 88.79 10.51 -1.56 N | 87.03 10.35 0.00 N | 84.85 9.73 -4.63 N | 90.89 10.58 0.00 N | 110.37 12.64 -13.56 N | 330.65 40.77 0.00 N | 184.75 17.42 -40.80 N | 96.11 8.86 -24.47 N | 88.73 10.51 -1.59 N | 87.06 9.95 -0.23 N | 89.77 8.77 -10.32 N | 109.05 10.37 0.00 N | | |
| ST LAWRENCE____ 23600 | 85.69 0.55 0.00 N | 59.27 0.31 0.39 0.00 N | 71.14 0.39 0.00 N | 56.04 0.27 0.00 N | 92.40 0.43 0.00 N | 66.69 0.06 0.00 N | 102.80 -1.01 0.00 N | 81.08 -1.39 0.00 N | 64.38 -1.21 0.00 N | 45.57 -0.98 0.00 N | 26.27 -0.49 0.00 N | 60.24 -0.99 0.00 N | 75.49 -1.23 0.00 N | 75.83 -0.85 0.00 N | 69.83 -0.65 0.00 N | 79.24 -1.07 0.00 N | 82.36 -1.81 0.00 N | 282.57 -7.31 0.00 N | 122.99 -3.55 0.00 N | 61.24 -1.53 0.00 N | 75.13 -1.52 0.00 N | 75.82 -1.06 0.00 N | 70.11 -0.57 0.00 N | 98.59 -0.10 0.00 N | | |
| STATION 5_MISC_HYD 23604 | 73.45 -11.70 0.00 N | 50.85 -8.11 0.00 N | 60.73 -10.03 0.00 N | 47.74 -8.03 0.00 N | 78.97 -13.00 0.00 N | 57.49 -9.15 0.00 N | 90.70 -13.31 -0.21 N | 73.51 -9.30 -0.35 N | 60.93 -7.10 -2.44 N | 47.09 -4.97 -5.51 N | 40.19 -2.69 -16.12 N | 57.25 -6.35 -2.37 N | 68.87 -8.03 -0.18 N | 68.62 -8.06 0.00 N | 62.82 -7.67 0.00 N | 72.06 -8.25 0.00 N | 78.01 -7.58 -1.42 N | 268.72 -21.16 0.00 N | 121.23 -10.03 -4.72 N | 59.73 -5.88 -2.83 N | 68.91 -7.92 -0.18 N | 68.25 -8.63 0.00 N | 62.14 -8.55 -0.01 N | 85.84 -12.85 0.00 N | | |
| STURGEON_POOL_HYD 23609 | 89.56 4.42 0.00 N | 61.94 2.98 0.00 N | 74.22 3.47 0.00 N | 58.59 2.83 0.00 N | 96.51 4.54 0.00 N | 70.76 4.13 0.00 N | 111.38 7.92 0.35 N | 91.81 6.66 -2.69 N | 92.66 5.49 -21.58 N | 99.34 4.11 -48.68 N | 171.56 2.25 -142.55 N | 87.22 5.06 -20.93 N | 84.70 6.38 -1.60 N | 82.73 6.04 0.00 N | 75.83 5.34 0.00 N | 86.48 6.17 0.00 N | 103.98 7.26 -12.55 N | 315.69 25.81 0.00 N | 180.11 11.81 -41.77 N | 93.71 5.87 -25.06 N | 85.14 6.88 -1.62 N | 83.20 6.32 0.00 N | 75.77 5.14 0.05 N | 104.97 6.29 0.00 N | | |
| SYRACUSE___POWER 24017 | 82.96 -2.18 0.00 N | 57.40 -1.57 0.00 N | 68.86 -1.90 0.00 N | 54.21 -1.56 0.00 N | 89.49 -2.48 0.00 N | 65.02 -1.61 0.00 N | 101.88 -1.93 0.00 N | 81.62 -1.08 -0.24 N | 66.61 -0.88 -1.90 N | 50.21 -0.62 -4.28 N | 38.93 -0.37 -12.54 N | 62.15 -0.92 -1.84 N | 75.78 -1.09 -0.14 N | 75.53 -1.14 0.00 N | 69.36 -1.13 0.00 N | 79.14 -1.17 0.00 N | 84.52 -0.75 -1.10 N | 288.72 -1.16 0.00 N | 129.50 -0.71 -3.67 N | 64.31 -0.67 -2.21 N | 75.72 -1.06 -0.14 N | 75.56 -1.33 0.00 N | 69.24 -1.45 0.00 N | 96.48 -2.21 0.00 N | | |
| Stony___Brook 24151 | 91.58 6.44 0.00 N | 73.80 4.82 -10.02 N | 79.80 5.60 -3.44 N | 65.55 4.63 -5.15 N | 104.92 7.31 -5.64 N | 87.28 5.85 -14.80 N | 114.99 9.53 -1.65 N | 91.83 6.74 -2.62 N | 92.22 5.55 -21.08 N | 98.46 4.37 -47.54 N | 168.58 2.59 -139.23 N | 87.63 5.96 -20.44 N | 86.24 7.95 -1.56 N | 84.52 7.84 0.00 N | 82.63 7.51 -4.63 N | 88.30 8.00 0.00 N | 107.24 9.51 -13.56 N | 315.95 26.07 0.00 N | 178.12 10.78 -40.80 N | 93.12 5.87 -24.47 N | 85.70 7.48 -1.59 N | 84.23 7.12 -0.23 N | 87.38 6.38 -10.32 N | 105.84 7.15 0.00 N | | |
| UPPER HUDSON___HYD 24058 | 86.37 1.22 0.00 N | 59.86 0.90 0.00 N | 71.70 0.95 0.00 N | 56.73 0.97 0.00 N | 93.74 1.77 0.00 N | 68.33 1.70 0.00 N | 108.26 4.45 0.00 N | 89.95 4.02 -3.47 N | 96.79 3.41 -27.78 N | 111.58 2.37 -62.66 N | 211.58 1.30 -183.52 N | 91.18 2.97 -26.98 N | 82.22 3.43 -2.07 N | 79.87 3.19 0.00 N | 73.24 2.76 0.00 N | 83.69 3.39 0.00 N | 104.70 4.39 -16.15 N | 304.48 14.60 0.00 N | 187.62 7.31 -53.77 N | 98.44 3.41 -32.26 N | 82.41 3.68 -2.09 N | 79.94 3.06 0.00 N | 73.01 2.32 0.00 N | 101.23 2.55 0.00 N | | |
| UPPER RAQUET___HYD 24056 | 86.48 1.33 0.00 N | 59.74 0.78 0.00 N | 71.71 0.95 0.00 N | 56.50 0.73 0.00 N | 93.22 1.25 0.00 N | 67.32 0.69 0.00 N | 103.30 -0.51 0.00 N | 81.03 -1.44 0.00 N | 63.83 -1.76 0.00 N | 45.13 -1.42 0.00 N | 26.10 -0.66 0.00 N | 60.45 -0.79 0.00 N | 75.43 -1.30 0.00 N | 76.40 -0.28 0.00 N | 70.36 -0.13 0.00 N | 79.81 -0.49 0.00 N | 82.22 -1.94 0.00 N | 280.60 -9.28 0.00 N | 122.06 -4.47 0.00 N | 60.74 -2.03 0.00 N | 75.07 -1.57 0.00 N | 76.43 -0.45 0.00 N | 70.92 0.23 0.00 N | 99.66 0.97 0.00 N | | |
| VISCHER___FERRY HYD 24020 | 88.05 2.90 0.00 N | 60.99 2.03 0.00 N | 73.10 2.35 0.00 N | 57.79 2.02 0.00 N | 95.34 3.37 0.00 N | 69.33 2.70 0.00 N | 109.31 5.50 0.00 N | 90.58 4.75 -3.36 N | 96.53 4.01 -26.93 N | 110.17 2.89 -60.73 N | 206.22 1.62 -177.85 N | 90.94 3.63 -26.08 N | 83.10 4.38 -2.00 N | 80.79 4.11 0.00 N | 74.08 3.59 0.00 N | 84.63 4.32 -15.65 N | 104.91 5.09 0.00 N | 306.52 16.65 0.00 N | 186.77 8.12 -52.12 N | 97.91 3.86 -31.27 N | 83.06 4.40 -2.02 N | 80.87 3.98 0.00 N | 73.99 3.30 0.00 N | 102.79 4.11 0.00 N | | |
| WADING RIVER_IC_1 23522 | 91.73 6.59 0.00 N | 73.91 4.93 -10.02 N | 79.93 5.74 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.31 5.88 -14.80 N | 114.88 9.42 -1.65 N | 91.56 6.48 -2.62 N | 91.96 5.29 -21.08 N | 98.24 4.14 -47.54 N | 168.44 2.46 -139.23 N | 87.32 5.65 -20.44 N | 85.80 7.52 -1.56 N | 84.09 7.41 0.00 N | 82.17 7.06 -4.63 N | 87.77 7.47 0.00 N | 106.79 9.06 -13.56 N | 316.83 26.95 0.00 N | 178.74 11.40 -40.80 N | 93.29 6.05 -24.47 N | 85.46 7.24 -1.59 N | 84.03 6.92 -0.23 N | 87.31 6.31 -10.32 N | 105.98 7.30 0.00 N | | |
| WADING RIVER_IC_2 23547 | 91.73 6.59 0.00 N | 73.91 4.93 -10.02 N | 79.93 5.74 -3.44 N | 65.66 4.74 -5.15 N | 105.10 7.49 -5.64 N | 87.31 5.88 -14.80 N | 114.88 9.42 -1.65 N | 91.56 6.48 -2.62 N | 91.96 5.29 -21.08 N | 98.24 4.14 -47.54 N | 168.44 2.46 -139.23 N | 87.32 5.65 -20.44 N | 85.80 7.52 -1.56 N | 84.09 7.41 0.00 N | 82.17 7.06 -4.63 N | 87.77 7.47 0.00 N | 106.79 9.06 -13.56 N | 316.83 26.95 0.00 N | 178.74 11.40 -40.80 N | 93.29 6.05 -24.47 N | 85.46 7.24 -1.59 N | 84.03 6.92 -0.23 N | 87.31 6.31 -10.32 N | 105.98 7.30 0.00 N | | |
| WADING RIVER_IC_3 | 91.73 | 73.91 | 79.93 | 65.66 | 105.10 | 87.31 | 114.88 | 91.56 | 91.96 | 98.24 | 168.44 | 87.32 | 85.80 | 84.09 | 82.17 | 87.77 | 106.79 | 316.83 | 178.74 | 93.29 | 85.46 | 84.03 | 87.31 | 105.98 | | |

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|----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|-----------------------------|
| 23601 | 6.59 0.00 N | 4.93 -10.02 N | 5.74 -3.44 N | 4.74 -5.15 N | 7.49 -5.64 N | 5.88 -14.80 N | 9.42 -1.65 N | 6.48 -2.62 N | 5.29 -21.08 N | 4.14 -47.54 N | 2.46 -139.23 N | 5.65 -20.44 N | 7.52 -1.56 N | 7.41 0.00 N | 7.06 -4.63 N | 7.47 0.00 N | 9.06 -13.56 N | 26.95 0.00 N | 11.40 -40.80 N | 6.05 -24.47 N | 7.24 -1.59 N | 6.92 -0.23 N | 6.31 -10.32 N | 7.30 0.00 N |
| WALDEN___HYDRO 24148 | 88.88 3.74 0.00 N | 61.34 2.38 0.00 N | 73.36 2.60 0.00 N | 57.87 2.10 0.00 N | 95.22 3.25 0.00 N | 69.81 3.18 0.00 N | 110.06 6.63 0.38 N | 90.71 5.67 -2.57 N | 90.89 4.65 -20.65 N | 96.65 3.52 -46.58 N | 165.11 1.94 -136.41 N | 85.62 4.36 -20.03 N | 83.77 5.51 -1.53 N | 81.87 5.19 0.00 N | 75.04 4.55 0.00 N | 85.66 5.35 0.00 N | 102.54 6.36 -12.00 N | 312.65 22.77 0.00 N | 177.12 10.61 -39.97 N | 92.08 5.33 -23.98 N | 84.39 6.20 -1.55 N | 82.55 5.67 0.00 N | 75.18 4.56 0.05 N | 104.21 5.53 0.00 N |
| WARRENSBURG___ 23737 | 86.48 1.33 0.00 N | 59.94 0.98 0.00 N | 71.79 1.03 0.00 N | 56.80 1.03 0.00 N | 93.85 1.88 0.00 N | 68.41 1.77 0.00 N | 108.41 4.60 0.00 N | 90.07 4.13 -3.47 N | 96.88 3.51 -27.78 N | 111.65 2.44 -62.66 N | 211.63 1.35 -183.52 N | 91.28 3.07 -26.98 N | 82.33 3.55 -2.07 N | 80.00 3.32 0.00 N | 73.36 2.87 0.00 N | 83.81 3.51 0.00 N | 104.84 4.53 -16.15 N | 304.95 15.08 0.00 N | 187.81 7.49 -53.77 N | 98.54 3.50 -32.26 N | 82.51 3.78 -2.09 N | 80.08 3.20 0.00 N | 73.11 2.43 0.00 N | 101.34 2.66 0.00 N |
| WATERSIDE___6 8 9 23538 | 89.51 4.37 0.00 N | 61.84 2.88 0.00 N | 74.07 3.31 0.00 N | 58.48 2.72 0.00 N | 96.16 4.19 0.00 N | 70.82 4.19 0.00 N | 111.50 8.07 0.38 N | 91.83 6.74 -2.62 N | 92.09 5.41 -21.08 N | 98.20 4.10 -47.54 N | 176.48 2.21 -147.51 N | 96.50 4.96 -30.31 N | 99.00 6.28 -16.00 N | 98.83 6.02 -16.13 N | 99.00 5.31 -23.20 N | 102.97 6.01 -16.65 N | 135.66 7.11 -44.38 N | 333.88 24.06 -19.95 N | 221.86 10.96 -84.36 N | 114.23 5.81 -45.65 N | 91.84 6.81 -8.39 N | 86.73 6.37 -3.47 N | 92.25 5.32 -16.25 N | 105.13 6.45 0.00 N |
| WEST BABYLON___IC 23714 | 91.96 6.81 0.00 N | 73.96 4.98 -10.02 N | 79.97 5.78 -3.44 N | 65.66 4.74 -5.15 N | 105.12 7.51 -5.64 N | 87.76 6.33 -14.80 N | 116.29 10.83 -1.65 N | 93.27 8.18 -2.62 N | 93.38 6.70 -21.08 N | 99.27 5.18 -47.54 N | 168.97 2.99 -139.23 N | 88.50 6.83 -20.44 N | 87.22 8.93 -1.56 N | 85.46 8.77 0.00 N | 83.26 8.14 -4.63 N | 88.98 8.67 0.00 N | 107.98 10.25 -13.56 N | 321.89 32.01 0.00 N | 181.31 13.98 -40.80 N | 94.55 7.30 -24.47 N | 86.83 8.61 -1.59 N | 85.30 8.19 -0.23 N | 88.24 7.23 -10.32 N | 106.99 8.31 0.00 N |
| WEST CANADA___HYD 24049 | 85.40 0.25 0.00 N | 59.14 0.18 0.00 N | 70.97 0.21 0.00 N | 55.93 0.17 0.00 N | 92.24 0.28 0.00 N | 66.90 0.27 0.00 N | 104.44 0.63 0.00 N | 82.99 0.59 0.06 N | 65.55 0.46 0.50 N | 45.79 0.37 1.14 N | 23.61 0.18 3.33 N | 61.17 0.43 0.49 N | 77.22 0.54 0.04 N | 77.18 0.50 0.00 N | 70.91 0.42 0.00 N | 80.87 0.56 0.00 N | 84.46 0.59 0.29 N | 292.18 2.30 0.00 N | 126.64 1.07 0.98 N | 62.69 0.50 0.59 N | 77.21 0.60 0.04 N | 77.39 0.51 0.00 N | 71.09 0.41 0.00 N | 99.10 0.41 0.00 N |
| WESTERN_NY_WIND 24143 | 76.83 -8.32 0.00 N | 53.16 -5.80 0.00 N | 63.79 -6.97 0.00 N | 49.84 -5.92 0.00 N | 82.40 -9.57 0.00 N | 59.20 -7.43 0.00 N | 93.31 -12.71 -2.21 N | 73.88 -9.03 -0.44 N | 61.67 -6.83 -2.91 N | 48.22 -4.89 -6.55 N | 43.20 -2.75 -19.20 N | 57.36 -6.69 -2.82 N | 68.97 -7.97 -0.22 N | 68.87 -7.81 0.00 N | 63.15 -7.33 0.00 N | 72.63 -7.68 0.00 N | 78.30 -7.55 -1.69 N | 268.26 -21.62 0.00 N | 121.68 -10.48 -5.62 N | 60.07 -6.08 -3.37 N | 68.83 -8.03 -0.22 N | 68.77 -8.12 -0.01 N | 63.72 -7.24 -0.27 N | 89.17 -9.51 0.00 N |
| YORK___WARBASSE 23770 | 89.73 4.58 0.00 N | 61.85 2.89 0.00 N | 74.02 3.27 0.00 N | 58.42 2.66 0.00 N | 96.07 4.10 0.00 N | 70.84 4.21 0.00 N | 111.62 8.19 0.38 N | 92.07 6.98 -2.62 N | 92.30 5.62 -21.08 N | 98.41 4.31 -47.54 N | 176.62 2.34 -147.51 N | 96.78 5.24 -30.31 N | 99.36 6.64 -16.00 N | 99.23 6.42 -16.13 N | 99.33 5.64 -23.20 N | 103.31 6.36 -16.65 N | 135.99 7.44 -44.38 N | 334.82 25.00 -19.95 N | 222.17 11.28 -84.36 N | 183.50 6.20 -114.53 N | 318.20 7.28 -234.29 N | 181.70 6.71 -98.11 N | 92.45 5.52 -16.25 N | 105.37 6.69 0.00 N |