

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

05/13/2009

| Name PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| 59TH STREET_GT_1 24138 | 11.28 0.71 0.00 N | 12.24 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.68 0.00 N | 38.38 2.17 0.00 N | 17.91 1.03 -0.72 N | 10.63 0.97 0.00 N | 72.49 5.18 0.00 N | 79.01 5.99 0.00 N | 40.14 3.21 0.00 N | 45.28 3.64 0.00 N | 32.36 2.56 0.00 N | 47.21 3.79 0.00 N | 46.50 3.84 0.00 N | 43.87 3.80 0.00 N | 44.64 3.84 0.00 N | 44.63 3.88 0.00 N | 138.98 10.39 -15.18 N | 51.22 3.85 -5.16 N | 60.75 2.93 -24.65 N | 221.15 17.48 0.00 N | 42.54 3.42 -0.02 N | 43.35 2.56 -11.24 N | 47.81 1.64 -24.79 N |
| 74TH STREET_GT_1 24260 | 11.26 0.70 0.00 N | 12.22 0.74 0.00 N | 15.30 0.90 0.00 N | 28.54 1.63 0.00 N | 38.32 2.10 0.00 N | 17.89 1.01 -0.72 N | 10.62 0.96 0.00 N | 72.35 5.03 0.00 N | 78.82 5.80 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.10 3.68 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.72 0.00 N | 44.52 3.76 0.00 N | 138.64 10.05 -15.19 N | 51.11 3.74 -5.16 N | 60.67 2.84 -24.66 N | 220.57 16.90 0.00 N | 42.45 3.34 -0.02 N | 43.29 2.50 -11.24 N | 47.78 1.60 -24.79 N |
| 74TH STREET_GT_2 24261 | 11.26 0.70 0.00 N | 12.22 0.74 0.00 N | 15.30 0.90 0.00 N | 28.54 1.63 0.00 N | 38.32 2.10 0.00 N | 17.89 1.01 -0.72 N | 10.62 0.96 0.00 N | 72.35 5.03 0.00 N | 78.82 5.80 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.10 3.68 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.72 0.00 N | 44.52 3.76 0.00 N | 138.64 10.05 -15.19 N | 51.11 3.74 -5.16 N | 60.67 2.84 -24.66 N | 220.57 16.90 0.00 N | 42.45 3.34 -0.02 N | 43.29 2.50 -11.24 N | 47.78 1.60 -24.79 N |
| ADK HUDSON___FALLS 24011 | 11.06 0.49 0.00 N | 12.08 0.59 0.00 N | 15.19 0.79 0.00 N | 28.41 1.50 0.00 N | 38.27 2.06 0.00 N | 18.18 1.08 -0.94 N | 10.54 0.89 0.00 N | 71.31 3.99 0.00 N | 77.73 4.71 0.00 N | 39.15 2.22 0.00 N | 44.37 2.73 0.00 N | 31.52 1.73 0.00 N | 45.95 2.53 0.00 N | 44.77 2.12 0.00 N | 42.18 2.11 0.00 N | 43.38 2.57 0.00 N | 43.05 2.30 0.00 N | 140.08 6.98 -19.69 N | 51.56 2.66 -6.69 N | 67.38 2.24 -31.98 N | 216.86 13.19 0.00 N | 41.42 2.30 -0.03 N | 45.97 1.85 -14.57 N | 54.79 1.30 -32.10 N |
| ADK RESOURCE___RCVRY 23798 | 11.06 0.49 0.00 N | 12.08 0.59 0.00 N | 15.19 0.79 0.00 N | 28.41 1.50 0.00 N | 38.27 2.06 0.00 N | 18.18 1.08 -0.94 N | 10.54 0.89 0.00 N | 71.31 3.99 0.00 N | 77.73 4.71 0.00 N | 39.15 2.22 0.00 N | 44.37 2.73 0.00 N | 31.52 1.73 0.00 N | 45.95 2.53 0.00 N | 44.77 2.12 0.00 N | 42.18 2.11 0.00 N | 43.38 2.57 0.00 N | 43.05 2.30 0.00 N | 140.08 6.98 -19.69 N | 51.56 2.66 -6.69 N | 67.38 2.24 -31.98 N | 216.86 13.19 0.00 N | 41.42 2.30 -0.03 N | 45.97 1.85 -14.57 N | 54.79 1.30 -32.10 N |
| ADK S GLENS___FALLS 24028 | 11.06 0.49 0.00 N | 12.08 0.59 0.00 N | 15.19 0.79 0.00 N | 28.41 1.50 0.00 N | 38.27 2.06 0.00 N | 18.18 1.08 -0.94 N | 10.54 0.89 0.00 N | 71.31 3.99 0.00 N | 77.73 4.71 0.00 N | 39.15 2.22 0.00 N | 44.37 2.73 0.00 N | 31.52 1.73 0.00 N | 45.95 2.53 0.00 N | 44.77 2.12 0.00 N | 42.18 2.11 0.00 N | 43.38 2.57 0.00 N | 43.05 2.30 0.00 N | 140.08 6.98 -19.69 N | 51.56 2.66 -6.69 N | 67.38 2.24 -31.98 N | 216.86 13.19 0.00 N | 41.42 2.30 -0.03 N | 45.97 1.85 -14.57 N | 54.79 1.30 -32.10 N |
| ADK_NYS___DAM 23527 | 11.06 0.49 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.42 0.00 N | 38.11 1.90 0.00 N | 18.06 0.99 -0.91 N | 10.27 0.62 0.00 N | 70.18 2.87 0.00 N | 76.60 3.58 0.00 N | 38.61 1.69 0.00 N | 43.66 2.01 0.00 N | 31.04 1.25 0.00 N | 45.28 1.85 0.00 N | 44.46 1.81 0.00 N | 41.86 1.79 0.00 N | 42.80 1.99 0.00 N | 42.75 2.00 0.00 N | 138.72 6.13 -19.19 N | 51.01 2.29 -6.52 N | 66.11 1.78 -31.15 N | 213.48 9.81 0.00 N | 40.80 1.69 -0.03 N | 45.26 1.51 -14.19 N | 53.80 1.13 -31.28 N |
| AIR_PRODUCTS___DRP 24190 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| ALBANY___1 23571 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| ALBANY___2 23572 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| ALBANY___3 | 10.93 | 11.96 | 15.02 | 28.06 | 37.76 | 17.90 | 10.08 | 68.98 | 74.98 | 37.88 | 42.74 | 30.53 | 44.46 | 43.67 | 41.10 | 41.93 | 41.89 | 136.02 | 50.01 | 65.41 | 209.21 | 40.09 | 44.62 | 53.38 |

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| 23573 | 0.36 0.00 N | 0.47 0.00 N | 0.61 0.00 N | 1.15 0.00 N | 1.55 0.00 N | 0.82 -0.91 N | 0.42 0.00 N | 1.66 0.00 N | 1.95 0.00 N | 0.95 0.00 N | 1.10 0.00 N | 0.73 0.00 N | 1.04 0.00 N | 1.02 0.00 N | 1.03 0.00 N | 1.13 0.00 N | 1.14 0.00 N | 3.35 -19.26 N | 1.26 -6.54 N | 0.97 -31.27 N | 5.54 0.00 N | 0.97 -0.03 N | 0.82 -14.25 N | 0.61 -31.39 N |
| ALBANY____4 23574 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| ALBANY____LFGE 323615 | 11.00 0.43 0.00 N | 12.02 0.54 0.00 N | 15.09 0.69 0.00 N | 28.20 1.29 0.00 N | 37.96 1.75 0.00 N | 18.00 0.91 -0.93 N | 10.19 0.53 0.00 N | 69.75 2.44 0.00 N | 75.84 2.82 0.00 N | 38.33 1.41 0.00 N | 43.30 1.65 0.00 N | 30.91 1.12 0.00 N | 45.06 1.64 0.00 N | 44.26 1.60 0.00 N | 41.65 1.58 0.00 N | 42.47 1.67 0.00 N | 42.46 1.71 0.00 N | 138.02 4.99 -19.62 N | 50.70 1.83 -6.66 N | 66.43 1.41 -31.85 N | 211.98 8.31 0.00 N | 40.60 1.48 -0.03 N | 45.22 1.16 -14.51 N | 54.18 0.83 -31.97 N |
| ALCOA_RYNLDS____DRP 24188 | 9.34 -1.23 0.00 N | 10.13 -1.36 0.00 N | 12.61 -1.79 0.00 N | 23.54 -3.37 0.00 N | 33.07 -3.14 0.00 N | 15.01 -1.11 0.03 N | 8.45 -1.20 0.00 N | 59.59 -7.72 0.00 N | 63.60 -9.43 0.00 N | 31.58 -5.35 0.00 N | 36.43 -5.21 0.00 N | 25.74 -4.06 0.00 N | 35.98 -7.44 0.00 N | 35.30 -7.36 0.00 N | 31.39 -8.67 0.00 N | 32.66 -8.14 0.00 N | 32.79 -7.97 0.00 N | 92.00 -20.66 0.74 N | 33.92 -8.04 0.25 N | 25.73 -6.23 1.21 N | 164.60 -39.07 0.00 N | 31.75 -7.34 0.00 N | 23.19 -5.83 0.53 N | 16.80 -3.41 1.17 N |
| ALLEGHENY____COGEN 23514 | 11.01 0.45 0.00 N | 11.88 0.39 0.00 N | 14.78 0.38 0.00 N | 27.72 0.81 0.00 N | 37.14 0.92 0.00 N | 16.45 0.17 -0.12 N | 9.50 -0.16 0.00 N | 69.03 1.72 0.00 N | 74.88 1.86 0.00 N | 37.94 1.01 0.00 N | 42.53 0.89 0.00 N | 30.38 0.58 0.00 N | 44.64 1.22 0.00 N | 43.70 1.04 0.00 N | 41.03 0.96 0.00 N | 41.68 0.88 0.00 N | 41.67 0.91 0.00 N | 118.90 2.87 -2.63 N | 44.47 1.36 -0.89 N | 38.51 1.07 -4.27 N | 211.51 7.84 0.00 N | 40.76 1.67 0.00 N | 32.45 1.00 -1.90 N | 26.24 0.66 -4.20 N |
| ALTONA_WT_PWR 323606 | 9.15 -1.42 0.00 N | 9.87 -1.61 0.00 N | 12.28 -2.12 0.00 N | 22.88 -4.03 0.00 N | 32.13 -4.08 0.00 N | 14.64 -1.48 0.04 N | 8.30 -1.35 0.00 N | 59.36 -7.95 0.00 N | 63.63 -9.39 0.00 N | 31.50 -5.43 0.00 N | 36.05 -5.59 0.00 N | 25.47 -4.33 0.00 N | 36.01 -7.40 0.00 N | 35.21 -7.44 0.00 N | 31.24 -8.83 0.00 N | 32.13 -8.67 0.00 N | 32.33 -8.43 0.00 N | 90.02 -22.56 0.83 N | 33.13 -8.80 0.28 N | 25.04 -6.79 1.34 N | 161.05 -42.62 0.00 N | 31.00 -8.09 0.00 N | 22.53 -6.43 0.59 N | 16.08 -4.00 1.31 N |
| AMERICAN_REF_FUEL 24010 | 10.11 -0.46 0.00 N | 10.90 -0.58 0.00 N | 13.57 -0.83 0.00 N | 25.26 -1.65 0.00 N | 33.88 -2.34 0.00 N | 14.76 -1.48 -0.09 N | 7.40 -2.26 0.00 N | 60.45 -6.86 0.00 N | 64.80 -8.23 0.00 N | 32.78 -4.14 0.00 N | 36.84 -4.81 0.00 N | 26.53 -3.27 0.00 N | 38.58 -4.84 0.00 N | 37.78 -4.88 0.00 N | 35.39 -4.68 0.00 N | 35.77 -5.03 0.00 N | 35.80 -4.96 0.00 N | 101.20 -14.04 -1.84 N | 37.71 -5.12 -0.62 N | 32.16 -3.99 -2.98 N | 178.16 -25.51 0.00 N | 34.55 -4.54 0.00 N | 27.98 -2.90 -1.34 N | 22.90 -1.43 -2.95 N |
| ARTHUR_KILL_GT_1 23520 | 11.34 0.78 0.00 N | 12.30 0.81 0.00 N | 15.39 0.99 0.00 N | 28.70 1.80 0.00 N | 38.53 2.32 0.00 N | 17.98 1.10 -0.72 N | 10.67 1.02 0.00 N | 72.66 5.35 0.00 N | 79.20 6.18 0.00 N | 40.28 3.35 0.00 N | 45.34 3.70 0.00 N | 32.39 2.59 0.00 N | 47.26 3.84 0.00 N | 46.59 3.93 0.00 N | 43.95 3.88 0.00 N | 44.68 3.87 0.00 N | 44.66 3.90 0.00 N | 138.60 10.01 -15.19 N | 51.29 3.92 -5.16 N | 60.82 3.00 -24.66 N | 220.88 17.21 0.00 N | 42.75 3.63 -0.03 N | 43.46 2.68 -11.24 N | 47.91 1.73 -24.79 N |
| ARTHUR_KILL_2 23512 | 11.34 0.78 0.00 N | 12.30 0.81 0.00 N | 15.39 0.99 0.00 N | 28.70 1.80 0.00 N | 38.53 2.32 0.00 N | 17.98 1.10 -0.72 N | 10.67 1.02 0.00 N | 72.66 5.35 0.00 N | 79.20 6.18 0.00 N | 40.28 3.35 0.00 N | 45.34 3.70 0.00 N | 32.39 2.59 0.00 N | 47.26 3.84 0.00 N | 46.59 3.93 0.00 N | 43.95 3.88 0.00 N | 44.68 3.87 0.00 N | 44.66 3.90 0.00 N | 138.60 10.01 -15.19 N | 51.29 3.92 -5.16 N | 60.82 3.00 -24.66 N | 220.88 17.21 0.00 N | 42.75 3.63 -0.03 N | 43.46 2.68 -11.24 N | 47.91 1.73 -24.79 N |
| ARTHUR_KILL_3 23513 | 11.25 0.68 0.00 N | 12.20 0.71 0.00 N | 15.27 0.87 0.00 N | 28.47 1.56 0.00 N | 38.23 2.02 0.00 N | 17.86 0.98 -0.72 N | 10.59 0.93 0.00 N | 72.21 4.90 0.00 N | 78.74 5.71 0.00 N | 40.01 3.09 0.00 N | 45.11 3.47 0.00 N | 32.25 2.46 0.00 N | 47.07 3.65 0.00 N | 46.36 3.71 0.00 N | 43.76 3.69 0.00 N | 44.50 3.70 0.00 N | 44.50 3.74 0.00 N | 138.53 9.94 -15.18 N | 51.07 3.70 -5.16 N | 60.64 2.81 -24.66 N | 220.54 16.87 0.00 N | 42.42 3.31 -0.02 N | 43.24 2.46 -11.24 N | 47.74 1.56 -24.79 N |
| ASHOKAN____ 23654 | 11.23 0.65 0.00 N | 12.21 0.72 0.00 N | 15.30 0.90 0.00 N | 28.58 1.68 0.00 N | 38.43 2.21 0.00 N | 18.02 1.08 -0.78 N | 10.55 0.89 0.00 N | 72.24 4.92 0.00 N | 78.52 5.49 0.00 N | 39.77 2.84 0.00 N | 44.89 3.25 0.00 N | 32.08 2.29 0.00 N | 46.77 3.35 0.00 N | 45.97 3.32 0.00 N | 43.28 3.21 0.00 N | 44.06 3.26 0.00 N | 43.91 3.16 0.00 N | 138.29 8.71 -16.17 N | 51.01 3.31 -5.50 N | 62.04 2.61 -26.26 N | 220.25 16.58 0.00 N | 42.28 3.16 -0.02 N | 44.00 2.43 -12.01 N | 49.72 1.59 -26.75 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 11.30 0.74 0.00 N | 12.25 0.76 0.00 N | 15.32 0.92 0.00 N | 28.58 1.68 0.00 N | 38.37 2.16 0.00 N | 17.87 0.99 -0.72 N | 10.67 1.02 0.00 N | 72.57 5.26 0.00 N | 78.97 5.95 0.00 N | 40.26 3.33 0.00 N | 45.28 3.63 0.00 N | 32.34 2.54 0.00 N | 47.22 3.79 0.00 N | 46.53 3.87 0.00 N | 43.92 3.86 0.00 N | 44.68 3.87 0.00 N | 44.65 3.89 0.00 N | 138.57 9.98 -15.19 N | 51.21 3.84 -5.16 N | 60.74 2.91 -24.66 N | 220.63 16.95 0.00 N | 42.65 3.54 -0.02 N | 43.46 2.67 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 11.31 0.74 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.39 2.18 0.00 N | 17.89 1.01 -0.72 N | 10.66 1.01 0.00 N | 72.58 5.26 0.00 N | 78.99 5.97 0.00 N | 40.27 3.34 0.00 N | 45.29 3.65 0.00 N | 32.35 2.56 0.00 N | 47.23 3.81 0.00 N | 46.55 3.89 0.00 N | 43.93 3.86 0.00 N | 44.69 3.89 0.00 N | 44.67 3.92 0.00 N | 138.61 10.02 -15.19 N | 51.22 3.85 -5.16 N | 60.75 2.93 -24.66 N | 220.68 17.01 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.68 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT2_1 24094 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |

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| ASTORIA_GT2_2 24095 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT2_3 24096 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT2_4 24097 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT3_1 24098 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT3_2 24099 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT3_3 24100 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT3_4 24101 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT4_1 24102 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT4_2 24103 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT4_3 24104 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT4_4 24105 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT_1 23523 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N |
| ASTORIA_GT_10 24110 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N |
| ASTORIA_GT_11 24225 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N |

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|------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|-------------------------------|-----------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ASTORIA_GT_12 24226 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N | |
| ASTORIA_GT_13 24227 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N | |
| ASTORIA_GT_5 24106 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N | |
| ASTORIA_GT_7 24107 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N | |
| ASTORIA_GT_8 24108 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N | |
| ASTORIA___2 24149 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N | |
| ASTORIA___3 23516 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N | |
| ASTORIA___4 23517 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N | |
| ASTORIA___5 23518 | 11.31 0.75 0.00 N | 12.26 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.70 0.00 N | 38.40 2.19 0.00 N | 17.88 1.00 -0.72 N | 10.67 1.01 0.00 N | 72.60 5.28 0.00 N | 79.02 6.00 0.00 N | 40.27 3.34 0.00 N | 45.30 3.66 0.00 N | 32.36 2.56 0.00 N | 47.25 3.82 0.00 N | 46.56 3.91 0.00 N | 43.95 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.65 10.06 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.93 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.47 2.69 -11.24 N | 47.98 1.80 -24.79 N | |
| ATHENS_STG_1 23668 | 10.85 0.28 0.00 N | 11.81 0.33 0.00 N | 14.83 0.43 0.00 N | 27.70 0.80 0.00 N | 37.28 1.06 0.00 N | 17.50 0.55 -0.80 N | 10.10 0.44 0.00 N | 69.46 2.15 0.00 N | 75.49 2.46 0.00 N | 38.23 1.31 0.00 N | 43.15 1.50 0.00 N | 30.87 1.07 0.00 N | 44.97 1.55 0.00 N | 44.21 1.55 0.00 N | 41.63 1.57 0.00 N | 42.42 1.62 0.00 N | 42.41 1.66 0.00 N | 134.71 4.54 -16.77 N | 49.68 1.77 -5.70 N | 61.79 1.40 -27.22 N | 211.90 8.23 0.00 N | 40.74 1.63 -0.02 N | 43.27 1.32 -12.41 N | 49.62 0.88 -27.36 N | |
| ATHENS_STG_2 23670 | 10.85 0.28 0.00 N | 11.81 0.33 0.00 N | 14.83 0.43 0.00 N | 27.70 0.80 0.00 N | 37.28 1.06 0.00 N | 17.50 0.55 -0.80 N | 10.10 0.44 0.00 N | 69.46 2.15 0.00 N | 75.49 2.46 0.00 N | 38.23 1.31 0.00 N | 43.15 1.50 0.00 N | 30.87 1.07 0.00 N | 44.97 1.55 0.00 N | 44.21 1.55 0.00 N | 41.63 1.57 0.00 N | 42.42 1.62 0.00 N | 42.41 1.66 0.00 N | 134.71 4.54 -16.77 N | 49.68 1.77 -5.70 N | 61.79 1.40 -27.22 N | 211.90 8.23 0.00 N | 40.74 1.63 -0.02 N | 43.27 1.32 -12.41 N | 49.62 0.88 -27.36 N | |
| ATHENS_STG_3 23677 | 10.85 0.28 0.00 N | 11.81 0.33 0.00 N | 14.83 0.43 0.00 N | 27.70 0.80 0.00 N | 37.28 1.06 0.00 N | 17.50 0.55 -0.80 N | 10.10 0.44 0.00 N | 69.46 2.15 0.00 N | 75.49 2.46 0.00 N | 38.23 1.31 0.00 N | 43.15 1.50 0.00 N | 30.87 1.07 0.00 N | 44.97 1.55 0.00 N | 44.21 1.55 0.00 N | 41.63 1.57 0.00 N | 42.42 1.62 0.00 N | 42.41 1.66 0.00 N | 134.71 4.54 -16.77 N | 49.68 1.77 -5.70 N | 61.79 1.40 -27.22 N | 211.90 8.23 0.00 N | 40.74 1.63 -0.02 N | 43.27 1.32 -12.41 N | 49.62 0.88 -27.36 N | |
| BARRETT_IC_1 23704 | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N | |
| BARRETT_IC_10 | 124.30 | 75.71 | 57.91 | 57.74 | 58.06 | 18.26 | 10.70 | 144.01 | 86.43 | 195.67 | 105.87 | 85.21 | 90.50 | 94.85 | 96.94 | 117.98 | 81.18 | 142.42 | 63.68 | 72.32 | 241.89 | 65.61 | 59.29 | 49.95 | |

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| 23701 | | 0.88 -112.86 N | 0.96 -63.27 N | 1.19 -42.32 N | 2.19 -28.63 N | 2.87 -18.98 N | 1.38 -0.73 N | 1.05 0.00 N | 5.75 -70.95 N | 6.49 -6.91 N | 3.47 -155.27 N | 3.75 -60.48 N | 2.70 -52.71 N | 4.03 -43.04 N | 4.03 -48.17 N | 3.95 -52.92 N | 4.02 -73.16 N | 4.10 -36.33 N | 10.23 -18.78 N | 4.20 -17.26 N | 3.22 -35.93 N | 16.97 -21.24 N | 3.79 -22.73 N | 2.91 -26.83 N | 1.96 -26.60 N |
| BARRETT_IC_11 23702 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_12 23703 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_2 23705 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_3 23706 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_4 23707 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_5 23708 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_6 23709 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_7 23710 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_8 23711 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT_IC_9 23700 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT___1 23545 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BARRETT___2 23546 | | 124.30 0.88 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.19 -28.63 N | 58.06 2.87 -18.98 N | 18.26 1.38 -0.73 N | 10.70 1.05 0.00 N | 144.01 5.75 -70.95 N | 86.43 6.49 -6.91 N | 195.67 3.47 -155.27 N | 105.87 3.75 -60.48 N | 85.21 2.70 -52.71 N | 90.50 4.03 -43.04 N | 94.85 4.03 -48.17 N | 96.94 3.95 -52.92 N | 117.98 4.02 -73.16 N | 81.18 4.10 -36.33 N | 142.42 10.23 -18.78 N | 63.68 4.20 -17.26 N | 72.32 3.22 -35.93 N | 241.89 16.97 -21.24 N | 65.61 3.79 -22.73 N | 59.29 2.91 -26.83 N | 49.95 1.96 -26.60 N |
| BEAVER RIVER___HYD 24048 | | 10.08 -0.49 0.00 N | 10.90 -0.58 0.00 N | 13.62 -0.78 0.00 N | 25.48 -1.43 0.00 N | 34.78 -1.43 0.00 N | 15.64 -0.52 0.00 N | 9.44 -0.21 0.00 N | 65.30 -2.01 0.00 N | 70.49 -2.53 0.00 N | 35.42 -1.50 0.00 N | 40.14 -1.50 0.00 N | 28.58 -1.21 0.00 N | 41.14 -2.28 0.00 N | 40.43 -2.23 0.00 N | 37.41 -2.66 0.00 N | 38.25 -2.56 0.00 N | 38.21 -2.54 0.00 N | 106.89 -6.52 0.00 N | 39.65 -2.56 0.00 N | 31.19 -1.98 0.00 N | 192.42 -11.25 0.00 N | 37.00 -2.10 0.00 N | 27.66 -1.89 0.00 N | 20.17 -1.21 0.00 N |

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| BEEBEE_GT_13 23619 | 10.66 0.09 0.00 N | 11.49 0.00 0.00 N | 14.33 -0.07 0.00 N | 26.74 -0.17 0.00 N | 35.92 -0.29 0.00 N | 15.92 -0.31 -0.07 N | 9.10 -0.55 0.00 N | 67.19 -0.12 0.00 N | 72.77 -0.25 0.00 N | 36.92 -0.01 0.00 N | 41.70 0.06 0.00 N | 30.00 0.21 0.00 N | 43.80 0.37 0.00 N | 42.93 0.27 0.00 N | 40.26 0.19 0.00 N | 40.78 -0.02 0.00 N | 40.66 -0.10 0.00 N | 114.35 -0.64 -1.58 N | 42.40 -0.35 -0.54 N | 35.43 -0.30 -2.56 N | 203.11 -0.56 0.00 N | 39.11 0.01 0.00 N | 30.62 -0.07 -1.15 N | 23.94 0.03 -2.52 N |
| BETHLEHEM___GRP 23843 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| BETHLEHEM___GS1 323560 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| BETHLEHEM___GS2 323561 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| BETHLEHEM___GS3 323562 | 10.93 0.36 0.00 N | 11.96 0.47 0.00 N | 15.02 0.61 0.00 N | 28.06 1.15 0.00 N | 37.76 1.55 0.00 N | 17.90 0.82 -0.91 N | 10.08 0.42 0.00 N | 68.98 1.66 0.00 N | 74.98 1.95 0.00 N | 37.88 0.95 0.00 N | 42.74 1.10 0.00 N | 30.53 0.73 0.00 N | 44.46 1.04 0.00 N | 43.67 1.02 0.00 N | 41.10 1.03 0.00 N | 41.93 1.13 0.00 N | 41.89 1.14 0.00 N | 136.02 3.35 -19.26 N | 50.01 1.26 -6.54 N | 65.41 0.97 -31.27 N | 209.21 5.54 0.00 N | 40.09 0.97 -0.03 N | 44.62 0.82 -14.25 N | 53.38 0.61 -31.39 N |
| BETHLEHEM___STEEL 23779 | 10.26 -0.31 0.00 N | 11.05 -0.43 0.00 N | 13.75 -0.65 0.00 N | 25.61 -1.30 0.00 N | 34.33 -1.88 0.00 N | 14.99 -1.26 -0.09 N | 7.66 -2.00 0.00 N | 61.53 -5.78 0.00 N | 66.07 -6.95 0.00 N | 33.44 -3.49 0.00 N | 37.56 -4.08 0.00 N | 27.02 -2.78 0.00 N | 39.38 -4.04 0.00 N | 38.57 -4.08 0.00 N | 36.16 -3.91 0.00 N | 36.57 -4.23 0.00 N | 36.55 -4.20 0.00 N | 103.40 -11.94 -1.93 N | 38.50 -4.37 -0.66 N | 32.88 -3.43 -3.14 N | 181.82 -21.86 0.00 N | 35.25 -3.85 0.00 N | 28.52 -2.44 -1.41 N | 23.30 -1.19 -3.11 N |
| BETHPAGE_CC_5 323564 | 124.37 0.95 -112.86 N | 75.76 1.01 -63.27 N | 57.99 1.26 -42.32 N | 57.88 2.34 -28.63 N | 58.24 3.05 -18.98 N | 18.33 1.44 -0.73 N | 10.79 1.14 0.00 N | 144.36 6.11 -70.95 N | 86.90 6.96 -6.91 N | 195.89 3.69 -155.27 N | 106.17 4.05 -60.48 N | 85.31 2.81 -52.71 N | 90.61 4.15 -43.04 N | 94.98 4.16 -48.17 N | 97.08 4.09 -52.92 N | 118.12 4.15 -73.16 N | 81.28 4.20 -36.33 N | 142.99 10.80 -18.78 N | 63.75 4.27 -17.26 N | 72.37 3.26 -35.93 N | 243.63 18.72 -21.24 N | 65.70 3.88 -22.73 N | 59.40 3.02 -26.83 N | 49.97 1.98 -26.60 N |
| BINGHAMTON___COGEN 23790 | 10.80 0.23 0.00 N | 11.71 0.22 0.00 N | 14.64 0.24 0.00 N | 27.45 0.55 0.00 N | 36.89 0.68 0.00 N | 16.60 0.20 -0.24 N | 9.75 0.09 0.00 N | 68.34 1.03 0.00 N | 74.06 1.04 0.00 N | 37.45 0.52 0.00 N | 42.09 0.45 0.00 N | 30.09 0.29 0.00 N | 44.13 0.71 0.00 N | 43.29 0.64 0.00 N | 40.74 0.67 0.00 N | 41.50 0.70 0.00 N | 41.38 0.62 0.00 N | 120.32 1.82 -5.09 N | 44.62 0.67 -1.73 N | 41.91 0.48 -8.27 N | 207.03 3.36 0.00 N | 39.80 0.70 -0.01 N | 33.70 0.41 -3.74 N | 29.86 0.23 -8.25 N |
| BLACK RIVER___HYD 24047 | 10.22 -0.35 0.00 N | 11.05 -0.44 0.00 N | 13.80 -0.60 0.00 N | 25.81 -1.10 0.00 N | 35.10 -1.11 0.00 N | 15.78 -0.40 -0.02 N | 9.62 -0.03 0.00 N | 66.53 -0.78 0.00 N | 71.91 -1.11 0.00 N | 36.18 -0.75 0.00 N | 40.92 -0.72 0.00 N | 29.17 -0.62 0.00 N | 42.17 -1.25 0.00 N | 41.45 -1.21 0.00 N | 38.51 -1.56 0.00 N | 39.30 -1.50 0.00 N | 39.23 -1.53 0.00 N | 110.00 -3.79 -0.38 N | 40.84 -1.50 -0.13 N | 32.63 -1.16 -0.62 N | 197.86 -5.82 0.00 N | 38.04 -1.06 0.00 N | 28.70 -1.15 -0.31 N | 21.27 -0.79 -0.67 N |
| BLISS_WT_PWR 323608 | 10.86 0.29 0.00 N | 11.60 0.11 0.00 N | 14.36 -0.05 0.00 N | 26.70 -0.20 0.00 N | 35.86 -0.35 0.00 N | 15.45 -0.80 -0.09 N | 8.23 -1.43 0.00 N | 65.62 -1.70 0.00 N | 71.67 -1.36 0.00 N | 36.04 -0.89 0.00 N | 39.80 -1.84 0.00 N | 27.94 -1.86 0.00 N | 40.81 -2.61 0.00 N | 40.36 -2.30 0.00 N | 37.76 -2.31 0.00 N | 38.16 -2.64 0.00 N | 37.63 -3.13 0.00 N | 105.93 -9.48 -2.01 N | 39.66 -3.24 -0.68 N | 33.42 -3.01 -3.26 N | 183.42 -20.25 0.00 N | 35.40 -3.69 0.00 N | 28.79 -2.22 -1.46 N | 22.76 -1.85 -3.22 N |
| BLUE_CIRC_CHEM_DRP 24182 | 10.83 0.26 0.00 N | 11.82 0.33 0.00 N | 14.84 0.44 0.00 N | 27.73 0.83 0.00 N | 37.33 1.12 0.00 N | 17.63 0.57 -0.90 N | 10.02 0.36 0.00 N | 68.90 1.59 0.00 N | 74.77 1.75 0.00 N | 37.76 0.84 0.00 N | 42.47 0.83 0.00 N | 30.36 0.56 0.00 N | 44.22 0.80 0.00 N | 43.46 0.81 0.00 N | 40.91 0.84 0.00 N | 41.72 0.92 0.00 N | 41.72 0.96 0.00 N | 135.16 2.71 -19.04 N | 49.72 1.05 -6.47 N | 64.89 0.81 -30.91 N | 208.40 4.73 0.00 N | 39.96 0.84 -0.03 N | 44.32 0.70 -14.08 N | 52.91 0.52 -31.01 N |
| BOC_GAS_DRP 24189 | 10.82 0.25 0.00 N | 11.79 0.31 0.00 N | 14.81 0.41 0.00 N | 27.66 0.75 0.00 N | 37.22 1.01 0.00 N | 17.59 0.52 -0.91 N | 9.99 0.34 0.00 N | 68.65 1.34 0.00 N | 74.55 1.53 0.00 N | 37.68 0.75 0.00 N | 42.51 0.87 0.00 N | 30.40 0.60 0.00 N | 44.29 0.87 0.00 N | 43.53 0.87 0.00 N | 40.96 0.90 0.00 N | 41.75 0.95 0.00 N | 41.73 0.98 0.00 N | 135.42 2.79 -19.23 N | 49.82 1.08 -6.53 N | 65.23 0.83 -31.23 N | 208.43 4.76 0.00 N | 40.02 0.90 -0.03 N | 44.54 0.77 -14.22 N | 53.27 0.57 -31.32 N |
| BORALEX_4TH_BRANCH 23824 | 11.06 0.49 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.42 0.00 N | 38.11 1.90 0.00 N | 18.06 0.99 -0.91 N | 10.27 0.62 0.00 N | 70.18 2.87 0.00 N | 76.60 3.58 0.00 N | 38.61 1.69 0.00 N | 43.66 2.01 0.00 N | 31.04 1.25 0.00 N | 45.28 1.85 0.00 N | 44.46 1.81 0.00 N | 41.86 1.79 0.00 N | 42.80 1.99 0.00 N | 42.75 2.00 0.00 N | 138.72 6.13 -19.19 N | 51.01 2.29 -6.52 N | 66.11 1.78 -31.15 N | 213.48 9.81 0.00 N | 40.80 1.69 -0.03 N | 45.26 1.51 -14.19 N | 53.80 1.13 -31.28 N |
| BOWLINE___1 23526 | 11.16 0.59 0.00 N | 12.14 0.65 0.00 N | 15.20 0.80 0.00 N | 28.37 1.46 0.00 N | 38.08 1.87 0.00 N | 17.77 0.91 -0.70 N | 10.48 0.83 0.00 N | 71.65 4.34 0.00 N | 77.89 4.87 0.00 N | 39.50 2.57 0.00 N | 44.51 2.87 0.00 N | 31.79 2.00 0.00 N | 46.41 2.98 0.00 N | 45.71 3.05 0.00 N | 43.12 3.05 0.00 N | 43.92 3.12 0.00 N | 43.92 3.16 0.00 N | 136.80 8.57 -14.82 N | 50.44 3.20 -5.03 N | 59.68 2.45 -24.06 N | 218.34 14.67 0.00 N | 41.97 2.86 -0.02 N | 42.68 2.16 -10.97 N | 46.97 1.39 -24.20 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 |
|------------------------|---------|--------|--------|--------|--------|-------|-------|--------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| BOWLINE___2 | 11.16 | 12.14 | 15.20 | 28.37 | 38.08 | 17.77 | 10.48 | 71.65 | 77.89 | 39.50 | 44.51 | 31.79 | 46.40 | 45.70 | 43.12 | 43.92 | 43.91 | 136.77 | 50.44 | 59.68 | 218.34 | 41.97 | 42.68 | 46.97 | |
| 23595 | 0.59 | 0.65 | 0.80 | 1.46 | 1.87 | 0.90 | 0.83 | 4.34 | 4.86 | 2.57 | 2.87 | 2.00 | 2.98 | 3.05 | 3.05 | 3.11 | 3.16 | 8.54 | 3.20 | 2.45 | 14.67 | 2.86 | 2.16 | 1.39 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -14.82 | -5.04 | -24.06 | 0.00 | -0.02 | -10.97 | -24.20 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOKHAVEN___DRP | 124.66 | 76.06 | 58.34 | 58.54 | 59.17 | 18.83 | 11.16 | 146.97 | 89.67 | 197.27 | 107.65 | 86.31 | 92.05 | 96.37 | 98.42 | 119.49 | 82.69 | 146.79 | 65.20 | 73.50 | 250.49 | 66.90 | 60.18 | 50.49 | |
| 24191 | 1.24 | 1.31 | 1.62 | 3.00 | 3.97 | 1.94 | 1.51 | 8.71 | 9.74 | 5.07 | 5.53 | 3.81 | 5.58 | 5.54 | 5.43 | 5.53 | 5.61 | 14.61 | 5.72 | 4.39 | 25.57 | 5.08 | 3.80 | 2.50 | |
| | -112.86 | -63.27 | -42.32 | -28.63 | -18.98 | -0.73 | 0.00 | -70.95 | -6.91 | -155.27 | -60.48 | -52.71 | -43.04 | -48.17 | -52.92 | -73.16 | -36.33 | -18.78 | -17.26 | -35.93 | -21.24 | -22.73 | -26.83 | -26.60 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOKLYN_NAVY_YARD | 11.25 | 12.20 | 15.27 | 28.48 | 38.23 | 17.86 | 10.62 | 72.37 | 78.86 | 40.07 | 45.16 | 32.28 | 47.11 | 46.40 | 43.78 | 44.55 | 44.54 | 138.67 | 51.13 | 60.67 | 220.81 | 42.46 | 43.34 | 47.79 | |
| 23515 | 0.68 | 0.71 | 0.87 | 1.58 | 2.02 | 0.98 | 0.97 | 5.05 | 5.83 | 3.15 | 3.51 | 2.48 | 3.69 | 3.75 | 3.71 | 3.74 | 3.78 | 10.08 | 3.76 | 2.85 | 17.13 | 3.35 | 2.55 | 1.62 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -15.18 | -5.16 | -24.66 | 0.00 | -0.02 | -11.24 | -24.79 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOKLYN___ARMY_DRP | 11.36 | 12.32 | 15.41 | 28.73 | 38.56 | 17.99 | 10.68 | 72.86 | 79.44 | 40.43 | 45.55 | 32.57 | 47.52 | 46.81 | 44.17 | 44.92 | 44.89 | 139.41 | 51.47 | 60.95 | 222.09 | 42.87 | 43.56 | 47.95 | |
| 323595 | 0.80 | 0.83 | 1.00 | 1.83 | 2.35 | 1.11 | 1.03 | 5.54 | 6.41 | 3.50 | 3.91 | 2.77 | 4.10 | 4.16 | 4.10 | 4.12 | 4.14 | 10.81 | 4.10 | 3.12 | 18.42 | 3.75 | 2.78 | 1.77 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -15.19 | -5.16 | -24.66 | 0.00 | -0.03 | -11.24 | -24.79 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BROOME___LFGE | 10.80 | 11.71 | 14.64 | 27.45 | 36.89 | 16.60 | 9.75 | 68.34 | 74.06 | 37.45 | 42.09 | 30.09 | 44.13 | 43.29 | 40.74 | 41.50 | 41.38 | 120.32 | 44.62 | 41.91 | 207.03 | 39.80 | 33.70 | 29.86 | |
| 323600 | 0.23 | 0.22 | 0.24 | 0.55 | 0.68 | 0.20 | 0.09 | 1.03 | 1.04 | 0.52 | 0.45 | 0.29 | 0.71 | 0.64 | 0.67 | 0.70 | 0.62 | 1.82 | 0.67 | 0.48 | 3.36 | 0.70 | 0.41 | 0.23 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.09 | -1.73 | -8.27 | 0.00 | -0.01 | -3.74 | -8.25 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BURROWS___LYONSDAL | 10.40 | 11.27 | 14.08 | 26.35 | 35.72 | 16.02 | 9.69 | 67.17 | 72.73 | 36.67 | 41.47 | 29.58 | 42.85 | 42.09 | 39.22 | 40.00 | 39.93 | 111.40 | 41.38 | 32.54 | 200.62 | 38.50 | 28.85 | 20.91 | |
| 23803 | -0.17 | -0.22 | -0.32 | -0.56 | -0.50 | -0.14 | 0.04 | -0.14 | -0.29 | -0.26 | -0.18 | -0.21 | -0.57 | -0.56 | -0.85 | -0.81 | -0.82 | -2.01 | -0.83 | -0.63 | -3.05 | -0.59 | -0.70 | -0.48 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| CAITHNESS_CC_1 | 124.63 | 76.03 | 58.30 | 58.48 | 59.07 | 18.79 | 11.13 | 146.72 | 89.43 | 197.15 | 107.52 | 86.22 | 91.91 | 96.24 | 98.30 | 119.36 | 82.56 | 146.50 | 65.07 | 73.40 | 249.88 | 66.80 | 60.12 | 50.45 | |
| 323624 | 1.21 | 1.28 | 1.59 | 2.94 | 3.88 | 1.90 | 1.47 | 8.46 | 9.50 | 4.95 | 5.40 | 3.71 | 5.45 | 5.41 | 5.31 | 5.40 | 5.48 | 14.32 | 5.60 | 4.29 | 24.96 | 4.98 | 3.74 | 2.47 | |
| | -112.86 | -63.27 | -42.32 | -28.63 | -18.98 | -0.73 | 0.00 | -70.95 | -6.91 | -155.27 | -60.48 | -52.71 | -43.04 | -48.17 | -52.92 | -73.16 | -36.33 | -18.78 | -17.26 | -35.93 | -21.24 | -22.73 | -26.83 | -26.60 | |
| | 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_BETH_PAGE_GT4 | 124.39 | 75.78 | 58.00 | 57.91 | 58.27 | 18.33 | 10.75 | 144.27 | 86.77 | 195.82 | 106.06 | 85.24 | 90.50 | 94.86 | 96.96 | 118.00 | 81.17 | 142.74 | 63.64 | 72.28 | 243.19 | 65.61 | 59.38 | 49.96 | |
| 24209 | 0.96 | 1.03 | 1.28 | 2.37 | 3.08 | 1.45 | 1.10 | 6.01 | 6.83 | 3.61 | 3.94 | 2.74 | 4.04 | 4.04 | 3.97 | 4.04 | 4.09 | 10.56 | 4.16 | 3.18 | 18.28 | 3.79 | 2.99 | 1.98 | |
| | -112.86 | -63.27 | -42.32 | -28.63 | -18.98 | -0.73 | 0.00 | -70.95 | -6.91 | -155.27 | -60.48 | -52.71 | -43.04 | -48.17 | -52.92 | -73.16 | -36.33 | -18.78 | -17.26 | -35.93 | -21.24 | -22.73 | -26.83 | -26.60 | |
| | 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_BETH_PAGE_GT_4 | 124.39 | 75.78 | 58.00 | 57.91 | 58.27 | 18.33 | 10.75 | 144.27 | 86.77 | 195.82 | 106.06 | 85.24 | 90.50 | 94.86 | 96.96 | 118.00 | 81.17 | 142.74 | 63.64 | 72.28 | 243.19 | 65.61 | 59.38 | 49.96 | |
| 323586 | 0.96 | 1.03 | 1.28 | 2.37 | 3.08 | 1.45 | 1.10 | 6.01 | 6.83 | 3.61 | 3.94 | 2.74 | 4.04 | 4.04 | 3.97 | 4.04 | 4.09 | 10.56 | 4.16 | 3.18 | 18.28 | 3.79 | 2.99 | 1.98 | |
| | -112.86 | -63.27 | -42.32 | -28.63 | -18.98 | -0.73 | 0.00 | -70.95 | -6.91 | -155.27 | -60.48 | -52.71 | -43.04 | -48.17 | -52.92 | -73.16 | -36.33 | -18.78 | -17.26 | -35.93 | -21.24 | -22.73 | -26.83 | -26.60 | |
| | 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 | 124.39 | 75.78 | 58.00 | 57.91 | 58.27 | 18.33 | 10.75 | 144.27 | 86.77 | 195.82 | 106.06 | 85.24 | 90.50 | 94.86 | 96.96 | 118.00 | 81.17 | 142.74 | 63.64 | 72.28 | 243.19 | 65.61 | 59.38 | 49.96 | |
| 23823 | 0.96 | 1.03 | 1.28 | 2.37 | 3.08 | 1.45 | 1.10 | 6.01 | 6.83 | 3.61 | 3.94 | 2.74 | 4.04 | 4.04 | 3.97 | 4.04 | 4.09 | 10.56 | 4.16 | 3.18 | 18.28 | 3.79 | 2.99 | 1.98 | |
| | -112.86 | -63.27 | -42.32 | -28.63 | -18.98 | -0.73 | 0.00 | -70.95 | -6.91 | -155.27 | -60.48 | -52.71 | -43.04 | -48.17 | -52.92 | -73.16 | -36.33 | -18.78 | -17.26 | -35.93 | -21.24 | -22.73 | -26.83 | -26.60 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALSPAN___DRP | 10.26 | 11.05 | 13.75 | 25.61 | 34.33 | 14.99 | 7.66 | 61.53 | 66.07 | 33.44 | 37.56 | 27.02 | 39.38 | 38.57 | 36.16 | 36.57 | 36.55 | 103.40 | 38.50 | 32.88 | 181.82 | 35.25 | 28.52 | 23.30 | |
| 24200 | -0.31 | -0.43 | -0.65 | -1.30 | -1.88 | -1.26 | -2.00 | -5.78 | -6.95 | -3.49 | -4.08 | -2.78 | -4.04 | -4.08 | -3.91 | -4.23 | -4.20 | -11.94 | -4.37 | -3.43 | -21.86 | -3.85 | -2.44 | -1.19 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.93 | -0.66 | -3.14 | 0.00 | 0.00 | -1.41 | -3.11 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CANDIGU_WT_PWR | 11.41 | 12.30 | 15.29 | 28.84 | 38.55 | 17.12 | 10.03 | 71.14 | 77.31 | 39.17 | 43.78 | 31.16 | 46.09 | 45.06 | 42.38 | 43.16 | 42.81 | 122.84 | 45.62 | 40.54 | 214.05 | 41.29 | 33.46 | 27.82 | |
| 323617 | 0.84 | 0.82 | 0.89 | 1.93 | 2.34 | 0.79 | 0.38 | 3.83 | 4.28 | 2.24 | 2.13 | 1.37 | 2.67 | 2.40 | 2.31 | 2.36 | 2.05 | 5.89 | 2.21 | 1.62 | 10.38 | 2.19 | 1.34 | 0.76 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00</ | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| 23857 | -0.40 0.00 N | -0.49 0.00 N | -0.67 0.00 N | -1.22 0.00 N | -1.22 0.00 N | -0.43 -0.02 N | -0.10 0.00 N | -1.24 0.00 N | -1.64 0.00 N | -1.03 0.00 N | -1.02 0.00 N | -0.85 0.00 N | -1.65 0.00 N | -1.60 0.00 N | -1.99 0.00 N | -1.91 0.00 N | -1.92 0.00 N | -4.85 -0.29 N | -1.90 -0.10 N | -1.46 -0.47 N | -7.88 0.00 N | -1.46 0.00 N | -1.43 -0.24 N | -0.95 -0.53 N |
| CE_DUNWOOD___DRP 24194 | 11.20 0.63 0.00 N | 12.17 0.69 0.00 N | 15.25 0.85 0.00 N | 28.45 1.54 0.00 N | 38.19 1.98 0.00 N | 17.83 0.95 -0.72 N | 10.53 0.88 0.00 N | 71.91 4.60 0.00 N | 78.26 5.24 0.00 N | 39.72 2.79 0.00 N | 44.79 3.15 0.00 N | 32.00 2.21 0.00 N | 46.70 3.28 0.00 N | 45.98 3.32 0.00 N | 43.37 3.30 0.00 N | 44.17 3.36 0.00 N | 44.16 3.40 0.00 N | 137.72 9.16 -15.15 N | 50.77 3.41 -5.15 N | 60.39 2.61 -24.60 N | 219.27 15.60 0.00 N | 42.16 3.05 -0.02 N | 43.07 2.31 -11.21 N | 47.60 1.48 -24.74 N |
| CE_MILLWOOD___DRP 24193 | 11.18 0.61 0.00 N | 12.15 0.66 0.00 N | 15.22 0.82 0.00 N | 28.39 1.48 0.00 N | 38.11 1.90 0.00 N | 17.80 0.92 -0.72 N | 10.49 0.83 0.00 N | 71.70 4.38 0.00 N | 78.01 4.98 0.00 N | 39.57 2.64 0.00 N | 44.62 2.97 0.00 N | 31.88 2.08 0.00 N | 46.51 3.09 0.00 N | 45.79 3.14 0.00 N | 43.20 3.13 0.00 N | 43.98 3.18 0.00 N | 43.99 3.23 0.00 N | 137.24 8.71 -15.13 N | 50.61 3.26 -5.14 N | 60.23 2.50 -24.66 N | 218.62 14.95 0.00 N | 42.03 2.92 -0.02 N | 42.95 2.21 -11.19 N | 47.49 1.41 -24.70 N |
| CE_NYC2_DRP 24202 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.45 2.24 0.00 N | 17.95 1.07 -0.72 N | 10.64 0.99 0.00 N | 72.54 5.22 0.00 N | 79.04 6.02 0.00 N | 40.24 3.31 0.00 N | 45.37 3.73 0.00 N | 32.45 2.65 0.00 N | 47.33 3.91 0.00 N | 46.62 3.97 0.00 N | 43.98 3.91 0.00 N | 44.75 3.95 0.00 N | 44.73 3.97 0.00 N | 138.93 10.34 -15.19 N | 51.26 3.89 -5.16 N | 60.77 2.95 -24.66 N | 220.96 17.29 0.00 N | 42.62 3.50 -0.02 N | 43.40 2.61 -11.24 N | 47.84 1.66 -24.79 N |
| CE_NYC_DRP 24195 | 11.29 0.72 0.00 N | 12.25 0.77 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.40 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.57 5.26 0.00 N | 79.10 6.07 0.00 N | 40.20 3.27 0.00 N | 45.33 3.68 0.00 N | 32.40 2.60 0.00 N | 47.28 3.86 0.00 N | 46.56 3.90 0.00 N | 43.94 3.87 0.00 N | 44.71 3.90 0.00 N | 44.69 3.94 0.00 N | 139.12 10.52 -15.18 N | 51.28 3.91 -5.16 N | 60.79 2.97 -24.66 N | 221.42 17.75 0.00 N | 42.60 3.49 -0.02 N | 43.38 2.60 -11.24 N | 47.83 1.65 -24.79 N |
| CHAFFEE___LFGE 323603 | 10.55 -0.02 0.00 N | 11.34 -0.15 0.00 N | 14.09 -0.31 0.00 N | 26.28 -0.63 0.00 N | 35.24 -0.98 0.00 N | 15.37 -0.88 -0.09 N | 8.06 -1.59 0.00 N | 63.87 -3.44 0.00 N | 68.88 -4.15 0.00 N | 34.84 -2.08 0.00 N | 39.04 -2.60 0.00 N | 27.99 -1.80 0.00 N | 40.83 -2.59 0.00 N | 39.99 -2.66 0.00 N | 37.50 -2.57 0.00 N | 37.92 -2.89 0.00 N | 37.78 -2.98 0.00 N | 106.83 -8.55 -1.97 N | 39.74 -3.15 -0.67 N | 33.84 -2.52 -3.20 N | 187.76 -15.91 0.00 N | 36.36 -2.73 0.00 N | 29.30 -1.69 -1.43 N | 23.75 -0.80 -3.16 N |
| CHATEAUG_WT_PWR 323614 | 9.18 -1.39 0.00 N | 9.91 -1.58 0.00 N | 12.30 -2.10 0.00 N | 22.94 -3.97 0.00 N | 32.24 -3.98 0.00 N | 14.70 -1.42 0.04 N | 8.33 -1.32 0.00 N | 59.49 -7.82 0.00 N | 63.73 -9.30 0.00 N | 31.58 -5.35 0.00 N | 36.14 -5.50 0.00 N | 25.54 -4.26 0.00 N | 36.12 -7.30 0.00 N | 35.35 -7.30 0.00 N | 31.39 -8.67 0.00 N | 32.34 -8.47 0.00 N | 32.50 -8.25 0.00 N | 90.51 -22.07 0.83 N | 33.32 -8.61 0.28 N | 25.15 -6.68 1.34 N | 161.86 -41.81 0.00 N | 31.15 -7.94 0.00 N | 22.63 -6.33 0.59 N | 16.16 -3.92 1.31 N |
| CHAT_HIGH_FALL_HYD 323578 | 9.18 -1.39 0.00 N | 9.91 -1.58 0.00 N | 12.33 -2.07 0.00 N | 22.98 -3.93 0.00 N | 32.32 -3.89 0.00 N | 14.74 -1.38 0.04 N | 8.36 -1.30 0.00 N | 59.64 -7.68 0.00 N | 63.87 -9.15 0.00 N | 31.63 -5.30 0.00 N | 36.19 -5.45 0.00 N | 25.57 -4.22 0.00 N | 36.17 -7.26 0.00 N | 35.40 -7.26 0.00 N | 31.41 -8.66 0.00 N | 32.34 -8.46 0.00 N | 32.53 -8.22 0.00 N | 90.62 -21.99 0.80 N | 33.38 -8.56 0.27 N | 25.25 -6.62 1.30 N | 162.08 -41.59 0.00 N | 31.22 -7.87 0.00 N | 22.72 -6.25 0.57 N | 16.26 -3.86 1.26 N |
| CH_MIDHUDSON___DRP 24192 | 11.16 0.59 0.00 N | 12.13 0.65 0.00 N | 15.20 0.80 0.00 N | 28.38 1.47 0.00 N | 38.08 1.87 0.00 N | 17.82 0.90 -0.76 N | 10.44 0.79 0.00 N | 71.41 4.09 0.00 N | 77.65 4.63 0.00 N | 39.37 2.44 0.00 N | 44.42 2.78 0.00 N | 31.74 1.94 0.00 N | 46.30 2.87 0.00 N | 45.56 2.90 0.00 N | 42.95 2.89 0.00 N | 43.77 2.96 0.00 N | 43.75 2.99 0.00 N | 137.61 8.18 -16.02 N | 50.71 3.06 -5.45 N | 61.55 2.36 -26.02 N | 217.79 14.12 0.00 N | 41.85 2.73 -0.02 N | 43.53 2.12 -11.86 N | 48.97 1.38 -26.20 N |
| CH_MISC_IPPS 23765 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| CH_RES_BVR_FALLS 23983 | 10.01 -0.55 0.00 N | 10.85 -0.63 0.00 N | 13.59 -0.81 0.00 N | 25.40 -1.51 0.00 N | 34.74 -1.47 0.00 N | 15.56 -0.55 0.05 N | 9.15 -0.51 0.00 N | 64.20 -3.11 0.00 N | 69.24 -3.78 0.00 N | 34.77 -2.16 0.00 N | 39.40 -2.25 0.00 N | 28.08 -1.71 0.00 N | 40.44 -2.98 0.00 N | 39.70 -2.95 0.00 N | 36.55 -3.52 0.00 N | 37.30 -3.51 0.00 N | 37.21 -3.55 0.00 N | 102.68 -9.65 1.08 N | 38.07 -3.77 0.37 N | 28.58 -2.84 1.75 N | 186.61 -17.06 0.00 N | 35.77 -3.32 0.00 N | 25.99 -2.78 0.78 N | 17.85 -1.80 1.74 N |
| CH_RES_NIAGARA 23895 | 10.09 -0.48 0.00 N | 10.88 -0.61 0.00 N | 13.55 -0.85 0.00 N | 25.21 -1.70 0.00 N | 33.80 -2.41 0.00 N | 14.72 -1.53 -0.08 N | 7.36 -2.30 0.00 N | 60.24 -7.08 0.00 N | 64.56 -8.46 0.00 N | 32.65 -4.27 0.00 N | 36.69 -4.95 0.00 N | 26.43 -3.36 0.00 N | 38.43 -4.99 0.00 N | 37.62 -5.04 0.00 N | 35.25 -4.81 0.00 N | 35.60 -5.20 0.00 N | 35.63 -5.13 0.00 N | 100.71 -14.51 -1.82 N | 37.53 -5.30 -0.62 N | 31.99 -4.13 -2.95 N | 177.32 -26.35 0.00 N | 34.39 -4.71 0.00 N | 27.86 -3.01 -1.32 N | 22.80 -1.50 -2.92 N |
| CH_RES_SYRACUSE 23985 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N |
| CLINTON_WT_PWR 323605 | 9.18 -1.39 0.00 N | 9.91 -1.58 0.00 N | 12.30 -2.10 0.00 N | 22.94 -3.97 0.00 N | 32.24 -3.98 0.00 N | 14.70 -1.42 0.04 N | 8.33 -1.32 0.00 N | 59.49 -7.82 0.00 N | 63.73 -9.30 0.00 N | 31.58 -5.35 0.00 N | 36.14 -5.50 0.00 N | 25.54 -4.26 0.00 N | 36.12 -7.30 0.00 N | 35.35 -7.30 0.00 N | 31.39 -8.67 0.00 N | 32.34 -8.47 0.00 N | 32.50 -8.25 0.00 N | 90.51 -22.07 0.83 N | 33.32 -8.61 0.28 N | 25.15 -6.68 1.34 N | 161.86 -41.81 0.00 N | 31.15 -7.94 0.00 N | 22.63 -6.33 0.59 N | 16.16 -3.92 1.31 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| CLINTON__LFGE 323618 | 9.12 -1.44 0.00 N | 9.84 -1.65 0.00 N | 12.24 -2.16 0.00 N | 22.80 -4.10 0.00 N | 32.02 -4.19 0.00 N | 14.62 -1.50 0.04 N | 8.32 -1.33 0.00 N | 59.34 -7.97 0.00 N | 63.62 -9.40 0.00 N | 31.45 -5.48 0.00 N | 36.00 -5.65 0.00 N | 25.43 -4.36 0.00 N | 35.97 -7.45 0.00 N | 35.16 -7.49 0.00 N | 31.18 -8.89 0.00 N | 32.08 -8.73 0.00 N | 32.27 -8.48 0.00 N | 89.91 -22.67 0.82 N | 33.08 -8.85 0.28 N | 25.01 -6.83 1.33 N | 160.94 -42.73 0.00 N | 30.98 -8.11 0.00 N | 22.50 -6.46 0.59 N | 16.05 -4.04 1.30 N |
| COLONIE_LFGE__ 323577 | 11.05 0.48 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.41 0.00 N | 38.12 1.90 0.00 N | 18.05 0.98 -0.92 N | 10.31 0.65 0.00 N | 70.40 3.09 0.00 N | 76.66 3.64 0.00 N | 38.69 1.76 0.00 N | 43.74 2.09 0.00 N | 31.15 1.36 0.00 N | 45.43 2.01 0.00 N | 44.56 1.90 0.00 N | 41.94 1.87 0.00 N | 42.87 2.06 0.00 N | 42.80 2.04 0.00 N | 138.81 6.10 -19.31 N | 51.06 2.29 -6.56 N | 66.32 1.80 -31.35 N | 214.15 10.48 0.00 N | 40.96 1.85 -0.03 N | 45.33 1.50 -14.28 N | 53.94 1.07 -31.48 N |
| CORNELL____ 23752 | 11.05 0.48 0.00 N | 12.03 0.54 0.00 N | 14.99 0.59 0.00 N | 28.09 1.19 0.00 N | 37.24 1.02 0.00 N | 16.56 0.27 -0.13 N | 9.92 0.27 0.00 N | 70.49 3.17 0.00 N | 76.57 3.55 0.00 N | 38.71 1.78 0.00 N | 43.49 1.85 0.00 N | 31.14 1.34 0.00 N | 45.61 2.19 0.00 N | 44.66 2.00 0.00 N | 41.83 1.77 0.00 N | 42.50 1.70 0.00 N | 42.33 1.58 0.00 N | 120.56 4.23 -2.92 N | 44.61 1.40 -0.99 N | 38.98 1.07 -4.75 N | 211.79 8.12 0.00 N | 40.62 1.53 0.00 N | 32.34 0.81 -1.99 N | 26.36 0.60 -4.38 N |
| COXSACKIE__GT 23611 | 11.21 0.64 0.00 N | 12.20 0.71 0.00 N | 15.29 0.89 0.00 N | 28.56 1.66 0.00 N | 38.43 2.22 0.00 N | 18.04 1.08 -0.81 N | 10.51 0.86 0.00 N | 71.76 4.45 0.00 N | 77.95 4.92 0.00 N | 39.44 2.52 0.00 N | 44.54 2.90 0.00 N | 31.80 2.00 0.00 N | 46.34 2.92 0.00 N | 45.55 2.89 0.00 N | 42.86 2.79 0.00 N | 43.65 2.85 0.00 N | 43.54 2.78 0.00 N | 137.77 7.75 -16.61 N | 50.79 2.94 -5.64 N | 62.46 2.32 -26.97 N | 218.28 14.61 0.00 N | 41.88 2.77 -0.02 N | 44.07 2.16 -12.36 N | 50.50 1.44 -27.68 N |
| CRESCENT__HYD 24018 | 11.05 0.48 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.41 0.00 N | 38.12 1.90 0.00 N | 18.05 0.98 -0.92 N | 10.31 0.65 0.00 N | 70.40 3.09 0.00 N | 76.66 3.64 0.00 N | 38.69 1.76 0.00 N | 43.74 2.09 0.00 N | 31.15 1.36 0.00 N | 45.43 2.01 0.00 N | 44.56 1.90 0.00 N | 41.94 1.87 0.00 N | 42.87 2.06 0.00 N | 42.80 2.04 0.00 N | 138.81 6.10 -19.31 N | 51.06 2.29 -6.56 N | 66.32 1.80 -31.35 N | 214.15 10.48 0.00 N | 40.96 1.85 -0.03 N | 45.33 1.50 -14.28 N | 53.94 1.07 -31.48 N |
| CRUCIBLE_METL_DRP 24180 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N |
| DANC__LFGE 323619 | 10.22 -0.35 0.00 N | 11.05 -0.44 0.00 N | 13.80 -0.60 0.00 N | 25.81 -1.10 0.00 N | 35.10 -1.11 0.00 N | 15.78 -0.40 -0.02 N | 9.62 -0.03 0.00 N | 66.53 -0.78 0.00 N | 71.91 -1.11 0.00 N | 36.18 -0.75 0.00 N | 40.92 -0.72 0.00 N | 29.17 -0.62 0.00 N | 42.17 -1.25 0.00 N | 41.45 -1.21 0.00 N | 38.51 -1.56 0.00 N | 39.30 -1.50 0.00 N | 39.23 -1.53 0.00 N | 110.00 -3.79 -0.38 N | 40.84 -1.50 -0.13 N | 32.63 -1.16 -0.62 N | 197.86 -5.82 0.00 N | 38.04 -1.06 0.00 N | 28.70 -1.15 -0.31 N | 21.27 -0.79 -0.67 N |
| DANSKAMMER__1 23586 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| DANSKAMMER__2 23589 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| DANSKAMMER__3 23590 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| DANSKAMMER__4 23591 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| DANSKAMMER__DIESEL 23592 | 11.16 0.59 0.00 N | 12.13 0.64 0.00 N | 15.20 0.79 0.00 N | 28.36 1.45 0.00 N | 38.06 1.85 0.00 N | 17.79 0.89 -0.74 N | 10.40 0.74 0.00 N | 71.20 3.89 0.00 N | 77.44 4.41 0.00 N | 39.28 2.35 0.00 N | 44.31 2.67 0.00 N | 31.67 1.88 0.00 N | 46.20 2.78 0.00 N | 45.48 2.82 0.00 N | 42.89 2.82 0.00 N | 43.66 2.86 0.00 N | 43.66 2.90 0.00 N | 136.75 7.88 -15.46 N | 50.45 2.98 -5.25 N | 60.58 2.30 -25.11 N | 217.58 13.91 0.00 N | 41.80 2.69 -0.02 N | 43.05 2.05 -11.45 N | 48.02 1.36 -25.28 N |
| DASHVILLE__HYD 23610 | 11.26 0.69 0.00 N | 12.28 0.79 0.00 N | 15.38 0.98 0.00 N | 28.67 1.76 0.00 N | 38.46 2.25 0.00 N | 17.95 1.05 -0.74 N | 10.59 0.94 0.00 N | 72.37 5.06 0.00 N | 78.47 5.45 0.00 N | 39.70 2.77 0.00 N | 44.70 3.06 0.00 N | 31.96 2.16 0.00 N | 46.63 3.21 0.00 N | 45.93 3.27 0.00 N | 43.34 3.27 0.00 N | 44.25 3.44 0.00 N | 44.31 3.55 0.00 N | 138.60 9.65 -15.54 N | 51.08 3.59 -5.28 N | 61.17 2.76 -25.24 N | 220.29 16.62 0.00 N | 42.28 3.17 -0.02 N | 43.52 2.45 -11.52 N | 48.53 1.63 -25.51 N |
| DELAWARE__LFGE 323621 | 10.86 0.30 0.00 N | 11.80 0.32 0.00 N | 14.80 0.40 0.00 N | 27.67 0.77 0.00 N | 37.24 1.03 0.00 N | 16.90 0.44 -0.31 N | 10.08 0.42 0.00 N | 69.58 2.26 0.00 N | 75.46 2.44 0.00 N | 38.16 1.24 0.00 N | 42.99 1.35 0.00 N | 30.75 0.96 0.00 N | 44.88 1.46 0.00 N | 44.10 1.45 0.00 N | 41.47 1.41 0.00 N | 42.23 1.43 0.00 N | 42.17 1.42 0.00 N | 123.82 3.88 -6.53 N | 45.89 1.46 -2.22 N | 44.91 1.13 -10.60 N | 210.86 7.19 0.00 N | 40.48 1.38 -0.01 N | 35.33 0.96 -4.81 N | 32.61 0.61 -10.61 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 |
|--------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|--------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---|
| DOGLEVILLE___HYD 23807 | 11.03 0.46 0.00 N | 11.98 0.49 0.00 N | 15.05 0.65 0.00 N | 28.23 1.32 0.00 N | 37.95 1.73 0.00 N | 16.97 0.83 0.02 N | 10.25 0.59 0.00 N | 70.73 3.42 0.00 N | 76.75 3.73 0.00 N | 38.83 1.91 0.00 N | 43.88 2.24 0.00 N | 31.29 1.50 0.00 N | 45.70 2.28 0.00 N | 44.80 2.14 0.00 N | 42.15 2.09 0.00 N | 43.11 2.31 0.00 N | 43.07 2.31 0.00 N | 119.50 6.56 0.47 N | 44.49 2.43 0.16 N | 34.35 1.94 0.76 N | 215.92 12.25 0.00 N | 41.28 2.19 0.00 N | 30.79 1.57 0.32 N | 21.72 1.05 0.71 N | |
| DUNKIRK___1 23563 | 10.44 -0.12 0.00 N | 11.27 -0.21 0.00 N | 14.00 -0.40 0.00 N | 26.29 -0.62 0.00 N | 35.17 -1.04 0.00 N | 15.44 -0.82 -0.10 N | 8.29 -1.36 0.00 N | 63.39 -3.92 0.00 N | 68.21 -4.81 0.00 N | 34.43 -2.50 0.00 N | 38.51 -3.13 0.00 N | 27.63 -2.16 0.00 N | 40.61 -2.81 0.00 N | 39.75 -2.91 0.00 N | 37.38 -2.69 0.00 N | 37.96 -2.85 0.00 N | 37.79 -2.97 0.00 N | 107.44 -8.20 -2.23 N | 39.94 -3.03 -0.76 N | 34.33 -2.46 -3.62 N | 188.62 -15.05 0.00 N | 36.49 -2.61 0.00 N | 29.42 -1.76 -1.63 N | 24.03 -0.94 -3.59 N | |
| DUNKIRK___2 23564 | 10.44 -0.12 0.00 N | 11.27 -0.21 0.00 N | 14.00 -0.40 0.00 N | 26.29 -0.62 0.00 N | 35.17 -1.04 0.00 N | 15.44 -0.82 -0.10 N | 8.29 -1.36 0.00 N | 63.39 -3.92 0.00 N | 68.21 -4.81 0.00 N | 34.43 -2.50 0.00 N | 38.51 -3.13 0.00 N | 27.63 -2.16 0.00 N | 40.61 -2.81 0.00 N | 39.75 -2.91 0.00 N | 37.38 -2.69 0.00 N | 37.96 -2.85 0.00 N | 37.79 -2.97 0.00 N | 107.44 -8.20 -2.23 N | 39.94 -3.03 -0.76 N | 34.33 -2.46 -3.62 N | 188.62 -15.05 0.00 N | 36.49 -2.61 0.00 N | 29.42 -1.76 -1.63 N | 24.03 -0.94 -3.59 N | |
| DUNKIRK___3 23565 | 10.46 -0.11 0.00 N | 11.28 -0.21 0.00 N | 14.02 -0.38 0.00 N | 26.30 -0.61 0.00 N | 35.21 -1.00 0.00 N | 15.43 -0.84 -0.11 N | 8.26 -1.40 0.00 N | 63.32 -3.99 0.00 N | 68.13 -4.89 0.00 N | 34.41 -2.52 0.00 N | 38.53 -3.11 0.00 N | 27.63 -2.16 0.00 N | 40.59 -2.84 0.00 N | 39.72 -2.93 0.00 N | 37.35 -2.71 0.00 N | 37.90 -2.90 0.00 N | 37.77 -2.98 0.00 N | 107.47 -8.26 -2.33 N | 39.95 -3.05 -0.79 N | 34.49 -2.46 -3.78 N | 188.53 -15.14 0.00 N | 36.47 -2.62 0.00 N | 29.48 -1.76 -1.70 N | 24.20 -0.92 -3.75 N | |
| DUNKIRK___4 23566 | 10.46 -0.11 0.00 N | 11.28 -0.21 0.00 N | 14.02 -0.38 0.00 N | 26.30 -0.61 0.00 N | 35.21 -1.00 0.00 N | 15.43 -0.84 -0.11 N | 8.26 -1.40 0.00 N | 63.32 -3.99 0.00 N | 68.13 -4.89 0.00 N | 34.41 -2.52 0.00 N | 38.53 -3.11 0.00 N | 27.63 -2.16 0.00 N | 40.59 -2.84 0.00 N | 39.72 -2.93 0.00 N | 37.35 -2.71 0.00 N | 37.90 -2.90 0.00 N | 37.77 -2.98 0.00 N | 107.47 -8.26 -2.33 N | 39.95 -3.05 -0.79 N | 34.49 -2.46 -3.78 N | 188.53 -15.14 0.00 N | 36.47 -2.62 0.00 N | 29.48 -1.76 -1.70 N | 24.20 -0.92 -3.75 N | |
| EAST HAMPTON___GT 23717 | 125.28 1.85 -112.86 N | 76.68 1.93 -63.27 N | 59.10 2.38 -42.32 N | 59.95 4.41 -28.63 N | 61.13 5.93 -18.98 N | 19.72 2.84 -0.73 N | 12.06 2.40 0.00 N | 152.85 14.59 -70.95 N | 96.29 16.35 -6.91 N | 200.68 8.48 -155.27 N | 111.60 9.48 -60.48 N | 88.83 6.33 -52.71 N | 95.28 8.81 -43.04 N | 99.28 8.46 -48.17 N | 101.12 8.13 -52.92 N | 121.75 7.79 -73.16 N | 85.12 8.04 -36.33 N | 153.65 21.46 -18.78 N | 67.99 8.52 -17.26 N | 75.82 6.71 -35.93 N | 260.36 35.45 -21.24 N | 67.85 6.03 -22.73 N | 60.61 4.23 -26.83 N | 50.77 2.78 -26.60 N | |
| EAST RIVER___6 23660 | 11.29 0.72 0.00 N | 12.25 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.38 2.17 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.59 5.27 0.00 N | 79.10 6.08 0.00 N | 40.20 3.27 0.00 N | 45.34 3.70 0.00 N | 32.44 2.65 0.00 N | 47.35 3.93 0.00 N | 46.63 3.97 0.00 N | 44.00 3.93 0.00 N | 44.75 3.95 0.00 N | 44.75 3.99 0.00 N | 139.21 10.61 -15.18 N | 51.32 3.95 -5.16 N | 60.82 3.00 -24.66 N | 221.56 17.89 0.00 N | 42.64 3.52 -0.02 N | 43.41 2.63 -11.24 N | 47.85 1.67 -24.79 N | |
| EAST RIVER___7 23524 | 11.29 0.72 0.00 N | 12.25 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.38 2.17 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.59 5.27 0.00 N | 79.10 6.08 0.00 N | 40.20 3.27 0.00 N | 45.34 3.70 0.00 N | 32.44 2.65 0.00 N | 47.35 3.93 0.00 N | 46.63 3.97 0.00 N | 44.00 3.93 0.00 N | 44.75 3.95 0.00 N | 44.75 3.99 0.00 N | 139.21 10.61 -15.18 N | 51.32 3.95 -5.16 N | 60.82 3.00 -24.66 N | 221.56 17.89 0.00 N | 42.64 3.52 -0.02 N | 43.41 2.63 -11.24 N | 47.85 1.67 -24.79 N | |
| EAST_HAMPTON___DIESEL 23722 | 125.28 1.85 -112.86 N | 76.68 1.93 -63.27 N | 59.10 2.38 -42.32 N | 59.95 4.41 -28.63 N | 61.13 5.93 -18.98 N | 19.72 2.84 -0.73 N | 12.06 2.40 0.00 N | 152.85 14.59 -70.95 N | 96.29 16.35 -6.91 N | 200.68 8.48 -155.27 N | 111.60 9.48 -60.48 N | 88.83 6.33 -52.71 N | 95.28 8.81 -43.04 N | 99.28 8.46 -48.17 N | 101.12 8.13 -52.92 N | 121.75 7.79 -73.16 N | 85.12 8.04 -36.33 N | 153.65 21.46 -18.78 N | 67.99 8.52 -17.26 N | 75.82 6.71 -35.93 N | 260.36 35.45 -21.24 N | 67.85 6.03 -22.73 N | 60.61 4.23 -26.83 N | 50.77 2.78 -26.60 N | |
| EAST_RIVER___1 323558 | 11.29 0.72 0.00 N | 12.25 0.77 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.40 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.57 5.26 0.00 N | 79.10 6.07 0.00 N | 40.20 3.27 0.00 N | 45.33 3.68 0.00 N | 32.40 2.60 0.00 N | 47.28 3.86 0.00 N | 46.56 3.90 0.00 N | 43.94 3.87 0.00 N | 44.71 3.90 0.00 N | 44.69 3.94 0.00 N | 139.12 10.52 -15.18 N | 51.28 3.91 -5.16 N | 60.79 2.97 -24.66 N | 221.42 17.75 0.00 N | 42.60 3.49 -0.02 N | 43.38 2.60 -11.24 N | 47.83 1.65 -24.79 N | |
| EAST_RIVER___2 323559 | 11.29 0.72 0.00 N | 12.25 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.69 0.00 N | 38.38 2.17 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.59 5.27 0.00 N | 79.10 6.08 0.00 N | 40.20 3.27 0.00 N | 45.34 3.70 0.00 N | 32.44 2.65 0.00 N | 47.35 3.93 0.00 N | 46.63 3.97 0.00 N | 44.00 3.93 0.00 N | 44.75 3.95 0.00 N | 44.75 3.99 0.00 N | 139.21 10.61 -15.18 N | 51.32 3.95 -5.16 N | 60.82 3.00 -24.66 N | 221.56 17.89 0.00 N | 42.64 3.52 -0.02 N | 43.41 2.63 -11.24 N | 47.85 1.67 -24.79 N | |
| EAST___DELAWARE_HYD 23607 | 10.97 0.40 0.00 N | 11.99 0.50 0.00 N | 15.02 0.62 0.00 N | 28.08 1.17 0.00 N | 37.78 1.56 0.00 N | 17.53 0.74 -0.63 N | 10.31 0.65 0.00 N | 70.92 3.61 0.00 N | 76.23 3.20 0.00 N | 37.52 0.59 0.00 N | 42.24 0.60 0.00 N | 30.18 0.38 0.00 N | 44.02 0.60 0.00 N | 43.33 0.67 0.00 N | 40.79 0.73 0.00 N | 41.76 0.95 0.00 N | 42.91 2.16 0.00 N | 132.27 5.73 -13.13 N | 48.84 2.17 -4.46 N | 56.21 1.72 -21.32 N | 214.63 10.96 0.00 N | 41.19 2.08 -0.02 N | 40.81 1.53 -9.72 N | 43.85 0.99 -21.48 N | |
| ELEC_TRO_TEK 24086 | 124.27 0.84 -112.86 N | 75.67 0.91 -63.27 N | 57.84 1.12 -42.32 N | 57.60 2.06 -28.63 N | 57.86 2.67 -18.98 N | 18.18 1.29 -0.73 N | 10.70 1.05 0.00 N | 143.83 5.57 -70.95 N | 86.33 6.40 -6.91 N | 195.61 3.41 -155.27 N | 105.93 3.81 -60.48 N | 85.16 2.66 -52.71 N | 90.42 3.96 -43.04 N | 94.80 3.98 -48.17 N | 96.91 3.92 -52.92 N | 117.95 3.99 -73.16 N | 81.09 4.00 -36.33 N | 142.51 10.32 -18.78 N | 63.54 4.06 -17.26 N | 72.21 3.10 -35.93 N | 242.62 17.71 -21.24 N | 65.47 3.65 -22.73 N | 59.15 2.77 -26.83 N | 49.80 1.81 -26.60 N | |
| ELLENBURG_WT_PWR | 9.18 | 9.91 | 12.30 | 22.94 | 32.24 | 14.70 | 8.33 | 59.49 | 63.73 | 31.58 | 36.14 | 25.54 | 36.12 | 35.35 | 31.39 | 32.34 | 32.50 | 90.51 | 33.32 | 25.15 | 161.86 | 31.15 | 22.63 | 16.16 | |

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| 323604 | -1.39 0.00 N | -1.58 0.00 N | -2.10 0.00 N | -3.97 0.00 N | -3.98 0.00 N | -1.42 0.04 N | -1.32 0.00 N | -7.82 0.00 N | -9.30 0.00 N | -5.35 0.00 N | -5.50 0.00 N | -4.26 0.00 N | -7.30 0.00 N | -7.30 0.00 N | -8.67 0.00 N | -8.47 0.00 N | -8.25 0.00 N | -22.07 0.83 N | -8.61 0.28 N | -6.68 1.34 N | -41.81 0.00 N | -7.94 0.00 N | -6.33 0.59 N | -3.92 1.31 N |
| E_CANADA_CAP_HY 24051 | 10.79 0.21 0.00 N | 11.71 0.22 0.00 N | 14.64 0.24 0.00 N | 27.26 0.36 0.00 N | 36.90 0.69 0.00 N | 17.62 0.31 -1.16 N | 10.15 0.50 0.00 N | 70.25 2.94 0.00 N | 75.67 2.65 0.00 N | 38.17 1.25 0.00 N | 43.03 1.38 0.00 N | 30.83 1.03 0.00 N | 44.90 1.48 0.00 N | 44.16 1.50 0.00 N | 41.32 1.25 0.00 N | 41.97 1.17 0.00 N | 41.86 1.11 0.00 N | 140.94 3.12 0.00 N | 51.63 1.12 0.00 N | 73.69 0.88 0.00 N | 209.98 6.31 0.00 N | 40.35 1.23 0.00 N | 48.24 0.63 0.00 N | 61.55 0.37 0.00 N |
| E_CANADA_MHWK_HY 24050 | 11.03 0.46 0.00 N | 11.98 0.49 0.00 N | 15.05 0.65 0.00 N | 28.23 1.32 0.00 N | 37.95 1.73 0.00 N | 16.97 0.83 0.02 N | 10.25 0.59 0.00 N | 70.73 3.42 0.00 N | 76.75 3.73 0.00 N | 38.83 1.91 0.00 N | 43.88 2.24 0.00 N | 31.29 1.50 0.00 N | 45.70 2.28 0.00 N | 44.80 2.14 0.00 N | 42.15 2.09 0.00 N | 43.11 2.31 0.00 N | 43.07 2.31 0.00 N | 119.50 6.56 0.00 N | 44.49 2.43 0.16 N | 34.35 1.94 0.76 N | 215.92 12.25 0.00 N | 41.28 2.19 0.00 N | 30.79 1.57 0.32 N | 21.72 1.05 0.71 N |
| E_FISHKILL___LBMP 23776 | 11.14 0.57 0.00 N | 12.11 0.63 0.00 N | 15.17 0.77 0.00 N | 28.32 1.41 0.00 N | 38.02 1.81 0.00 N | 17.77 0.88 -0.73 N | 10.42 0.76 0.00 N | 71.29 3.98 0.00 N | 77.57 4.55 0.00 N | 39.32 2.39 0.00 N | 44.37 2.72 0.00 N | 31.70 1.90 0.00 N | 46.24 2.81 0.00 N | 45.50 2.84 0.00 N | 42.90 2.83 0.00 N | 43.69 2.89 0.00 N | 43.69 2.94 0.00 N | 136.81 7.97 -15.43 N | 50.44 2.99 -5.24 N | 60.52 2.30 -25.05 N | 217.39 13.72 0.00 N | 41.76 2.65 -0.02 N | 43.01 2.05 -11.42 N | 47.91 1.33 -25.19 N |
| FAR ROCKAWAY___4 23548 | 124.37 0.95 -112.86 N | 75.81 1.06 -63.27 N | 58.03 1.31 -42.32 N | 57.94 2.40 -28.63 N | 58.33 3.13 -18.98 N | 18.32 1.43 -0.73 N | 10.79 1.13 0.00 N | 144.29 6.03 -70.95 N | 86.84 6.91 -6.91 N | 195.85 3.65 -155.27 N | 105.92 3.80 -60.48 N | 85.31 2.80 -52.71 N | 90.63 4.17 -43.04 N | 94.94 4.12 -48.17 N | 97.07 4.09 -52.92 N | 118.08 4.11 -73.16 N | 81.29 4.20 -36.33 N | 142.88 10.69 -18.78 N | 63.84 4.37 -17.26 N | 72.47 3.37 -35.93 N | 242.92 18.00 -21.24 N | 65.82 4.00 -22.73 N | 59.52 3.14 -26.83 N | 50.18 2.20 -26.60 N |
| FARRAGUT___LBMP 323566 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.31 0.91 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.63 0.97 0.00 N | 72.46 5.14 0.00 N | 78.95 5.93 0.00 N | 40.12 3.19 0.00 N | 45.24 3.60 0.00 N | 32.33 2.54 0.00 N | 47.19 3.76 0.00 N | 46.47 3.81 0.00 N | 43.85 3.78 0.00 N | 44.61 3.81 0.00 N | 44.60 3.85 0.00 N | 138.87 10.27 -15.18 N | 51.19 3.82 -5.16 N | 60.73 2.91 -24.66 N | 221.05 17.38 0.00 N | 42.52 3.41 -0.02 N | 43.33 2.55 -11.24 N | 47.80 1.62 -24.79 N |
| FENNER___WINDPWR 24204 | 10.77 0.20 0.00 N | 11.68 0.19 0.00 N | 14.60 0.20 0.00 N | 27.31 0.40 0.00 N | 36.72 0.51 0.00 N | 16.19 0.00 -0.03 N | 9.92 0.27 0.00 N | 70.08 2.76 0.00 N | 76.14 3.12 0.00 N | 38.50 1.57 0.00 N | 43.28 1.64 0.00 N | 30.89 1.09 0.00 N | 45.17 1.75 0.00 N | 44.34 1.69 0.00 N | 41.45 1.38 0.00 N | 42.03 1.23 0.00 N | 41.79 1.04 0.00 N | 118.29 2.66 -2.23 N | 43.61 0.65 -0.76 N | 37.34 0.56 -3.62 N | 207.79 4.12 0.00 N | 39.79 0.70 0.00 N | 30.34 0.28 -0.51 N | 22.65 0.14 -1.13 N |
| FIBERTEK___ENERGY 23856 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N |
| FITZPATRICK____ 23598 | 10.27 -0.30 0.00 N | 11.15 -0.34 0.00 N | 13.97 -0.43 0.00 N | 26.09 -0.81 0.00 N | 35.09 -1.13 0.00 N | 15.65 -0.55 -0.04 N | 9.23 -0.42 0.00 N | 65.20 -2.11 0.00 N | 70.70 -2.33 0.00 N | 35.75 -1.17 0.00 N | 40.28 -1.36 0.00 N | 28.86 -0.93 0.00 N | 42.07 -1.36 0.00 N | 41.31 -1.35 0.00 N | 38.79 -1.27 0.00 N | 39.46 -1.34 0.00 N | 39.41 -1.34 0.00 N | 110.54 -3.75 -0.89 N | 41.12 -1.39 -0.30 N | 33.51 -1.10 -1.44 N | 196.98 -6.69 0.00 N | 37.84 -1.26 0.00 N | 29.24 -0.95 -0.65 N | 22.16 -0.65 -1.43 N |
| FORT ORANGE____ 23900 | 11.00 0.43 0.00 N | 12.02 0.53 0.00 N | 15.09 0.69 0.00 N | 28.18 1.28 0.00 N | 37.92 1.71 0.00 N | 17.94 0.89 -0.90 N | 10.19 0.53 0.00 N | 69.74 2.42 0.00 N | 75.85 2.83 0.00 N | 38.34 1.41 0.00 N | 43.28 1.64 0.00 N | 30.90 1.10 0.00 N | 45.03 1.61 0.00 N | 44.24 1.59 0.00 N | 41.65 1.58 0.00 N | 42.48 1.68 0.00 N | 42.46 1.71 0.00 N | 137.26 4.93 -18.92 N | 50.47 1.83 -6.43 N | 65.31 1.42 -30.71 N | 211.86 8.19 0.00 N | 40.61 1.49 -0.03 N | 44.75 1.20 -14.00 N | 53.08 0.86 -30.84 N |
| FORT_DRUM_COGEN 23780 | 10.22 -0.35 0.00 N | 11.04 -0.45 0.00 N | 13.79 -0.61 0.00 N | 25.80 -1.11 0.00 N | 35.10 -1.11 0.00 N | 15.77 -0.40 -0.02 N | 9.61 -0.05 0.00 N | 66.48 -0.83 0.00 N | 71.85 -1.17 0.00 N | 36.15 -0.78 0.00 N | 40.89 -0.75 0.00 N | 29.15 -0.65 0.00 N | 42.12 -1.30 0.00 N | 41.40 -1.26 0.00 N | 38.46 -1.61 0.00 N | 39.26 -1.55 0.00 N | 39.18 -1.57 0.00 N | 109.86 -3.90 -0.36 N | 40.79 -1.55 -0.12 N | 32.56 -1.19 -0.58 N | 197.59 -6.08 0.00 N | 37.99 -1.10 0.00 N | 28.65 -1.19 -0.29 N | 21.21 -0.81 -0.64 N |
| FPL_FAR_ROCK_GT1 24212 | 124.37 0.95 -112.86 N | 75.81 1.06 -63.27 N | 58.03 1.31 -42.32 N | 57.94 2.40 -28.63 N | 58.33 3.13 -18.98 N | 18.32 1.43 -0.73 N | 10.79 1.13 0.00 N | 144.29 6.03 -70.95 N | 86.84 6.91 -6.91 N | 195.85 3.65 -155.27 N | 105.92 3.80 -60.48 N | 85.31 2.80 -52.71 N | 90.63 4.17 -43.04 N | 94.94 4.12 -48.17 N | 97.07 4.09 -52.92 N | 118.08 4.11 -73.16 N | 81.29 4.20 -36.33 N | 142.88 10.69 -18.78 N | 63.84 4.37 -17.26 N | 72.47 3.37 -35.93 N | 242.92 18.00 -21.24 N | 65.82 4.00 -22.73 N | 59.52 3.14 -26.83 N | 50.18 2.20 -26.60 N |
| FPL_FAR_ROCK_GT2 23815 | 124.37 0.95 -112.86 N | 75.81 1.06 -63.27 N | 58.03 1.31 -42.32 N | 57.94 2.40 -28.63 N | 58.33 3.13 -18.98 N | 18.32 1.43 -0.73 N | 10.79 1.13 0.00 N | 144.29 6.03 -70.95 N | 86.84 6.91 -6.91 N | 195.85 3.65 -155.27 N | 105.92 3.80 -60.48 N | 85.31 2.80 -52.71 N | 90.63 4.17 -43.04 N | 94.94 4.12 -48.17 N | 97.07 4.09 -52.92 N | 118.08 4.11 -73.16 N | 81.29 4.20 -36.33 N | 142.88 10.69 -18.78 N | 63.84 4.37 -17.26 N | 72.47 3.37 -35.93 N | 242.92 18.00 -21.24 N | 65.82 4.00 -22.73 N | 59.52 3.14 -26.83 N | 50.18 2.20 -26.60 N |
| FRANKLIN_FALL_HYD 24054 | 9.25 -1.32 0.00 N | 9.99 -1.50 0.00 N | 12.42 -1.98 0.00 N | 23.17 -3.74 0.00 N | 32.57 -3.65 0.00 N | 14.85 -1.27 0.03 N | 8.48 -1.17 0.00 N | 60.10 -7.22 0.00 N | 64.39 -8.63 0.00 N | 31.92 -5.01 0.00 N | 36.56 -5.08 0.00 N | 25.83 -3.96 0.00 N | 36.42 -7.00 0.00 N | 35.67 -6.99 0.00 N | 31.67 -8.40 0.00 N | 32.66 -8.14 0.00 N | 32.84 -7.91 0.00 N | 91.69 -20.99 0.73 N | 33.79 -8.17 0.25 N | 25.67 -6.31 1.19 N | 164.14 -39.53 0.00 N | 31.64 -7.45 0.00 N | 23.07 -5.96 0.52 N | 16.58 -3.65 1.15 N |

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| FREEPORT_EQUUS_GT1 23764 | 124.40 0.97 -112.86 N | 75.79 1.04 -63.27 N | 58.01 1.29 -42.32 N | 57.92 2.38 -28.63 N | 58.30 3.11 -18.98 N | 18.37 1.48 -0.73 N | 10.82 1.16 0.00 N | 144.65 6.39 -70.95 N | 87.21 7.27 -6.91 N | 195.91 3.71 -155.27 N | 106.06 3.94 -60.48 N | 85.28 2.77 -52.71 N | 90.58 4.12 -43.04 N | 94.96 4.14 -48.17 N | 97.04 4.06 -52.92 N | 118.07 4.11 -73.16 N | 81.25 4.17 -36.33 N | 142.92 10.73 -18.78 N | 63.74 4.26 -17.26 N | 72.38 3.27 -35.93 N | 243.66 18.74 -21.24 N | 65.74 3.91 -22.73 N | 59.48 3.10 -26.83 N | 50.08 2.09 -26.60 N |
| FULTON COGEN____ 23766 | 10.33 -0.23 0.00 N | 11.21 -0.27 0.00 N | 14.04 -0.36 0.00 N | 26.23 -0.67 0.00 N | 35.28 -0.93 0.00 N | 15.74 -0.47 -0.05 N | 9.37 -0.28 0.00 N | 65.94 -1.37 0.00 N | 71.50 -1.52 0.00 N | 36.19 -0.74 0.00 N | 40.73 -0.91 0.00 N | 29.19 -0.60 0.00 N | 42.59 -0.83 0.00 N | 41.84 -0.82 0.00 N | 39.32 -0.75 0.00 N | 39.98 -0.82 0.00 N | 39.90 -0.86 0.00 N | 112.21 -2.30 -1.11 N | 41.76 -0.83 -0.38 N | 34.30 -0.66 -1.80 N | 199.79 -3.88 0.00 N | 38.36 -0.73 0.00 N | 29.75 -0.60 -0.81 N | 22.72 -0.44 -1.78 N |
| Freeport____CT2 23818 | 124.40 0.97 -112.86 N | 75.79 1.04 -63.27 N | 58.01 1.29 -42.32 N | 57.92 2.38 -28.63 N | 58.30 3.11 -18.98 N | 18.37 1.48 -0.73 N | 10.82 1.16 0.00 N | 144.65 6.39 -70.95 N | 87.21 7.27 -6.91 N | 195.91 3.71 -155.27 N | 106.06 3.94 -60.48 N | 85.28 2.77 -52.71 N | 90.58 4.12 -43.04 N | 94.96 4.14 -48.17 N | 97.04 4.06 -52.92 N | 118.07 4.11 -73.16 N | 81.25 4.17 -36.33 N | 142.92 10.73 -18.78 N | 63.74 4.26 -17.26 N | 72.38 3.27 -35.93 N | 243.66 18.74 -21.24 N | 65.74 3.91 -22.73 N | 59.48 3.10 -26.83 N | 50.08 2.09 -26.60 N |
| G.F.CEMENT____DRP 24184 | 11.06 0.49 0.00 N | 12.08 0.59 0.00 N | 15.19 0.79 0.00 N | 28.41 1.50 0.00 N | 38.27 2.06 0.00 N | 18.18 1.08 -0.94 N | 10.54 0.89 0.00 N | 71.31 3.99 0.00 N | 77.73 4.71 0.00 N | 39.15 2.22 0.00 N | 44.37 2.73 0.00 N | 31.52 1.73 0.00 N | 45.95 2.53 0.00 N | 44.77 2.12 0.00 N | 42.18 2.11 0.00 N | 43.38 2.57 0.00 N | 43.05 2.30 0.00 N | 140.08 6.98 -19.69 N | 51.56 2.66 -6.69 N | 67.38 2.24 -31.98 N | 216.86 13.19 0.00 N | 41.42 2.30 -0.03 N | 45.97 1.85 -14.57 N | 54.79 1.30 -32.10 N |
| GARDENVILLE____LBMP 24039 | 10.25 -0.31 0.00 N | 11.05 -0.43 0.00 N | 13.75 -0.65 0.00 N | 25.64 -1.27 0.00 N | 34.35 -1.86 0.00 N | 14.99 -1.26 -0.09 N | 7.67 -1.98 0.00 N | 61.58 -5.74 0.00 N | 66.13 -6.90 0.00 N | 33.45 -3.48 0.00 N | 37.56 -4.08 0.00 N | 27.02 -2.77 0.00 N | 39.41 -4.01 0.00 N | 38.59 -4.07 0.00 N | 36.19 -3.88 0.00 N | 36.60 -4.20 0.00 N | 36.57 -4.18 0.00 N | 103.51 -11.83 -1.93 N | 38.54 -4.33 -0.66 N | 32.90 -3.41 -3.14 N | 182.02 -21.65 0.00 N | 35.28 -3.82 0.00 N | 28.52 -2.44 -1.41 N | 23.30 -1.20 -3.11 N |
| GENERAL____MILLS 23808 | 10.26 -0.31 0.00 N | 11.05 -0.43 0.00 N | 13.75 -0.65 0.00 N | 25.61 -1.30 0.00 N | 34.33 -1.88 0.00 N | 14.99 -1.26 -0.09 N | 7.66 -2.00 0.00 N | 61.53 -5.78 0.00 N | 66.07 -6.95 0.00 N | 33.44 -3.49 0.00 N | 37.56 -4.08 0.00 N | 27.02 -2.78 0.00 N | 39.38 -4.04 0.00 N | 38.57 -4.08 0.00 N | 36.16 -3.91 0.00 N | 36.57 -4.23 0.00 N | 36.55 -4.20 0.00 N | 103.40 -11.94 -1.93 N | 38.50 -4.37 -0.66 N | 32.88 -3.43 -3.14 N | 181.82 -21.86 0.00 N | 35.25 -3.85 0.00 N | 28.52 -2.44 -1.41 N | 23.30 -1.19 -3.11 N |
| GE_PLASTICS____DRP 24183 | 10.82 0.26 0.00 N | 11.79 0.31 0.00 N | 14.81 0.41 0.00 N | 27.68 0.77 0.00 N | 37.24 1.03 0.00 N | 17.59 0.53 -0.90 N | 9.97 0.32 0.00 N | 68.28 0.96 0.00 N | 74.12 1.09 0.00 N | 37.39 0.46 0.00 N | 42.19 0.55 0.00 N | 30.17 0.37 0.00 N | 43.94 0.52 0.00 N | 43.19 0.53 0.00 N | 40.64 0.58 0.00 N | 41.44 0.63 0.00 N | 41.41 0.65 0.00 N | 134.39 1.88 -19.10 N | 49.44 0.74 -6.49 N | 64.75 0.57 -31.01 N | 206.88 3.21 0.00 N | 39.71 0.60 -0.03 N | 44.24 0.58 -14.12 N | 52.90 0.49 -31.03 N |
| GILBOA____1 23756 | 10.83 0.27 0.00 N | 11.80 0.31 0.00 N | 14.83 0.43 0.00 N | 27.72 0.82 0.00 N | 37.29 1.08 0.00 N | 17.34 0.48 -0.70 N | 10.03 0.37 0.00 N | 69.06 1.75 0.00 N | 74.95 1.93 0.00 N | 37.93 1.01 0.00 N | 42.81 1.17 0.00 N | 30.65 0.85 0.00 N | 44.68 1.26 0.00 N | 43.91 1.26 0.00 N | 41.33 1.26 0.00 N | 42.11 1.31 0.00 N | 42.08 1.33 0.00 N | 131.92 3.69 -14.82 N | 48.66 1.41 -5.03 N | 58.33 1.11 -24.06 N | 210.23 6.56 0.00 N | 40.33 1.22 -0.02 N | 41.51 1.00 -10.96 N | 46.24 0.69 -24.17 N |
| GILBOA____2 23757 | 10.83 0.27 0.00 N | 11.80 0.31 0.00 N | 14.83 0.43 0.00 N | 27.72 0.82 0.00 N | 37.29 1.08 0.00 N | 17.34 0.48 -0.70 N | 10.03 0.37 0.00 N | 69.06 1.75 0.00 N | 74.95 1.93 0.00 N | 37.93 1.01 0.00 N | 42.81 1.17 0.00 N | 30.65 0.85 0.00 N | 44.68 1.26 0.00 N | 43.91 1.26 0.00 N | 41.33 1.26 0.00 N | 42.11 1.31 0.00 N | 42.08 1.33 0.00 N | 131.92 3.69 -14.82 N | 48.66 1.41 -5.03 N | 58.33 1.11 -24.06 N | 210.23 6.56 0.00 N | 40.33 1.22 -0.02 N | 41.51 1.00 -10.96 N | 46.24 0.69 -24.17 N |
| GILBOA____3 23758 | 10.83 0.27 0.00 N | 11.80 0.31 0.00 N | 14.83 0.43 0.00 N | 27.72 0.82 0.00 N | 37.29 1.08 0.00 N | 17.34 0.48 -0.70 N | 10.03 0.37 0.00 N | 69.06 1.75 0.00 N | 74.95 1.93 0.00 N | 37.93 1.01 0.00 N | 42.81 1.17 0.00 N | 30.65 0.85 0.00 N | 44.68 1.26 0.00 N | 43.91 1.26 0.00 N | 41.33 1.26 0.00 N | 42.11 1.31 0.00 N | 42.08 1.33 0.00 N | 131.92 3.69 -14.82 N | 48.66 1.41 -5.03 N | 58.33 1.11 -24.06 N | 210.23 6.56 0.00 N | 40.33 1.22 -0.02 N | 41.51 1.00 -10.96 N | 46.24 0.69 -24.17 N |
| GILBOA____4 23759 | 10.83 0.27 0.00 N | 11.80 0.31 0.00 N | 14.83 0.43 0.00 N | 27.72 0.82 0.00 N | 37.29 1.08 0.00 N | 17.34 0.48 -0.70 N | 10.03 0.37 0.00 N | 69.06 1.75 0.00 N | 74.95 1.93 0.00 N | 37.93 1.01 0.00 N | 42.81 1.17 0.00 N | 30.65 0.85 0.00 N | 44.68 1.26 0.00 N | 43.91 1.26 0.00 N | 41.33 1.26 0.00 N | 42.11 1.31 0.00 N | 42.08 1.33 0.00 N | 131.92 3.69 -14.82 N | 48.66 1.41 -5.03 N | 58.33 1.11 -24.06 N | 210.23 6.56 0.00 N | 40.33 1.22 -0.02 N | 41.51 1.00 -10.96 N | 46.24 0.69 -24.17 N |
| GILBOA____ 23599 | 10.83 0.27 0.00 N | 11.80 0.31 0.00 N | 14.83 0.43 0.00 N | 27.72 0.82 0.00 N | 37.29 1.08 0.00 N | 17.34 0.48 -0.70 N | 10.03 0.37 0.00 N | 69.06 1.75 0.00 N | 74.95 1.93 0.00 N | 37.93 1.01 0.00 N | 42.81 1.17 0.00 N | 30.65 0.85 0.00 N | 44.68 1.26 0.00 N | 43.91 1.26 0.00 N | 41.33 1.26 0.00 N | 42.11 1.31 0.00 N | 42.08 1.33 0.00 N | 131.92 3.69 -14.82 N | 48.66 1.41 -5.03 N | 58.33 1.11 -24.06 N | 210.23 6.56 0.00 N | 40.33 1.22 -0.02 N | 41.51 1.00 -10.96 N | 46.24 0.69 -24.17 N |
| GINNA____ 23603 | 9.89 -0.68 0.00 N | 10.71 -0.78 0.00 N | 13.38 -1.02 0.00 N | 24.94 -1.97 0.00 N | 33.44 -2.77 0.00 N | 14.81 -1.42 -0.07 N | 8.37 -1.29 0.00 N | 62.08 -5.23 0.00 N | 67.15 -5.87 0.00 N | 33.99 -2.93 0.00 N | 38.30 -3.34 0.00 N | 27.51 -2.28 0.00 N | 40.08 -3.34 0.00 N | 39.29 -3.37 0.00 N | 36.85 -3.22 0.00 N | 37.37 -3.43 0.00 N | 37.31 -3.44 0.00 N | 105.19 -9.78 -1.57 N | 39.06 -3.69 -0.53 N | 32.83 -2.89 -2.55 N | 186.39 -17.28 0.00 N | 35.89 -3.20 0.00 N | 28.30 -2.39 -1.14 N | 22.35 -1.54 -2.51 N |
| GLEN PARK____ 23778 | 10.26 -0.31 0.00 N | 11.07 -0.42 0.00 N | 13.83 -0.57 0.00 N | 25.87 -1.03 0.00 N | 35.17 -1.04 0.00 N | 15.81 -0.37 -0.02 N | 9.65 -0.01 0.00 N | 66.77 -0.54 0.00 N | 72.22 -0.80 0.00 N | 36.35 -0.58 0.00 N | 41.08 -0.56 0.00 N | 29.30 -0.49 0.00 N | 42.41 -1.02 0.00 N | 41.67 -0.98 0.00 N | 38.73 -1.34 0.00 N | 39.51 -1.29 0.00 N | 39.44 -1.31 0.00 N | 110.65 -3.20 -0.44 N | 41.09 -1.27 -0.15 N | 32.91 -0.98 -0.72 N | 198.98 -4.69 0.00 N | 38.26 -0.83 0.00 N | 28.90 -0.99 -0.35 N | 21.44 -0.70 -0.76 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| GLENWOOD_IC_1_G5 23712 | 124.26 0.83 -112.86 N | 75.65 0.89 -63.27 N | 57.82 1.10 -42.32 N | 57.56 2.02 -28.63 N | 57.81 2.62 -18.98 N | 18.15 1.26 -0.73 N | 10.72 1.06 0.00 N | 143.97 5.71 -70.95 N | 86.47 6.54 -6.91 N | 195.68 3.48 -155.27 N | 106.05 3.93 -60.48 N | 85.28 2.78 -52.71 N | 90.59 4.13 -43.04 N | 94.98 4.16 -48.17 N | 97.08 4.09 -52.92 N | 118.12 4.15 -73.16 N | 81.27 4.19 -36.33 N | 143.22 11.03 -18.78 N | 63.68 4.21 -17.26 N | 72.33 3.22 -35.93 N | 243.82 18.90 -21.24 N | 65.62 3.80 -22.73 N | 59.22 2.84 -26.83 N | 49.83 1.84 -26.60 N | | |
| GLENWOOD_IC_2_G1 23688 | 124.20 0.78 -112.86 N | 75.59 0.84 -63.27 N | 57.75 1.03 -42.32 N | 57.42 1.88 -28.63 N | 57.63 2.44 -18.98 N | 18.06 1.18 -0.73 N | 10.64 0.99 0.00 N | 143.61 5.35 -70.95 N | 86.06 6.13 -6.91 N | 195.47 3.27 -155.27 N | 105.80 3.68 -60.48 N | 85.10 2.59 -52.71 N | 90.31 3.84 -43.04 N | 94.71 3.88 -48.17 N | 96.82 3.83 -52.92 N | 117.85 3.89 -73.16 N | 81.01 3.92 -36.33 N | 142.54 10.35 -18.78 N | 63.42 3.94 -17.26 N | 72.12 3.02 -35.93 N | 242.67 17.76 -21.24 N | 65.37 3.55 -22.73 N | 59.04 2.66 -26.83 N | 49.72 1.73 -26.60 N | | |
| GLENWOOD_IC_3_G1 23689 | 124.20 0.78 -112.86 N | 75.59 0.84 -63.27 N | 57.75 1.03 -42.32 N | 57.42 1.88 -28.63 N | 57.63 2.44 -18.98 N | 18.06 1.18 -0.73 N | 10.64 0.99 0.00 N | 143.61 5.35 -70.95 N | 86.06 6.13 -6.91 N | 195.47 3.27 -155.27 N | 105.80 3.68 -60.48 N | 85.10 2.59 -52.71 N | 90.31 3.84 -43.04 N | 94.71 3.88 -48.17 N | 96.82 3.83 -52.92 N | 117.85 3.89 -73.16 N | 81.01 3.92 -36.33 N | 142.54 10.35 -18.78 N | 63.42 3.94 -17.26 N | 72.12 3.02 -35.93 N | 242.67 17.76 -21.24 N | 65.37 3.55 -22.73 N | 59.04 2.66 -26.83 N | 49.72 1.73 -26.60 N | | |
| GLENWOOD___4 23550 | 124.26 0.83 -112.86 N | 75.65 0.90 -63.27 N | 57.82 1.10 -42.32 N | 57.56 2.02 -28.63 N | 57.81 2.62 -18.98 N | 18.15 1.26 -0.73 N | 10.72 1.06 0.00 N | 143.97 5.71 -70.95 N | 86.47 6.54 -6.91 N | 195.69 3.49 -155.27 N | 106.05 3.93 -60.48 N | 85.28 2.78 -52.71 N | 90.59 4.13 -43.04 N | 94.98 4.16 -48.17 N | 97.08 4.09 -52.92 N | 118.12 4.15 -73.16 N | 81.27 4.19 -36.33 N | 143.22 11.03 -18.78 N | 63.68 4.21 -17.26 N | 72.33 3.22 -35.93 N | 243.82 18.90 -21.24 N | 65.62 3.80 -22.73 N | 59.22 2.84 -26.83 N | 49.83 1.84 -26.60 N | | |
| GLENWOOD___5 23614 | 124.26 0.83 -112.86 N | 75.65 0.90 -63.27 N | 57.82 1.10 -42.32 N | 57.56 2.02 -28.63 N | 57.81 2.62 -18.98 N | 18.15 1.26 -0.73 N | 10.72 1.06 0.00 N | 143.97 5.71 -70.95 N | 86.47 6.54 -6.91 N | 195.69 3.49 -155.27 N | 106.05 3.93 -60.48 N | 85.28 2.78 -52.71 N | 90.59 4.13 -43.04 N | 94.98 4.16 -48.17 N | 97.08 4.09 -52.92 N | 118.12 4.15 -73.16 N | 81.27 4.19 -36.33 N | 143.22 11.03 -18.78 N | 63.68 4.21 -17.26 N | 72.33 3.22 -35.93 N | 243.82 18.90 -21.24 N | 65.62 3.80 -22.73 N | 59.22 2.84 -26.83 N | 49.83 1.84 -26.60 N | | |
| GLOBAL GREEN_PORT_GT1 23814 | 125.43 2.01 -112.86 N | 76.87 2.12 -63.27 N | 59.34 2.62 -42.32 N | 60.41 4.87 -28.63 N | 61.77 6.58 -18.98 N | 20.02 3.13 -0.73 N | 12.24 2.59 0.00 N | 153.98 15.72 -70.95 N | 97.35 17.41 -6.91 N | 201.16 8.96 -155.27 N | 112.09 9.97 -60.48 N | 89.21 6.71 -52.71 N | 95.88 9.41 -43.04 N | 99.89 9.06 -48.17 N | 101.68 8.69 -52.92 N | 122.31 8.35 -73.16 N | 85.68 8.60 -36.33 N | 155.28 23.10 -18.78 N | 68.65 9.17 -17.26 N | 76.35 7.25 -35.93 N | 263.98 39.07 -21.24 N | 68.49 6.67 -22.73 N | 61.04 4.66 -26.83 N | 51.07 3.09 -26.60 N | | |
| GOETHSLN___LBMP 323567 | 11.25 0.68 0.00 N | 12.20 0.71 0.00 N | 15.27 0.87 0.00 N | 28.47 1.56 0.00 N | 38.23 2.02 0.00 N | 17.86 0.98 -0.72 N | 10.58 0.92 0.00 N | 72.20 4.89 0.00 N | 78.72 5.69 0.00 N | 40.00 3.08 0.00 N | 45.11 3.47 0.00 N | 32.25 2.46 0.00 N | 47.07 3.64 0.00 N | 46.36 3.71 0.00 N | 43.76 3.69 0.00 N | 44.50 3.69 0.00 N | 44.49 3.73 0.00 N | 138.52 9.93 -15.18 N | 51.07 3.70 -5.16 N | 60.64 2.81 -24.66 N | 220.54 16.87 0.00 N | 42.42 3.31 -0.02 N | 43.24 2.46 -11.24 N | 47.74 1.56 -24.79 N | | |
| GOUDEY___7 23579 | 10.84 0.27 0.00 N | 11.74 0.25 0.00 N | 14.67 0.27 0.00 N | 27.53 0.63 0.00 N | 36.99 0.78 0.00 N | 16.64 0.25 -0.24 N | 9.76 0.11 0.00 N | 68.44 1.13 0.00 N | 74.20 1.17 0.00 N | 37.51 0.58 0.00 N | 42.15 0.51 0.00 N | 30.12 0.32 0.00 N | 44.22 0.80 0.00 N | 43.38 0.72 0.00 N | 40.82 0.75 0.00 N | 41.59 0.78 0.00 N | 41.45 0.69 0.00 N | 120.51 2.04 -5.05 N | 44.69 0.76 -1.72 N | 41.91 0.54 -8.20 N | 207.38 3.71 0.00 N | 39.89 0.79 -0.01 N | 33.73 0.47 -3.71 N | 29.84 0.27 -8.19 N | | |
| GOUDEY___8 23580 | 10.82 0.26 0.00 N | 11.73 0.25 0.00 N | 14.66 0.26 0.00 N | 27.51 0.61 0.00 N | 36.96 0.75 0.00 N | 16.63 0.23 -0.24 N | 9.76 0.10 0.00 N | 68.37 1.06 0.00 N | 74.12 1.10 0.00 N | 37.47 0.54 0.00 N | 42.11 0.47 0.00 N | 30.09 0.30 0.00 N | 44.17 0.75 0.00 N | 43.33 0.67 0.00 N | 40.77 0.70 0.00 N | 41.53 0.73 0.00 N | 41.40 0.64 0.00 N | 120.39 1.93 -5.05 N | 44.65 0.72 -1.72 N | 41.88 0.51 -8.20 N | 207.17 3.51 0.00 N | 39.85 0.75 -0.01 N | 33.70 0.44 -3.71 N | 29.82 0.25 -8.19 N | | |
| GOWANUS_GT1_1 24077 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| GOWANUS_GT1_2 24078 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| GOWANUS_GT1_3 24079 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| GOWANUS_GT1_4 24080 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| GOWANUS_GT1_5 | 11.36 | 12.32 | 15.41 | 28.73 | 38.56 | 17.99 | 10.68 | 72.86 | 79.44 | 40.43 | 45.55 | 32.57 | 47.52 | 46.81 | 44.17 | 44.92 | 44.89 | 139.41 | 51.47 | 60.95 | 222.09 | 42.87 | 43.56 | 47.95 | | |

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|------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| 24084 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT1_6 24111 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT1_7 24112 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT1_8 24113 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_1 24114 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_2 24115 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_3 24116 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_4 24117 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_5 24118 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_6 24119 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_7 24120 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT2_8 24121 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_1 24122 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_2 24123 | | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |

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|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| GOWANUS_GT3_3 24124 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_4 24125 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_5 24126 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_6 24127 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_7 24128 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT3_8 24129 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_1 24130 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_2 24131 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_3 24132 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_4 24133 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_5 24134 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_6 24135 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_7 24136 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| GOWANUS_GT4_8 24137 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 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 |
|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---|
| GREENIDGE___3 23582 | 10.98 0.41 0.00 N | 11.90 0.41 0.00 N | 14.81 0.41 0.00 N | 27.82 0.91 0.00 N | 37.01 0.79 0.00 N | 16.40 0.11 -0.13 N | 9.49 -0.17 0.00 N | 68.75 1.44 0.00 N | 74.65 1.63 0.00 N | 37.77 0.84 0.00 N | 42.35 0.71 0.00 N | 30.49 0.69 0.00 N | 44.85 1.43 0.00 N | 43.69 1.03 0.00 N | 40.89 0.82 0.00 N | 41.59 0.79 0.00 N | 41.37 0.62 0.00 N | 117.97 1.69 -2.87 N | 43.78 0.59 -0.98 N | 38.24 0.40 -4.67 N | 207.23 3.56 0.00 N | 40.03 0.94 0.00 N | 32.18 0.57 -2.07 N | 26.28 0.34 -4.56 N | |
| GREENIDGE___4 23583 | 10.98 0.41 0.00 N | 11.90 0.41 0.00 N | 14.81 0.41 0.00 N | 27.82 0.91 0.00 N | 37.01 0.79 0.00 N | 16.40 0.11 -0.13 N | 9.49 -0.17 0.00 N | 68.75 1.44 0.00 N | 74.65 1.63 0.00 N | 37.77 0.84 0.00 N | 42.35 0.71 0.00 N | 30.49 0.69 0.00 N | 44.85 1.43 0.00 N | 43.69 1.03 0.00 N | 40.89 0.82 0.00 N | 41.59 0.79 0.00 N | 41.37 0.62 0.00 N | 117.97 1.69 -2.87 N | 43.78 0.59 -0.98 N | 38.24 0.40 -4.67 N | 207.23 3.56 0.00 N | 40.03 0.94 0.00 N | 32.18 0.57 -2.07 N | 26.28 0.34 -4.56 N | |
| GROVEVILLE___HYD 323602 | 11.21 0.64 0.00 N | 12.18 0.69 0.00 N | 15.26 0.85 0.00 N | 28.47 1.56 0.00 N | 38.21 1.99 0.00 N | 17.86 0.96 -0.74 N | 10.48 0.82 0.00 N | 71.66 4.35 0.00 N | 77.95 4.93 0.00 N | 39.54 2.61 0.00 N | 44.62 2.98 0.00 N | 31.88 2.08 0.00 N | 46.52 3.09 0.00 N | 45.79 3.14 0.00 N | 43.18 3.11 0.00 N | 43.98 3.17 0.00 N | 43.95 3.20 0.00 N | 137.56 8.65 -15.51 N | 50.70 3.22 -5.27 N | 60.84 2.49 -25.18 N | 218.74 15.07 0.00 N | 42.02 2.91 -0.02 N | 43.24 2.21 -11.48 N | 48.18 1.46 -25.35 N | |
| HAMPSHIRE___PAPER_HYD 323593 | 9.59 -0.98 0.00 N | 10.37 -1.11 0.00 N | 12.93 -1.47 0.00 N | 24.19 -2.71 0.00 N | 33.41 -2.81 0.00 N | 15.13 -1.03 0.00 N | 8.90 -0.76 0.00 N | 61.76 -5.55 0.00 N | 66.38 -6.64 0.00 N | 33.20 -3.73 0.00 N | 37.93 -3.71 0.00 N | 26.93 -2.86 0.00 N | 38.26 -5.16 0.00 N | 37.59 -5.06 0.00 N | 34.29 -5.78 0.00 N | 35.27 -5.54 0.00 N | 35.27 -5.48 0.00 N | 99.27 -14.14 0.00 N | 36.74 -5.47 0.00 N | 28.94 -4.23 0.00 N | 178.15 -25.52 0.00 N | 34.27 -4.82 0.00 N | 25.57 -3.97 0.00 N | 18.91 -2.47 0.00 N | |
| HARZA MOOSE___RIVER 24016 | 10.40 -0.17 0.00 N | 11.27 -0.22 0.00 N | 14.08 -0.32 0.00 N | 26.35 -0.56 0.00 N | 35.72 -0.50 0.00 N | 16.02 -0.14 0.00 N | 9.69 0.04 0.00 N | 67.17 -0.14 0.00 N | 72.73 -0.29 0.00 N | 36.67 -0.26 0.00 N | 41.47 -0.18 0.00 N | 29.58 -0.21 0.00 N | 42.85 -0.57 0.00 N | 42.09 -0.56 0.00 N | 39.22 -0.85 0.00 N | 40.00 -0.81 0.00 N | 39.93 -0.82 0.00 N | 111.40 -2.01 0.00 N | 41.38 -0.83 0.00 N | 32.54 -0.63 0.00 N | 200.62 -3.05 0.00 N | 38.50 -0.59 0.00 N | 28.85 -0.70 0.00 N | 20.91 -0.48 0.00 N | |
| HEMPSTEAD___ 23647 | 124.29 0.87 -112.86 N | 75.69 0.93 -63.27 N | 57.87 1.15 -42.32 N | 57.65 2.11 -28.63 N | 57.94 2.74 -18.98 N | 18.20 1.32 -0.73 N | 10.73 1.07 0.00 N | 144.03 5.77 -70.95 N | 86.55 6.61 -6.91 N | 195.71 3.51 -155.27 N | 106.01 3.89 -60.48 N | 85.23 2.73 -52.71 N | 90.51 4.05 -43.04 N | 94.89 4.07 -48.17 N | 96.99 4.00 -52.92 N | 118.03 4.07 -73.16 N | 81.18 4.10 -36.33 N | 142.82 10.63 -18.78 N | 63.62 4.15 -17.26 N | 72.27 3.17 -35.93 N | 243.20 18.29 -21.24 N | 65.57 3.75 -22.73 N | 59.24 2.86 -26.83 N | 49.85 1.87 -26.60 N | |
| HICKLING___1 23621 | 11.62 1.05 0.00 N | 12.53 1.04 0.00 N | 15.57 1.17 0.00 N | 29.40 2.49 0.00 N | 39.37 3.16 0.00 N | 17.49 1.16 -0.17 N | 10.22 0.57 0.00 N | 72.73 5.42 0.00 N | 78.85 5.82 0.00 N | 39.89 2.96 0.00 N | 44.65 3.01 0.00 N | 31.87 2.07 0.00 N | 47.21 3.78 0.00 N | 46.08 3.43 0.00 N | 43.34 3.27 0.00 N | 44.17 3.37 0.00 N | 43.81 3.06 0.00 N | 125.83 8.69 -3.72 N | 46.70 3.22 -1.26 N | 41.61 2.40 -6.04 N | 219.83 16.15 0.00 N | 42.37 3.27 0.00 N | 34.31 2.07 -2.70 N | 28.63 1.30 -5.94 N | |
| HICKLING___2 23622 | 11.62 1.05 0.00 N | 12.53 1.04 0.00 N | 15.57 1.17 0.00 N | 29.40 2.49 0.00 N | 39.37 3.16 0.00 N | 17.49 1.16 -0.17 N | 10.22 0.57 0.00 N | 72.73 5.42 0.00 N | 78.85 5.82 0.00 N | 39.89 2.96 0.00 N | 44.65 3.01 0.00 N | 31.87 2.07 0.00 N | 47.21 3.78 0.00 N | 46.08 3.43 0.00 N | 43.34 3.27 0.00 N | 44.17 3.37 0.00 N | 43.81 3.06 0.00 N | 125.83 8.69 -3.72 N | 46.70 3.22 -1.26 N | 41.61 2.40 -6.04 N | 219.83 16.15 0.00 N | 42.37 3.27 0.00 N | 34.31 2.07 -2.70 N | 28.63 1.30 -5.94 N | |
| HIGH FALLS___HY 23754 | 11.50 0.93 0.00 N | 12.55 1.06 0.00 N | 15.73 1.33 0.00 N | 29.36 2.46 0.00 N | 39.45 3.24 0.00 N | 18.41 1.52 -0.73 N | 10.94 1.29 0.00 N | 74.70 7.39 0.00 N | 80.78 7.76 0.00 N | 40.68 3.75 0.00 N | 45.69 4.05 0.00 N | 32.62 2.83 0.00 N | 47.61 4.19 0.00 N | 46.89 4.23 0.00 N | 44.19 4.12 0.00 N | 45.07 4.26 0.00 N | 45.46 4.70 0.00 N | 141.46 12.85 -15.19 N | 52.09 4.71 -5.16 N | 61.51 3.67 -24.67 N | 226.71 23.04 0.00 N | 43.45 4.34 -0.02 N | 44.03 3.22 -11.26 N | 48.49 2.17 -24.94 N | |
| HILLBURN___GT 23639 | 11.24 0.67 0.00 N | 12.22 0.73 0.00 N | 15.30 0.90 0.00 N | 28.54 1.63 0.00 N | 38.31 2.10 0.00 N | 17.86 1.01 -0.69 N | 10.56 0.90 0.00 N | 72.19 4.87 0.00 N | 78.46 5.44 0.00 N | 39.79 2.87 0.00 N | 44.81 3.17 0.00 N | 32.02 2.23 0.00 N | 46.74 3.32 0.00 N | 46.05 3.40 0.00 N | 43.46 3.39 0.00 N | 44.26 3.46 0.00 N | 44.26 3.50 0.00 N | 137.46 9.50 -14.54 N | 50.69 3.54 -4.94 N | 59.50 2.72 -23.61 N | 220.04 16.37 0.00 N | 42.31 3.20 -0.02 N | 42.71 2.40 -10.76 N | 46.67 1.54 -23.75 N | |
| HISHELDN_WT_PWR 323625 | 11.44 0.87 0.00 N | 12.33 0.84 0.00 N | 15.32 0.92 0.00 N | 28.90 1.99 0.00 N | 38.63 2.41 0.00 N | 17.16 0.84 -0.16 N | 10.08 0.42 0.00 N | 71.45 4.14 0.00 N | 77.61 4.59 0.00 N | 39.33 2.40 0.00 N | 43.96 2.32 0.00 N | 31.30 1.51 0.00 N | 46.30 2.88 0.00 N | 45.25 2.60 0.00 N | 42.55 2.48 0.00 N | 43.33 2.52 0.00 N | 42.97 2.22 0.00 N | 123.19 6.34 -3.44 N | 45.76 2.38 -1.17 N | 40.51 1.75 -5.59 N | 215.06 11.39 0.00 N | 41.46 2.37 0.00 N | 33.50 1.46 -2.50 N | 27.73 0.83 -5.51 N | |
| HOLTSVILLE_IC_1 23690 | 124.57 1.14 -112.86 N | 75.97 1.21 -63.27 N | 58.22 1.50 -42.32 N | 58.32 2.77 -28.63 N | 58.85 3.65 -18.98 N | 18.69 1.80 -0.73 N | 11.05 1.39 0.00 N | 146.19 7.93 -70.95 N | 88.88 8.94 -6.91 N | 196.88 4.68 -155.27 N | 107.21 5.09 -60.48 N | 86.01 3.51 -52.71 N | 91.61 5.15 -43.04 N | 95.95 5.13 -48.17 N | 98.02 5.03 -52.92 N | 119.07 5.11 -73.16 N | 82.27 5.19 -36.33 N | 145.71 13.53 -18.78 N | 64.78 5.30 -17.26 N | 73.16 4.06 -35.93 N | 248.45 23.54 -21.24 N | 66.56 4.74 -22.73 N | 59.96 3.58 -26.83 N | 50.35 2.36 -26.60 N | |
| HOLTSVILLE_IC_10 23699 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.34 4.14 -18.98 N | 18.91 2.02 -0.73 N | 11.21 1.55 0.00 N | 147.38 9.12 -70.95 N | 90.18 10.24 -6.91 N | 197.52 5.32 -155.27 N | 107.92 5.80 -60.48 N | 86.49 3.99 -52.71 N | 92.34 5.87 -43.04 N | 96.67 5.84 -48.17 N | 98.69 5.71 -52.92 N | 119.75 5.79 -73.16 N | 82.97 5.89 -36.33 N | 147.66 15.48 -18.78 N | 65.52 6.04 -17.26 N | 73.74 4.63 -35.93 N | 252.35 27.43 -21.24 N | 67.32 5.50 -22.73 N | 60.48 4.10 -26.83 N | 50.69 2.71 -26.60 N | |
| HOLTSVILLE_IC_2 | 124.57 | 75.97 | 58.22 | 58.32 | 58.85 | 18.69 | 11.05 | 146.19 | 88.88 | 196.88 | 107.21 | 86.01 | 91.61 | 95.95 | 98.02 | 119.07 | 82.27 | 145.71 | 64.78 | 73.16 | 248.45 | 66.56 | 59.96 | 50.35 | |

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|-------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|
| 23691 | 1.14 -112.86 N | 1.21 -63.27 N | 1.50 -42.32 N | 2.77 -28.63 N | 3.65 -18.98 N | 1.80 -0.73 N | 1.39 0.00 N | 7.93 -70.95 N | 8.94 -6.91 N | 4.68 -155.27 N | 5.09 -60.48 N | 3.51 -52.71 N | 5.15 -43.04 N | 5.13 -48.17 N | 5.03 -52.92 N | 5.11 -73.16 N | 5.19 -36.33 N | 13.53 -18.78 N | 5.30 -17.26 N | 4.06 -35.93 N | 23.54 -21.24 N | 4.74 -22.73 N | 3.58 -26.83 N | 2.36 -26.60 N |
| HOLTSVILLE_IC_3 23692 | 124.57 1.14 -112.86 N | 75.97 1.21 -63.27 N | 58.22 1.50 -42.32 N | 58.32 2.77 -28.63 N | 58.85 3.65 -18.98 N | 18.69 1.80 -0.73 N | 11.05 1.39 0.00 N | 146.19 7.93 -70.95 N | 88.88 8.94 -6.91 N | 196.88 4.68 -155.27 N | 107.21 5.09 -60.48 N | 86.01 3.51 -52.71 N | 91.61 5.15 -43.04 N | 95.95 5.13 -48.17 N | 98.02 5.03 -52.92 N | 119.07 5.11 -73.16 N | 82.27 5.19 -36.33 N | 145.71 13.53 -18.78 N | 64.78 5.30 -17.26 N | 73.16 4.06 -35.93 N | 248.45 23.54 -21.24 N | 66.56 4.74 -22.73 N | 59.96 3.58 -26.83 N | 50.35 2.36 -26.60 N |
| HOLTSVILLE_IC_4 23693 | 124.57 1.14 -112.86 N | 75.97 1.21 -63.27 N | 58.22 1.50 -42.32 N | 58.32 2.77 -28.63 N | 58.85 3.65 -18.98 N | 18.69 1.80 -0.73 N | 11.05 1.39 0.00 N | 146.19 7.93 -70.95 N | 88.88 8.94 -6.91 N | 196.88 4.68 -155.27 N | 107.21 5.09 -60.48 N | 86.01 3.51 -52.71 N | 91.61 5.15 -43.04 N | 95.95 5.13 -48.17 N | 98.02 5.03 -52.92 N | 119.07 5.11 -73.16 N | 82.27 5.19 -36.33 N | 145.71 13.53 -18.78 N | 64.78 5.30 -17.26 N | 73.16 4.06 -35.93 N | 248.45 23.54 -21.24 N | 66.56 4.74 -22.73 N | 59.96 3.58 -26.83 N | 50.35 2.36 -26.60 N |
| HOLTSVILLE_IC_5 23694 | 124.57 1.14 -112.86 N | 75.97 1.21 -63.27 N | 58.22 1.50 -42.32 N | 58.32 2.77 -28.63 N | 58.85 3.65 -18.98 N | 18.69 1.80 -0.73 N | 11.05 1.39 0.00 N | 146.19 7.93 -70.95 N | 88.88 8.94 -6.91 N | 196.88 4.68 -155.27 N | 107.21 5.09 -60.48 N | 86.01 3.51 -52.71 N | 91.61 5.15 -43.04 N | 95.95 5.13 -48.17 N | 98.02 5.03 -52.92 N | 119.07 5.11 -73.16 N | 82.27 5.19 -36.33 N | 145.71 13.53 -18.78 N | 64.78 5.30 -17.26 N | 73.16 4.06 -35.93 N | 248.45 23.54 -21.24 N | 66.56 4.74 -22.73 N | 59.96 3.58 -26.83 N | 50.35 2.36 -26.60 N |
| HOLTSVILLE_IC_6 23695 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.34 4.14 -18.98 N | 18.91 2.02 -0.73 N | 11.21 1.55 0.00 N | 147.38 9.12 -70.95 N | 90.18 10.24 -6.91 N | 197.52 5.32 -155.27 N | 107.92 5.80 -60.48 N | 86.49 3.99 -52.71 N | 92.34 5.87 -43.04 N | 96.67 5.84 -48.17 N | 98.69 5.71 -52.92 N | 119.75 5.79 -73.16 N | 82.97 5.89 -36.33 N | 147.66 15.48 -18.78 N | 65.52 6.04 -17.26 N | 73.74 4.63 -35.93 N | 252.35 27.43 -21.24 N | 67.32 5.50 -22.73 N | 60.48 4.10 -26.83 N | 50.69 2.71 -26.60 N |
| HOLTSVILLE_IC_7 23696 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.34 4.14 -18.98 N | 18.91 2.02 -0.73 N | 11.21 1.55 0.00 N | 147.38 9.12 -70.95 N | 90.18 10.24 -6.91 N | 197.52 5.32 -155.27 N | 107.92 5.80 -60.48 N | 86.49 3.99 -52.71 N | 92.34 5.87 -43.04 N | 96.67 5.84 -48.17 N | 98.69 5.71 -52.92 N | 119.75 5.79 -73.16 N | 82.97 5.89 -36.33 N | 147.66 15.48 -18.78 N | 65.52 6.04 -17.26 N | 73.74 4.63 -35.93 N | 252.35 27.43 -21.24 N | 67.32 5.50 -22.73 N | 60.48 4.10 -26.83 N | 50.69 2.71 -26.60 N |
| HOLTSVILLE_IC_8 23697 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.34 4.14 -18.98 N | 18.91 2.02 -0.73 N | 11.21 1.55 0.00 N | 147.38 9.12 -70.95 N | 90.18 10.24 -6.91 N | 197.52 5.32 -155.27 N | 107.92 5.80 -60.48 N | 86.49 3.99 -52.71 N | 92.34 5.87 -43.04 N | 96.67 5.84 -48.17 N | 98.69 5.71 -52.92 N | 119.75 5.79 -73.16 N | 82.97 5.89 -36.33 N | 147.66 15.48 -18.78 N | 65.52 6.04 -17.26 N | 73.74 4.63 -35.93 N | 252.35 27.43 -21.24 N | 67.32 5.50 -22.73 N | 60.48 4.10 -26.83 N | 50.69 2.71 -26.60 N |
| HOLTSVILLE_IC_9 23698 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.34 4.14 -18.98 N | 18.91 2.02 -0.73 N | 11.21 1.55 0.00 N | 147.38 9.12 -70.95 N | 90.18 10.24 -6.91 N | 197.52 5.32 -155.27 N | 107.92 5.80 -60.48 N | 86.49 3.99 -52.71 N | 92.34 5.87 -43.04 N | 96.67 5.84 -48.17 N | 98.69 5.71 -52.92 N | 119.75 5.79 -73.16 N | 82.97 5.89 -36.33 N | 147.66 15.48 -18.78 N | 65.52 6.04 -17.26 N | 73.74 4.63 -35.93 N | 252.35 27.43 -21.24 N | 67.32 5.50 -22.73 N | 60.48 4.10 -26.83 N | 50.69 2.71 -26.60 N |
| HQ_GEN_CEDARS 23644 | 9.36 -1.21 0.00 N | 10.14 -1.34 0.00 N | 12.62 -1.77 0.00 N | 23.58 -3.33 0.00 N | 33.10 -3.11 0.00 N | 15.07 -1.06 0.03 N | 8.45 -1.21 0.00 N | 59.03 -8.28 0.00 N | 62.94 -10.08 0.00 N | 31.27 -5.66 0.00 N | 36.34 -5.30 0.00 N | 25.66 -4.13 0.00 N | 35.53 -7.89 0.00 N | 34.87 -7.78 0.00 N | 31.02 -9.05 0.00 N | 32.37 -8.43 0.00 N | 32.55 -8.21 0.00 N | 91.83 -20.86 0.71 N | 33.86 -8.11 0.24 N | 25.72 -6.29 1.16 N | 164.37 -39.29 0.00 N | 31.69 -7.40 0.00 N | 23.17 -5.87 0.50 N | 16.90 -3.37 1.11 N |
| HQ_GEN_CEDARS_PROXY 323590 | 9.36 -1.21 0.00 N | 10.14 -1.34 0.00 N | 12.62 -1.77 0.00 N | 23.58 -3.33 0.00 N | 33.10 -3.11 0.00 N | 15.07 -1.06 0.03 N | 8.45 -1.21 0.00 N | 59.03 -8.28 0.00 N | 62.94 -10.08 0.00 N | 31.27 -5.66 0.00 N | 36.34 -5.30 0.00 N | 25.66 -4.13 0.00 N | 35.53 -7.89 0.00 N | 34.87 -7.78 0.00 N | 31.02 -9.05 0.00 N | 32.37 -8.43 0.00 N | 32.55 -8.21 0.00 N | 91.83 -20.86 0.71 N | 33.86 -8.11 0.24 N | 25.72 -6.29 1.16 N | 164.37 -39.29 0.00 N | 31.69 -7.40 0.00 N | 23.17 -5.87 0.50 N | 16.90 -3.37 1.11 N |
| HQ_GEN_IMPORT 323601 | 10.57 0.00 0.00 N | 11.49 0.00 0.00 N | 14.40 0.00 0.00 N | 26.91 0.00 0.00 N | 36.21 0.00 0.00 N | 16.16 0.00 0.00 N | 9.66 0.00 0.00 N | 67.31 0.00 0.00 N | 73.02 0.00 0.00 N | 36.93 0.00 0.00 N | 41.64 0.00 0.00 N | 29.80 0.00 0.00 N | 43.42 0.00 0.00 N | 42.66 0.00 0.00 N | 40.07 0.00 0.00 N | 40.80 0.00 0.00 N | 40.76 0.00 0.00 N | 113.41 0.00 0.00 N | 42.21 0.00 0.00 N | 33.17 0.00 0.00 N | 203.67 0.00 0.00 N | 39.09 0.00 0.00 N | 29.55 0.00 0.00 N | 21.38 0.00 0.00 N |
| HQ_GEN_WHEEL 23651 | 10.57 0.00 0.00 N | 11.49 0.00 0.00 N | 14.40 0.00 0.00 N | 26.91 0.00 0.00 N | 36.21 0.00 0.00 N | 16.16 0.00 0.00 N | 9.66 0.00 0.00 N | 67.31 0.00 0.00 N | 73.02 0.00 0.00 N | 36.93 0.00 0.00 N | 41.64 0.00 0.00 N | 29.80 0.00 0.00 N | 43.42 0.00 0.00 N | 42.66 0.00 0.00 N | 40.07 0.00 0.00 N | 40.80 0.00 0.00 N | 40.76 0.00 0.00 N | 113.41 0.00 0.00 N | 42.21 0.00 0.00 N | 33.17 0.00 0.00 N | 203.67 0.00 0.00 N | 39.09 0.00 0.00 N | 29.55 0.00 0.00 N | 21.38 0.00 0.00 N |
| HUDSON AVE_GT_3 23810 | 11.30 0.73 0.00 N | 12.25 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.69 0.00 N | 38.40 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.57 5.26 0.00 N | 79.10 6.07 0.00 N | 40.20 3.27 0.00 N | 45.33 3.68 0.00 N | 32.39 2.60 0.00 N | 47.28 3.86 0.00 N | 46.56 3.90 0.00 N | 43.93 3.87 0.00 N | 44.70 3.89 0.00 N | 44.68 3.93 0.00 N | 139.09 10.50 -15.18 N | 51.27 3.90 -5.16 N | 60.79 2.97 -24.66 N | 221.45 17.78 0.00 N | 42.61 3.49 -0.02 N | 43.39 2.60 -11.24 N | 47.84 1.66 -24.79 N |
| HUDSON AVE_GT_4 23540 | 11.30 0.73 0.00 N | 12.25 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.69 0.00 N | 38.40 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.57 5.26 0.00 N | 79.10 6.07 0.00 N | 40.20 3.27 0.00 N | 45.33 3.68 0.00 N | 32.39 2.60 0.00 N | 47.28 3.86 0.00 N | 46.56 3.90 0.00 N | 43.93 3.87 0.00 N | 44.70 3.89 0.00 N | 44.68 3.93 0.00 N | 139.09 10.50 -15.18 N | 51.27 3.90 -5.16 N | 60.79 2.97 -24.66 N | 221.45 17.78 0.00 N | 42.61 3.49 -0.02 N | 43.39 2.60 -11.24 N | 47.84 1.66 -24.79 N |

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| HUDSON AVE_GT_5 23657 | 11.30 0.73 0.00 N | 12.25 0.77 0.00 N | 15.33 0.93 0.00 N | 28.60 1.69 0.00 N | 38.40 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.57 5.26 0.00 N | 79.10 6.07 0.00 N | 40.20 3.27 0.00 N | 45.33 3.68 0.00 N | 32.39 2.60 0.00 N | 47.28 3.86 0.00 N | 46.56 3.90 0.00 N | 43.93 3.87 0.00 N | 44.70 3.89 0.00 N | 44.68 3.93 0.00 N | 139.09 10.50 -15.18 N | 51.27 3.90 -5.16 N | 60.79 2.97 -24.66 N | 221.45 17.78 0.00 N | 42.61 3.49 -0.02 N | 43.39 2.60 -11.24 N | 47.84 1.66 -24.79 N |
| HUDSON AVE_10 24168 | 11.25 0.68 0.00 N | 12.20 0.71 0.00 N | 15.27 0.87 0.00 N | 28.48 1.58 0.00 N | 38.23 2.02 0.00 N | 17.86 0.98 -0.72 N | 10.62 0.97 0.00 N | 72.37 5.05 0.00 N | 78.86 5.83 0.00 N | 40.07 3.15 0.00 N | 45.16 3.51 0.00 N | 32.28 2.48 0.00 N | 47.11 3.69 0.00 N | 46.40 3.75 0.00 N | 43.78 3.71 0.00 N | 44.55 3.74 0.00 N | 44.54 3.78 0.00 N | 138.67 10.08 -15.18 N | 51.13 3.76 -5.16 N | 60.67 2.85 -24.66 N | 220.81 17.13 0.00 N | 42.46 3.35 -0.02 N | 43.34 2.55 -11.24 N | 47.79 1.62 -24.79 N |
| HUNTER MOUNT___DRP 323613 | 11.21 0.64 0.00 N | 12.20 0.71 0.00 N | 15.29 0.89 0.00 N | 28.56 1.66 0.00 N | 38.43 2.22 0.00 N | 18.04 1.08 -0.81 N | 10.51 0.86 0.00 N | 71.76 4.45 0.00 N | 77.95 4.92 0.00 N | 39.44 2.52 0.00 N | 44.54 2.90 0.00 N | 31.80 2.00 0.00 N | 46.34 2.92 0.00 N | 45.55 2.89 0.00 N | 42.86 2.79 0.00 N | 43.65 2.85 0.00 N | 43.54 2.78 0.00 N | 137.77 7.75 -16.61 N | 50.79 2.94 -5.64 N | 62.46 2.32 -26.97 N | 218.28 14.61 0.00 N | 41.88 2.77 -0.02 N | 44.07 2.16 -12.36 N | 50.50 1.44 -27.68 N |
| HUNTLEY___63 23557 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 -0.09 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 -1.85 N | 38.80 -4.04 -0.63 N | 33.02 -3.15 -3.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 -1.35 N | 23.36 -0.99 -2.97 N |
| HUNTLEY___64 23558 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 -0.09 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 -1.85 N | 38.80 -4.04 -0.63 N | 33.02 -3.15 -3.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 -1.35 N | 23.36 -0.99 -2.97 N |
| HUNTLEY___65 23559 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 -0.09 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 -1.85 N | 38.80 -4.04 -0.63 N | 33.02 -3.15 -3.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 -1.35 N | 23.36 -0.99 -2.97 N |
| HUNTLEY___66 23560 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 -0.09 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 -1.85 N | 38.80 -4.04 -0.63 N | 33.02 -3.15 -3.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 -1.35 N | 23.36 -0.99 -2.97 N |
| HUNTLEY___67 23561 | 10.16 -0.41 0.00 N | 10.95 -0.53 0.00 N | 13.63 -0.76 0.00 N | 25.39 -1.51 0.00 N | 34.02 -2.19 0.00 N | 14.84 -1.41 -0.09 N | 7.52 -2.14 0.00 N | 60.79 -6.53 0.00 N | 65.24 -7.78 0.00 N | 33.01 -3.92 0.00 N | 37.10 -4.54 0.00 N | 26.70 -3.10 0.00 N | 38.88 -4.54 0.00 N | 38.07 -4.58 0.00 N | 35.69 -4.38 0.00 N | 36.08 -4.72 0.00 N | 36.07 -4.69 0.00 N | 102.07 -13.24 -1.90 N | 38.02 -4.84 -0.65 N | 32.46 -3.79 -3.09 N | 179.50 -24.17 0.00 N | 34.80 -4.30 0.00 N | 28.19 -2.74 -1.39 N | 23.06 -1.37 -3.05 N |
| HUNTLEY___68 23562 | 10.16 -0.41 0.00 N | 10.95 -0.53 0.00 N | 13.63 -0.76 0.00 N | 25.39 -1.51 0.00 N | 34.02 -2.19 0.00 N | 14.84 -1.41 -0.09 N | 7.52 -2.14 0.00 N | 60.79 -6.53 0.00 N | 65.24 -7.78 0.00 N | 33.01 -3.92 0.00 N | 37.10 -4.54 0.00 N | 26.70 -3.10 0.00 N | 38.88 -4.54 0.00 N | 38.07 -4.58 0.00 N | 35.69 -4.38 0.00 N | 36.08 -4.72 0.00 N | 36.07 -4.69 0.00 N | 102.07 -13.24 -1.90 N | 38.02 -4.84 -0.65 N | 32.46 -3.79 -3.09 N | 179.50 -24.17 0.00 N | 34.80 -4.30 0.00 N | 28.19 -2.74 -1.39 N | 23.06 -1.37 -3.05 N |
| HYLAND___LFGE 323620 | 11.01 0.45 0.00 N | 11.88 0.39 0.00 N | 14.78 0.38 0.00 N | 27.72 0.81 0.00 N | 37.14 0.92 0.00 N | 16.45 0.17 -0.12 N | 9.50 -0.16 0.00 N | 69.03 1.72 0.00 N | 74.88 1.86 0.00 N | 37.94 1.01 0.00 N | 42.53 0.89 0.00 N | 30.38 0.58 0.00 N | 44.64 1.22 0.00 N | 43.70 1.04 0.00 N | 41.03 0.96 0.00 N | 41.68 0.88 0.00 N | 41.67 0.91 0.00 N | 118.90 2.87 -2.63 N | 44.47 1.36 -0.89 N | 38.51 1.07 -4.27 N | 211.51 7.84 0.00 N | 40.76 1.67 0.00 N | 32.45 1.00 -1.90 N | 26.24 0.66 -4.20 N |
| INDECK___CORINTH 23802 | 11.02 0.45 0.00 N | 12.04 0.55 0.00 N | 15.14 0.74 0.00 N | 28.32 1.42 0.00 N | 38.18 1.97 0.00 N | 18.14 1.03 -0.95 N | 10.53 0.87 0.00 N | 71.32 4.01 0.00 N | 77.72 4.70 0.00 N | 39.16 2.23 0.00 N | 44.38 2.73 0.00 N | 31.53 1.74 0.00 N | 45.94 2.52 0.00 N | 44.61 1.95 0.00 N | 42.01 1.95 0.00 N | 43.35 2.55 0.00 N | 42.93 2.18 0.00 N | 139.90 6.60 -19.89 N | 51.53 2.56 -6.76 N | 67.71 2.24 -32.30 N | 217.06 13.39 0.00 N | 41.46 2.34 0.00 N | 46.12 1.85 -14.72 N | 55.10 1.29 -32.43 N |
| INDECK___ILION 23567 | 10.78 0.21 0.00 N | 11.72 0.23 0.00 N | 14.70 0.29 0.00 N | 27.50 0.59 0.00 N | 37.03 0.81 0.00 N | 16.53 0.39 0.02 N | 9.95 0.29 0.00 N | 68.98 1.67 0.00 N | 74.86 1.84 0.00 N | 37.86 0.93 0.00 N | 42.74 1.10 0.00 N | 30.54 0.75 0.00 N | 44.54 1.12 0.00 N | 43.72 1.06 0.00 N | 41.10 1.03 0.00 N | 41.96 1.16 0.00 N | 41.91 1.16 0.00 N | 116.21 3.27 0.47 N | 43.20 1.14 0.16 N | 33.31 0.90 0.76 N | 209.37 5.70 0.00 N | 40.10 1.01 0.00 N | 29.92 0.69 0.32 N | 21.13 0.46 0.71 N |
| INDECK___OLEAN 23982 | 11.09 0.52 0.00 N | 11.89 0.40 0.00 N | 14.74 0.34 0.00 N | 27.61 0.70 0.00 N | 37.04 0.83 0.00 N | 16.13 -0.12 -0.10 N | 8.86 -0.80 0.00 N | 68.06 0.74 0.00 N | 74.07 1.04 0.00 N | 37.42 0.49 0.00 N | 41.70 0.06 0.00 N | 29.71 -0.09 0.00 N | 43.47 0.04 0.00 N | 42.64 -0.02 0.00 N | 39.98 -0.09 0.00 N | 40.43 -0.37 0.00 N | 40.02 -0.74 0.00 N | 113.11 -2.37 -2.08 N | 41.95 -0.97 -0.71 N | 35.56 -0.98 -3.37 N | 197.52 -6.15 0.00 N | 38.18 -0.91 0.00 N | 30.61 -0.45 -1.51 N | 24.48 -0.24 -3.34 N |
| INDECK___OSWEGO 23783 | 10.30 -0.27 0.00 N | 11.18 -0.31 0.00 N | 14.00 -0.41 0.00 N | 26.15 -0.76 0.00 N | 35.19 -1.02 0.00 N | 15.71 -0.50 -0.05 N | 9.34 -0.32 0.00 N | 65.67 -1.65 0.00 N | 71.20 -1.83 0.00 N | 36.00 -0.92 0.00 N | 40.52 -1.12 0.00 N | 29.04 -0.76 0.00 N | 42.34 -1.08 0.00 N | 41.60 -1.06 0.00 N | 39.06 -1.01 0.00 N | 39.69 -1.11 0.00 N | 39.58 -1.17 0.00 N | 111.33 -3.14 -1.06 N | 41.47 -1.10 -0.36 N | 34.02 -0.87 -1.72 N | 198.53 -5.14 0.00 N | 38.14 -0.95 0.00 N | 29.56 -0.76 -0.77 N | 22.55 -0.54 -1.71 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 |
| INDECK___YERKES 23781 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 0.00 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 -1.85 N | 38.80 -4.04 -0.63 N | 33.02 -3.15 -3.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 -1.35 N | 23.36 -0.99 -2.97 N | |
| INDIAN POINT_GT_1 24139 | 11.15 0.58 0.00 N | 12.12 0.63 0.00 N | 15.18 0.78 0.00 N | 28.32 1.41 0.00 N | 38.03 1.81 0.00 N | 17.76 0.89 -0.72 N | 10.48 0.82 0.00 N | 71.58 4.27 0.00 N | 77.86 4.84 0.00 N | 39.50 2.57 0.00 N | 44.51 2.87 0.00 N | 31.81 2.02 0.00 N | 46.41 2.99 0.00 N | 45.71 3.05 0.00 N | 43.12 3.05 0.00 N | 43.91 3.11 0.00 N | 43.91 3.16 0.00 N | 136.98 8.53 -15.04 N | 50.51 3.19 -5.11 N | 60.02 2.43 -24.42 N | 218.27 14.60 0.00 N | 41.96 2.85 -0.02 N | 42.83 2.15 -11.13 N | 47.30 1.37 -24.55 N | |
| INDIAN POINT_GT_2 23659 | 11.15 0.58 0.00 N | 12.12 0.63 0.00 N | 15.18 0.78 0.00 N | 28.32 1.41 0.00 N | 38.03 1.81 0.00 N | 17.76 0.89 -0.72 N | 10.48 0.82 0.00 N | 71.58 4.27 0.00 N | 77.86 4.84 0.00 N | 39.50 2.57 0.00 N | 44.51 2.87 0.00 N | 31.81 2.02 0.00 N | 46.41 2.99 0.00 N | 45.71 3.05 0.00 N | 43.12 3.05 0.00 N | 43.91 3.11 0.00 N | 43.91 3.16 0.00 N | 136.98 8.53 -15.04 N | 50.51 3.19 -5.11 N | 60.02 2.43 -24.42 N | 218.27 14.60 0.00 N | 41.96 2.85 -0.02 N | 42.83 2.15 -11.13 N | 47.30 1.37 -24.55 N | |
| INDIAN POINT_GT_3 24019 | 11.15 0.58 0.00 N | 12.12 0.63 0.00 N | 15.18 0.78 0.00 N | 28.32 1.41 0.00 N | 38.03 1.81 0.00 N | 17.76 0.89 -0.72 N | 10.48 0.82 0.00 N | 71.58 4.27 0.00 N | 77.86 4.84 0.00 N | 39.50 2.57 0.00 N | 44.51 2.87 0.00 N | 31.81 2.02 0.00 N | 46.41 2.99 0.00 N | 45.71 3.05 0.00 N | 43.12 3.05 0.00 N | 43.91 3.11 0.00 N | 43.91 3.16 0.00 N | 136.98 8.53 -15.04 N | 50.51 3.19 -5.11 N | 60.02 2.43 -24.42 N | 218.27 14.60 0.00 N | 41.96 2.85 -0.02 N | 42.83 2.15 -11.13 N | 47.30 1.37 -24.55 N | |
| INDIAN POINT___2 23530 | 11.14 0.57 0.00 N | 12.12 0.63 0.00 N | 15.17 0.77 0.00 N | 28.30 1.39 0.00 N | 38.00 1.79 0.00 N | 17.75 0.88 -0.71 N | 10.47 0.81 0.00 N | 71.54 4.22 0.00 N | 77.79 4.77 0.00 N | 39.46 2.53 0.00 N | 44.47 2.83 0.00 N | 31.77 1.97 0.00 N | 46.36 2.94 0.00 N | 45.66 3.01 0.00 N | 43.08 3.01 0.00 N | 43.87 3.07 0.00 N | 43.87 3.11 0.00 N | 136.68 8.38 -14.90 N | 50.41 3.13 -5.06 N | 59.75 2.39 -24.19 N | 218.01 14.34 0.00 N | 41.92 2.80 -0.02 N | 42.69 2.12 -11.02 N | 47.06 1.35 -24.33 N | |
| INDIAN POINT___3 23531 | 11.12 0.55 0.00 N | 12.09 0.60 0.00 N | 15.15 0.74 0.00 N | 28.26 1.35 0.00 N | 37.94 1.72 0.00 N | 17.71 0.84 -0.72 N | 10.45 0.79 0.00 N | 71.37 4.06 0.00 N | 77.62 4.60 0.00 N | 39.36 2.43 0.00 N | 44.38 2.74 0.00 N | 31.71 1.91 0.00 N | 46.26 2.84 0.00 N | 45.55 2.90 0.00 N | 42.98 2.91 0.00 N | 43.77 2.97 0.00 N | 43.76 3.00 0.00 N | 136.59 8.12 -15.07 N | 50.36 3.03 -5.12 N | 59.95 2.32 -24.47 N | 217.53 13.86 0.00 N | 41.82 2.71 -0.02 N | 42.75 2.05 -11.15 N | 47.29 1.31 -24.60 N | |
| IP CORINTH___1 23988 | 10.98 0.41 0.00 N | 12.00 0.51 0.00 N | 15.08 0.68 0.00 N | 28.21 1.30 0.00 N | 38.02 1.81 0.00 N | 18.07 0.97 -0.95 N | 10.49 0.83 0.00 N | 71.05 3.74 0.00 N | 77.50 4.48 0.00 N | 39.03 2.11 0.00 N | 44.24 2.60 0.00 N | 31.43 1.63 0.00 N | 45.77 2.35 0.00 N | 44.44 1.78 0.00 N | 41.68 1.61 0.00 N | 42.93 2.13 0.00 N | 42.66 1.90 0.00 N | 139.26 5.96 -19.89 N | 51.34 2.37 -6.76 N | 67.59 2.12 -32.30 N | 216.26 12.59 0.00 N | 41.34 2.22 -0.03 N | 46.04 1.77 -14.72 N | 55.04 1.23 -32.43 N | |
| IP___TICONDEROGA 23804 | 11.45 0.89 0.00 N | 12.49 1.01 0.00 N | 15.72 1.32 0.00 N | 29.41 2.50 0.00 N | 39.62 3.41 0.00 N | 18.81 1.74 -0.91 N | 10.96 1.31 0.00 N | 73.54 6.23 0.00 N | 80.37 7.34 0.00 N | 40.28 3.35 0.00 N | 45.70 4.06 0.00 N | 32.27 2.47 0.00 N | 47.07 3.65 0.00 N | 45.96 3.30 0.00 N | 43.20 3.13 0.00 N | 44.30 3.49 0.00 N | 44.09 3.33 0.00 N | 142.85 10.24 -19.21 N | 52.56 3.82 -6.53 N | 67.40 3.05 -31.19 N | 221.07 17.40 0.00 N | 42.11 3.00 -0.03 N | 46.36 2.60 -14.21 N | 54.64 1.94 -31.32 N | |
| JARVIS____ 23743 | 10.55 -0.02 0.00 N | 11.46 -0.02 0.00 N | 14.37 -0.02 0.00 N | 26.87 -0.04 0.00 N | 36.20 -0.01 0.00 N | 16.14 0.00 0.02 N | 9.68 0.02 0.00 N | 67.31 -0.01 0.00 N | 73.02 0.00 0.00 N | 36.90 -0.03 0.00 N | 41.63 -0.01 0.00 N | 29.77 -0.03 0.00 N | 43.36 -0.06 0.00 N | 42.60 -0.05 0.00 N | 39.98 -0.09 0.00 N | 40.72 -0.08 0.00 N | 40.67 -0.08 0.00 N | 112.69 -0.25 0.47 N | 41.96 -0.09 0.16 N | 32.34 -0.07 0.76 N | 203.33 -0.34 0.00 N | 39.00 -0.09 0.00 N | 29.13 -0.10 0.32 N | 20.60 -0.07 0.71 N | |
| JENNISON___1 23625 | 11.13 0.56 0.00 N | 12.06 0.57 0.00 N | 15.07 0.67 0.00 N | 28.27 1.36 0.00 N | 37.97 1.76 0.00 N | 17.12 0.71 -0.25 N | 10.32 0.67 0.00 N | 71.64 4.32 0.00 N | 77.66 4.64 0.00 N | 39.20 2.27 0.00 N | 44.02 2.38 0.00 N | 31.44 1.64 0.00 N | 46.02 2.60 0.00 N | 45.13 2.47 0.00 N | 42.30 2.24 0.00 N | 43.00 2.20 0.00 N | 42.86 2.11 0.00 N | 124.51 5.84 -5.26 N | 46.08 2.08 -1.79 N | 43.33 1.61 -8.55 N | 214.86 11.19 0.00 N | 41.17 2.07 -0.01 N | 34.59 1.20 -3.84 N | 30.56 0.70 -8.47 N | |
| JENNISON___2 23626 | 11.12 0.55 0.00 N | 12.05 0.56 0.00 N | 15.06 0.66 0.00 N | 28.24 1.34 0.00 N | 37.94 1.73 0.00 N | 17.09 0.69 -0.25 N | 10.30 0.64 0.00 N | 71.54 4.23 0.00 N | 77.57 4.54 0.00 N | 39.15 2.22 0.00 N | 43.97 2.33 0.00 N | 31.39 1.60 0.00 N | 45.96 2.54 0.00 N | 45.08 2.42 0.00 N | 42.25 2.19 0.00 N | 42.95 2.15 0.00 N | 42.81 2.06 0.00 N | 124.35 5.68 -5.26 N | 46.03 2.03 -1.79 N | 43.29 1.58 -8.55 N | 214.64 10.97 0.00 N | 41.11 2.02 -0.01 N | 34.55 1.17 -3.84 N | 30.54 0.68 -8.47 N | |
| KEDC PORT_JEFF_GT2 24210 | 124.63 1.22 -112.86 N | 76.03 1.28 -63.27 N | 58.30 1.59 -42.32 N | 58.48 2.94 -28.63 N | 59.08 3.89 -18.98 N | 18.79 1.90 -0.73 N | 11.10 1.44 0.00 N | 146.69 8.43 -70.95 N | 89.37 9.44 -6.91 N | 197.09 4.89 -155.27 N | 107.31 5.19 -60.48 N | 86.08 3.57 -52.71 N | 91.71 5.25 -43.04 N | 96.04 5.22 -48.17 N | 98.12 5.13 -52.92 N | 119.18 5.22 -73.16 N | 82.39 5.31 -36.33 N | 146.00 13.81 -18.78 N | 64.94 5.47 -17.26 N | 73.28 4.18 -35.93 N | 249.26 24.35 -21.24 N | 66.75 4.93 -22.73 N | 60.14 3.76 -26.83 N | 50.51 2.52 -26.60 N | |
| KEDC PORT_JEFF_GT3 24211 | 124.63 1.22 -112.86 N | 76.03 1.28 -63.27 N | 58.30 1.59 -42.32 N | 58.48 2.94 -28.63 N | 59.08 3.89 -18.98 N | 18.79 1.90 -0.73 N | 11.10 1.44 0.00 N | 146.69 8.43 -70.95 N | 89.37 9.44 -6.91 N | 197.09 4.89 -155.27 N | 107.31 5.19 -60.48 N | 86.08 3.57 -52.71 N | 91.71 5.25 -43.04 N | 96.04 5.22 -48.17 N | 98.12 5.13 -52.92 N | 119.18 5.22 -73.16 N | 82.39 5.31 -36.33 N | 146.00 13.81 -18.78 N | 64.94 5.47 -17.26 N | 73.28 4.18 -35.93 N | 249.26 24.35 -21.24 N | 66.75 4.93 -22.73 N | 60.14 3.76 -26.83 N | 50.51 2.52 -26.60 N | |
| KEDC_GLWD_GT4 | 124.26 | 75.65 | 57.82 | 57.56 | 57.81 | 18.15 | 10.72 | 143.97 | 86.47 | 195.68 | 106.05 | 85.28 | 90.59 | 94.98 | 97.08 | 118.12 | 81.27 | 143.22 | 63.68 | 72.33 | 243.82 | 65.62 | 59.22 | 49.83 | |

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| 24219 | 0.83 -112.86 N | 0.89 -63.27 N | 1.10 -42.32 N | 2.02 -28.63 N | 2.62 -18.98 N | 1.26 -0.73 N | 1.06 0.00 N | 5.71 -70.95 N | 6.54 -6.91 N | 3.48 -155.27 N | 3.93 -60.48 N | 2.78 -52.71 N | 4.13 -43.04 N | 4.16 -48.17 N | 4.09 -52.92 N | 4.15 -73.16 N | 4.19 -36.33 N | 11.03 -18.78 N | 4.21 -17.26 N | 3.22 -35.93 N | 18.90 -21.24 N | 3.80 -22.73 N | 2.84 -26.83 N | 1.84 -26.60 N |
| KEDC_GLWD_GT5 24220 | 124.26 0.83 -112.86 N | 75.65 0.89 -63.27 N | 57.82 1.10 -42.32 N | 57.56 2.02 -28.63 N | 57.81 2.62 -18.98 N | 18.15 1.26 -0.73 N | 10.72 1.06 0.00 N | 143.97 5.71 -70.95 N | 86.47 6.54 -6.91 N | 195.68 3.48 -155.27 N | 106.05 3.93 -60.48 N | 85.28 2.78 -52.71 N | 90.59 4.13 -43.04 N | 94.98 4.16 -48.17 N | 97.08 4.09 -52.92 N | 118.12 4.15 -73.16 N | 81.27 4.19 -36.33 N | 143.22 11.03 -18.78 N | 63.68 4.21 -17.26 N | 72.33 3.22 -35.93 N | 243.82 18.90 -21.24 N | 65.62 3.80 -22.73 N | 59.22 2.84 -26.83 N | 49.83 1.84 -26.60 N |
| KENSICO____ 23655 | 11.20 0.63 0.00 N | 12.17 0.69 0.00 N | 15.25 0.85 0.00 N | 28.45 1.54 0.00 N | 38.19 1.98 0.00 N | 17.83 0.95 -0.72 N | 10.53 0.88 0.00 N | 71.91 4.60 0.00 N | 78.26 5.24 0.00 N | 39.72 2.79 0.00 N | 44.79 3.15 0.00 N | 32.00 2.21 0.00 N | 46.70 3.28 0.00 N | 45.98 3.32 0.00 N | 43.37 3.30 0.00 N | 44.17 3.36 0.00 N | 44.16 3.40 0.00 N | 137.72 9.16 -15.15 N | 50.77 3.41 -5.15 N | 60.39 2.61 -24.60 N | 219.27 15.60 0.00 N | 42.16 3.05 -0.02 N | 43.07 2.31 -11.21 N | 47.60 1.48 -24.74 N |
| KIAC_JFK_GT1 23816 | 11.22 0.65 0.00 N | 12.15 0.66 0.00 N | 15.20 0.80 0.00 N | 28.35 1.45 0.00 N | 38.07 1.85 0.00 N | 17.79 0.91 -0.72 N | 10.65 0.99 0.00 N | 72.31 5.00 0.00 N | 78.82 5.79 0.00 N | 40.04 3.11 0.00 N | 45.06 3.41 0.00 N | 32.21 2.41 0.00 N | 46.99 3.57 0.00 N | 46.30 3.64 0.00 N | 43.68 3.61 0.00 N | 44.46 3.65 0.00 N | 44.45 3.69 0.00 N | 138.47 9.88 -15.18 N | 51.20 3.82 -5.16 N | 60.69 2.87 -24.66 N | 221.30 17.62 0.00 N | 42.52 3.41 -0.02 N | 43.48 2.70 -11.24 N | 47.90 1.72 -24.79 N |
| KIAC_JFK_GT2 23817 | 11.22 0.65 0.00 N | 12.15 0.66 0.00 N | 15.20 0.80 0.00 N | 28.35 1.45 0.00 N | 38.07 1.85 0.00 N | 17.79 0.91 -0.72 N | 10.65 0.99 0.00 N | 72.31 5.00 0.00 N | 78.82 5.79 0.00 N | 40.04 3.11 0.00 N | 45.06 3.41 0.00 N | 32.21 2.41 0.00 N | 46.99 3.57 0.00 N | 46.30 3.64 0.00 N | 43.68 3.61 0.00 N | 44.46 3.65 0.00 N | 44.45 3.69 0.00 N | 138.47 9.88 -15.18 N | 51.20 3.82 -5.16 N | 60.69 2.87 -24.66 N | 221.30 17.62 0.00 N | 42.52 3.41 -0.02 N | 43.48 2.70 -11.24 N | 47.90 1.72 -24.79 N |
| KINTIGH____ 23543 | 9.97 -0.60 0.00 N | 10.82 -0.67 0.00 N | 13.51 -0.89 0.00 N | 25.12 -1.79 0.00 N | 33.50 -2.71 0.00 N | 14.64 -1.59 -0.08 N | 7.63 -2.03 0.00 N | 60.32 -7.00 0.00 N | 64.91 -8.11 0.00 N | 32.85 -4.08 0.00 N | 36.95 -4.69 0.00 N | 26.59 -3.21 0.00 N | 38.66 -4.76 0.00 N | 37.88 -4.78 0.00 N | 35.51 -4.56 0.00 N | 35.94 -4.87 0.00 N | 35.94 -4.81 0.00 N | 101.43 -13.62 -1.64 N | 37.77 -5.00 -0.56 N | 31.93 -3.91 -2.67 N | 178.98 -24.70 0.00 N | 34.64 -4.45 0.00 N | 27.77 -2.98 -1.20 N | 22.42 -1.60 -2.64 N |
| LEDERLE____ 23769 | 11.28 0.71 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.75 0.00 N | 38.47 2.26 0.00 N | 17.93 1.08 -0.70 N | 10.59 0.94 0.00 N | 72.45 5.14 0.00 N | 78.76 5.73 0.00 N | 39.94 3.01 0.00 N | 45.00 3.36 0.00 N | 32.15 2.36 0.00 N | 46.95 3.53 0.00 N | 46.24 3.58 0.00 N | 43.63 3.56 0.00 N | 44.44 3.64 0.00 N | 44.44 3.68 0.00 N | 138.10 10.01 -14.69 N | 50.92 3.71 -4.99 N | 59.87 2.85 -23.85 N | 220.88 17.21 0.00 N | 42.46 3.35 -0.02 N | 42.93 2.51 -10.87 N | 46.99 1.62 -23.98 N |
| LINDEN COGEN____ 23786 | 11.24 0.67 0.00 N | 12.20 0.71 0.00 N | 15.27 0.86 0.00 N | 28.47 1.56 0.00 N | 38.22 2.01 0.00 N | 17.85 0.97 -0.72 N | 10.60 0.95 0.00 N | 72.20 4.89 0.00 N | 78.71 5.68 0.00 N | 40.00 3.08 0.00 N | 45.11 3.47 0.00 N | 32.24 2.44 0.00 N | 47.05 3.63 0.00 N | 46.34 3.68 0.00 N | 43.73 3.66 0.00 N | 44.47 3.67 0.00 N | 44.47 3.71 0.00 N | 138.52 9.93 -15.18 N | 51.05 3.68 -5.16 N | 60.62 2.80 -24.66 N | 220.34 16.67 0.00 N | 42.40 3.29 -0.02 N | 43.23 2.45 -11.24 N | 47.72 1.55 -24.79 N |
| LIPA_MISC_IPP 23656 | 124.66 1.24 -112.86 N | 76.06 1.31 -63.27 N | 58.34 1.62 -42.32 N | 58.54 3.00 -28.63 N | 59.17 3.97 -18.98 N | 18.83 1.94 -0.73 N | 11.16 1.51 0.00 N | 146.97 8.71 -70.95 N | 89.67 9.74 -6.91 N | 197.27 5.07 -155.27 N | 107.65 5.53 -60.48 N | 86.31 3.81 -52.71 N | 92.05 5.58 -43.04 N | 96.37 5.54 -48.17 N | 98.42 5.43 -52.92 N | 119.49 5.53 -73.16 N | 82.69 5.61 -36.33 N | 146.79 14.61 -18.78 N | 65.20 5.72 -17.26 N | 73.50 4.39 -35.93 N | 250.49 25.57 -21.24 N | 66.90 5.08 -22.73 N | 60.18 3.80 -26.83 N | 50.49 2.50 -26.60 N |
| LITTLE FALLS____HYD 24013 | 11.03 0.46 0.00 N | 11.98 0.49 0.00 N | 15.05 0.65 0.00 N | 28.23 1.32 0.00 N | 37.95 1.73 0.00 N | 16.97 0.83 0.02 N | 10.25 0.59 0.00 N | 70.73 3.42 0.00 N | 76.75 3.73 0.00 N | 38.83 1.91 0.00 N | 43.88 2.24 0.00 N | 31.29 1.50 0.00 N | 45.70 2.28 0.00 N | 44.80 2.14 0.00 N | 42.15 2.09 0.00 N | 43.11 2.31 0.00 N | 43.07 2.31 0.00 N | 119.50 6.56 0.47 N | 44.49 2.43 0.16 N | 34.35 1.94 0.76 N | 215.92 12.25 0.00 N | 41.28 2.19 0.00 N | 30.79 1.57 0.32 N | 21.72 1.05 0.71 N |
| LI_NEWBRDGE____DRP 323616 | 124.32 0.90 -112.86 N | 75.72 0.97 -63.27 N | 57.92 1.20 -42.32 N | 57.75 2.21 -28.63 N | 58.07 2.87 -18.98 N | 18.27 1.38 -0.73 N | 10.76 1.11 0.00 N | 144.14 5.88 -70.95 N | 86.67 6.74 -6.91 N | 195.78 3.58 -155.27 N | 106.08 3.96 -60.48 N | 85.27 2.77 -52.71 N | 90.56 4.09 -43.04 N | 94.94 4.11 -48.17 N | 97.04 4.05 -52.92 N | 118.07 4.11 -73.16 N | 81.22 4.13 -36.33 N | 142.85 10.67 -18.78 N | 63.68 4.20 -17.26 N | 72.31 3.21 -35.93 N | 243.14 18.23 -21.24 N | 65.61 3.79 -22.73 N | 59.26 2.87 -26.83 N | 49.88 1.89 -26.60 N |
| LONG_LAKE_PHOENIX 24014 | 10.35 -0.22 0.00 N | 11.23 -0.26 0.00 N | 14.05 -0.35 0.00 N | 26.25 -0.66 0.00 N | 35.31 -0.90 0.00 N | 15.77 -0.43 -0.05 N | 9.41 -0.25 0.00 N | 66.00 -1.31 0.00 N | 71.57 -1.45 0.00 N | 36.21 -0.72 0.00 N | 40.76 -0.88 0.00 N | 29.22 -0.58 0.00 N | 42.63 -0.79 0.00 N | 41.88 -0.78 0.00 N | 39.35 -0.71 0.00 N | 40.00 -0.80 0.00 N | 39.93 -0.82 0.00 N | 112.26 -2.25 -1.10 N | 41.80 -0.79 -0.38 N | 34.33 -0.63 -1.79 N | 199.96 -3.71 0.00 N | 38.39 -0.70 0.00 N | 29.77 -0.58 -0.80 N | 22.73 -0.42 -1.77 N |
| LOVETT____3 23632 | 11.09 0.52 0.00 N | 12.06 0.57 0.00 N | 15.11 0.70 0.00 N | 28.19 1.28 0.00 N | 37.83 1.62 0.00 N | 17.66 0.80 -0.70 N | 10.41 0.76 0.00 N | 71.21 3.89 0.00 N | 77.38 4.36 0.00 N | 39.24 2.31 0.00 N | 44.21 2.57 0.00 N | 31.58 1.78 0.00 N | 46.07 2.65 0.00 N | 45.38 2.73 0.00 N | 42.82 2.75 0.00 N | 43.61 2.80 0.00 N | 43.61 2.85 0.00 N | 135.83 7.67 -14.75 N | 50.10 2.87 -5.01 N | 59.32 2.20 -23.95 N | 216.79 13.12 0.00 N | 41.69 2.58 -0.02 N | 42.42 1.95 -10.92 N | 46.71 1.24 -24.09 N |
| LOVETT____4 23642 | 11.16 0.59 0.00 N | 12.14 0.65 0.00 N | 15.21 0.81 0.00 N | 28.38 1.47 0.00 N | 38.08 1.87 0.00 N | 17.77 0.91 -0.70 N | 10.49 0.83 0.00 N | 71.70 4.38 0.00 N | 77.93 4.90 0.00 N | 39.50 2.58 0.00 N | 44.51 2.87 0.00 N | 31.80 2.01 0.00 N | 46.41 2.99 0.00 N | 45.72 3.07 0.00 N | 43.14 3.07 0.00 N | 43.93 3.13 0.00 N | 43.93 3.17 0.00 N | 136.76 8.60 -14.76 N | 50.43 3.20 -5.01 N | 59.58 2.46 -23.96 N | 218.40 14.74 0.00 N | 41.99 2.88 -0.02 N | 42.65 2.18 -10.92 N | 46.87 1.39 -24.09 N |

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| LOVETT___5 23593 | 11.16 0.59 0.00 N | 12.14 0.65 0.00 N | 15.21 0.81 0.00 N | 28.38 1.47 0.00 N | 38.08 1.87 0.00 N | 17.77 0.91 -0.70 N | 10.49 0.83 0.00 N | 71.70 4.38 0.00 N | 77.93 4.90 0.00 N | 39.50 2.58 0.00 N | 44.51 2.87 0.00 N | 31.80 2.01 0.00 N | 46.41 2.99 0.00 N | 45.72 3.07 0.00 N | 43.14 3.07 0.00 N | 43.93 3.13 0.00 N | 43.93 3.17 0.00 N | 136.76 8.60 -14.76 N | 50.43 3.20 -5.01 N | 59.58 2.46 -23.96 N | 218.40 14.74 0.00 N | 41.99 2.88 -0.02 N | 42.65 2.18 -10.92 N | 46.87 1.39 -24.09 N |
| LOWER RAQUET___HYD 24057 | 9.17 -1.40 0.00 N | 9.93 -1.56 0.00 N | 12.35 -2.05 0.00 N | 23.09 -3.81 0.00 N | 32.38 -3.83 0.00 N | 14.74 -1.40 0.02 N | 8.38 -1.28 0.00 N | 58.43 -8.89 0.00 N | 62.38 -10.64 0.00 N | 30.99 -5.94 0.00 N | 35.80 -5.84 0.00 N | 25.32 -4.48 0.00 N | 35.26 -8.16 0.00 N | 34.63 -8.02 0.00 N | 30.87 -9.20 0.00 N | 32.08 -8.72 0.00 N | 32.23 -8.53 0.00 N | 90.83 -22.03 0.55 N | 33.51 -8.52 0.19 N | 25.67 -6.61 0.89 N | 162.77 -40.90 0.00 N | 31.34 -7.75 0.00 N | 22.99 -6.18 0.38 N | 16.84 -3.71 0.84 N |
| LOWER___HUDSON 24059 | 11.05 0.48 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.41 0.00 N | 38.12 1.90 0.00 N | 18.05 0.98 -0.92 N | 10.31 0.65 0.00 N | 70.40 3.09 0.00 N | 76.66 3.64 0.00 N | 38.69 1.76 0.00 N | 43.74 2.09 0.00 N | 31.15 1.36 0.00 N | 45.43 2.01 0.00 N | 44.56 1.90 0.00 N | 41.94 1.87 0.00 N | 42.87 2.06 0.00 N | 42.80 2.04 0.00 N | 138.81 6.10 -19.31 N | 51.06 2.29 -6.56 N | 66.32 1.80 -31.35 N | 214.15 10.48 0.00 N | 40.96 1.85 -0.03 N | 45.33 1.50 -14.28 N | 53.94 1.07 -31.48 N |
| LWR___OSWEGATCHIE_HYD 23850 | 9.59 -0.98 0.00 N | 10.37 -1.11 0.00 N | 12.93 -1.47 0.00 N | 24.19 -2.71 0.00 N | 33.41 -2.81 0.00 N | 15.13 -1.03 0.00 N | 8.90 -0.76 0.00 N | 61.76 -6.64 0.00 N | 66.38 -3.73 0.00 N | 33.20 -3.73 0.00 N | 37.93 -3.71 0.00 N | 26.93 -2.86 0.00 N | 38.26 -5.16 0.00 N | 37.59 -5.06 0.00 N | 34.29 -5.78 0.00 N | 35.27 -5.54 0.00 N | 35.27 -5.48 0.00 N | 99.27 -14.14 0.00 N | 36.74 -5.47 0.00 N | 28.94 -4.23 0.00 N | 178.15 -25.52 0.00 N | 34.27 -4.82 0.00 N | 25.57 -3.97 0.00 N | 18.91 -2.47 0.00 N |
| LYONS_FALL_HYD 23570 | 10.40 -0.17 0.00 N | 11.27 -0.22 0.00 N | 14.08 -0.32 0.00 N | 26.35 -0.56 0.00 N | 35.72 -0.50 0.00 N | 16.02 -0.14 0.00 N | 9.69 0.04 0.00 N | 67.17 -0.14 0.00 N | 72.73 -0.29 0.00 N | 36.67 -0.26 0.00 N | 41.47 -0.18 0.00 N | 29.58 -0.21 0.00 N | 42.85 -0.57 0.00 N | 42.09 -0.56 0.00 N | 39.22 -0.85 0.00 N | 40.00 -0.81 0.00 N | 39.93 -0.82 0.00 N | 111.40 -2.01 0.00 N | 41.38 -0.83 0.00 N | 32.54 -0.63 0.00 N | 200.62 -3.05 0.00 N | 38.50 -0.59 0.00 N | 28.85 -0.70 0.00 N | 20.91 -0.48 0.00 N |
| MAPLE RIDGE_WT_1 323574 | 10.11 -0.46 0.00 N | 10.95 -0.53 0.00 N | 13.72 -0.68 0.00 N | 25.66 -1.25 0.00 N | 35.00 -1.22 0.00 N | 15.64 -0.46 0.05 N | 9.23 -0.42 0.00 N | 64.76 -2.56 0.00 N | 69.90 -3.13 0.00 N | 35.13 -1.80 0.00 N | 39.78 -1.86 0.00 N | 28.37 -1.42 0.00 N | 40.93 -2.49 0.00 N | 40.20 -2.46 0.00 N | 37.12 -2.95 0.00 N | 37.79 -3.01 0.00 N | 37.63 -3.12 0.00 N | 103.71 -8.59 1.11 N | 38.45 -3.39 0.38 N | 28.86 -2.51 1.80 N | 189.13 -14.53 0.00 N | 36.19 -2.91 0.00 N | 26.22 -2.52 0.81 N | 17.91 -1.69 1.78 N |
| MAPLE RIDGE_WT_2 323611 | 10.11 -0.46 0.00 N | 10.95 -0.53 0.00 N | 13.72 -0.68 0.00 N | 25.66 -1.25 0.00 N | 35.00 -1.22 0.00 N | 15.64 -0.46 0.05 N | 9.23 -0.42 0.00 N | 64.76 -2.56 0.00 N | 69.90 -3.13 0.00 N | 35.13 -1.80 0.00 N | 39.78 -1.86 0.00 N | 28.37 -1.42 0.00 N | 40.93 -2.49 0.00 N | 40.20 -2.46 0.00 N | 37.12 -2.95 0.00 N | 37.79 -3.01 0.00 N | 37.63 -3.12 0.00 N | 103.71 -8.59 1.11 N | 38.45 -3.39 0.38 N | 28.86 -2.51 1.80 N | 189.13 -14.53 0.00 N | 36.19 -2.91 0.00 N | 26.22 -2.52 0.81 N | 17.91 -1.69 1.78 N |
| MG INDUSTRY___DRP 24185 | 10.83 0.26 0.00 N | 11.82 0.33 0.00 N | 14.84 0.44 0.00 N | 27.73 0.83 0.00 N | 37.33 1.12 0.00 N | 17.63 0.57 -0.90 N | 10.02 0.36 0.00 N | 68.90 1.59 0.00 N | 74.77 1.75 0.00 N | 37.76 0.84 0.00 N | 42.47 0.83 0.00 N | 30.36 0.56 0.00 N | 44.22 0.80 0.00 N | 43.46 0.81 0.00 N | 40.91 0.84 0.00 N | 41.72 0.92 0.00 N | 41.72 0.96 0.00 N | 135.16 2.71 -19.04 N | 49.72 1.05 -6.47 N | 64.89 0.81 -30.91 N | 208.40 4.73 0.00 N | 39.96 0.84 -0.03 N | 44.32 0.70 -14.08 N | 52.91 0.52 -31.01 N |
| MID___OSWEGATCHIE_HYD 23849 | 9.59 -0.98 0.00 N | 10.37 -1.11 0.00 N | 12.93 -1.47 0.00 N | 24.19 -2.71 0.00 N | 33.41 -2.81 0.00 N | 15.13 -1.03 0.00 N | 8.90 -0.76 0.00 N | 61.76 -5.55 0.00 N | 66.38 -3.73 0.00 N | 33.20 -3.73 0.00 N | 37.93 -3.71 0.00 N | 26.93 -2.86 0.00 N | 38.26 -5.16 0.00 N | 37.59 -5.06 0.00 N | 34.29 -5.78 0.00 N | 35.27 -5.54 0.00 N | 35.27 -5.48 0.00 N | 99.27 -14.14 0.00 N | 36.74 -5.47 0.00 N | 28.94 -4.23 0.00 N | 178.15 -25.52 0.00 N | 34.27 -4.82 0.00 N | 25.57 -3.97 0.00 N | 18.91 -2.47 0.00 N |
| MID___RAQUETTE_HYD 23851 | 9.17 -1.40 0.00 N | 9.93 -1.56 0.00 N | 12.35 -2.05 0.00 N | 23.09 -3.81 0.00 N | 32.38 -3.83 0.00 N | 14.74 -1.40 0.02 N | 8.38 -1.28 0.00 N | 58.43 -8.89 0.00 N | 62.38 -10.64 0.00 N | 30.99 -5.94 0.00 N | 35.80 -5.84 0.00 N | 25.32 -4.48 0.00 N | 35.26 -8.16 0.00 N | 34.63 -8.02 0.00 N | 30.87 -9.20 0.00 N | 32.08 -8.72 0.00 N | 32.23 -8.53 0.00 N | 90.83 -22.03 0.55 N | 33.51 -8.52 0.19 N | 25.67 -6.61 0.89 N | 162.77 -40.90 0.00 N | 31.34 -7.75 0.00 N | 22.99 -6.18 0.38 N | 16.84 -3.71 0.84 N |
| MILLIKEN___1 23584 | 10.87 0.30 0.00 N | 11.86 0.37 0.00 N | 14.78 0.38 0.00 N | 27.70 0.79 0.00 N | 36.52 0.31 0.00 N | 16.21 -0.07 -0.11 N | 9.66 0.00 0.00 N | 68.98 1.67 0.00 N | 74.95 1.93 0.00 N | 37.87 0.94 0.00 N | 42.55 0.91 0.00 N | 30.48 0.68 0.00 N | 44.62 1.20 0.00 N | 43.72 1.06 0.00 N | 40.96 0.89 0.00 N | 41.61 0.81 0.00 N | 41.46 0.70 0.00 N | 117.82 1.78 -2.64 N | 43.60 0.49 -0.90 N | 37.83 0.37 -4.29 N | 207.51 3.84 0.00 N | 39.80 0.71 0.00 N | 31.61 0.26 -1.79 N | 25.63 0.29 -3.96 N |
| MILLIKEN___2 23585 | 10.87 0.30 0.00 N | 11.86 0.37 0.00 N | 14.78 0.38 0.00 N | 27.70 0.79 0.00 N | 36.52 0.31 0.00 N | 16.21 -0.07 -0.11 N | 9.66 0.00 0.00 N | 68.98 1.67 0.00 N | 74.95 1.93 0.00 N | 37.87 0.94 0.00 N | 42.55 0.91 0.00 N | 30.48 0.68 0.00 N | 44.62 1.20 0.00 N | 43.72 1.06 0.00 N | 40.96 0.89 0.00 N | 41.61 0.81 0.00 N | 41.46 0.70 0.00 N | 117.82 1.78 -2.64 N | 43.60 0.49 -0.90 N | 37.83 0.37 -4.29 N | 207.51 3.84 0.00 N | 39.80 0.71 0.00 N | 31.61 0.26 -1.79 N | 25.63 0.29 -3.96 N |
| MILLIKEN___DIESEL 23629 | 10.87 0.30 0.00 N | 11.86 0.37 0.00 N | 14.78 0.38 0.00 N | 27.70 0.79 0.00 N | 36.52 0.31 0.00 N | 16.21 -0.07 -0.11 N | 9.66 0.00 0.00 N | 68.98 1.67 0.00 N | 74.95 1.93 0.00 N | 37.87 0.94 0.00 N | 42.55 0.91 0.00 N | 30.48 0.68 0.00 N | 44.62 1.20 0.00 N | 43.72 1.06 0.00 N | 40.96 0.89 0.00 N | 41.61 0.81 0.00 N | 41.46 0.70 0.00 N | 117.82 1.78 -2.64 N | 43.60 0.49 -0.90 N | 37.83 0.37 -4.29 N | 207.51 3.84 0.00 N | 39.80 0.71 0.00 N | 31.61 0.26 -1.79 N | 25.63 0.29 -3.96 N |
| MILLSEAT___LFGE 323607 | 10.33 -0.23 0.00 N | 11.14 -0.35 0.00 N | 13.86 -0.54 0.00 N | 25.82 -1.08 0.00 N | 34.64 -1.58 0.00 N | 15.13 -1.11 -0.08 N | 7.87 -1.79 0.00 N | 62.75 -4.57 0.00 N | 67.50 -5.52 0.00 N | 34.17 -2.76 0.00 N | 38.41 -3.23 0.00 N | 27.63 -2.17 0.00 N | 40.23 -3.19 0.00 N | 39.40 -3.26 0.00 N | 36.91 -3.15 0.00 N | 37.30 -3.50 0.00 N | 37.27 -3.48 0.00 N | 105.19 -9.96 -1.75 N | 39.14 -3.67 -0.60 N | 33.16 -2.86 -2.85 N | 185.81 -17.86 0.00 N | 35.96 -3.14 0.00 N | 28.81 -2.01 -1.27 N | 23.26 -0.93 -2.81 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| MODEL_CITY_ENERGY 24167 | 10.14 -0.43 0.00 N | 10.94 -0.55 0.00 N | 13.61 -0.79 0.00 N | 25.34 -1.57 0.00 N | 33.98 -2.24 0.00 N | 14.79 -1.45 -0.08 N | 7.46 -2.19 0.00 N | 60.75 -6.56 0.00 N | 65.18 -7.85 0.00 N | 32.97 -3.96 0.00 N | 37.05 -4.60 0.00 N | 26.67 -3.13 0.00 N | 38.79 -4.63 0.00 N | 37.98 -4.67 0.00 N | 35.59 -4.48 0.00 N | 35.96 -4.85 0.00 N | 35.97 -4.78 0.00 N | 101.69 -13.53 -1.82 N | 37.88 -4.95 -0.62 N | 32.27 -3.84 -2.95 N | 179.18 -24.49 0.00 N | 34.74 -4.35 0.00 N | 28.09 -2.78 -1.32 N | 22.93 -1.37 -2.91 N | | |
| MODERN_LFGE__ 323580 | 10.14 -0.43 0.00 N | 10.94 -0.55 0.00 N | 13.61 -0.79 0.00 N | 25.34 -1.57 0.00 N | 33.98 -2.24 0.00 N | 14.79 -1.45 -0.08 N | 7.46 -2.19 0.00 N | 60.75 -6.56 0.00 N | 65.18 -7.85 0.00 N | 32.97 -3.96 0.00 N | 37.05 -4.60 0.00 N | 26.67 -3.13 0.00 N | 38.79 -4.63 0.00 N | 37.98 -4.67 0.00 N | 35.59 -4.48 0.00 N | 35.96 -4.85 0.00 N | 35.97 -4.78 0.00 N | 101.69 -13.53 -1.82 N | 37.88 -4.95 -0.62 N | 32.27 -3.84 -2.95 N | 179.18 -24.49 0.00 N | 34.74 -4.35 0.00 N | 28.09 -2.78 -1.32 N | 22.93 -1.37 -2.91 N | | |
| MOHAWK_PAPER___DRP 24187 | 11.02 0.45 0.00 N | 12.02 0.53 0.00 N | 15.09 0.69 0.00 N | 28.19 1.29 0.00 N | 37.96 1.75 0.00 N | 17.99 0.91 -0.93 N | 10.21 0.56 0.00 N | 69.97 2.66 0.00 N | 76.13 3.10 0.00 N | 38.45 1.52 0.00 N | 43.45 1.80 0.00 N | 31.01 1.21 0.00 N | 45.20 1.78 0.00 N | 44.39 1.73 0.00 N | 41.75 1.68 0.00 N | 42.61 1.80 0.00 N | 42.58 1.83 0.00 N | 138.28 5.36 -19.51 N | 50.82 1.98 -6.63 N | 66.39 1.53 -31.68 N | 212.73 9.06 0.00 N | 40.74 1.62 -0.03 N | 45.27 1.28 -14.44 N | 54.10 0.91 -31.81 N | | |
| MONGAUP___HYD 23641 | 11.18 0.61 0.00 N | 12.17 0.68 0.00 N | 15.25 0.85 0.00 N | 28.47 1.57 0.00 N | 38.25 2.04 0.00 N | 17.79 0.97 -0.66 N | 10.47 0.81 0.00 N | 71.78 4.47 0.00 N | 77.80 4.78 0.00 N | 39.34 2.42 0.00 N | 44.10 2.46 0.00 N | 31.53 1.74 0.00 N | 45.99 2.57 0.00 N | 44.93 2.27 0.00 N | 42.41 2.34 0.00 N | 43.22 2.42 0.00 N | 43.38 2.62 0.00 N | 134.57 7.25 -13.91 N | 49.92 2.98 -4.73 N | 58.30 2.54 -22.59 N | 219.35 15.68 0.00 N | 42.15 3.04 -0.02 N | 42.08 2.23 -10.30 N | 45.55 1.45 -22.72 N | | |
| MONTAUK___DIESEL 23721 | 125.28 1.85 -112.86 N | 76.68 1.93 -63.27 N | 59.10 2.38 -42.32 N | 59.95 4.41 -28.63 N | 61.13 5.93 -18.98 N | 19.72 2.84 -0.73 N | 12.06 2.40 0.00 N | 152.85 14.59 -70.95 N | 96.29 16.35 -6.91 N | 200.68 8.48 -155.27 N | 111.60 9.48 -60.48 N | 88.83 6.33 -52.71 N | 95.28 8.81 -43.04 N | 99.28 8.46 -48.17 N | 101.12 8.13 -52.92 N | 121.75 7.79 -73.16 N | 85.12 8.04 -36.33 N | 153.65 21.46 -18.78 N | 67.99 8.52 -17.26 N | 75.82 6.71 -35.93 N | 260.36 35.45 -21.24 N | 67.85 6.03 -22.73 N | 60.61 4.23 -26.83 N | 50.77 2.78 -26.60 N | | |
| MUNSVILLE_WIND_PWR 323609 | 11.40 0.83 0.00 N | 12.35 0.86 0.00 N | 15.41 1.01 0.00 N | 28.93 2.02 0.00 N | 38.76 2.55 0.00 N | 17.41 1.04 -0.21 N | 10.71 1.05 0.00 N | 74.27 6.96 0.00 N | 80.49 7.47 0.00 N | 40.54 3.61 0.00 N | 45.43 3.79 0.00 N | 32.38 2.58 0.00 N | 47.40 3.98 0.00 N | 46.36 3.71 0.00 N | 43.27 3.20 0.00 N | 43.82 3.02 0.00 N | 43.64 2.89 0.00 N | 125.82 7.89 -4.53 N | 46.43 2.68 -1.54 N | 42.65 2.13 -7.35 N | 219.18 15.51 0.00 N | 41.72 2.63 -0.01 N | 34.04 1.24 -3.26 N | 29.20 0.64 -7.18 N | | |
| N SALMON___HYD 24042 | 9.25 -1.32 0.00 N | 9.99 -1.50 0.00 N | 12.42 -1.98 0.00 N | 23.17 -3.74 0.00 N | 32.57 -3.65 0.00 N | 14.85 -1.27 0.03 N | 8.48 -1.17 0.00 N | 60.10 -7.22 0.00 N | 64.39 -8.63 0.00 N | 31.92 -5.01 0.00 N | 36.56 -5.08 0.00 N | 25.83 -3.96 0.00 N | 36.42 -7.00 0.00 N | 35.67 -6.99 0.00 N | 31.67 -8.40 0.00 N | 32.66 -8.14 0.00 N | 32.84 -7.91 0.00 N | 91.69 -20.99 0.73 N | 33.79 -8.17 0.25 N | 25.67 -6.31 1.19 N | 164.14 -39.53 0.00 N | 31.64 -7.45 0.00 N | 23.07 -5.96 0.52 N | 16.58 -3.65 1.15 N | | |
| N.E_GEN_SANDY PD 24062 | 11.05 0.49 0.00 N | 12.04 0.55 0.00 N | 15.12 0.72 0.00 N | 28.24 1.34 0.00 N | 37.97 1.76 0.00 N | 17.91 0.90 -0.85 N | 10.31 0.65 0.00 N | 70.35 3.03 0.00 N | 76.64 3.62 0.00 N | 38.71 1.78 0.00 N | 43.77 2.13 0.00 N | 31.18 1.39 0.00 N | 45.46 2.04 0.00 N | 44.65 2.00 0.00 N | 42.05 1.98 0.00 N | 42.92 2.12 0.00 N | 42.89 2.14 0.00 N | 137.50 6.19 -17.91 N | 50.62 2.33 -6.08 N | 64.04 1.80 -29.08 N | 213.93 10.26 0.00 N | 40.98 1.87 -0.03 N | 44.38 1.58 -13.25 N | 51.72 1.12 -29.21 N | | |
| NARROWS_GT1_1 24228 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| NARROWS_GT1_2 24229 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| NARROWS_GT1_3 24230 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| NARROWS_GT1_4 24231 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| NARROWS_GT1_5 24232 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N | | |
| NARROWS_GT1_6 | 11.36 | 12.32 | 15.41 | 28.73 | 38.56 | 17.99 | 10.68 | 72.86 | 79.44 | 40.43 | 45.55 | 32.57 | 47.52 | 46.81 | 44.17 | 44.92 | 44.89 | 139.41 | 51.47 | 60.95 | 222.09 | 42.87 | 43.56 | 47.95 | | |

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| 24233 | 0.80 0.00 N | 0.83 0.00 N | 1.00 0.00 N | 1.83 0.00 N | 2.35 0.00 N | 1.11 -0.72 N | 1.03 0.00 N | 5.54 0.00 N | 6.41 0.00 N | 3.50 0.00 N | 3.91 0.00 N | 2.77 0.00 N | 4.10 0.00 N | 4.16 0.00 N | 4.10 0.00 N | 4.12 0.00 N | 4.14 0.00 N | 10.81 -15.19 N | 4.10 -5.16 N | 3.12 -24.66 N | 18.42 0.00 N | 3.75 -0.03 N | 2.78 -11.24 N | 1.77 -24.79 N |
| NARROWS_GT1_7 24234 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT1_8 24235 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_1 24236 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_2 24237 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_3 24238 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_4 24239 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_5 24240 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_6 24241 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_7 24242 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NARROWS_GT2_8 24243 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NEG CAPITAL___MECHNVIL 23645 | 11.10 0.53 0.00 N | 12.12 0.63 0.00 N | 15.22 0.82 0.00 N | 28.44 1.53 0.00 N | 38.30 2.09 0.00 N | 18.15 1.07 -0.92 N | 10.42 0.76 0.00 N | 71.04 3.73 0.00 N | 77.36 4.33 0.00 N | 39.01 2.08 0.00 N | 44.13 2.49 0.00 N | 31.42 1.63 0.00 N | 45.84 2.42 0.00 N | 44.90 2.25 0.00 N | 42.29 2.22 0.00 N | 43.27 2.46 0.00 N | 43.16 2.40 0.00 N | 139.91 7.12 -19.39 N | 51.48 2.67 -6.59 N | 66.78 2.13 -31.48 N | 216.27 12.61 0.00 N | 41.34 2.22 -0.03 N | 45.63 1.74 -14.34 N | 54.21 1.21 -31.61 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 10.13 -0.44 0.00 N | 10.97 -0.52 0.00 N | 13.70 -0.70 0.00 N | 25.54 -1.36 0.00 N | 34.23 -1.98 0.00 N | 15.14 -1.09 -0.07 N | 8.52 -1.14 0.00 N | 63.27 -4.04 0.00 N | 68.44 -4.58 0.00 N | 34.66 -2.27 0.00 N | 39.03 -2.61 0.00 N | 28.02 -1.77 0.00 N | 40.83 -2.59 0.00 N | 40.04 -2.62 0.00 N | 37.56 -2.51 0.00 N | 38.11 -2.70 0.00 N | 38.05 -2.70 0.00 N | 107.26 -7.70 -1.56 N | 39.85 -2.89 -0.53 N | 33.43 -2.27 -2.53 N | 189.97 -13.70 0.00 N | 36.60 -2.49 0.00 N | 28.88 -1.80 -1.13 N | 22.78 -1.09 -2.49 N |
| NEG CENTRAL___DRP 24199 | 10.75 0.18 0.00 N | 11.64 0.16 0.00 N | 14.53 0.12 0.00 N | 27.19 0.29 0.00 N | 36.34 0.13 0.00 N | 16.13 -0.11 -0.08 N | 9.46 -0.20 0.00 N | 67.94 0.63 0.00 N | 73.70 0.68 0.00 N | 37.30 0.37 0.00 N | 41.97 0.33 0.00 N | 30.14 0.35 0.00 N | 44.13 0.71 0.00 N | 43.13 0.48 0.00 N | 40.44 0.37 0.00 N | 41.16 0.36 0.00 N | 41.03 0.28 0.00 N | 115.75 0.54 -1.80 N | 42.93 0.11 -0.61 N | 36.16 0.07 -2.92 N | 205.01 1.34 0.00 N | 39.47 0.38 0.00 N | 30.98 0.14 -1.29 N | 24.32 0.09 -2.84 N |

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|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|
| NEG CENTRAL___INDECK 23768 | 11.05 0.48 0.00 N | 11.92 0.42 0.00 N | 14.82 0.42 0.00 N | 27.80 0.89 0.00 N | 37.23 1.02 0.00 N | 16.51 0.23 -0.12 N | 9.54 -0.12 0.00 N | 69.22 1.91 0.00 N | 75.08 2.06 0.00 N | 38.04 1.11 0.00 N | 42.64 1.00 0.00 N | 30.46 0.66 0.00 N | 44.75 1.33 0.00 N | 43.81 1.15 0.00 N | 41.14 1.07 0.00 N | 41.78 0.98 0.00 N | 41.65 0.89 0.00 N | 118.65 2.62 -2.63 N | 44.22 1.11 -0.89 N | 38.29 0.85 -4.28 N | 209.97 6.30 0.00 N | 40.47 1.38 0.00 N | 32.27 0.82 -1.91 N | 26.13 0.54 -4.21 N |
| NEG CENTRAL___SENECA 23627 | 10.83 0.27 0.00 N | 11.73 0.24 0.00 N | 14.62 0.22 0.00 N | 27.40 0.49 0.00 N | 36.56 0.34 0.00 N | 16.21 -0.04 -0.09 N | 9.43 -0.23 0.00 N | 68.19 0.87 0.00 N | 74.00 0.98 0.00 N | 37.46 0.53 0.00 N | 42.07 0.43 0.00 N | 30.24 0.44 0.00 N | 44.35 0.93 0.00 N | 43.28 0.62 0.00 N | 40.55 0.48 0.00 N | 41.25 0.44 0.00 N | 41.08 0.32 0.00 N | 116.22 0.80 -2.03 N | 43.13 0.23 -0.69 N | 36.59 0.14 -3.29 N | 205.50 1.83 0.00 N | 39.63 0.53 0.00 N | 31.28 0.27 -1.46 N | 24.77 0.18 -3.21 N |
| NEG CENTRAL___STATE_STREET 24147 | 10.90 0.33 0.00 N | 11.82 0.33 0.00 N | 14.75 0.35 0.00 N | 27.58 0.67 0.00 N | 36.78 0.57 0.00 N | 16.34 0.10 -0.08 N | 9.67 0.02 0.00 N | 69.31 1.99 0.00 N | 75.17 2.15 0.00 N | 38.05 1.12 0.00 N | 42.88 1.24 0.00 N | 30.76 0.96 0.00 N | 44.95 1.54 0.00 N | 43.97 1.31 0.00 N | 41.23 1.16 0.00 N | 41.93 1.12 0.00 N | 41.81 1.06 0.00 N | 117.88 2.69 -1.78 N | 43.69 0.88 -0.61 N | 36.75 0.68 -2.90 N | 209.15 5.48 0.00 N | 40.18 1.09 0.00 N | 31.39 0.59 -1.26 N | 24.59 0.43 -2.78 N |
| NEG MILLWOOD___DRP 24198 | 11.25 0.68 0.00 N | 12.22 0.73 0.00 N | 15.30 0.90 0.00 N | 28.55 1.64 0.00 N | 38.32 2.11 0.00 N | 17.90 1.00 -0.74 N | 10.55 0.89 0.00 N | 72.17 4.85 0.00 N | 78.61 5.59 0.00 N | 39.91 2.98 0.00 N | 45.00 3.36 0.00 N | 32.16 2.36 0.00 N | 46.91 3.49 0.00 N | 46.18 3.52 0.00 N | 43.54 3.48 0.00 N | 44.34 3.54 0.00 N | 44.32 3.57 0.00 N | 138.63 9.70 -15.52 N | 51.15 3.67 -5.27 N | 61.20 2.82 -25.20 N | 220.81 17.14 0.00 N | 42.43 3.31 -0.02 N | 43.52 2.48 -11.49 N | 48.35 1.60 -25.36 N |
| NEG NORTH_FLCN_SEA 23793 | 9.05 -1.52 0.00 N | 9.75 -1.73 0.00 N | 12.13 -2.27 0.00 N | 22.61 -4.30 0.00 N | 31.75 -4.47 0.00 N | 14.50 -1.62 0.04 N | 8.22 -1.44 0.00 N | 58.77 -8.54 0.00 N | 63.03 -9.99 0.00 N | 31.17 -5.76 0.00 N | 35.69 -5.95 0.00 N | 25.22 -4.57 0.00 N | 35.66 -7.76 0.00 N | 34.87 -7.78 0.00 N | 30.92 -9.15 0.00 N | 31.79 -9.01 0.00 N | 31.99 -8.77 0.00 N | 89.12 -23.47 0.82 N | 32.76 -9.17 0.28 N | 24.75 -7.08 1.34 N | 159.37 -44.30 0.00 N | 30.65 -8.44 0.00 N | 22.27 -6.69 0.59 N | 15.88 -4.20 1.30 N |
| NEG NORTH_KES_CHATEGAY 23792 | 9.18 -1.39 0.00 N | 9.91 -1.58 0.00 N | 12.33 -2.07 0.00 N | 22.98 -3.93 0.00 N | 32.32 -3.89 0.00 N | 14.74 -1.38 0.04 N | 8.36 -1.30 0.00 N | 59.64 -7.68 0.00 N | 63.87 -9.15 0.00 N | 31.63 -5.30 0.00 N | 36.19 -5.45 0.00 N | 25.57 -4.22 0.00 N | 36.17 -7.26 0.00 N | 35.40 -7.26 0.00 N | 31.41 -8.66 0.00 N | 32.34 -8.46 0.00 N | 32.53 -8.22 0.00 N | 90.62 -21.99 0.80 N | 33.38 -8.56 0.27 N | 25.25 -6.62 1.30 N | 162.08 -41.59 0.00 N | 31.22 -7.87 0.00 N | 22.72 -6.25 0.57 N | 16.26 -3.86 1.26 N |
| NEG NORTH___ALICE_FALLS 23915 | 9.12 -1.44 0.00 N | 9.84 -1.65 0.00 N | 12.24 -2.16 0.00 N | 22.80 -4.10 0.00 N | 32.02 -4.19 0.00 N | 14.62 -1.50 0.04 N | 8.32 -1.33 0.00 N | 59.34 -7.97 0.00 N | 63.62 -9.40 0.00 N | 31.45 -5.48 0.00 N | 36.00 -5.65 0.00 N | 25.43 -4.36 0.00 N | 35.97 -7.45 0.00 N | 35.16 -7.49 0.00 N | 31.18 -8.89 0.00 N | 32.08 -8.73 0.00 N | 32.27 -8.48 0.00 N | 89.91 -22.67 0.82 N | 33.08 -8.85 0.28 N | 25.01 -6.83 1.33 N | 160.94 -42.73 0.00 N | 30.98 -8.11 0.00 N | 22.50 -6.46 0.59 N | 16.05 -4.04 1.30 N |
| NEG NORTH___LWR_SARANAC 23913 | 9.12 -1.44 0.00 N | 9.84 -1.65 0.00 N | 12.24 -2.16 0.00 N | 22.80 -4.10 0.00 N | 32.02 -4.19 0.00 N | 14.63 -1.49 0.04 N | 8.32 -1.33 0.00 N | 59.34 -7.97 0.00 N | 63.62 -9.40 0.00 N | 31.45 -5.48 0.00 N | 36.00 -5.65 0.00 N | 25.43 -4.36 0.00 N | 35.97 -7.45 0.00 N | 35.16 -7.49 0.00 N | 31.18 -8.89 0.00 N | 32.08 -8.72 0.00 N | 32.28 -8.48 0.00 N | 89.91 -22.67 0.82 N | 33.08 -8.85 0.28 N | 25.01 -6.83 1.33 N | 160.94 -42.73 0.00 N | 30.98 -8.11 0.00 N | 22.50 -6.46 0.59 N | 16.05 -4.04 1.30 N |
| NEG NORTH___PLATTSBURG 23628 | 9.12 -1.44 0.00 N | 9.84 -1.65 0.00 N | 12.24 -2.16 0.00 N | 22.80 -4.10 0.00 N | 32.02 -4.19 0.00 N | 14.62 -1.50 0.04 N | 8.32 -1.33 0.00 N | 59.34 -7.97 0.00 N | 63.62 -9.40 0.00 N | 31.45 -5.48 0.00 N | 36.00 -5.65 0.00 N | 25.43 -4.36 0.00 N | 35.97 -7.45 0.00 N | 35.16 -7.49 0.00 N | 31.18 -8.89 0.00 N | 32.08 -8.73 0.00 N | 32.27 -8.48 0.00 N | 89.91 -22.67 0.82 N | 33.08 -8.85 0.28 N | 25.01 -6.83 1.33 N | 160.94 -42.73 0.00 N | 30.98 -8.11 0.00 N | 22.50 -6.46 0.59 N | 16.05 -4.04 1.30 N |
| NEG WEST_LEA_LOCKPORT 23791 | 10.20 -0.37 0.00 N | 10.99 -0.50 0.00 N | 13.68 -0.72 0.00 N | 25.46 -1.44 0.00 N | 34.14 -2.07 0.00 N | 14.88 -1.36 -0.08 N | 7.52 -2.13 0.00 N | 61.15 -6.16 0.00 N | 65.62 -7.41 0.00 N | 33.19 -3.74 0.00 N | 37.29 -4.35 0.00 N | 26.85 -2.94 0.00 N | 39.07 -4.35 0.00 N | 38.27 -4.38 0.00 N | 35.85 -4.21 0.00 N | 36.22 -4.58 0.00 N | 36.22 -4.54 0.00 N | 102.34 -12.86 -1.79 N | 38.12 -4.71 -0.61 N | 32.41 -3.67 -2.91 N | 180.36 -23.31 0.00 N | 34.96 -4.13 0.00 N | 28.22 -2.63 -1.31 N | 22.99 -1.28 -2.88 N |
| NEG WEST___LANCASTER 23811 | 10.39 -0.18 0.00 N | 11.18 -0.31 0.00 N | 13.90 -0.50 0.00 N | 25.90 -1.01 0.00 N | 34.73 -1.49 0.00 N | 15.17 -1.08 -0.09 N | 7.79 -1.87 0.00 N | 62.47 -4.85 0.00 N | 67.15 -5.87 0.00 N | 33.98 -2.94 0.00 N | 38.18 -3.46 0.00 N | 27.47 -2.32 0.00 N | 40.04 -3.38 0.00 N | 39.24 -3.42 0.00 N | 36.79 -3.28 0.00 N | 37.20 -3.60 0.00 N | 37.18 -3.58 0.00 N | 105.18 -10.15 -1.93 N | 39.14 -3.73 -0.65 N | 33.37 -2.93 -3.12 N | 185.13 -18.54 0.00 N | 35.88 -3.21 0.00 N | 28.95 -2.00 -1.40 N | 23.58 -0.90 -3.09 N |
| NEG_PENN_ALLEGHNY 23528 | 10.84 0.27 0.00 N | 11.76 0.27 0.00 N | 14.69 0.29 0.00 N | 27.56 0.65 0.00 N | 37.04 0.83 0.00 N | 16.67 0.27 -0.24 N | 9.81 0.15 0.00 N | 68.70 1.38 0.00 N | 74.44 1.41 0.00 N | 37.64 0.71 0.00 N | 42.32 0.68 0.00 N | 30.24 0.44 0.00 N | 44.34 0.92 0.00 N | 43.52 0.86 0.00 N | 40.95 0.88 0.00 N | 41.70 0.90 0.00 N | 41.59 0.83 0.00 N | 120.88 2.39 -5.09 N | 44.82 0.88 -1.73 N | 42.06 0.63 -8.26 N | 208.08 4.41 0.00 N | 40.00 0.90 -0.01 N | 33.83 0.54 -3.74 N | 29.94 0.31 -8.25 N |
| NEG___GEN_MONROE 24207 | 10.43 -0.14 0.00 N | 11.27 -0.22 0.00 N | 14.05 -0.35 0.00 N | 26.18 -0.73 0.00 N | 35.12 -1.10 0.00 N | 15.47 -0.77 -0.08 N | 8.49 -1.17 0.00 N | 64.62 -2.69 0.00 N | 69.83 -3.20 0.00 N | 35.34 -1.59 0.00 N | 39.76 -1.88 0.00 N | 28.56 -1.24 0.00 N | 41.61 -1.81 0.00 N | 40.77 -1.89 0.00 N | 38.23 -1.83 0.00 N | 38.73 -2.08 0.00 N | 38.66 -2.10 0.00 N | 108.94 -6.09 -1.63 N | 40.50 -2.27 -0.55 N | 34.05 -1.77 -2.65 N | 193.04 -10.63 0.00 N | 37.25 -1.85 0.00 N | 29.48 -1.25 -1.18 N | 23.40 -0.59 -2.61 N |
| NEPA___ENERGY 23901 | 10.65 0.08 0.00 N | 11.51 0.02 0.00 N | 14.28 -0.12 0.00 N | 26.99 0.08 0.00 N | 36.13 -0.09 0.00 N | 15.92 -0.38 -0.14 N | 8.93 -0.72 0.00 N | 65.12 -2.20 0.00 N | 70.18 -2.85 0.00 N | 35.36 -1.57 0.00 N | 39.46 -2.19 0.00 N | 28.15 -1.65 0.00 N | 41.79 -1.63 0.00 N | 40.94 -1.72 0.00 N | 38.62 -1.45 0.00 N | 39.38 -1.42 0.00 N | 39.15 -1.60 0.00 N | 112.30 -4.07 -2.96 N | 41.71 -1.51 -1.01 N | 36.66 -1.32 -4.81 N | 196.04 -7.63 0.00 N | 37.87 -1.22 0.00 N | 30.70 -1.02 -2.16 N | 25.48 -0.67 -4.77 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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| NEVERSINK___HYD 23608 | 10.95 0.38 0.00 N | 11.98 0.49 0.00 N | 15.01 0.60 0.00 N | 28.07 1.16 0.00 N | 37.77 1.56 0.00 N | 17.52 0.74 -0.62 N | 10.29 0.63 0.00 N | 70.78 3.47 0.00 N | 76.05 3.03 0.00 N | 37.63 0.70 0.00 N | 42.33 0.68 0.00 N | 30.24 0.45 0.00 N | 44.12 0.69 0.00 N | 43.42 0.76 0.00 N | 40.88 0.81 0.00 N | 41.81 1.00 0.00 N | 42.73 1.97 0.00 N | 131.70 5.20 -13.09 N | 48.66 2.00 -4.45 N | 56.04 1.61 -21.26 N | 213.85 10.18 0.00 N | 41.03 1.92 -0.02 N | 40.67 1.43 -9.69 N | 43.72 0.92 -21.41 N | |
| NEWTON___FALLS_HYD 23847 | 9.59 -0.98 0.00 N | 10.37 -1.11 0.00 N | 12.93 -1.47 0.00 N | 24.19 -2.71 0.00 N | 33.41 -2.81 0.00 N | 15.13 -1.03 0.00 N | 8.90 -0.76 0.00 N | 61.76 -5.55 0.00 N | 66.38 -6.64 0.00 N | 33.20 -3.73 0.00 N | 37.93 -3.71 0.00 N | 26.93 -2.86 0.00 N | 38.26 -5.16 0.00 N | 37.59 -5.06 0.00 N | 34.29 -5.78 0.00 N | 35.27 -5.54 0.00 N | 35.27 -5.48 0.00 N | 99.27 -14.14 0.00 N | 36.74 -5.47 0.00 N | 28.94 -4.23 0.00 N | 178.15 -25.52 0.00 N | 34.27 -4.82 0.00 N | 25.57 -3.97 0.00 N | 18.91 -2.47 0.00 N | |
| NIAGARA____ 23760 | 10.03 -0.54 0.00 N | 10.82 -0.67 0.00 N | 13.47 -0.93 0.00 N | 25.07 -1.84 0.00 N | 33.60 -2.61 0.00 N | 14.63 -1.61 -0.08 N | 7.34 -2.32 0.00 N | 59.87 -7.44 0.00 N | 64.22 -8.81 0.00 N | 32.49 -4.44 0.00 N | 36.50 -5.14 0.00 N | 26.30 -3.49 0.00 N | 38.22 -5.20 0.00 N | 37.42 -5.23 0.00 N | 35.06 -5.01 0.00 N | 35.44 -5.37 0.00 N | 35.47 -5.29 0.00 N | 100.25 -14.95 -1.80 N | 37.37 -5.46 -0.61 N | 31.83 -4.26 -2.92 N | 176.50 -27.17 0.00 N | 34.23 -4.86 0.00 N | 27.72 -3.14 -1.31 N | 22.67 -1.60 -2.88 N | |
| NINE_MILE_1 23575 | 10.27 -0.30 0.00 N | 11.15 -0.34 0.00 N | 13.96 -0.44 0.00 N | 26.09 -0.82 0.00 N | 35.09 -1.13 0.00 N | 15.65 -0.55 -0.04 N | 9.23 -0.42 0.00 N | 65.20 -2.11 0.00 N | 70.69 -2.33 0.00 N | 35.75 -1.18 0.00 N | 40.28 -1.37 0.00 N | 28.86 -0.94 0.00 N | 42.07 -1.36 0.00 N | 41.31 -1.35 -1.28 N | 38.78 -1.28 0.00 N | 39.46 -1.34 0.00 N | 39.41 -1.35 0.00 N | 110.57 -3.75 -0.91 N | 41.12 -1.40 -0.31 N | 33.55 -1.10 -1.48 N | 196.98 -6.69 0.00 N | 37.83 -1.26 0.00 N | 29.26 -0.96 -0.67 N | 22.21 -0.65 -1.48 N | |
| NINE_MILE_2 23744 | 10.27 -0.30 0.00 N | 11.15 -0.34 0.00 N | 13.97 -0.43 0.00 N | 26.09 -0.81 0.00 N | 35.09 -1.13 0.00 N | 15.65 -0.55 -0.04 N | 9.23 -0.42 0.00 N | 65.20 -2.11 0.00 N | 70.70 -2.33 0.00 N | 35.75 -1.17 0.00 N | 40.28 -1.36 0.00 N | 28.86 -0.93 0.00 N | 42.07 -1.36 0.00 N | 41.31 -1.34 0.00 N | 38.80 -1.27 0.00 N | 39.47 -1.34 0.00 N | 39.41 -1.34 0.00 N | 110.56 -3.75 -0.91 N | 41.13 -1.39 -0.31 N | 33.55 -1.10 -1.48 N | 196.98 -6.69 0.00 N | 37.84 -1.25 0.00 N | 29.26 -0.95 -0.66 N | 22.20 -0.65 -1.47 N | |
| NM_CAPITAL___DRP 24208 | 10.98 0.41 0.00 N | 12.00 0.52 0.00 N | 15.07 0.68 0.00 N | 28.16 1.26 0.00 N | 37.90 1.69 0.00 N | 17.97 0.89 -0.92 N | 10.15 0.50 0.00 N | 69.54 2.22 0.00 N | 75.62 2.60 0.00 N | 38.21 1.28 0.00 N | 43.14 1.50 0.00 N | 30.80 1.01 0.00 N | 44.89 1.47 0.00 N | 44.08 1.43 0.00 N | 41.49 1.42 0.00 N | 42.32 1.52 0.00 N | 42.30 1.54 0.00 N | 137.28 4.48 -19.40 N | 50.46 1.66 -6.59 N | 65.95 1.28 -31.50 N | 211.05 7.38 0.00 N | 40.44 1.32 -0.03 N | 44.97 1.07 -14.35 N | 53.78 0.78 -31.62 N | |
| NM_CENTRAL___DRP 24181 | 10.48 -0.09 0.00 N | 11.37 -0.12 0.00 N | 14.23 -0.17 0.00 N | 26.59 -0.32 0.00 N | 35.74 -0.47 0.00 N | 15.94 -0.28 -0.05 N | 9.47 -0.19 0.00 N | 66.73 -0.58 0.00 N | 72.40 -0.62 0.00 N | 36.64 -0.29 0.00 N | 41.27 -0.37 0.00 N | 29.58 -0.21 0.00 N | 43.17 -0.25 0.00 N | 42.39 -0.27 0.00 N | 39.81 -0.25 0.00 N | 40.52 -0.28 0.00 N | 40.47 -0.28 0.00 N | 113.64 -0.91 -1.14 N | 42.21 -0.39 -0.39 N | 34.69 -0.33 -1.85 N | 201.99 -1.69 0.00 N | 38.78 -0.31 0.00 N | 30.08 -0.31 -0.84 N | 23.02 -0.22 -1.85 N | |
| NM_FRONTIER___DRP 24179 | 10.06 -0.51 0.00 N | 10.86 -0.63 0.00 N | 13.52 -0.88 0.00 N | 25.15 -1.76 0.00 N | 33.72 -2.49 0.00 N | 14.69 -1.55 -0.08 N | 7.34 -2.31 0.00 N | 60.08 -7.24 0.00 N | 64.40 -8.62 0.00 N | 32.56 -4.37 0.00 N | 36.60 -5.04 0.00 N | 26.37 -3.43 0.00 N | 38.32 -5.10 0.00 N | 37.52 -5.13 0.00 N | 35.16 -4.91 0.00 N | 35.54 -5.27 0.00 N | 35.57 -5.19 0.00 N | 100.56 -14.66 -1.82 N | 37.47 -5.36 -0.62 N | 31.94 -4.18 -2.95 N | 176.98 -26.69 0.00 N | 34.33 -4.77 0.00 N | 27.82 -3.05 -1.32 N | 22.77 -1.53 -2.92 N | |
| NM_ST_REGIS___HYD 24053 | 9.19 -1.38 0.00 N | 9.94 -1.55 0.00 N | 12.36 -2.04 0.00 N | 23.10 -3.80 0.00 N | 32.42 -3.79 0.00 N | 14.76 -1.37 0.03 N | 8.42 -1.23 0.00 N | 58.87 -8.44 0.00 N | 62.88 -10.14 0.00 N | 31.21 -5.72 0.00 N | 35.96 -5.68 0.00 N | 25.42 -4.37 0.00 N | 35.52 -7.90 0.00 N | 34.87 -7.79 0.00 N | 31.02 -9.04 0.00 N | 32.19 -8.62 0.00 N | 32.34 -8.42 0.00 N | 90.95 -21.88 0.58 N | 33.54 -8.48 0.20 N | 25.66 -6.57 0.94 N | 162.84 -40.83 0.00 N | 31.37 -7.72 0.00 N | 22.99 -6.15 0.40 N | 16.77 -3.72 0.89 N | |
| NORTHPORT___1 23551 | 124.47 1.05 -112.86 N | 75.87 1.11 -63.27 N | 58.09 1.38 -42.32 N | 58.09 2.55 -28.63 N | 58.53 3.34 -18.98 N | 18.52 1.64 -0.73 N | 10.92 1.26 0.00 N | 145.29 7.03 -70.95 N | 87.92 7.99 -6.91 N | 196.42 4.22 -155.27 N | 106.75 4.63 -60.48 N | 85.69 3.18 -52.71 N | 91.15 4.69 -43.04 N | 95.51 4.69 -48.17 N | 97.59 4.61 -52.92 N | 118.64 4.68 -73.16 N | 81.83 4.75 -36.33 N | 144.55 12.36 -18.78 N | 64.32 4.85 -17.26 N | 72.80 3.70 -35.93 N | 246.22 21.30 -21.24 N | 66.17 4.35 -22.73 N | 59.69 3.31 -26.83 N | 50.18 2.19 -26.60 N | |
| NORTHPORT___2 23552 | 124.47 1.05 -112.86 N | 75.87 1.11 -63.27 N | 58.09 1.38 -42.32 N | 58.09 2.55 -28.63 N | 58.53 3.34 -18.98 N | 18.52 1.64 -0.73 N | 10.92 1.26 0.00 N | 145.29 7.03 -70.95 N | 87.92 7.99 -6.91 N | 196.42 4.22 -155.27 N | 106.75 4.63 -60.48 N | 85.69 3.18 -52.71 N | 91.15 4.69 -43.04 N | 95.51 4.69 -48.17 N | 97.59 4.61 -52.92 N | 118.64 4.68 -73.16 N | 81.83 4.75 -36.33 N | 144.55 12.36 -18.78 N | 64.32 4.85 -17.26 N | 72.80 3.70 -35.93 N | 246.22 21.30 -21.24 N | 66.17 4.35 -22.73 N | 59.69 3.31 -26.83 N | 50.18 2.19 -26.60 N | |
| NORTHPORT___3 23553 | 124.31 0.89 -112.86 N | 75.69 0.94 -63.27 N | 57.90 1.18 -42.32 N | 57.76 2.22 -28.63 N | 58.05 2.85 -18.98 N | 18.29 1.40 -0.73 N | 10.61 0.95 0.00 N | 143.62 5.37 -70.95 N | 86.10 6.17 -6.91 N | 195.51 3.31 -155.27 N | 105.76 3.64 -60.48 N | 85.03 2.53 -52.71 N | 90.22 3.75 -43.04 N | 94.60 3.78 -48.17 N | 96.73 3.74 -52.92 N | 117.77 3.80 -73.16 N | 80.95 3.87 -36.33 N | 142.03 9.84 -18.78 N | 63.46 3.98 -17.26 N | 72.11 3.01 -35.93 N | 241.81 16.90 -21.24 N | 65.39 3.57 -22.73 N | 59.15 2.76 -26.83 N | 49.88 1.89 -26.60 N | |
| NORTHPORT___4 23650 | 124.31 0.89 -112.86 N | 75.69 0.94 -63.27 N | 57.90 1.18 -42.32 N | 57.76 2.22 -28.63 N | 58.05 2.85 -18.98 N | 18.29 1.40 -0.73 N | 10.61 0.95 0.00 N | 143.62 5.37 -70.95 N | 86.10 6.17 -6.91 N | 195.51 3.31 -155.27 N | 105.76 3.64 -60.48 N | 85.03 2.53 -52.71 N | 90.22 3.75 -43.04 N | 94.60 3.78 -48.17 N | 96.73 3.74 -52.92 N | 117.77 3.80 -73.16 N | 80.95 3.87 -36.33 N | 142.03 9.84 -18.78 N | 63.46 3.98 -17.26 N | 72.11 3.01 -35.93 N | 241.81 16.90 -21.24 N | 65.39 3.57 -22.73 N | 59.15 2.76 -26.83 N | 49.88 1.89 -26.60 N | |
| NORTHPORT___IC | 124.47 | 75.87 | 58.09 | 58.09 | 58.53 | 18.52 | 10.92 | 145.29 | 87.92 | 196.42 | 106.75 | 85.69 | 91.15 | 95.51 | 97.59 | 118.64 | 81.83 | 144.55 | 64.32 | 72.80 | 246.22 | 66.17 | 59.69 | 50.18 | |

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| 23718 | 1.05 -112.86 N | 1.11 -63.27 N | 1.38 -42.32 N | 2.55 -28.63 N | 3.34 -18.98 N | 1.64 -0.73 N | 1.26 0.00 N | 7.03 -70.95 N | 7.99 -6.91 N | 4.22 -155.27 N | 4.63 -60.48 N | 3.18 -52.71 N | 4.69 -43.04 N | 4.69 -48.17 N | 4.61 -52.92 N | 4.68 -73.16 N | 4.75 -36.33 N | 12.36 -18.78 N | 4.85 -17.26 N | 3.70 -35.93 N | 21.30 -21.24 N | 4.35 -22.73 N | 3.31 -26.83 N | 2.19 -26.60 N |
| NPX_GEN_1385_PROXY 323591 | 124.47 1.05 -112.86 N | 75.87 1.11 -63.27 N | 58.09 1.38 -42.32 N | 58.09 2.55 -28.63 N | 58.53 3.34 -18.98 N | 18.52 1.64 -0.73 N | 10.92 1.26 0.00 N | 145.29 7.03 -70.95 N | 87.92 7.99 -6.91 N | 196.42 4.22 -155.27 N | 106.75 4.63 -60.48 N | 85.69 3.18 -52.71 N | 91.15 4.69 -43.04 N | 95.51 4.69 -48.17 N | 97.59 4.61 -52.92 N | 118.64 4.68 -73.16 N | 81.83 4.75 -36.33 N | 144.55 12.36 -18.78 N | 64.32 4.85 -17.26 N | 72.80 3.70 -35.93 N | 246.22 21.30 -21.24 N | 66.17 4.35 -22.73 N | 59.69 3.31 -26.83 N | 50.18 2.19 -26.60 N |
| NPX_GEN_CSC 323557 | 124.72 1.30 -112.86 N | 76.12 1.37 -63.27 N | 58.41 1.69 -42.32 N | 58.67 3.13 -28.63 N | 59.35 4.15 -18.98 N | 18.91 2.03 -0.73 N | 11.23 1.58 0.00 N | 147.39 9.13 -70.95 N | 90.17 10.23 -6.91 N | 197.53 5.33 -155.27 N | 107.94 5.83 -60.48 N | 86.51 4.00 -52.71 N | 92.31 5.84 -43.04 N | 96.61 5.79 -48.17 N | 98.66 5.68 -52.92 N | 119.73 5.78 -73.16 N | 82.95 5.87 -36.33 N | 147.47 15.28 -18.78 N | 65.48 6.00 -17.26 N | 73.72 4.61 -35.93 N | 251.71 26.79 -21.24 N | 67.09 5.27 -22.73 N | 60.31 3.92 -26.83 N | 50.57 2.58 -26.60 N |
| NSINS_S_GLNS_FALLS 23858 | 11.06 0.49 0.00 N | 12.09 0.60 0.00 N | 15.20 0.80 0.00 N | 28.43 1.53 0.00 N | 38.32 2.10 0.00 N | 18.20 1.10 -0.94 N | 10.57 0.92 0.00 N | 71.51 4.20 0.00 N | 77.94 4.92 0.00 N | 39.24 2.32 0.00 N | 44.48 2.84 0.00 N | 31.60 1.81 0.00 N | 46.06 2.64 0.00 N | 44.82 2.16 0.00 N | 42.22 2.15 0.00 N | 43.47 2.67 0.00 N | 43.11 2.35 0.00 N | 140.29 7.12 -19.77 N | 51.65 2.72 -6.72 N | 67.59 2.32 -32.10 N | 217.47 13.80 0.00 N | 41.53 2.41 -0.03 N | 46.08 1.91 -14.63 N | 54.95 1.34 -32.23 N |
| NUCOR_STEEL___DRP 24197 | 10.80 0.23 0.00 N | 11.72 0.24 0.00 N | 14.63 0.22 0.00 N | 27.36 0.45 0.00 N | 36.44 0.23 0.00 N | 16.18 -0.06 -0.08 N | 9.57 -0.09 0.00 N | 68.58 1.26 0.00 N | 74.36 1.34 0.00 N | 37.62 0.69 0.00 N | 42.37 0.73 0.00 N | 30.38 0.58 0.00 N | 44.40 0.98 0.00 N | 43.46 0.80 0.00 N | 40.76 0.69 0.00 N | 41.44 0.63 0.00 N | 41.34 0.58 0.00 N | 116.57 1.38 -1.78 N | 43.19 0.38 -0.60 N | 36.35 0.29 -2.89 N | 206.69 3.01 0.00 N | 39.70 0.61 0.00 N | 31.05 0.26 -1.25 N | 24.36 0.22 -2.75 N |
| NYISO_LBMP_REFERENCE 24008 | 10.57 0.00 0.00 N | 11.49 0.00 0.00 N | 14.40 0.00 0.00 N | 26.91 0.00 0.00 N | 36.21 0.00 0.00 N | 16.16 0.00 0.00 N | 9.66 0.00 0.00 N | 67.31 0.00 0.00 N | 73.02 0.00 0.00 N | 36.93 0.00 0.00 N | 41.64 0.00 0.00 N | 29.80 0.00 0.00 N | 43.42 0.00 0.00 N | 42.66 0.00 0.00 N | 40.07 0.00 0.00 N | 40.80 0.00 0.00 N | 40.76 0.00 0.00 N | 113.41 0.00 0.00 N | 42.21 0.00 0.00 N | 33.17 0.00 0.00 N | 203.67 0.00 0.00 N | 39.09 0.00 0.00 N | 29.55 0.00 0.00 N | 21.38 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 124.52 1.10 -112.86 N | 75.91 1.16 -63.27 N | 58.15 1.43 -42.32 N | 58.19 2.65 -28.63 N | 58.67 3.47 -18.98 N | 18.65 1.77 -0.73 N | 10.93 1.27 0.00 N | 145.42 7.16 -70.95 N | 88.12 8.19 -6.91 N | 196.55 4.35 -155.27 N | 106.90 4.78 -60.48 N | 85.63 3.13 -52.71 N | 91.05 4.58 -43.04 N | 95.40 4.58 -48.17 N | 97.50 4.51 -52.92 N | 118.56 4.60 -73.16 N | 81.88 4.80 -36.33 N | 144.69 12.50 -18.78 N | 64.38 4.90 -17.26 N | 72.83 3.73 -35.93 N | 245.74 20.82 -21.24 N | 66.09 4.27 -22.73 N | 59.79 3.40 -26.83 N | 50.30 2.31 -26.60 N |
| NYPA_GOWANUS____GT5 24156 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 -15.19 N | 139.41 10.81 -5.16 N | 51.47 4.10 -24.66 N | 60.95 3.12 0.00 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NYPA_GOWANUS____GT6 24157 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 -15.19 N | 139.41 10.81 -5.16 N | 51.47 4.10 -24.66 N | 60.95 3.12 0.00 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |
| NYPA_HARLEM__RVR__GT1 24160 | 11.31 0.75 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.62 1.71 0.00 N | 38.42 2.20 0.00 N | 17.90 1.02 -0.72 N | 10.68 1.03 0.00 N | 72.61 5.30 0.00 N | 79.03 6.01 0.00 N | 40.27 3.34 0.00 N | 45.32 3.68 0.00 N | 32.37 2.57 0.00 N | 47.26 3.83 0.00 N | 46.57 3.91 0.00 N | 43.96 3.89 0.00 N | 44.71 3.90 0.00 N | 44.68 3.92 -15.19 N | 138.68 10.09 -5.16 N | 51.23 3.86 -24.66 N | 60.76 2.94 0.00 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.46 2.67 -11.24 N | 47.96 1.78 -24.79 N |
| NYPA_HARLEM__RVR__GT2 24161 | 11.31 0.75 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.62 1.71 0.00 N | 38.42 2.20 0.00 N | 17.90 1.02 -0.72 N | 10.68 1.03 0.00 N | 72.61 5.30 0.00 N | 79.03 6.01 0.00 N | 40.27 3.34 0.00 N | 45.32 3.68 0.00 N | 32.37 2.57 0.00 N | 47.26 3.83 0.00 N | 46.57 3.91 0.00 N | 43.96 3.89 0.00 N | 44.71 3.90 0.00 N | 44.68 3.92 -15.19 N | 138.68 10.09 -5.16 N | 51.23 3.86 -24.66 N | 60.76 2.94 0.00 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.46 2.67 -11.24 N | 47.96 1.78 -24.79 N |
| NYPA_KENT____GT 24152 | 11.33 0.77 0.00 N | 12.29 0.81 0.00 N | 15.38 0.98 0.00 N | 28.69 1.78 0.00 N | 38.51 2.30 0.00 N | 17.97 1.09 -0.72 N | 10.66 1.01 0.00 N | 72.70 5.39 0.00 N | 79.24 6.22 0.00 N | 40.34 3.41 0.00 N | 45.47 3.83 0.00 N | 32.50 2.71 0.00 N | 47.42 4.00 0.00 N | 46.72 4.07 0.00 N | 44.08 4.01 0.00 N | 44.84 4.03 0.00 N | 44.81 4.05 -15.19 N | 139.18 10.58 -5.16 N | 51.37 4.00 -24.66 N | 60.87 3.04 0.00 N | 221.57 17.90 0.00 N | 42.75 3.63 -0.03 N | 43.48 2.70 -11.24 N | 47.90 1.72 -24.79 N |
| NYPA_POUCH1____GT 24155 | 11.36 0.79 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.81 5.49 0.00 N | 79.36 6.33 0.00 N | 40.37 3.44 0.00 N | 45.47 3.83 0.00 N | 32.50 2.70 0.00 N | 47.41 3.99 0.00 N | 46.73 4.08 0.00 N | 44.09 4.02 0.00 N | 44.82 4.02 0.00 N | 44.81 4.05 -15.19 N | 139.09 10.49 -5.16 N | 51.40 4.03 -24.66 N | 60.91 3.08 0.00 N | 221.66 17.99 0.00 N | 42.84 3.72 -0.03 N | 43.54 2.75 -11.24 N | 47.95 1.77 -24.79 N |
| NYPA_VERNON____GT2 24162 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.45 2.24 0.00 N | 17.95 1.07 -0.72 N | 10.64 0.99 0.00 N | 72.54 5.23 0.00 N | 79.06 6.03 0.00 N | 40.25 3.32 0.00 N | 45.37 3.73 0.00 N | 32.45 2.65 0.00 N | 47.34 3.91 0.00 N | 46.63 3.97 0.00 N | 43.99 3.92 0.00 N | 44.76 3.95 0.00 N | 44.73 3.97 -15.19 N | 138.94 10.35 -5.16 N | 51.28 3.91 -24.66 N | 60.79 2.96 0.00 N | 221.02 17.35 0.00 N | 42.62 3.51 -0.02 N | 43.40 2.62 -11.24 N | 47.84 1.66 -24.79 N |

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| NYPA_VERNON____GT3 24163 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.45 2.24 0.00 N | 17.95 1.07 -0.72 N | 10.64 0.99 0.00 N | 72.54 5.23 0.00 N | 79.06 6.03 0.00 N | 40.25 3.32 0.00 N | 45.37 3.73 0.00 N | 32.45 2.65 0.00 N | 47.34 3.91 0.00 N | 46.63 3.97 0.00 N | 43.99 3.92 0.00 N | 44.76 3.95 0.00 N | 44.73 3.97 0.00 N | 138.94 10.35 -15.19 N | 51.28 3.91 -5.16 N | 60.79 2.96 -24.66 N | 221.02 17.35 0.00 N | 42.62 3.51 -0.02 N | 43.40 2.62 -11.24 N | 47.84 1.66 -24.79 N |
| NYPA____ASTORIA_CC1 323568 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N |
| NYPA____ASTORIA_CC2 323569 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.44 2.23 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.97 0.00 N | 72.48 5.17 0.00 N | 78.98 5.95 0.00 N | 40.23 3.30 0.00 N | 45.34 3.70 0.00 N | 32.44 2.64 0.00 N | 47.30 3.87 0.00 N | 46.60 3.94 0.00 N | 43.96 3.90 0.00 N | 44.72 3.92 0.00 N | 44.71 3.95 0.00 N | 138.82 10.23 -15.19 N | 51.23 3.86 -5.16 N | 60.75 2.92 -24.66 N | 220.77 17.09 0.00 N | 42.59 3.48 -0.02 N | 43.38 2.59 -11.24 N | 47.83 1.65 -24.79 N |
| NYPA____HOLTSVILL 23794 | 124.56 1.14 -112.86 N | 75.96 1.21 -63.27 N | 58.21 1.49 -42.32 N | 58.31 2.77 -28.63 N | 58.84 3.65 -18.98 N | 18.68 1.79 -0.73 N | 11.03 1.38 0.00 N | 146.17 7.91 -70.95 N | 88.85 8.91 -6.91 N | 196.86 4.66 -155.27 N | 107.21 5.09 -60.48 N | 86.00 3.49 -52.71 N | 91.59 5.13 -43.04 N | 95.93 5.11 -48.17 N | 98.00 5.01 -52.92 N | 119.06 5.10 -73.16 N | 82.26 5.18 -36.33 N | 145.66 13.47 -18.78 N | 64.76 5.29 -17.26 N | 73.15 4.05 -35.93 N | 248.45 23.53 -21.24 N | 66.56 4.73 -22.73 N | 59.95 3.57 -26.83 N | 50.34 2.36 -26.60 N |
| NYPA____HELLGATE_GT1 24158 | 11.31 0.75 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.62 1.71 0.00 N | 38.42 2.20 0.00 N | 17.90 1.02 -0.72 N | 10.68 1.03 0.00 N | 72.61 5.30 0.00 N | 79.03 6.01 0.00 N | 40.27 3.34 0.00 N | 45.32 3.68 0.00 N | 32.37 2.57 0.00 N | 47.26 3.83 0.00 N | 46.57 3.91 0.00 N | 43.96 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.68 10.09 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.94 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.46 2.67 -11.24 N | 47.96 1.78 -24.79 N |
| NYPA____HELLGATE_GT2 24159 | 11.31 0.75 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.62 1.71 0.00 N | 38.42 2.20 0.00 N | 17.90 1.02 -0.72 N | 10.68 1.03 0.00 N | 72.61 5.30 0.00 N | 79.03 6.01 0.00 N | 40.27 3.34 0.00 N | 45.32 3.68 0.00 N | 32.37 2.57 0.00 N | 47.26 3.83 0.00 N | 46.57 3.91 0.00 N | 43.96 3.89 0.00 N | 44.71 3.91 0.00 N | 44.68 3.92 0.00 N | 138.68 10.09 -15.19 N | 51.23 3.86 -5.16 N | 60.76 2.94 -24.66 N | 220.79 17.12 0.00 N | 42.67 3.56 -0.02 N | 43.46 2.67 -11.24 N | 47.96 1.78 -24.79 N |
| NYS_BARGE____HYD 23848 | 10.23 -0.34 0.00 N | 11.02 -0.46 0.00 N | 13.72 -0.68 0.00 N | 25.54 -1.37 0.00 N | 34.25 -1.97 0.00 N | 14.93 -1.31 -0.08 N | 7.58 -2.08 0.00 N | 61.42 -5.89 0.00 N | 65.92 -7.10 0.00 N | 33.34 -3.59 0.00 N | 37.48 -4.16 0.00 N | 26.99 -2.81 0.00 N | 39.27 -4.15 0.00 N | 38.45 -4.20 0.00 N | 36.03 -4.04 0.00 N | 36.40 -4.40 0.00 N | 36.40 -4.36 0.00 N | 102.82 -12.37 -1.79 N | 38.29 -4.53 -0.61 N | 32.55 -3.53 -2.90 N | 181.27 -22.40 0.00 N | 35.13 -3.96 0.00 N | 28.33 -2.52 -1.30 N | 23.05 -1.20 -2.86 N |
| O.H_GEN_BRUCE 24063 | 10.02 -0.55 0.00 N | 10.81 -0.67 0.00 N | 13.47 -0.93 0.00 N | 25.06 -1.85 0.00 N | 33.59 -2.62 0.00 N | 14.63 -1.61 -0.08 N | 7.36 -2.30 0.00 N | 59.94 -7.38 0.00 N | 64.31 -8.72 0.00 N | 32.53 -4.40 0.00 N | 36.56 -5.08 0.00 N | 26.34 -3.46 0.00 N | 38.28 -5.15 0.00 N | 37.48 -5.17 0.00 N | 35.12 -4.95 0.00 N | 35.50 -5.30 0.00 N | 35.52 -5.23 0.00 N | 100.38 -14.80 -1.76 N | 37.42 -5.40 -0.60 N | 31.82 -4.22 -2.86 N | 176.77 -26.90 0.00 N | 34.27 -4.82 0.00 N | 27.72 -3.11 -1.28 N | 22.61 -1.61 -2.83 N |
| OAK_ORCHARD____HYD 24046 | 10.29 -0.28 0.00 N | 11.14 -0.34 0.00 N | 13.91 -0.49 0.00 N | 25.92 -0.98 0.00 N | 34.75 -1.47 0.00 N | 15.33 -0.90 -0.07 N | 8.52 -1.14 0.00 N | 63.94 -3.37 0.00 N | 69.12 -3.91 0.00 N | 34.99 -1.94 0.00 N | 39.40 -2.25 0.00 N | 28.30 -1.50 0.00 N | 41.24 -2.19 0.00 N | 40.43 -2.23 0.00 N | 37.93 -2.13 0.00 N | 38.45 -2.35 0.00 N | 38.41 -2.34 0.00 N | 108.26 -6.75 -1.59 N | 40.23 -2.53 -0.54 N | 33.77 -1.99 -2.59 N | 191.63 -12.04 0.00 N | 36.95 -2.15 0.00 N | 29.21 -1.49 -1.16 N | 23.14 -0.80 -2.55 N |
| OCC_CHEM____DRP 24175 | 10.09 -0.48 0.00 N | 10.88 -0.61 0.00 N | 13.55 -0.85 0.00 N | 25.21 -1.70 0.00 N | 33.80 -2.41 0.00 N | 14.72 -1.53 -0.08 N | 7.36 -2.30 0.00 N | 60.24 -7.08 0.00 N | 64.56 -8.46 0.00 N | 32.65 -4.27 0.00 N | 36.69 -4.95 0.00 N | 26.43 -3.36 0.00 N | 38.43 -4.99 0.00 N | 37.62 -5.04 0.00 N | 35.25 -4.81 0.00 N | 35.60 -5.20 0.00 N | 35.63 -5.13 0.00 N | 100.71 -14.51 -1.82 N | 37.53 -5.30 -0.62 N | 31.99 -4.13 -2.95 N | 177.32 -26.35 0.00 N | 34.39 -4.71 0.00 N | 27.86 -3.01 -1.32 N | 22.80 -1.50 -2.92 N |
| OLIN_CORP_DRP 24177 | 10.11 -0.46 0.00 N | 10.90 -0.58 0.00 N | 13.57 -0.83 0.00 N | 25.26 -1.65 0.00 N | 33.88 -2.34 0.00 N | 14.76 -1.48 -0.09 N | 7.40 -2.26 0.00 N | 60.45 -6.86 0.00 N | 64.80 -8.23 0.00 N | 32.78 -4.14 0.00 N | 36.84 -4.81 0.00 N | 26.53 -3.27 0.00 N | 38.58 -4.84 0.00 N | 37.78 -4.88 0.00 N | 35.39 -4.68 0.00 N | 35.77 -5.03 0.00 N | 35.80 -4.96 0.00 N | 101.20 -14.04 -1.84 N | 37.71 -5.12 -0.62 N | 32.16 -3.99 -2.98 N | 178.16 -25.51 0.00 N | 34.55 -4.54 0.00 N | 27.98 -2.90 -1.34 N | 22.90 -1.43 -2.95 N |
| ONONDAGA_REF_OCCRA 23987 | 10.56 -0.01 0.00 N | 11.45 -0.03 0.00 N | 14.33 -0.07 0.00 N | 26.78 -0.13 0.00 N | 35.96 -0.25 0.00 N | 16.03 -0.19 -0.06 N | 9.56 -0.10 0.00 N | 67.42 0.11 0.00 N | 73.15 0.13 0.00 N | 37.02 0.09 0.00 N | 41.69 0.04 0.00 N | 29.86 0.07 0.00 N | 43.60 0.18 0.00 N | 42.80 0.15 0.00 N | 40.18 0.12 0.00 N | 40.90 0.10 0.00 N | 40.84 0.08 0.00 N | 114.85 0.04 -1.40 N | 42.61 -0.08 -0.48 N | 35.38 -0.07 -2.28 N | 203.84 0.17 0.00 N | 39.14 0.05 0.00 N | 30.42 -0.09 -0.97 N | 23.44 -0.08 -2.13 N |
| ONONDAGA____COGEN 23986 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N |
| ONTARIO____LFGE 23819 | 10.83 0.27 0.00 N | 11.73 0.24 0.00 N | 14.62 0.22 0.00 N | 27.40 0.49 0.00 N | 36.56 0.34 0.00 N | 16.21 -0.04 -0.09 N | 9.43 -0.23 0.00 N | 68.19 0.87 0.00 N | 74.00 0.98 0.00 N | 37.46 0.53 0.00 N | 42.07 0.43 0.00 N | 30.24 0.44 0.00 N | 44.35 0.93 0.00 N | 43.28 0.62 0.00 N | 40.55 0.48 0.00 N | 41.25 0.44 0.00 N | 41.08 0.32 0.00 N | 116.22 0.80 -2.03 N | 43.13 0.23 -0.69 N | 36.59 0.14 -3.29 N | 205.50 1.83 0.00 N | 39.63 0.53 0.00 N | 31.28 0.27 -1.46 N | 24.77 0.18 -3.21 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 |
|---------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|---|
| OSWEGATCHIE___HYD 24044 | 9.59 -0.98 0.00 N | 10.37 -1.11 0.00 N | 12.93 -1.47 0.00 N | 24.19 -2.71 0.00 N | 33.41 -2.81 0.00 N | 15.13 -1.03 0.00 N | 8.90 -0.76 0.00 N | 61.76 -5.55 0.00 N | 66.38 -6.64 0.00 N | 33.20 -3.73 0.00 N | 37.93 -3.71 0.00 N | 26.93 -2.86 0.00 N | 38.26 -5.16 0.00 N | 37.59 -5.06 0.00 N | 34.29 -5.78 0.00 N | 35.27 -5.54 0.00 N | 35.27 -5.48 0.00 N | 99.27 -14.14 0.00 N | 36.74 -5.47 0.00 N | 28.94 -4.23 0.00 N | 178.15 -25.52 0.00 N | 34.27 -4.82 0.00 N | 25.57 -3.97 0.00 N | 18.91 -2.47 0.00 N | |
| OSWEGO___5 23606 | 10.33 -0.23 0.00 N | 11.22 -0.26 0.00 N | 14.05 -0.34 0.00 N | 26.26 -0.65 0.00 N | 35.32 -0.89 0.00 N | 15.75 -0.45 0.00 N | 9.32 -0.34 0.00 N | 65.66 -1.66 0.00 N | 71.19 -1.83 0.00 N | 36.00 -0.92 0.00 N | 40.55 -1.09 0.00 N | 29.05 -0.74 0.00 N | 42.37 -1.05 0.00 N | 41.61 -1.05 0.00 N | 39.06 -1.00 0.00 N | 39.74 -1.06 0.00 N | 39.68 -1.07 0.00 N | 111.51 -2.96 0.00 N | 41.47 -1.10 0.00 N | 34.03 -0.87 0.00 N | 198.40 -5.27 0.00 N | 38.11 -0.98 0.00 N | 29.57 -0.76 0.00 N | 22.59 -0.51 0.00 N | |
| OSWEGO___6 23613 | 10.33 -0.23 0.00 N | 11.22 -0.26 0.00 N | 14.05 -0.34 0.00 N | 26.26 -0.65 0.00 N | 35.32 -0.89 0.00 N | 15.75 -0.45 0.00 N | 9.32 -0.34 0.00 N | 65.66 -1.66 0.00 N | 71.19 -1.83 0.00 N | 36.00 -0.92 0.00 N | 40.55 -1.09 0.00 N | 29.05 -0.74 0.00 N | 42.37 -1.05 0.00 N | 41.61 -1.05 0.00 N | 39.06 -1.00 0.00 N | 39.74 -1.06 0.00 N | 39.68 -1.07 0.00 N | 111.51 -2.96 0.00 N | 41.47 -1.10 0.00 N | 34.03 -0.87 0.00 N | 198.40 -5.27 0.00 N | 38.11 -0.98 0.00 N | 29.57 -0.76 0.00 N | 22.59 -0.51 0.00 N | |
| OUTOKUMPU-AB___DRP 24206 | 10.33 -0.24 0.00 N | 11.13 -0.36 0.00 N | 13.85 -0.55 0.00 N | 25.79 -1.11 0.00 N | 34.59 -1.62 0.00 N | 15.08 -1.17 0.00 N | 7.70 -1.96 0.00 N | 62.19 -5.13 0.00 N | 66.78 -6.24 0.00 N | 33.79 -3.14 0.00 N | 37.99 -3.65 0.00 N | 27.35 -2.44 0.00 N | 39.83 -3.59 0.00 N | 39.00 -3.65 0.00 N | 36.56 -3.51 0.00 N | 36.92 -3.89 0.00 N | 36.87 -3.89 0.00 N | 104.16 -11.10 0.00 N | 38.80 -4.04 0.00 N | 33.02 -3.15 0.00 N | 183.69 -19.99 0.00 N | 35.58 -3.51 0.00 N | 28.70 -2.20 0.00 N | 23.36 -0.99 0.00 N | |
| OXBOW___ 24026 | 10.25 -0.32 0.00 N | 11.05 -0.44 0.00 N | 13.75 -0.65 0.00 N | 25.60 -1.31 0.00 N | 34.32 -1.89 0.00 N | 14.95 -1.29 0.00 N | 7.59 -2.07 0.00 N | 61.52 -5.79 0.00 N | 66.05 -6.98 0.00 N | 33.41 -3.52 0.00 N | 37.57 -4.07 0.00 N | 27.05 -2.75 0.00 N | 39.38 -4.05 0.00 N | 38.57 -4.08 0.00 N | 36.13 -3.94 0.00 N | 36.49 -4.32 0.00 N | 36.47 -4.28 0.00 N | 103.09 -12.15 0.00 N | 38.40 -4.43 0.00 N | 32.69 -3.46 0.00 N | 181.68 -21.99 0.00 N | 35.21 -3.88 0.00 N | 28.43 -2.46 0.00 N | 23.18 -1.15 0.00 N | |
| PEEKSKILL___ 23653 | 11.15 0.58 0.00 N | 12.12 0.63 0.00 N | 15.18 0.78 0.00 N | 28.32 1.41 0.00 N | 38.03 1.81 0.00 N | 17.76 0.89 0.00 N | 10.48 0.82 0.00 N | 71.58 4.27 0.00 N | 77.86 4.84 0.00 N | 39.50 2.57 0.00 N | 44.51 2.87 0.00 N | 31.81 2.02 0.00 N | 46.41 2.99 0.00 N | 45.71 3.05 0.00 N | 43.12 3.05 0.00 N | 43.91 3.11 0.00 N | 43.91 3.16 0.00 N | 136.98 8.53 0.00 N | 50.51 3.19 0.00 N | 60.02 2.43 0.00 N | 218.27 14.60 0.00 N | 41.96 2.85 0.00 N | 42.83 2.15 0.00 N | 47.30 1.37 0.00 N | |
| PGE MADISON___WINDPWR 24146 | 11.40 0.83 0.00 N | 12.35 0.86 0.00 N | 15.41 1.01 0.00 N | 28.93 2.02 0.00 N | 38.76 2.55 0.00 N | 17.41 1.04 0.00 N | 10.71 1.05 0.00 N | 74.27 6.96 0.00 N | 80.49 7.47 0.00 N | 40.54 3.61 0.00 N | 45.43 3.79 0.00 N | 32.38 2.58 0.00 N | 47.40 3.98 0.00 N | 46.36 3.71 0.00 N | 43.27 3.20 0.00 N | 43.82 3.02 0.00 N | 43.64 2.89 0.00 N | 125.82 7.89 0.00 N | 46.43 2.68 0.00 N | 42.65 2.13 0.00 N | 219.18 15.51 0.00 N | 41.72 2.63 0.00 N | 34.04 1.24 0.00 N | 29.20 0.64 0.00 N | |
| PIERCEFIELD___HYD 23852 | 9.17 -1.40 0.00 N | 9.93 -1.56 0.00 N | 12.35 -2.05 0.00 N | 23.09 -3.81 0.00 N | 32.38 -3.83 0.00 N | 14.74 -1.40 0.00 N | 8.38 -1.28 0.00 N | 58.43 -8.89 0.00 N | 62.38 -10.64 0.00 N | 30.99 -5.94 0.00 N | 35.80 -5.84 0.00 N | 25.32 -4.48 0.00 N | 35.26 -8.16 0.00 N | 34.63 -8.02 0.00 N | 30.87 -9.20 0.00 N | 32.08 -8.72 0.00 N | 32.23 -8.53 0.00 N | 90.83 -22.03 0.00 N | 33.51 -8.52 0.19 N | 25.67 -6.61 0.89 N | 162.77 -40.90 0.00 N | 31.34 -7.75 0.00 N | 22.99 -6.18 0.38 N | 16.84 -3.71 0.84 N | |
| PINELAWN_CC_1 323563 | 124.40 0.97 -112.86 N | 75.79 1.03 -63.27 N | 58.00 1.28 -42.32 N | 57.91 2.37 -28.63 N | 58.28 3.08 -18.98 N | 18.38 1.49 -0.73 N | 10.82 1.17 0.00 N | 144.67 6.41 -70.95 N | 87.39 7.45 -6.91 N | 196.21 4.01 -155.27 N | 106.51 4.39 -60.48 N | 85.56 3.06 -52.71 N | 90.98 4.52 -43.04 N | 95.33 4.51 -48.17 N | 97.42 4.43 -52.92 N | 118.48 4.52 -73.16 N | 81.64 4.56 -36.33 N | 143.96 11.77 -18.78 N | 64.07 4.59 -17.26 N | 72.60 3.50 -35.93 N | 245.10 20.18 -21.24 N | 65.98 4.16 -22.73 N | 59.55 3.16 -26.83 N | 50.07 2.08 -26.60 N | |
| PJM_GEN_KEystone 24065 | 10.81 0.23 0.00 N | 11.76 0.27 0.00 N | 14.50 0.10 0.00 N | 27.43 0.52 0.00 N | 36.74 0.53 0.00 N | 16.60 -0.09 0.00 N | 9.24 -0.42 0.00 N | 66.82 -0.50 0.00 N | 71.81 -1.22 0.00 N | 36.23 -0.70 0.00 N | 40.49 -1.16 0.00 N | 28.87 -0.92 0.00 N | 42.82 -0.60 0.00 N | 41.92 -0.74 0.00 N | 39.52 -0.55 0.00 N | 40.31 -0.50 0.00 N | 40.06 -0.69 0.00 N | 122.85 -1.59 0.00 N | 45.61 -0.36 0.00 N | 50.49 -0.58 0.00 N | 200.72 -2.96 0.00 N | 38.75 -0.35 0.00 N | 37.26 -0.44 0.00 N | 39.02 -0.35 0.00 N | |
| PJM_GEN_NEPTUNE_PROXY 323594 | 124.31 0.89 -112.86 N | 75.71 0.96 -63.27 N | 57.91 1.19 -42.32 N | 57.74 2.20 -28.63 N | 58.05 2.86 -18.98 N | 18.27 1.39 -0.73 N | 10.73 1.08 0.00 N | 144.12 5.86 -70.95 N | 86.62 6.69 -6.91 N | 195.77 3.57 -155.27 N | 106.05 3.93 -60.48 N | 85.25 2.75 -52.71 N | 90.54 4.08 -43.04 N | 94.91 4.09 -48.17 N | 97.02 4.03 -52.92 N | 118.05 4.09 -73.16 N | 81.19 4.10 -36.33 N | 142.75 10.56 -18.78 N | 63.64 4.17 -17.26 N | 72.29 3.19 -35.93 N | 243.03 18.11 -21.24 N | 65.57 3.75 -22.73 N | 59.23 2.85 -26.83 N | 49.87 1.88 -26.60 N | |
| PLEASANTVLY___LBMP 24000 | 11.13 0.56 0.00 N | 12.10 0.62 0.00 N | 15.17 0.76 0.00 N | 28.30 1.39 0.00 N | 38.00 1.78 0.00 N | 17.77 0.86 0.00 N | 10.41 0.75 0.00 N | 71.17 3.86 0.00 N | 77.43 4.40 0.00 N | 39.24 2.32 0.00 N | 44.28 2.64 0.00 N | 31.64 1.84 0.00 N | 46.14 2.72 0.00 N | 45.40 2.75 0.00 N | 42.81 2.74 0.00 N | 43.61 2.81 0.00 N | 43.59 2.84 0.00 N | 136.87 7.74 0.00 N | 50.45 2.90 0.00 N | 60.92 2.24 0.00 N | 216.98 13.31 0.00 N | 41.68 2.57 0.00 N | 43.17 1.99 0.00 N | 48.34 1.30 0.00 N | |
| POLETTI___ 23519 | 11.27 0.70 0.00 N | 12.23 0.74 0.00 N | 15.31 0.90 0.00 N | 28.55 1.64 0.00 N | 38.33 2.12 0.00 N | 17.91 1.02 0.00 N | 10.61 0.96 0.00 N | 72.44 5.13 0.00 N | 78.95 5.93 0.00 N | 40.11 3.18 0.00 N | 45.24 3.60 0.00 N | 32.33 2.53 0.00 N | 47.18 3.76 0.00 N | 46.46 3.81 0.00 N | 43.84 3.77 0.00 N | 44.60 3.80 0.00 N | 44.60 3.84 0.00 N | 138.86 10.26 0.00 N | 51.17 3.80 0.00 N | 60.71 2.88 0.00 N | 220.95 17.28 0.00 N | 42.52 3.41 0.00 N | 43.33 2.54 0.00 N | 47.79 1.62 0.00 N | |
| PORT_JEFF_3 | 124.60 | 76.00 | 58.26 | 58.40 | 58.97 | 18.74 | 11.07 | 146.47 | 89.09 | 196.94 | 107.21 | 86.00 | 91.58 | 95.93 | 98.00 | 119.06 | 82.28 | 145.69 | 64.82 | 73.19 | 248.55 | 66.61 | 60.03 | 50.42 | |

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| 23555 | 1.18 -112.86 N | 1.24 -63.27 N | 1.54 -42.32 N | 2.86 -28.63 N | 3.78 -18.98 N | 1.86 -0.73 N | 1.41 0.00 N | 8.21 -70.95 N | 9.15 -6.91 N | 4.74 -155.27 N | 5.09 -60.48 N | 3.50 -52.71 N | 5.12 -43.04 N | 5.10 -48.17 N | 5.01 -52.92 N | 5.10 -73.16 N | 5.20 -36.33 N | 13.50 -18.78 N | 5.34 -17.26 N | 4.08 -35.93 N | 23.64 -21.24 N | 4.78 -22.73 N | 3.64 -26.83 N | 2.44 -26.60 N |
| PORT_JEFF_4 23616 | 124.60 1.18 -112.86 N | 76.00 1.24 -63.27 N | 58.26 1.54 -42.32 N | 58.40 2.86 -28.63 N | 58.97 3.78 -18.98 N | 18.74 1.86 -0.73 N | 11.07 1.41 0.00 N | 146.47 8.21 -70.95 N | 89.09 9.15 -6.91 N | 196.94 4.74 -155.27 N | 107.21 5.09 -60.48 N | 86.00 3.50 -52.71 N | 91.58 5.12 -43.04 N | 95.93 5.10 -48.17 N | 98.00 5.01 -52.92 N | 119.06 5.10 -73.16 N | 82.28 5.20 -36.33 N | 145.69 13.50 -18.78 N | 64.82 5.34 -17.26 N | 73.19 4.08 -35.93 N | 248.55 23.64 -21.24 N | 66.61 4.78 -22.73 N | 60.03 3.64 -26.83 N | 50.42 2.44 -26.60 N |
| PORT_JEFF_IC 23713 | 124.63 1.22 -112.86 N | 76.03 1.28 -63.27 N | 58.30 1.59 -42.32 N | 58.48 2.94 -28.63 N | 59.08 3.89 -18.98 N | 18.79 1.90 -0.73 N | 11.10 1.44 0.00 N | 146.69 8.43 -70.95 N | 89.37 9.44 -6.91 N | 197.09 4.89 -155.27 N | 107.31 5.19 -60.48 N | 86.08 3.57 -52.71 N | 91.71 5.25 -43.04 N | 96.04 5.22 -48.17 N | 98.12 5.13 -52.92 N | 119.18 5.22 -73.16 N | 82.39 5.31 -36.33 N | 146.00 13.81 -18.78 N | 64.94 5.47 -17.26 N | 73.28 4.18 -35.93 N | 249.26 24.35 -21.24 N | 66.75 4.93 -22.73 N | 60.14 3.76 -26.83 N | 50.51 2.52 -26.60 N |
| PPL PILGRIM_ST_GT1 24216 | 124.52 1.10 -112.86 N | 75.91 1.16 -63.27 N | 58.15 1.43 -42.32 N | 58.19 2.65 -28.63 N | 58.67 3.47 -18.98 N | 18.65 1.77 -0.73 N | 10.93 1.27 0.00 N | 145.42 7.16 -70.95 N | 88.12 8.19 -6.91 N | 196.55 4.35 -155.27 N | 106.90 4.78 -60.48 N | 85.63 3.13 -52.71 N | 91.05 4.58 -43.04 N | 95.40 4.58 -48.17 N | 97.50 4.51 -52.92 N | 118.56 4.60 -73.16 N | 81.88 4.80 -36.33 N | 144.69 12.50 -18.78 N | 64.38 4.90 -17.26 N | 72.83 3.73 -35.93 N | 245.74 20.82 -21.24 N | 66.09 4.27 -22.73 N | 59.79 3.40 -26.83 N | 50.30 2.31 -26.60 N |
| PPL PILGRIM_ST_GT2 24217 | 124.52 1.10 -112.86 N | 75.91 1.16 -63.27 N | 58.15 1.43 -42.32 N | 58.19 2.65 -28.63 N | 58.67 3.47 -18.98 N | 18.65 1.77 -0.73 N | 10.93 1.27 0.00 N | 145.42 7.16 -70.95 N | 88.12 8.19 -6.91 N | 196.55 4.35 -155.27 N | 106.90 4.78 -60.48 N | 85.63 3.13 -52.71 N | 91.05 4.58 -43.04 N | 95.40 4.58 -48.17 N | 97.50 4.51 -52.92 N | 118.56 4.60 -73.16 N | 81.88 4.80 -36.33 N | 144.69 12.50 -18.78 N | 64.38 4.90 -17.26 N | 72.83 3.73 -35.93 N | 245.74 20.82 -21.24 N | 66.09 4.27 -22.73 N | 59.79 3.40 -26.83 N | 50.30 2.31 -26.60 N |
| PPL_SHRM_GT3 24213 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.68 -42.32 N | 58.67 3.13 -28.63 N | 59.33 4.13 -18.98 N | 18.91 2.02 -0.73 N | 11.24 1.58 0.00 N | 147.40 9.14 -70.95 N | 90.19 10.26 -6.91 N | 197.54 5.33 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.34 5.87 -43.04 N | 96.64 5.82 -48.17 N | 98.70 5.71 -52.92 N | 119.76 5.80 -73.16 N | 82.95 5.87 -36.33 N | 147.49 15.31 -18.78 N | 65.48 6.01 -17.26 N | 73.73 4.62 -35.93 N | 251.76 26.84 -21.24 N | 67.13 5.31 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N |
| PPL_SHRM_GT4 24214 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.68 -42.32 N | 58.67 3.13 -28.63 N | 59.33 4.13 -18.98 N | 18.91 2.02 -0.73 N | 11.24 1.58 0.00 N | 147.40 9.14 -70.95 N | 90.19 10.26 -6.91 N | 197.54 5.33 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.34 5.87 -43.04 N | 96.64 5.82 -48.17 N | 98.70 5.71 -52.92 N | 119.76 5.80 -73.16 N | 82.95 5.87 -36.33 N | 147.49 15.31 -18.78 N | 65.48 6.01 -17.26 N | 73.73 4.62 -35.93 N | 251.76 26.84 -21.24 N | 67.13 5.31 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N |
| PROJECT___ORANGE 1 24174 | 10.48 -0.09 0.00 N | 11.37 -0.12 0.00 N | 14.24 -0.16 0.00 N | 26.59 -0.31 0.00 N | 35.75 -0.46 0.00 N | 15.94 -0.27 -0.06 N | 9.45 -0.21 0.00 N | 66.76 -0.55 0.00 N | 72.41 -0.62 0.00 N | 36.65 -0.27 0.00 N | 41.29 -0.35 0.00 N | 29.60 -0.20 0.00 N | 43.20 -0.22 0.00 N | 42.42 -0.24 0.00 N | 39.85 -0.22 0.00 N | 40.54 -0.26 0.00 N | 40.50 -0.26 0.00 N | 113.77 -0.81 -1.17 N | 42.24 -0.37 -0.40 N | 34.75 -0.32 -1.90 N | 202.08 -1.59 0.00 N | 38.80 -0.29 0.00 N | 30.10 -0.30 -0.86 N | 23.06 -0.22 -1.90 N |
| PROJECT___ORANGE 2 24166 | 10.48 -0.09 0.00 N | 11.37 -0.12 0.00 N | 14.24 -0.16 0.00 N | 26.59 -0.31 0.00 N | 35.75 -0.46 0.00 N | 15.94 -0.27 -0.06 N | 9.45 -0.21 0.00 N | 66.76 -0.55 0.00 N | 72.41 -0.62 0.00 N | 36.65 -0.27 0.00 N | 41.29 -0.35 0.00 N | 29.60 -0.20 0.00 N | 43.20 -0.22 0.00 N | 42.42 -0.24 0.00 N | 39.85 -0.22 0.00 N | 40.54 -0.26 0.00 N | 40.50 -0.26 0.00 N | 113.77 -0.81 -1.17 N | 42.24 -0.37 -0.40 N | 34.75 -0.32 -1.90 N | 202.08 -1.59 0.00 N | 38.80 -0.29 0.00 N | 30.10 -0.30 -0.86 N | 23.06 -0.22 -1.90 N |
| PYRITES___HYD 24023 | 9.22 -1.35 0.00 N | 9.97 -1.52 0.00 N | 12.40 -2.00 0.00 N | 23.18 -3.73 0.00 N | 32.53 -3.69 0.00 N | 14.81 -1.32 0.03 N | 8.47 -1.18 0.00 N | 58.89 -8.42 0.00 N | 62.98 -10.04 0.00 N | 31.29 -5.64 0.00 N | 36.13 -5.51 0.00 N | 25.54 -4.26 0.00 N | 35.56 -7.86 0.00 N | 34.90 -7.75 0.00 N | 31.08 -8.99 0.00 N | 32.31 -8.50 0.00 N | 32.47 -8.29 0.00 N | 91.40 -21.44 0.56 N | 33.63 -8.39 0.19 N | 25.75 -6.50 0.92 N | 163.28 -40.39 0.00 N | 31.47 -7.62 0.00 N | 23.09 -6.07 0.39 N | 16.89 -3.63 0.87 N |
| RAMAPO___LBMP 323565 | 11.16 0.59 0.00 N | 12.14 0.65 0.00 N | 15.21 0.81 0.00 N | 28.38 1.47 0.00 N | 38.08 1.87 0.00 N | 17.77 0.91 -0.70 N | 10.48 0.83 0.00 N | 71.66 4.35 0.00 N | 77.89 4.86 0.00 N | 39.48 2.55 0.00 N | 44.47 2.83 0.00 N | 31.77 1.98 0.00 N | 46.38 2.96 0.00 N | 45.68 3.02 0.00 N | 43.11 3.04 0.00 N | 43.90 3.10 0.00 N | 43.91 3.15 0.00 N | 136.65 8.53 -14.72 N | 50.39 3.18 -5.00 N | 59.50 2.44 -23.90 N | 218.31 14.64 0.00 N | 41.97 2.86 -0.02 N | 42.60 2.16 -10.89 N | 46.80 1.38 -24.03 N |
| RANKINE____ 23646 | 10.26 -0.31 0.00 N | 11.05 -0.43 0.00 N | 13.75 -0.65 0.00 N | 25.61 -1.30 0.00 N | 34.33 -1.88 0.00 N | 14.99 -1.26 -0.09 N | 7.66 -2.00 0.00 N | 61.53 -5.78 0.00 N | 66.07 -6.95 0.00 N | 33.44 -3.49 0.00 N | 37.56 -4.08 0.00 N | 27.02 -2.78 0.00 N | 39.38 -4.04 0.00 N | 38.57 -4.08 0.00 N | 36.16 -3.91 0.00 N | 36.57 -4.23 0.00 N | 36.55 -4.20 0.00 N | 103.40 -11.94 -1.93 N | 38.50 -4.37 -0.66 N | 32.88 -3.43 -3.14 N | 181.82 -21.86 0.00 N | 35.25 -3.85 0.00 N | 28.52 -2.44 -1.41 N | 23.30 -1.19 -3.11 N |
| RAVENSWOOD_GT2_1 24244 | 11.27 0.70 0.00 N | 12.24 0.75 0.00 N | 15.31 0.91 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.43 3.77 0.00 N | 43.79 3.73 0.00 N | 44.56 3.76 0.00 N | 44.56 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.75 17.08 0.00 N | 42.49 3.38 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT2_2 24245 | 11.27 0.70 0.00 N | 12.24 0.75 0.00 N | 15.31 0.91 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.43 3.77 0.00 N | 43.79 3.73 0.00 N | 44.56 3.76 0.00 N | 44.56 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.75 17.08 0.00 N | 42.49 3.38 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N |

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|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| RAVENSWOOD_GT2_3 24246 | 11.28 0.72 0.00 N | 12.25 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.68 0.00 N | 38.38 2.17 0.00 N | 17.93 1.05 -0.72 N | 10.62 0.97 0.00 N | 72.47 5.16 0.00 N | 78.96 5.93 0.00 N | 40.13 3.20 0.00 N | 45.25 3.60 0.00 N | 32.33 2.54 0.00 N | 47.20 3.77 0.00 N | 46.47 3.81 0.00 N | 43.84 3.77 0.00 N | 44.60 3.80 0.00 N | 44.60 3.84 0.00 N | 138.87 10.27 -15.19 N | 51.18 3.81 -5.16 N | 60.73 2.91 -24.66 N | 220.95 17.28 0.00 N | 42.52 3.41 -0.02 N | 43.34 2.55 -11.24 N | 47.81 1.63 -24.79 N |
| RAVENSWOOD_GT2_4 24247 | 11.28 0.72 0.00 N | 12.25 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.68 0.00 N | 38.38 2.17 0.00 N | 17.93 1.05 -0.72 N | 10.62 0.97 0.00 N | 72.47 5.16 0.00 N | 78.96 5.93 0.00 N | 40.13 3.20 0.00 N | 45.25 3.60 0.00 N | 32.33 2.54 0.00 N | 47.20 3.77 0.00 N | 46.47 3.81 0.00 N | 43.84 3.77 0.00 N | 44.60 3.80 0.00 N | 44.60 3.84 0.00 N | 138.87 10.27 -15.19 N | 51.18 3.81 -5.16 N | 60.73 2.91 -24.66 N | 220.95 17.28 0.00 N | 42.52 3.41 -0.02 N | 43.34 2.55 -11.24 N | 47.81 1.63 -24.79 N |
| RAVENSWOOD_GT3_1 24248 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.57 1.66 0.00 N | 38.35 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.10 0.00 N | 78.89 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.31 2.51 0.00 N | 47.15 3.73 0.00 N | 46.43 3.78 0.00 N | 43.80 3.73 0.00 N | 44.57 3.76 0.00 N | 44.56 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.15 3.77 -5.16 N | 60.70 2.88 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.38 -0.02 N | 43.32 2.53 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT3_2 24249 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.57 1.66 0.00 N | 38.35 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.10 0.00 N | 78.89 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.31 2.51 0.00 N | 47.15 3.73 0.00 N | 46.43 3.78 0.00 N | 43.80 3.73 0.00 N | 44.57 3.76 0.00 N | 44.56 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.15 3.77 -5.16 N | 60.70 2.88 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.38 -0.02 N | 43.32 2.53 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT3_3 24250 | 11.29 0.72 0.00 N | 12.25 0.77 0.00 N | 15.34 0.94 0.00 N | 28.60 1.70 0.00 N | 38.41 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.62 0.97 0.00 N | 72.54 5.23 0.00 N | 79.03 6.01 0.00 N | 40.16 3.24 0.00 N | 45.29 3.64 0.00 N | 32.37 2.57 0.00 N | 47.24 3.82 0.00 N | 46.51 3.86 0.00 N | 43.87 3.81 0.00 N | 44.64 3.84 0.00 N | 44.64 3.88 0.00 N | 138.98 10.39 -15.19 N | 51.23 3.85 -5.16 N | 60.76 2.93 -24.66 N | 221.15 17.48 0.00 N | 42.57 3.45 -0.02 N | 43.37 2.58 -11.24 N | 47.83 1.65 -24.79 N |
| RAVENSWOOD_GT3_4 24251 | 11.29 0.72 0.00 N | 12.25 0.77 0.00 N | 15.34 0.94 0.00 N | 28.60 1.70 0.00 N | 38.41 2.19 0.00 N | 17.93 1.05 -0.72 N | 10.62 0.97 0.00 N | 72.54 5.23 0.00 N | 79.03 6.01 0.00 N | 40.16 3.24 0.00 N | 45.29 3.64 0.00 N | 32.37 2.57 0.00 N | 47.24 3.82 0.00 N | 46.51 3.86 0.00 N | 43.87 3.81 0.00 N | 44.64 3.84 0.00 N | 44.64 3.88 0.00 N | 138.98 10.39 -15.19 N | 51.23 3.85 -5.16 N | 60.76 2.93 -24.66 N | 221.15 17.48 0.00 N | 42.57 3.45 -0.02 N | 43.37 2.58 -11.24 N | 47.83 1.65 -24.79 N |
| RAVENSWOOD_GT_1 23729 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.45 2.24 0.00 N | 17.95 1.07 -0.72 N | 10.64 0.99 0.00 N | 72.54 5.23 0.00 N | 79.06 6.03 0.00 N | 40.25 3.32 0.00 N | 45.37 3.73 0.00 N | 32.45 2.65 0.00 N | 47.34 3.91 0.00 N | 46.63 3.97 0.00 N | 43.99 3.92 0.00 N | 44.76 3.95 0.00 N | 44.73 3.97 0.00 N | 138.94 10.35 -15.19 N | 51.28 3.91 -5.16 N | 60.79 2.96 -24.66 N | 221.02 17.35 0.00 N | 42.62 3.51 -0.02 N | 43.40 2.62 -11.24 N | 47.84 1.66 -24.79 N |
| RAVENSWOOD_GT_10 24258 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.42 3.77 0.00 N | 43.79 3.72 0.00 N | 44.56 3.75 0.00 N | 44.55 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.37 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_11 24259 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.42 3.77 0.00 N | 43.79 3.72 0.00 N | 44.56 3.75 0.00 N | 44.55 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.37 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_4 24252 | 11.27 0.70 0.00 N | 12.23 0.74 0.00 N | 15.31 0.90 0.00 N | 28.55 1.64 0.00 N | 38.34 2.12 0.00 N | 17.91 1.02 -0.72 N | 10.60 0.94 0.00 N | 72.38 5.07 0.00 N | 78.86 5.83 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.11 3.69 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.73 0.00 N | 44.52 3.76 0.00 N | 138.67 10.08 -15.19 N | 51.13 3.76 -5.16 N | 60.68 2.86 -24.66 N | 220.77 17.10 0.00 N | 42.46 3.35 -0.02 N | 43.30 2.51 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_5 24254 | 11.27 0.70 0.00 N | 12.23 0.74 0.00 N | 15.31 0.90 0.00 N | 28.55 1.64 0.00 N | 38.34 2.12 0.00 N | 17.91 1.02 -0.72 N | 10.60 0.94 0.00 N | 72.38 5.07 0.00 N | 78.86 5.83 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.11 3.69 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.73 0.00 N | 44.52 3.76 0.00 N | 138.67 10.08 -15.19 N | 51.13 3.76 -5.16 N | 60.68 2.86 -24.66 N | 220.77 17.10 0.00 N | 42.46 3.35 -0.02 N | 43.30 2.51 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_6 24253 | 11.27 0.70 0.00 N | 12.23 0.74 0.00 N | 15.31 0.90 0.00 N | 28.55 1.64 0.00 N | 38.34 2.12 0.00 N | 17.91 1.02 -0.72 N | 10.60 0.94 0.00 N | 72.38 5.07 0.00 N | 78.86 5.83 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.11 3.69 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.73 0.00 N | 44.52 3.76 0.00 N | 138.67 10.08 -15.19 N | 51.13 3.76 -5.16 N | 60.68 2.86 -24.66 N | 220.77 17.10 0.00 N | 42.46 3.35 -0.02 N | 43.30 2.51 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_7 24255 | 11.27 0.70 0.00 N | 12.23 0.74 0.00 N | 15.31 0.90 0.00 N | 28.55 1.64 0.00 N | 38.34 2.12 0.00 N | 17.91 1.02 -0.72 N | 10.60 0.94 0.00 N | 72.38 5.07 0.00 N | 78.86 5.83 0.00 N | 40.05 3.12 0.00 N | 45.16 3.52 0.00 N | 32.28 2.48 0.00 N | 47.11 3.69 0.00 N | 46.39 3.73 0.00 N | 43.76 3.69 0.00 N | 44.53 3.73 0.00 N | 44.52 3.76 0.00 N | 138.67 10.08 -15.19 N | 51.13 3.76 -5.16 N | 60.68 2.86 -24.66 N | 220.77 17.10 0.00 N | 42.46 3.35 -0.02 N | 43.30 2.51 -11.24 N | 47.79 1.61 -24.79 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.42 3.77 0.00 N | 43.79 3.72 0.00 N | 44.56 3.75 0.00 N | 44.55 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.37 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N |

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| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| RAVENSWOOD_GT_9 24257 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.56 1.66 0.00 N | 38.34 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.09 0.00 N | 78.88 5.86 0.00 N | 40.09 3.16 0.00 N | 45.20 3.56 0.00 N | 32.30 2.51 0.00 N | 47.15 3.72 0.00 N | 46.42 3.77 0.00 N | 43.79 3.72 0.00 N | 44.56 3.75 0.00 N | 44.55 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.14 3.77 -5.16 N | 60.70 2.87 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.37 -0.02 N | 43.31 2.52 -11.24 N | 47.79 1.61 -24.79 N | |
| RAVENSWOOD___1 23533 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.36 0.96 0.00 N | 28.65 1.74 0.00 N | 38.45 2.24 0.00 N | 17.95 1.07 -0.72 N | 10.64 0.98 0.00 N | 72.54 5.22 0.00 N | 79.05 6.02 0.00 N | 40.24 3.31 0.00 N | 45.36 3.72 0.00 N | 32.44 2.65 0.00 N | 47.33 3.91 0.00 N | 46.62 3.96 0.00 N | 43.98 3.91 0.00 N | 44.74 3.94 0.00 N | 44.72 3.97 0.00 N | 138.94 10.34 -15.19 N | 51.27 3.89 -5.16 N | 60.77 2.95 -24.66 N | 221.02 17.35 0.00 N | 42.61 3.50 -0.02 N | 43.40 2.61 -11.24 N | 47.84 1.66 -24.79 N | |
| RAVENSWOOD___2 23534 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.64 1.73 0.00 N | 38.44 2.22 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.53 5.21 0.00 N | 79.03 6.00 0.00 N | 40.23 3.30 0.00 N | 45.36 3.72 0.00 N | 32.44 2.65 0.00 N | 47.32 3.90 0.00 N | 46.61 3.95 0.00 N | 43.98 3.91 0.00 N | 44.74 3.94 0.00 N | 44.72 3.97 0.00 N | 138.93 10.34 -15.19 N | 51.26 3.88 -5.16 N | 60.77 2.94 -24.66 N | 220.93 17.26 0.00 N | 42.60 3.49 -0.02 N | 43.39 2.60 -11.24 N | 47.83 1.66 -24.79 N | |
| RAVENSWOOD___3 23535 | 11.28 0.71 0.00 N | 12.24 0.75 0.00 N | 15.32 0.92 0.00 N | 28.57 1.66 0.00 N | 38.35 2.13 0.00 N | 17.90 1.02 -0.72 N | 10.62 0.96 0.00 N | 72.41 5.10 0.00 N | 78.89 5.86 0.00 N | 40.09 3.16 0.00 N | 45.21 3.56 0.00 N | 32.31 2.52 0.00 N | 47.16 3.73 0.00 N | 46.43 3.78 0.00 N | 43.80 3.73 0.00 N | 44.57 3.76 0.00 N | 44.56 3.80 0.00 N | 138.75 10.16 -15.19 N | 51.15 3.78 -5.16 N | 60.70 2.88 -24.66 N | 220.81 17.14 0.00 N | 42.49 3.38 -0.02 N | 43.32 2.53 -11.24 N | 47.79 1.61 -24.79 N | |
| RAVENSWOOD___4 23820 | 11.31 0.74 0.00 N | 12.27 0.78 0.00 N | 15.35 0.95 0.00 N | 28.64 1.73 0.00 N | 38.44 2.22 0.00 N | 17.93 1.05 -0.72 N | 10.63 0.98 0.00 N | 72.53 5.21 0.00 N | 79.03 6.00 0.00 N | 40.23 3.30 0.00 N | 45.36 3.72 0.00 N | 32.44 2.65 0.00 N | 47.32 3.90 0.00 N | 46.61 3.95 0.00 N | 43.98 3.91 0.00 N | 44.74 3.94 0.00 N | 44.72 3.97 0.00 N | 138.93 10.34 -15.19 N | 51.26 3.88 -5.16 N | 60.77 2.94 -24.66 N | 220.93 17.26 0.00 N | 42.60 3.49 -0.02 N | 43.39 2.60 -11.24 N | 47.83 1.66 -24.79 N | |
| RCPL_TRUST___DRP 24196 | 11.28 0.71 0.00 N | 12.24 0.76 0.00 N | 15.33 0.93 0.00 N | 28.59 1.68 0.00 N | 38.38 2.17 0.00 N | 17.91 1.03 -0.72 N | 10.63 0.97 0.00 N | 72.49 5.18 0.00 N | 79.01 5.99 0.00 N | 40.14 3.21 0.00 N | 45.28 3.64 0.00 N | 32.36 2.56 0.00 N | 47.21 3.79 0.00 N | 46.50 3.84 0.00 N | 43.87 3.80 0.00 N | 44.64 3.84 0.00 N | 44.63 3.88 0.00 N | 138.98 10.39 -15.18 N | 51.22 3.85 -5.16 N | 60.75 2.93 -24.65 N | 221.15 17.48 0.00 N | 42.54 3.42 -0.02 N | 43.35 2.56 -11.24 N | 47.81 1.64 -24.79 N | |
| RENSSELAER___COGEN 23796 | 10.97 0.40 0.00 N | 11.99 0.50 0.00 N | 15.05 0.65 0.00 N | 28.13 1.22 0.00 N | 37.84 1.63 0.00 N | 17.93 0.86 -0.91 N | 10.15 0.49 0.00 N | 69.42 2.11 0.00 N | 75.50 2.48 0.00 N | 38.15 1.22 0.00 N | 43.07 1.43 0.00 N | 30.74 0.95 0.00 N | 44.80 1.38 0.00 N | 44.00 1.34 0.00 N | 41.41 1.34 0.00 N | 42.26 1.45 0.00 N | 42.22 1.46 0.00 N | 136.90 4.31 -19.18 N | 50.34 1.60 -6.52 N | 65.56 1.24 -31.15 N | 210.84 7.17 0.00 N | 40.40 1.28 -0.03 N | 44.80 1.06 -14.19 N | 53.41 0.76 -31.26 N | |
| REVERE_CPPR_DRP 24186 | 10.75 0.19 0.00 N | 11.65 0.16 0.00 N | 14.56 0.16 0.00 N | 27.24 0.34 0.00 N | 36.78 0.56 0.00 N | 16.47 0.30 0.00 N | 9.97 0.31 0.00 N | 69.13 1.82 0.00 N | 74.94 1.92 0.00 N | 37.86 0.93 0.00 N | 42.74 1.10 0.00 N | 30.54 0.75 0.00 N | 44.43 1.01 0.00 N | 43.66 1.01 0.00 N | 40.85 0.78 0.00 N | 41.63 0.82 0.00 N | 41.54 0.78 0.00 N | 115.66 2.25 0.00 N | 42.97 0.76 0.00 N | 33.77 0.60 0.00 N | 208.11 4.44 0.00 N | 39.89 0.80 0.00 N | 29.91 0.36 0.00 N | 21.59 0.21 0.00 N | |
| ROCHESTER_9_IC 23652 | 10.40 -0.17 0.00 N | 11.26 -0.23 0.00 N | 14.05 -0.35 0.00 N | 26.17 -0.74 0.00 N | 35.08 -1.13 0.00 N | 15.48 -0.75 -0.07 N | 8.64 -1.02 0.00 N | 64.74 -2.58 0.00 N | 69.99 -3.03 0.00 N | 35.48 -1.45 0.00 N | 39.97 -1.67 0.00 N | 28.70 -1.09 0.00 N | 41.81 -1.61 0.00 N | 41.01 -1.64 0.00 N | 38.49 -1.58 0.00 N | 39.04 -1.77 0.00 N | 38.98 -1.78 0.00 N | 109.81 -5.18 -1.58 N | 40.76 -2.00 -0.54 N | 34.17 -1.57 -2.57 N | 194.26 -9.41 0.00 N | 37.44 -1.66 0.00 N | 29.53 -1.17 -1.15 N | 23.35 -0.57 -2.53 N | |
| ROSETON___1 23587 | 11.11 0.54 0.00 N | 12.08 0.59 0.00 N | 15.14 0.74 0.00 N | 28.26 1.35 0.00 N | 37.94 1.73 0.00 N | 17.71 0.84 -0.72 N | 10.40 0.74 0.00 N | 71.11 3.80 0.00 N | 77.35 4.33 0.00 N | 39.21 2.28 0.00 N | 44.23 2.59 0.00 N | 31.61 1.81 0.00 N | 46.10 2.68 0.00 N | 45.37 2.72 0.00 N | 42.77 2.71 0.00 N | 43.57 2.77 0.00 N | 43.55 2.80 0.00 N | 136.14 7.61 -15.12 N | 50.20 2.85 -5.14 N | 59.91 2.20 -24.54 N | 216.78 13.11 0.00 N | 41.67 2.56 -0.02 N | 42.70 1.96 -11.19 N | 47.34 1.27 -24.68 N | |
| ROSETON___2 23588 | 11.11 0.54 0.00 N | 12.08 0.59 0.00 N | 15.14 0.74 0.00 N | 28.26 1.35 0.00 N | 37.94 1.73 0.00 N | 17.71 0.84 -0.72 N | 10.40 0.74 0.00 N | 71.11 3.80 0.00 N | 77.35 4.33 0.00 N | 39.21 2.28 0.00 N | 44.23 2.59 0.00 N | 31.61 1.81 0.00 N | 46.10 2.68 0.00 N | 45.37 2.72 0.00 N | 42.77 2.71 0.00 N | 43.57 2.77 0.00 N | 43.55 2.80 0.00 N | 136.14 7.61 -15.12 N | 50.20 2.85 -5.14 N | 59.91 2.20 -24.54 N | 216.78 13.11 0.00 N | 41.67 2.56 -0.02 N | 42.70 1.96 -11.19 N | 47.34 1.27 -24.68 N | |
| RUSSELL___1 23602 | 10.63 0.06 0.00 N | 11.48 -0.01 0.00 N | 14.32 -0.08 0.00 N | 26.72 -0.19 0.00 N | 35.87 -0.34 0.00 N | 15.86 -0.37 -0.07 N | 8.97 -0.68 0.00 N | 66.80 -0.51 0.00 N | 72.37 -0.65 0.00 N | 36.68 -0.25 0.00 N | 41.37 -0.27 0.00 N | 29.72 -0.07 0.00 N | 43.38 -0.05 0.00 N | 42.51 -0.15 0.00 N | 39.90 -0.17 0.00 N | 40.46 -0.34 0.00 N | 40.37 -0.39 0.00 N | 113.66 -1.33 -1.58 N | 42.15 -0.60 -0.54 N | 35.23 -0.50 -2.56 N | 201.62 -2.05 0.00 N | 38.79 -0.30 0.00 N | 30.41 -0.28 -1.15 N | 23.84 -0.06 -2.52 N | |
| RUSSELL___2 23532 | 10.63 0.06 0.00 N | 11.48 -0.01 0.00 N | 14.32 -0.08 0.00 N | 26.72 -0.19 0.00 N | 35.87 -0.34 0.00 N | 15.86 -0.37 -0.07 N | 8.97 -0.68 0.00 N | 66.80 -0.51 0.00 N | 72.37 -0.65 0.00 N | 36.68 -0.25 0.00 N | 41.37 -0.27 0.00 N | 29.72 -0.07 0.00 N | 43.38 -0.05 0.00 N | 42.51 -0.15 0.00 N | 39.90 -0.17 0.00 N | 40.46 -0.34 0.00 N | 40.37 -0.39 0.00 N | 113.66 -1.33 -1.58 N | 42.15 -0.60 -0.54 N | 35.23 -0.50 -2.56 N | 201.62 -2.05 0.00 N | 38.79 -0.30 0.00 N | 30.41 -0.28 -1.15 N | 23.84 -0.06 -2.52 N | |
| RUSSELL___3 | 10.41 | 11.26 | 14.05 | 26.19 | 35.12 | 15.51 | 8.67 | 64.95 | 70.27 | 35.60 | 40.10 | 28.80 | 41.99 | 41.17 | 38.62 | 39.17 | 39.11 | 110.16 | 40.92 | 34.29 | 195.11 | 37.61 | 29.64 | 23.38 | |

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| 23549 | -0.16 0.00 N | -0.23 0.00 N | -0.34 0.00 N | -0.72 0.00 N | -1.09 0.00 N | -0.72 -0.07 N | -0.99 0.00 N | -2.36 0.00 N | -2.75 0.00 N | -1.33 0.00 N | -1.54 0.00 N | -0.99 0.00 N | -1.44 0.00 N | -1.48 0.00 N | -1.45 0.00 N | -1.63 0.00 N | -1.65 0.00 N | -4.83 -1.58 N | -1.83 -0.54 N | -1.45 -2.57 N | -8.56 0.00 N | -1.48 0.00 N | -1.06 -1.15 N | -0.53 -2.53 N |
| RUSSELL___4 23556 | 10.62 0.05 0.00 N | 11.47 -0.01 0.00 N | 14.31 -0.09 0.00 N | 26.70 -0.20 0.00 N | 35.85 -0.37 0.00 N | 15.86 -0.37 -0.07 N | 8.98 -0.68 0.00 N | 66.74 -0.57 0.00 N | 72.32 -0.71 0.00 N | 36.65 -0.28 0.00 N | 41.34 -0.30 0.00 N | 29.71 -0.09 0.00 N | 43.33 -0.09 0.00 N | 42.48 -0.18 0.00 N | 39.87 -0.20 0.00 N | 40.43 -0.38 0.00 N | 40.34 -0.42 0.00 N | 113.54 -1.44 -1.58 N | 42.14 -0.61 -0.54 N | 35.21 -0.52 -2.56 N | 201.49 -2.18 0.00 N | 38.77 -0.33 0.00 N | 30.39 -0.30 -1.15 N | 23.83 -0.07 -2.52 N |
| RUSSELL___STATION 23914 | 10.41 -0.16 0.00 N | 11.26 -0.23 0.00 N | 14.05 -0.34 0.00 N | 26.19 -0.72 0.00 N | 35.12 -1.09 0.00 N | 15.51 -0.72 -0.07 N | 8.67 -0.99 0.00 N | 64.95 -2.36 0.00 N | 70.27 -2.75 0.00 N | 35.60 -1.33 0.00 N | 40.10 -1.54 0.00 N | 28.80 -0.99 0.00 N | 41.99 -1.44 0.00 N | 41.17 -1.48 0.00 N | 38.62 -1.45 0.00 N | 39.17 -1.63 0.00 N | 39.11 -1.65 0.00 N | 110.16 -4.83 -1.58 N | 40.92 -1.83 -0.54 N | 34.29 -1.45 -2.57 N | 195.11 -8.56 0.00 N | 37.61 -1.48 0.00 N | 29.64 -1.06 -1.15 N | 23.38 -0.53 -2.53 N |
| S SALMON___HYD 24043 | 10.33 -0.24 0.00 N | 11.18 -0.31 0.00 N | 13.99 -0.41 0.00 N | 26.14 -0.77 0.00 N | 35.28 -0.93 0.00 N | 15.79 -0.41 -0.04 N | 9.49 -0.17 0.00 N | 66.30 -1.01 0.00 N | 71.80 -1.22 0.00 N | 36.19 -0.74 0.00 N | 40.73 -0.91 0.00 N | 29.14 -0.66 0.00 N | 42.39 -1.03 0.00 N | 41.62 -1.03 0.00 N | 38.95 -1.12 0.00 N | 39.63 -1.17 0.00 N | 39.57 -1.19 0.00 N | 111.13 -3.18 -0.90 N | 41.34 -1.18 -0.31 N | 33.71 -0.92 -1.47 N | 198.65 -5.03 0.00 N | 38.29 -0.80 0.00 N | 29.46 -0.75 -0.67 N | 22.31 -0.54 -1.47 N |
| SELKIRK___II 23799 | 10.82 0.26 0.00 N | 11.79 0.31 0.00 N | 14.81 0.41 0.00 N | 27.68 0.77 0.00 N | 37.24 1.03 0.00 N | 17.59 0.53 -0.90 N | 9.97 0.32 0.00 N | 68.28 0.96 0.00 N | 74.12 1.09 0.00 N | 37.39 0.46 0.00 N | 42.19 0.55 0.00 N | 30.17 0.37 0.00 N | 43.94 0.52 0.00 N | 43.19 0.53 0.00 N | 40.64 0.58 0.00 N | 41.44 0.63 0.00 N | 41.41 0.65 0.00 N | 134.39 1.88 -19.10 N | 49.44 0.74 -6.49 N | 64.75 0.57 -31.01 N | 206.88 3.21 0.00 N | 39.71 0.60 -0.03 N | 44.24 0.58 -14.12 N | 52.90 0.49 -31.03 N |
| SELKIRK___I 23801 | 10.83 0.26 0.00 N | 11.82 0.33 0.00 N | 14.84 0.44 0.00 N | 27.73 0.83 0.00 N | 37.33 1.12 0.00 N | 17.63 0.57 -0.90 N | 10.02 0.36 0.00 N | 68.90 1.59 0.00 N | 74.77 1.75 0.00 N | 37.76 0.84 0.00 N | 42.47 0.83 0.00 N | 30.36 0.56 0.00 N | 44.22 0.80 0.00 N | 43.46 0.81 0.00 N | 40.91 0.84 0.00 N | 41.72 0.92 0.00 N | 41.72 0.96 0.00 N | 135.16 2.71 -19.04 N | 49.72 1.05 -6.47 N | 64.89 0.81 -30.91 N | 208.40 4.73 0.00 N | 39.96 0.84 -0.03 N | 44.32 0.70 -14.08 N | 52.91 0.52 -31.01 N |
| SENECA OSWGO___HYD 24041 | 10.33 -0.23 0.00 N | 11.21 -0.27 0.00 N | 14.04 -0.36 0.00 N | 26.23 -0.67 0.00 N | 35.28 -0.93 0.00 N | 15.74 -0.47 -0.05 N | 9.37 -0.28 0.00 N | 65.94 -1.37 0.00 N | 71.50 -1.52 0.00 N | 36.19 -0.74 0.00 N | 40.73 -0.91 0.00 N | 29.19 -0.60 0.00 N | 42.59 -0.83 0.00 N | 41.84 -0.82 0.00 N | 39.32 -0.75 0.00 N | 39.98 -0.82 0.00 N | 39.90 -0.86 0.00 N | 112.21 -2.30 -1.11 N | 41.76 -0.83 -0.38 N | 34.30 -0.66 -1.80 N | 199.79 -3.88 0.00 N | 38.36 -0.73 0.00 N | 29.75 -0.60 -0.81 N | 22.72 -0.44 -1.78 N |
| SENECA___ENERGY 23797 | 10.68 0.11 0.00 N | 11.58 0.09 0.00 N | 14.44 0.04 0.00 N | 27.04 0.13 0.00 N | 36.11 -0.11 0.00 N | 16.03 -0.21 -0.08 N | 9.39 -0.27 0.00 N | 67.55 0.24 0.00 N | 73.24 0.21 0.00 N | 37.08 0.15 0.00 N | 41.73 0.09 0.00 N | 29.97 0.18 0.00 N | 43.85 0.43 0.00 N | 42.87 0.22 0.00 N | 40.20 0.13 0.00 N | 40.91 0.11 0.00 N | 40.80 0.05 0.00 N | 115.07 -0.13 -1.79 N | 42.65 -0.17 -0.61 N | 35.93 -0.14 -2.91 N | 203.77 0.10 0.00 N | 39.22 0.12 0.00 N | 30.77 -0.06 -1.28 N | 24.16 -0.03 -2.82 N |
| SHOEMAKER___GT 23640 | 11.08 0.51 0.00 N | 12.06 0.57 0.00 N | 15.11 0.70 0.00 N | 28.19 1.29 0.00 N | 37.87 1.66 0.00 N | 17.62 0.80 -0.66 N | 10.35 0.69 0.00 N | 71.07 3.76 0.00 N | 77.20 4.18 0.00 N | 39.11 2.19 0.00 N | 44.08 2.44 0.00 N | 31.50 1.70 0.00 N | 45.97 2.55 0.00 N | 45.24 2.58 0.00 N | 42.64 2.58 0.00 N | 43.44 2.64 0.00 N | 43.42 2.66 0.00 N | 134.58 7.26 -13.91 N | 49.66 2.72 -4.73 N | 57.86 2.10 -22.59 N | 216.33 12.66 0.00 N | 41.58 2.47 -0.02 N | 41.71 1.87 -10.30 N | 45.31 1.21 -22.72 N |
| SHOREHAM_IC_1 23715 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.68 -42.32 N | 58.67 3.13 -28.63 N | 59.33 4.13 -18.98 N | 18.91 2.02 -0.73 N | 11.24 1.58 0.00 N | 147.40 9.14 -70.95 N | 90.19 10.26 -6.91 N | 197.54 5.33 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.34 5.87 -43.04 N | 96.64 5.82 -48.17 N | 98.70 5.71 -52.92 N | 119.76 5.80 -73.16 N | 82.95 5.87 -36.33 N | 147.49 15.31 -18.78 N | 65.48 6.01 -17.26 N | 73.73 4.62 -35.93 N | 251.76 26.84 -21.24 N | 67.13 5.31 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N |
| SHOREHAM_IC_2 23716 | 124.72 1.29 -112.86 N | 76.12 1.36 -63.27 N | 58.41 1.68 -42.32 N | 58.67 3.13 -28.63 N | 59.33 4.13 -18.98 N | 18.91 2.02 -0.73 N | 11.24 1.58 0.00 N | 147.40 9.14 -70.95 N | 90.19 10.26 -6.91 N | 197.54 5.33 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.34 5.87 -43.04 N | 96.64 5.82 -48.17 N | 98.70 5.71 -52.92 N | 119.76 5.80 -73.16 N | 82.95 5.87 -36.33 N | 147.49 15.31 -18.78 N | 65.48 6.01 -17.26 N | 73.73 4.62 -35.93 N | 251.76 26.84 -21.24 N | 67.13 5.31 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N |
| SISSONVILLE___ 23735 | 9.17 -1.40 0.00 N | 9.93 -1.56 0.00 N | 12.35 -2.05 0.00 N | 23.09 -3.81 0.00 N | 32.38 -3.83 0.00 N | 14.74 -1.40 0.02 N | 8.38 -1.28 0.00 N | 58.43 -8.89 0.00 N | 62.38 -10.64 0.00 N | 30.99 -5.94 0.00 N | 35.80 -5.84 0.00 N | 25.32 -4.48 0.00 N | 35.26 -8.16 0.00 N | 34.63 -8.02 0.00 N | 30.87 -9.20 0.00 N | 32.08 -8.72 0.00 N | 32.23 -8.53 0.00 N | 90.83 -22.03 0.55 N | 33.51 -8.52 0.19 N | 25.67 -6.61 0.89 N | 162.77 -40.90 0.00 N | 31.34 -7.75 0.00 N | 22.99 -6.18 0.38 N | 16.84 -3.71 0.84 N |
| SITHE_IND_GS1 24169 | 10.28 -0.29 0.00 N | 11.16 -0.33 0.00 N | 13.98 -0.42 0.00 N | 26.12 -0.79 0.00 N | 35.12 -1.09 0.00 N | 15.67 -0.53 -0.04 N | 9.24 -0.41 0.00 N | 65.27 -2.05 0.00 N | 70.75 -2.27 0.00 N | 35.78 -1.15 0.00 N | 40.30 -1.34 0.00 N | 28.88 -0.91 0.00 N | 42.11 -1.31 0.00 N | 41.35 -1.31 0.00 N | 38.83 -1.24 0.00 N | 39.50 -1.30 0.00 N | 39.45 -1.31 0.00 N | 110.69 -3.64 -0.92 N | 41.16 -1.36 -0.31 N | 33.60 -1.07 -1.50 N | 197.17 -6.50 0.00 N | 37.87 -1.22 0.00 N | 29.29 -0.93 -0.67 N | 22.24 -0.64 -1.49 N |
| SITHE_IND_GS2 24170 | 10.28 -0.29 0.00 N | 11.16 -0.33 0.00 N | 13.98 -0.42 0.00 N | 26.12 -0.79 0.00 N | 35.12 -1.09 0.00 N | 15.67 -0.53 -0.04 N | 9.24 -0.41 0.00 N | 65.27 -2.05 0.00 N | 70.75 -2.27 0.00 N | 35.78 -1.15 0.00 N | 40.30 -1.34 0.00 N | 28.88 -0.91 0.00 N | 42.11 -1.31 0.00 N | 41.35 -1.31 0.00 N | 38.83 -1.24 0.00 N | 39.50 -1.30 0.00 N | 39.45 -1.31 0.00 N | 110.69 -3.64 -0.92 N | 41.16 -1.36 -0.31 N | 33.60 -1.07 -1.50 N | 197.17 -6.50 0.00 N | 37.87 -1.22 0.00 N | 29.29 -0.93 -0.67 N | 22.24 -0.64 -1.49 N |

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| SITHE_IND_GS3 24171 | 10.28 -0.29 0.00 N | 11.16 -0.33 0.00 N | 13.98 -0.42 0.00 N | 26.12 -0.79 0.00 N | 35.12 -1.09 0.00 N | 15.67 -0.53 -0.04 N | 9.24 -0.41 0.00 N | 65.27 -2.05 0.00 N | 70.75 -2.27 0.00 N | 35.78 -1.15 0.00 N | 40.30 -1.34 0.00 N | 28.88 -0.91 0.00 N | 42.11 -1.31 0.00 N | 41.35 -1.31 0.00 N | 38.83 -1.24 0.00 N | 39.50 -1.30 0.00 N | 39.45 -1.31 0.00 N | 110.69 -3.64 -0.92 N | 41.16 -1.36 -0.31 N | 33.60 -1.07 -1.50 N | 197.17 -6.50 0.00 N | 37.87 -1.22 0.00 N | 29.29 -0.93 -0.67 N | 22.24 -0.64 -1.49 N |
| SITHE_IND_GS4 24172 | 10.28 -0.29 0.00 N | 11.16 -0.33 0.00 N | 13.98 -0.42 0.00 N | 26.12 -0.79 0.00 N | 35.12 -1.09 0.00 N | 15.67 -0.53 -0.04 N | 9.24 -0.41 0.00 N | 65.27 -2.05 0.00 N | 70.75 -2.27 0.00 N | 35.78 -1.15 0.00 N | 40.30 -1.34 0.00 N | 28.88 -0.91 0.00 N | 42.11 -1.31 0.00 N | 41.35 -1.31 0.00 N | 38.83 -1.24 0.00 N | 39.50 -1.30 0.00 N | 39.45 -1.31 0.00 N | 110.69 -3.64 -0.92 N | 41.16 -1.36 -0.31 N | 33.60 -1.07 -1.50 N | 197.17 -6.50 0.00 N | 37.87 -1.22 0.00 N | 29.29 -0.93 -0.67 N | 22.24 -0.64 -1.49 N |
| SITHE___BATAVIA 24024 | 10.38 -0.18 0.00 N | 11.19 -0.30 0.00 N | 13.94 -0.46 0.00 N | 25.96 -0.95 0.00 N | 34.82 -1.39 0.00 N | 15.23 -1.00 -0.08 N | 8.03 -1.62 0.00 N | 63.33 -3.98 0.00 N | 68.23 -4.80 0.00 N | 34.54 -2.39 0.00 N | 38.83 -2.81 0.00 N | 27.92 -1.88 0.00 N | 40.67 -2.75 0.00 N | 39.83 -2.83 0.00 N | 37.33 -2.74 0.00 N | 37.73 -3.07 0.00 N | 37.69 -3.06 0.00 N | 106.34 -8.79 -1.73 N | 39.55 -3.25 -0.59 N | 33.44 -2.53 -2.80 N | 187.93 -15.74 0.00 N | 36.35 -2.74 0.00 N | 29.05 -1.76 -1.25 N | 23.34 -0.81 -2.77 N |
| SITHE___INDEPEND 23800 | 10.28 -0.29 0.00 N | 11.16 -0.33 0.00 N | 13.98 -0.42 0.00 N | 26.12 -0.79 0.00 N | 35.12 -1.09 0.00 N | 15.67 -0.53 -0.04 N | 9.24 -0.41 0.00 N | 65.27 -2.05 0.00 N | 70.75 -2.27 0.00 N | 35.78 -1.15 0.00 N | 40.30 -1.34 0.00 N | 28.88 -0.91 0.00 N | 42.11 -1.31 0.00 N | 41.35 -1.31 0.00 N | 38.83 -1.24 0.00 N | 39.50 -1.30 0.00 N | 39.45 -1.31 0.00 N | 110.69 -3.64 -0.92 N | 41.16 -1.36 -0.31 N | 33.60 -1.07 -1.50 N | 197.17 -6.50 0.00 N | 37.87 -1.22 0.00 N | 29.29 -0.93 -0.67 N | 22.24 -0.64 -1.49 N |
| SITHE___MASSENA 23902 | 9.34 -1.23 0.00 N | 10.13 -1.37 0.00 N | 12.60 -1.80 0.00 N | 23.53 -3.37 0.00 N | 33.06 -3.15 0.00 N | 15.01 -1.12 0.03 N | 8.45 -1.21 0.00 N | 59.56 -7.76 0.00 N | 63.55 -9.47 0.00 N | 31.56 -5.37 0.00 N | 36.42 -5.23 0.00 N | 25.73 -4.07 0.00 N | 35.95 -7.47 0.00 N | 35.27 -7.38 0.00 N | 31.36 -8.71 0.00 N | 32.64 -8.17 0.00 N | 32.77 -7.99 0.00 N | 91.98 -20.69 0.74 N | 33.90 -8.06 0.25 N | 25.72 -6.24 1.20 N | 164.53 -39.14 0.00 N | 31.74 -7.35 0.00 N | 23.19 -5.84 0.52 N | 16.80 -3.42 1.16 N |
| SITHE___OGDNSBRG 24021 | 9.37 -1.21 0.00 N | 10.13 -1.36 0.00 N | 12.60 -1.80 0.00 N | 23.54 -3.36 0.00 N | 33.12 -3.10 0.00 N | 15.05 -1.08 0.03 N | 8.56 -1.10 0.00 N | 59.84 -7.47 0.00 N | 63.93 -9.10 0.00 N | 31.73 -5.20 0.00 N | 36.67 -4.97 0.00 N | 25.88 -3.91 0.00 N | 36.04 -7.38 0.00 N | 35.37 -7.29 0.00 N | 31.43 -8.64 0.00 N | 32.73 -8.07 0.00 N | 32.87 -7.89 0.00 N | 92.48 -20.28 0.64 N | 34.06 -7.94 0.22 N | 25.99 -6.14 1.05 N | 165.47 -38.20 0.00 N | 31.90 -7.20 0.00 N | 23.31 -5.78 0.45 N | 17.01 -3.38 1.00 N |
| SITHE___STERLING 23777 | 10.74 0.17 0.00 N | 11.64 0.15 0.00 N | 14.56 0.16 0.00 N | 27.23 0.32 0.00 N | 36.68 0.47 0.00 N | 16.42 0.25 -0.02 N | 9.89 0.23 0.00 N | 68.72 1.40 0.00 N | 74.51 1.49 0.00 N | 37.67 0.74 0.00 N | 42.48 0.85 0.00 N | 30.39 0.59 0.00 N | 44.26 0.84 0.00 N | 43.48 0.82 0.00 N | 40.75 0.68 0.00 N | 41.50 0.70 0.00 N | 41.45 0.70 0.00 N | 115.36 1.96 0.00 N | 42.89 0.67 0.00 N | 33.68 0.51 0.00 N | 207.31 3.64 0.00 N | 39.74 0.65 0.00 N | 30.13 0.31 -0.27 N | 22.15 0.17 -0.59 N |
| SOUTH CAIRO___GT 23612 | 11.21 0.64 0.00 N | 12.20 0.71 0.00 N | 15.29 0.89 0.00 N | 28.56 1.66 0.00 N | 38.43 2.22 0.00 N | 18.04 1.08 -0.81 N | 10.51 0.86 0.00 N | 71.76 4.45 0.00 N | 77.95 4.92 0.00 N | 39.44 2.52 0.00 N | 44.54 2.90 0.00 N | 31.80 2.00 0.00 N | 46.34 2.92 0.00 N | 45.55 2.89 0.00 N | 42.86 2.79 0.00 N | 43.65 2.85 0.00 N | 43.54 2.78 0.00 N | 137.77 7.75 -16.61 N | 50.79 2.94 -5.64 N | 62.46 2.32 -26.97 N | 218.28 14.61 0.00 N | 41.88 2.77 -0.02 N | 44.07 2.16 -12.36 N | 50.50 1.44 -27.68 N |
| SOUTH HAMPTN___IC 23720 | 124.84 1.42 -112.86 N | 76.24 1.49 -63.27 N | 58.55 1.83 -42.32 N | 58.94 3.40 -28.63 N | 59.71 4.51 -18.98 N | 19.09 2.20 -0.73 N | 11.44 1.79 0.00 N | 148.76 10.50 -70.95 N | 91.76 11.82 -6.91 N | 198.36 6.17 -155.27 N | 108.92 6.80 -60.48 N | 87.11 4.60 -52.71 N | 93.06 6.59 -43.04 N | 97.27 6.45 -48.17 N | 99.30 6.31 -52.92 N | 120.25 6.29 -73.16 N | 83.50 6.42 -36.33 N | 149.00 16.81 -18.78 N | 66.07 6.60 -17.26 N | 74.21 5.10 -35.93 N | 253.23 28.32 -21.24 N | 67.14 5.31 -22.73 N | 60.26 3.88 -26.83 N | 50.52 2.54 -26.60 N |
| SOUTHOLD___IC 23719 | 125.43 2.01 -112.86 N | 76.87 2.12 -63.27 N | 59.34 2.62 -42.32 N | 60.41 4.87 -28.63 N | 61.77 6.58 -18.98 N | 20.02 3.13 -0.73 N | 12.24 2.59 0.00 N | 153.98 15.72 -70.95 N | 97.35 17.41 -6.91 N | 201.16 8.96 -155.27 N | 112.09 9.97 -60.48 N | 89.21 6.71 -52.71 N | 95.88 9.41 -43.04 N | 99.89 9.06 -48.17 N | 101.68 8.69 -52.92 N | 122.31 8.35 -73.16 N | 85.68 8.60 -36.33 N | 155.28 23.10 -18.78 N | 68.65 9.17 -17.26 N | 76.35 7.25 -35.93 N | 263.98 39.07 -21.24 N | 68.49 6.67 -22.73 N | 61.04 4.66 -26.83 N | 51.07 3.09 -26.60 N |
| ST LAWRENCE____ 23600 | 9.19 -1.38 0.00 N | 9.97 -1.51 0.00 N | 12.42 -1.98 0.00 N | 23.18 -3.72 0.00 N | 32.59 -3.62 0.00 N | 14.76 -1.36 0.00 N | 8.36 -1.30 0.00 N | 59.26 -8.06 0.00 N | 63.30 -9.72 0.00 N | 31.42 -5.50 0.00 N | 36.02 -5.62 0.00 N | 25.47 -4.32 0.00 N | 35.90 -7.52 0.00 N | 35.21 -7.45 0.00 N | 31.30 -8.77 0.00 N | 32.46 -8.34 0.00 N | 32.55 -8.20 0.00 N | 90.83 -21.78 0.80 N | 33.49 -8.45 0.27 N | 25.32 -6.55 1.29 N | 162.46 -41.21 0.00 N | 31.36 -7.73 0.00 N | 22.88 -6.11 0.57 N | 16.43 -3.69 1.26 N |
| STATION 5_MISC_HYD 23604 | 10.51 -0.06 0.00 N | 11.28 -0.21 0.00 N | 14.07 -0.33 0.00 N | 26.25 -0.66 0.00 N | 35.28 -0.93 0.00 N | 15.66 -0.57 -0.07 N | 9.02 -0.64 0.00 N | 66.18 -1.13 0.00 N | 71.65 -1.37 0.00 N | 36.36 -0.56 0.00 N | 41.13 -0.51 0.00 N | 29.65 -0.15 0.00 N | 43.33 -0.09 0.00 N | 42.47 -0.19 0.00 N | 39.90 -0.17 0.00 N | 40.47 -0.33 0.00 N | 40.31 -0.45 0.00 N | 113.40 -1.58 -0.54 N | 42.00 -0.75 -2.56 N | 35.07 -0.66 0.00 N | 200.96 -2.71 0.00 N | 38.76 -0.34 0.00 N | 30.39 -0.30 -1.14 N | 23.71 -0.19 -2.52 N |
| STEEL___WIND 323596 | 10.26 -0.30 0.00 N | 11.06 -0.43 0.00 N | 13.76 -0.64 0.00 N | 25.62 -1.28 0.00 N | 34.34 -1.87 0.00 N | 14.99 -1.26 -0.09 N | 7.64 -2.02 0.00 N | 61.58 -5.74 0.00 N | 66.14 -6.88 0.00 N | 33.46 -3.47 0.00 N | 37.58 -4.06 0.00 N | 27.03 -2.76 0.00 N | 39.40 -4.02 0.00 N | 38.59 -4.06 0.00 N | 36.18 -3.88 0.00 N | 36.59 -4.22 0.00 N | 36.56 -4.19 0.00 N | 103.47 -11.87 -1.93 N | 38.53 -4.34 -0.66 N | 32.89 -3.42 -3.14 N | 181.94 -21.73 0.00 N | 35.26 -3.84 0.00 N | 28.53 -2.43 -1.41 N | 23.31 -1.18 -3.11 N |
| STURGEON_POOL_HYD 23609 | 11.35 0.78 0.00 N | 12.42 0.93 0.00 N | 15.56 1.16 0.00 N | 29.04 2.13 0.00 N | 38.99 2.78 0.00 N | 18.21 1.30 -0.74 N | 10.78 1.12 0.00 N | 73.65 6.34 0.00 N | 79.76 6.73 0.00 N | 40.25 3.32 0.00 N | 45.16 3.52 0.00 N | 32.25 2.45 0.00 N | 47.04 3.62 0.00 N | 46.28 3.62 0.00 N | 43.64 3.57 0.00 N | 44.51 3.70 0.00 N | 44.72 3.96 0.00 N | 139.76 10.87 -15.48 N | 51.50 4.03 -5.26 N | 61.45 3.14 -25.14 N | 223.12 19.45 0.00 N | 42.79 3.68 -0.02 N | 43.82 2.79 -11.48 N | 48.67 1.86 -25.43 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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| SYRACUSE___ENERGY_ST1 323597 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N | |
| SYRACUSE___ENERGY_ST2 323598 | 10.62 0.05 0.00 N | 11.52 0.03 0.00 N | 14.40 0.00 0.00 N | 26.90 0.00 0.00 N | 36.12 -0.09 0.00 N | 16.09 -0.13 -0.06 N | 9.55 -0.11 0.00 N | 67.72 0.40 0.00 N | 73.40 0.38 0.00 N | 37.14 0.21 0.00 N | 41.83 0.19 0.00 N | 29.98 0.18 0.00 N | 43.77 0.35 0.00 N | 42.95 0.29 0.00 N | 40.31 0.24 0.00 N | 41.11 0.31 0.00 N | 41.09 0.34 0.00 N | 115.20 0.42 -1.38 N | 42.69 0.01 -0.47 N | 35.43 0.03 -2.23 N | 204.67 1.00 0.00 N | 39.30 0.21 0.00 N | 30.55 0.03 -0.98 N | 23.57 0.03 -2.16 N | |
| SYRACUSE___POWER 24017 | 10.56 -0.01 0.00 N | 11.45 -0.03 0.00 N | 14.33 -0.07 0.00 N | 26.78 -0.13 0.00 N | 35.96 -0.25 0.00 N | 16.03 -0.19 -0.06 N | 9.56 -0.10 0.00 N | 67.42 0.11 0.00 N | 73.15 0.13 0.00 N | 37.02 0.09 0.00 N | 41.69 0.04 0.00 N | 29.86 0.07 0.00 N | 43.60 0.18 0.00 N | 42.80 0.15 0.00 N | 40.18 0.12 0.00 N | 40.90 0.10 0.00 N | 40.84 0.08 0.00 N | 114.85 0.04 -1.40 N | 42.61 -0.08 -0.48 N | 35.38 -0.07 -2.28 N | 203.84 0.17 0.00 N | 39.14 0.05 0.00 N | 30.42 -0.09 -0.97 N | 23.44 -0.08 -2.13 N | |
| Stony___Brook 24151 | 124.63 1.22 -112.86 N | 76.03 1.28 -63.27 N | 58.30 1.59 -42.32 N | 58.48 2.94 -28.63 N | 59.08 3.89 -18.98 N | 18.79 1.90 -0.73 N | 11.10 1.44 0.00 N | 146.69 8.43 -70.95 N | 89.37 9.44 -6.91 N | 197.09 4.89 -155.27 N | 107.31 5.19 -60.48 N | 86.08 3.57 -52.71 N | 91.71 5.25 -43.04 N | 96.04 5.22 -48.17 N | 98.12 5.13 -52.92 N | 119.18 5.22 -73.16 N | 82.39 5.31 -36.33 N | 146.00 13.81 -18.78 N | 64.94 5.47 -17.26 N | 73.28 4.18 -35.93 N | 249.26 24.35 -21.24 N | 66.75 4.93 -22.73 N | 60.14 3.76 -26.83 N | 50.51 2.52 -26.60 N | |
| UNION___PROCESSING_DRP 323587 | 10.29 -0.28 0.00 N | 11.14 -0.34 0.00 N | 13.91 -0.49 0.00 N | 25.92 -0.98 0.00 N | 34.75 -1.47 0.00 N | 15.33 -0.90 -0.07 N | 8.52 -1.14 0.00 N | 63.94 -3.37 0.00 N | 69.12 -3.91 0.00 N | 34.99 -1.94 0.00 N | 39.40 -2.25 0.00 N | 28.30 -1.50 0.00 N | 41.24 -2.19 0.00 N | 40.43 -2.23 0.00 N | 37.93 -2.13 0.00 N | 38.45 -2.35 0.00 N | 38.41 -2.34 0.00 N | 108.26 -6.75 -1.59 N | 40.23 -2.53 -0.54 N | 33.77 -1.99 -2.59 N | 191.63 -12.04 0.00 N | 36.95 -2.15 0.00 N | 29.21 -1.49 -1.16 N | 23.14 -0.80 -2.55 N | |
| UPPER HUDSON___HYD 24058 | 11.02 0.45 0.00 N | 12.04 0.55 0.00 N | 15.14 0.74 0.00 N | 28.32 1.42 0.00 N | 38.18 1.97 0.00 N | 18.14 1.03 -0.95 N | 10.53 0.87 0.00 N | 71.32 4.01 0.00 N | 77.72 4.70 0.00 N | 39.16 2.23 0.00 N | 44.38 2.73 0.00 N | 31.53 1.74 0.00 N | 45.94 2.52 0.00 N | 44.61 1.95 0.00 N | 42.01 1.95 0.00 N | 43.35 2.55 0.00 N | 42.93 2.18 0.00 N | 139.90 6.60 -19.89 N | 51.53 2.56 -6.76 N | 67.71 2.24 -32.30 N | 217.06 13.39 0.00 N | 41.46 2.34 -0.03 N | 46.12 1.85 -14.72 N | 55.10 1.29 -32.43 N | |
| UPPER RAQUET___HYD 24056 | 9.17 -1.40 0.00 N | 9.93 -1.56 0.00 N | 12.35 -2.05 0.00 N | 23.09 -3.81 0.00 N | 32.38 -3.83 0.00 N | 14.74 -1.40 0.02 N | 8.38 -1.28 0.00 N | 58.43 -8.89 0.00 N | 62.38 -10.64 0.00 N | 30.99 -5.94 0.00 N | 35.80 -5.84 0.00 N | 25.32 -4.48 0.00 N | 35.26 -8.16 0.00 N | 34.63 -8.02 0.00 N | 30.87 -9.20 0.00 N | 32.08 -8.72 0.00 N | 32.23 -8.53 0.00 N | 90.83 -22.03 0.55 N | 33.51 -8.52 0.19 N | 25.67 -6.61 0.89 N | 162.77 -40.90 0.00 N | 31.34 -7.75 0.00 N | 22.99 -6.18 0.38 N | 16.84 -3.71 0.84 N | |
| VISCHER___FERRY HYD 24020 | 11.05 0.48 0.00 N | 12.06 0.57 0.00 N | 15.15 0.75 0.00 N | 28.32 1.41 0.00 N | 38.12 1.90 0.00 N | 18.05 0.98 -0.92 N | 10.31 0.65 0.00 N | 70.40 3.09 0.00 N | 76.66 3.64 0.00 N | 38.69 1.76 0.00 N | 43.74 2.09 0.00 N | 31.15 1.36 0.00 N | 45.43 2.01 0.00 N | 44.56 1.90 0.00 N | 41.94 1.87 0.00 N | 42.87 2.06 0.00 N | 42.80 2.04 0.00 N | 138.81 6.10 -19.31 N | 51.06 2.29 -6.56 N | 66.32 1.80 -31.35 N | 214.15 10.48 0.00 N | 40.96 1.85 -0.03 N | 45.33 1.50 -14.28 N | 53.94 1.07 -31.48 N | |
| WADING RIVER_IC_1 23522 | 124.73 1.30 -112.86 N | 76.13 1.37 -63.27 N | 58.42 1.70 -42.32 N | 58.69 3.15 -28.63 N | 59.36 4.17 -18.98 N | 18.92 2.03 -0.73 N | 11.25 1.59 0.00 N | 147.45 9.19 -70.95 N | 90.23 10.29 -6.91 N | 197.55 5.35 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.33 5.87 -43.04 N | 96.64 5.81 -48.17 N | 98.69 5.70 -52.92 N | 119.76 5.80 -73.16 N | 82.96 5.89 -36.33 N | 147.53 15.35 -18.78 N | 65.50 6.02 -17.26 N | 73.74 4.63 -35.93 N | 251.84 26.93 -21.24 N | 67.12 5.30 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N | |
| WADING RIVER_IC_2 23547 | 124.73 1.30 -112.86 N | 76.13 1.37 -63.27 N | 58.42 1.70 -42.32 N | 58.69 3.15 -28.63 N | 59.36 4.17 -18.98 N | 18.92 2.03 -0.73 N | 11.25 1.59 0.00 N | 147.45 9.19 -70.95 N | 90.23 10.29 -6.91 N | 197.55 5.35 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.33 5.87 -43.04 N | 96.64 5.81 -48.17 N | 98.69 5.70 -52.92 N | 119.76 5.80 -73.16 N | 82.96 5.89 -36.33 N | 147.53 15.35 -18.78 N | 65.50 6.02 -17.26 N | 73.74 4.63 -35.93 N | 251.84 26.93 -21.24 N | 67.12 5.30 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N | |
| WADING RIVER_IC_3 23601 | 124.73 1.30 -112.86 N | 76.13 1.37 -63.27 N | 58.42 1.70 -42.32 N | 58.69 3.15 -28.63 N | 59.36 4.17 -18.98 N | 18.92 2.03 -0.73 N | 11.25 1.59 0.00 N | 147.45 9.19 -70.95 N | 90.23 10.29 -6.91 N | 197.55 5.35 -155.27 N | 107.96 5.84 -60.48 N | 86.52 4.02 -52.71 N | 92.33 5.87 -43.04 N | 96.64 5.81 -48.17 N | 98.69 5.70 -52.92 N | 119.76 5.80 -73.16 N | 82.96 5.89 -36.33 N | 147.53 15.35 -18.78 N | 65.50 6.02 -17.26 N | 73.74 4.63 -35.93 N | 251.84 26.93 -21.24 N | 67.12 5.30 -22.73 N | 60.32 3.94 -26.83 N | 50.58 2.59 -26.60 N | |
| WALDEN___HYDRO 24148 | 11.16 0.59 0.00 N | 12.10 0.62 0.00 N | 15.16 0.76 0.00 N | 28.29 1.38 0.00 N | 37.97 1.75 0.00 N | 17.71 0.85 -0.71 N | 10.43 0.78 0.00 N | 71.40 4.08 0.00 N | 77.80 4.78 0.00 N | 39.50 2.57 0.00 N | 44.62 2.97 0.00 N | 31.88 2.08 0.00 N | 46.53 3.11 0.00 N | 45.82 3.16 0.00 N | 43.21 3.14 0.00 N | 43.90 3.10 0.00 N | 43.84 3.09 0.00 N | 136.64 8.41 -14.82 N | 50.39 3.14 -5.03 N | 59.65 2.42 -24.06 N | 218.32 14.65 0.00 N | 41.95 2.84 -0.02 N | 42.68 2.16 -10.97 N | 47.00 1.40 -24.22 N | |
| WARRENSBURG____ 23737 | 10.98 0.41 0.00 N | 12.00 0.51 0.00 N | 15.08 0.68 0.00 N | 28.21 1.30 0.00 N | 38.02 1.81 0.00 N | 18.07 0.97 -0.95 N | 10.49 0.83 0.00 N | 71.05 3.74 0.00 N | 77.50 4.48 0.00 N | 39.03 2.11 0.00 N | 44.24 2.60 0.00 N | 31.43 1.63 0.00 N | 45.77 2.35 0.00 N | 44.44 1.78 0.00 N | 41.68 1.61 0.00 N | 42.93 2.13 0.00 N | 42.66 1.90 0.00 N | 139.26 5.96 -19.89 N | 51.34 2.37 -6.76 N | 67.59 2.12 -32.30 N | 216.26 12.59 0.00 N | 41.34 2.22 -0.03 N | 46.04 1.77 -14.72 N | 55.04 1.23 -32.43 N | |
| WATERSIDE___6 8 9 | 11.31 | 12.27 | 15.35 | 28.64 | 38.44 | 17.93 | 10.63 | 72.53 | 79.03 | 40.23 | 45.36 | 32.44 | 47.32 | 46.61 | 43.98 | 44.74 | 44.72 | 138.93 | 51.26 | 60.77 | 220.93 | 42.60 | 43.39 | 47.83 | |

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|----------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|-------------------------------|-----------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|
| 23538 | 0.74 0.00 N | 0.78 0.00 N | 0.95 0.00 N | 1.73 0.00 N | 2.22 0.00 N | 1.05 -0.72 N | 0.98 0.00 N | 5.21 0.00 N | 6.00 0.00 N | 3.30 0.00 N | 3.72 0.00 N | 2.65 0.00 N | 3.90 0.00 N | 3.95 0.00 N | 3.91 0.00 N | 3.94 0.00 N | 3.97 0.00 N | 10.34 -15.19 N | 3.88 -5.16 N | 2.94 -24.66 N | 17.26 0.00 N | 3.49 -0.02 N | 2.60 -11.24 N | 1.66 -24.79 N |
| WDELAWARE___HYD 323627 | 10.97 0.40 0.00 N | 11.99 0.50 0.00 N | 15.02 0.61 0.00 N | 28.08 1.17 0.00 N | 37.78 1.56 0.00 N | 17.52 0.74 -0.63 N | 10.30 0.64 0.00 N | 70.90 3.59 0.00 N | 76.19 3.17 0.00 N | 37.54 0.61 0.00 N | 42.25 0.60 0.00 N | 30.18 0.38 0.00 N | 44.03 0.61 0.00 N | 43.34 0.68 0.00 N | 40.81 0.74 0.00 N | 41.76 0.96 0.00 N | 42.89 2.13 0.00 N | 132.19 5.66 -13.12 N | 48.82 2.15 -4.46 N | 56.19 1.71 -21.31 N | 214.46 10.79 0.00 N | 41.16 2.05 -0.02 N | 40.79 1.52 -9.72 N | 43.83 0.98 -21.47 N |
| WEST BABYLON___IC 23714 | 124.44 1.02 -112.86 N | 75.82 1.07 -63.27 N | 58.04 1.32 -42.32 N | 57.98 2.44 -28.63 N | 58.37 3.18 -18.98 N | 18.45 1.57 -0.73 N | 10.85 1.20 0.00 N | 144.82 6.56 -70.95 N | 87.49 7.55 -6.91 N | 196.24 4.04 -155.27 N | 106.56 4.44 -60.48 N | 85.54 3.04 -52.71 N | 90.94 4.48 -43.04 N | 95.30 4.48 -48.17 N | 97.40 4.41 -52.92 N | 118.45 4.49 -73.16 N | 81.67 4.59 -36.33 N | 144.08 11.89 -18.78 N | 64.14 4.67 -17.26 N | 72.65 3.55 -35.93 N | 245.17 20.26 -21.24 N | 66.01 4.19 -22.73 N | 59.63 3.25 -26.83 N | 50.14 2.16 -26.60 N |
| WEST CANADA___HYD 24049 | 10.55 -0.02 0.00 N | 11.46 -0.02 0.00 N | 14.37 -0.02 0.00 N | 26.87 -0.04 0.00 N | 36.20 -0.01 0.00 N | 16.14 0.00 0.02 N | 9.68 0.02 0.00 N | 67.31 -0.01 0.00 N | 73.02 0.00 0.00 N | 36.90 -0.03 0.00 N | 41.63 -0.01 0.00 N | 29.77 -0.03 0.00 N | 43.36 -0.06 0.00 N | 42.60 -0.05 0.00 N | 39.98 -0.09 0.00 N | 40.72 -0.08 0.00 N | 40.67 -0.08 0.00 N | 112.69 -0.25 0.47 N | 41.96 -0.09 0.16 N | 32.34 -0.07 0.76 N | 203.33 -0.34 0.00 N | 39.00 -0.09 0.00 N | 29.13 -0.10 0.32 N | 20.60 -0.07 0.71 N |
| WESTERN_NY_WIND 24143 | 10.38 -0.19 0.00 N | 11.19 -0.30 0.00 N | 13.93 -0.47 0.00 N | 25.94 -0.96 0.00 N | 34.80 -1.42 0.00 N | 15.23 -1.01 -0.08 N | 8.02 -1.64 0.00 N | 63.26 -4.06 0.00 N | 68.12 -4.90 0.00 N | 34.49 -2.44 0.00 N | 38.77 -2.87 0.00 N | 27.89 -1.91 0.00 N | 40.61 -2.81 0.00 N | 39.78 -2.88 0.00 N | 37.28 -2.78 0.00 N | 37.67 -3.13 0.00 N | 37.64 -3.12 0.00 N | 106.17 -8.98 -1.74 N | 39.50 -3.31 -0.59 N | 33.42 -2.57 -2.82 N | 187.64 -16.03 0.00 N | 36.30 -2.80 0.00 N | 29.02 -1.79 -1.26 N | 23.35 -0.82 -2.79 N |
| WETHRSFD_WT_PWR 323626 | 11.44 0.87 0.00 N | 12.33 0.84 0.00 N | 15.32 0.92 0.00 N | 28.90 1.99 0.00 N | 38.63 2.41 0.00 N | 17.16 0.84 -0.16 N | 10.08 0.42 0.00 N | 71.45 4.14 0.00 N | 77.61 4.59 0.00 N | 39.33 2.40 0.00 N | 43.96 2.32 0.00 N | 31.30 1.51 0.00 N | 46.30 2.88 0.00 N | 45.25 2.60 0.00 N | 42.55 2.48 0.00 N | 43.33 2.52 0.00 N | 42.97 2.22 0.00 N | 123.19 6.34 -3.44 N | 45.76 2.38 -1.17 N | 40.51 1.75 -5.59 N | 215.06 11.39 0.00 N | 41.46 2.37 0.00 N | 33.50 1.46 -2.50 N | 27.73 0.83 -5.51 N |
| YORK___WARBASSE 23770 | 11.36 0.80 0.00 N | 12.32 0.83 0.00 N | 15.41 1.00 0.00 N | 28.73 1.83 0.00 N | 38.56 2.35 0.00 N | 17.99 1.11 -0.72 N | 10.68 1.03 0.00 N | 72.86 5.54 0.00 N | 79.44 6.41 0.00 N | 40.43 3.50 0.00 N | 45.55 3.91 0.00 N | 32.57 2.77 0.00 N | 47.52 4.10 0.00 N | 46.81 4.16 0.00 N | 44.17 4.10 0.00 N | 44.92 4.12 0.00 N | 44.89 4.14 0.00 N | 139.41 10.81 -15.19 N | 51.47 4.10 -5.16 N | 60.95 3.12 -24.66 N | 222.09 18.42 0.00 N | 42.87 3.75 -0.03 N | 43.56 2.78 -11.24 N | 47.95 1.77 -24.79 N |