

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/17/2021

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 37.05 | 29.30 | 29.62 | 48.87 | 25.00 | 72.21 | 37.80 | 45.49 | 43.36 | 40.36 | 34.40 | 54.21 | 44.13 | 41.59 | 23.68 | 26.02 | 57.32 | 77.24 | 55.10 | 40.67 | 43.94 | 38.03 | 29.77 | 23.06 |
| 24138 | 0.29 | 1.30 | 0.70 | 0.49 | 0.86 | -0.21 | -0.08 | 0.18 | 0.70 | 0.56 | 0.16 | -0.27 | 0.75 | 0.47 | 1.25 | 1.16 | 0.29 | -0.34 | 0.28 | 0.55 | -0.24 | 0.54 | 0.86 | 0.98 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.01 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.13 | -32.95 | -47.23 | -30.52 | -18.39 | -10.57 |
| 74TH STREET_GT_1 | 37.05 | 29.27 | 29.62 | 48.86 | 24.98 | 72.22 | 37.81 | 45.49 | 43.36 | 40.37 | 34.40 | 54.22 | 44.13 | 41.59 | 23.66 | 26.00 | 57.33 | 77.25 | 55.11 | 40.68 | 43.94 | 38.03 | 29.77 | 23.05 |
| 24260 | 0.29 | 1.28 | 0.69 | 0.48 | 0.84 | -0.21 | -0.08 | 0.18 | 0.70 | 0.56 | 0.16 | -0.27 | 0.75 | 0.46 | 1.23 | 1.14 | 0.29 | -0.34 | 0.28 | 0.56 | -0.24 | 0.55 | 0.86 | 0.97 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| 74TH STREET_GT_2 | 37.05 | 29.27 | 29.62 | 48.86 | 24.98 | 72.22 | 37.81 | 45.49 | 43.36 | 40.37 | 34.40 | 54.22 | 44.13 | 41.59 | 23.66 | 26.00 | 57.33 | 77.25 | 55.11 | 40.68 | 43.94 | 38.03 | 29.77 | 23.05 |
| 24261 | 0.29 | 1.28 | 0.69 | 0.48 | 0.84 | -0.21 | -0.08 | 0.18 | 0.70 | 0.56 | 0.16 | -0.27 | 0.75 | 0.46 | 1.23 | 1.14 | 0.29 | -0.34 | 0.28 | 0.56 | -0.24 | 0.55 | 0.86 | 0.97 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| ADK HUDSON___FALLS | 50.93 | 33.52 | 37.78 | 66.47 | 30.16 | 103.89 | 54.90 | 64.95 | 58.54 | 55.21 | 49.05 | 80.37 | 59.62 | 57.74 | 27.14 | 30.82 | 79.80 | 111.47 | 76.58 | 54.61 | 63.67 | 50.90 | 37.51 | 27.40 |
| 24011 | 0.28 | 1.32 | 0.74 | 0.48 | 0.88 | -0.29 | -0.10 | 0.19 | 0.84 | 0.68 | 0.18 | -0.30 | 0.92 | 0.47 | 1.16 | 1.17 | 0.31 | -0.40 | 0.35 | 0.69 | -0.27 | 0.64 | 0.90 | 0.90 |
| | -47.09 | -14.27 | -27.53 | -59.68 | -17.40 | -107.61 | -56.13 | -62.42 | -48.29 | -47.28 | -46.94 | -84.04 | -49.20 | -51.85 | -11.79 | -16.23 | -76.09 | -116.20 | -72.54 | -46.75 | -67.00 | -43.30 | -26.08 | -15.00 |
| ADK RESOURCE___RCVRY | 50.99 | 33.62 | 37.85 | 66.55 | 30.24 | 103.96 | 54.95 | 65.03 | 58.66 | 55.31 | 49.11 | 80.46 | 59.73 | 57.82 | 27.21 | 30.91 | 79.89 | 111.54 | 76.67 | 54.70 | 63.72 | 50.99 | 37.60 | 27.48 |
| 23798 | 0.30 | 1.40 | 0.78 | 0.51 | 0.95 | -0.31 | -0.10 | 0.21 | 0.90 | 0.72 | 0.19 | -0.31 | 0.97 | 0.48 | 1.21 | 1.25 | 0.33 | -0.44 | 0.37 | 0.74 | -0.29 | 0.70 | 0.97 | 0.97 |
| | -47.14 | -14.29 | -27.55 | -59.73 | -17.41 | -107.71 | -56.19 | -62.49 | -48.34 | -47.34 | -46.99 | -84.13 | -49.26 | -51.91 | -11.80 | -16.24 | -76.16 | -116.30 | -72.61 | -46.79 | -67.06 | -43.34 | -26.11 | -15.02 |
| ADK S GLENS___FALLS | 50.93 | 33.52 | 37.78 | 66.47 | 30.16 | 103.89 | 54.90 | 64.95 | 58.54 | 55.21 | 49.05 | 80.37 | 59.62 | 57.74 | 27.14 | 30.82 | 79.80 | 111.47 | 76.58 | 54.61 | 63.67 | 50.90 | 37.51 | 27.40 |
| 24028 | 0.28 | 1.32 | 0.74 | 0.48 | 0.88 | -0.29 | -0.10 | 0.19 | 0.84 | 0.68 | 0.18 | -0.30 | 0.92 | 0.47 | 1.16 | 1.17 | 0.31 | -0.40 | 0.35 | 0.69 | -0.27 | 0.64 | 0.90 | 0.90 |
| | -47.09 | -14.27 | -27.53 | -59.68 | -17.40 | -107.61 | -56.13 | -62.42 | -48.29 | -47.28 | -46.94 | -84.04 | -49.20 | -51.85 | -11.79 | -16.23 | -76.09 | -116.20 | -72.54 | -46.75 | -67.00 | -43.30 | -26.08 | -15.00 |
| ADK_NYS___DAM | 48.35 | 32.45 | 36.12 | 63.13 | 29.03 | 98.22 | 51.64 | 61.04 | 55.38 | 52.13 | 46.11 | 75.20 | 56.40 | 54.45 | 26.25 | 29.66 | 75.65 | 105.34 | 72.61 | 51.94 | 60.14 | 48.44 | 35.94 | 26.44 |
| 23527 | 0.22 | 1.01 | 0.55 | 0.34 | 0.69 | -0.20 | -0.07 | 0.15 | 0.66 | 0.52 | 0.15 | -0.26 | 0.73 | 0.38 | 0.93 | 0.89 | 0.23 | -0.31 | 0.26 | 0.52 | -0.22 | 0.50 | 0.73 | 0.74 |
| | -44.57 | -13.51 | -26.05 | -56.48 | -16.47 | -101.85 | -52.85 | -58.55 | -45.30 | -44.36 | -44.03 | -78.84 | -46.15 | -48.64 | -11.12 | -15.35 | -72.02 | -109.98 | -68.66 | -44.25 | -63.41 | -40.98 | -24.69 | -14.20 |
| AIR_PRODUCTS___DRP | 47.19 | 31.76 | 35.29 | 61.66 | 28.38 | 95.83 | 50.39 | 59.54 | 53.93 | 50.79 | 44.96 | 73.43 | 54.90 | 53.09 | 25.54 | 28.85 | 73.78 | 102.82 | 70.80 | 50.58 | 58.71 | 47.17 | 34.95 | 25.73 |
| 24190 | 0.14 | 0.65 | 0.36 | 0.25 | 0.44 | -0.11 | -0.04 | 0.07 | 0.31 | 0.25 | 0.07 | -0.12 | 0.35 | 0.19 | 0.49 | 0.44 | 0.11 | -0.15 | 0.12 | 0.24 | -0.10 | 0.23 | 0.35 | 0.38 |
| | -43.48 | -13.18 | -25.42 | -55.11 | -16.06 | -99.37 | -51.57 | -57.13 | -44.20 | -43.28 | -42.96 | -76.92 | -45.04 | -47.46 | -10.86 | -14.98 | -70.26 | -107.30 | -66.98 | -43.16 | -61.86 | -39.98 | -24.09 | -13.85 |
| ALBANY___1 | 47.19 | 31.76 | 35.29 | 61.66 | 28.38 | 95.83 | 50.39 | 59.54 | 53.93 | 50.79 | 44.96 | 73.43 | 54.90 | 53.09 | 25.54 | 28.85 | 73.78 | 102.82 | 70.80 | 50.58 | 58.71 | 47.17 | 34.95 | 25.73 |
| 23571 | 0.14 | 0.65 | 0.36 | 0.25 | 0.44 | -0.11 | -0.04 | 0.07 | 0.31 | 0.25 | 0.07 | -0.12 | 0.35 | 0.19 | 0.49 | 0.44 | 0.11 | -0.15 | 0.12 | 0.24 | -0.10 | 0.23 | 0.35 | 0.38 |
| | -43.48 | -13.18 | -25.42 | -55.11 | -16.06 | -99.37 | -51.57 | -57.13 | -44.20 | -43.28 | -42.96 | -76.92 | -45.04 | -47.46 | -10.86 | -14.98 | -70.26 | -107.30 | -66.98 | -43.16 | -61.86 | -39.98 | -24.09 | -13.85 |
| ALBANY___2 | 47.19 | 31.76 | 35.29 | 61.66 | 28.38 | 95.83 | 50.39 | 59.54 | 53.93 | 50.79 | 44.96 | 73.43 | 54.90 | 53.09 | 25.54 | 28.85 | 73.78 | 102.82 | 70.80 | 50.58 | 58.71 | 47.17 | 34.95 | 25.73 |
| 23572 | 0.14 | 0.65 | 0.36 | 0.25 | 0.44 | -0.11 | -0.04 | 0.07 | 0.31 | 0.25 | 0.07 | -0.12 | 0.35 | 0.19 | 0.49 | 0.44 | 0.11 | -0.15 | 0.12 | 0.24 | -0.10 | 0.23 | 0.35 | 0.38 |
| | -43.48 | -13.18 | -25.42 | -55.11 | -16.06 | -99.37 | -51.57 | -57.13 | -44.20 | -43.28 | -42.96 | -76.92 | -45.04 | -47.46 | -10.86 | -14.98 | -70.26 | -107.30 | -66.98 | -43.16 | -61.86 | -39.98 | -24.09 | -13.85 |
| ALBANY___3 | 47.19 | 31.76 | 35.29 | 61.66 | 28.38 | 95.83 | 50.39 | 59.54 | 53.93 | 50.79 | 44.96 | 73.43 | 54.90 | 53.09 | 25.54 | 28.85 | 73.78 | 102.82 | 70.80 | 50.58 | 58.71 | 47.17 | 34.95 | 25.73 |
| 23573 | 0.14 | 0.65 | 0.36 | 0.25 | 0.44 | -0.11 | -0.04 | 0.07 | 0.31 | 0.25 | 0.07 | -0.12 | 0.35 | 0.19 | 0.49 | 0.44 | 0.11 | -0.15 | 0.12 | 0.24 | -0.10 | 0.23 | 0.35 | 0.38 |
| | -43.48 | -13.18 | -25.42 | -55.11 | -16.06 | -99.37 | -51.57 | -57.13 | -44.20 | -43.28 | -42.96 | -76.92 | -45.04 | -47.46 | -10.86 | -14.98 | -70.26 | -107.30 | -66.98 | -43.16 | -61.86 | -39.98 | -24.09 | -13.85 |
| ALBANY___4 | 47.19 | 31.76 | 35.29 | 61.66 | 28.38 | 95.83 | 50.39 | 59.54 | 53.93 | 50.79 | 44.96 | 73.43 | 54.90 | 53.09 | 25.54 | 28.85 | 73.78 | 102.82 | 70.80 | 50.58 | 58.71 | 47.17 | 34.95 | 25.73 |
| 23574 | 0.14 | 0.65 | 0.36 | 0.25 | 0.44 | -0.11 | -0.04 | 0.07 | 0.31 | 0.25 | 0.07 | -0.12 | 0.35 | 0.19 | 0.49 | 0.44 | 0.11 | -0.15 | 0.12 | 0.24 | -0.10 | 0.23 | 0.35 | 0.38 |
| | -43.48 | -13.18 | -25.42 | -55.11 | -16.06 | -99.37 | -51.57 | -57.13 | -44.20 | -43.28 | -42.96 | -76.92 | -45.04 | -47.46 | -10.86 | -14.98 | -70.26 | -107.30 | -66.98 | -43.16 | -61.86 | -39.98 | -24.09 | -13.85 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 48.38 0.18 -44.64 | 32.29 0.83 -13.53 | 36.06 0.46 -26.09 | 63.18 0.31 -56.56 | 28.92 0.56 -16.49 | 98.42 -0.15 -102.00 | 51.83 -0.05 -53.02 | 61.25 0.10 -58.81 | 55.35 0.44 -45.50 | 52.16 0.35 -44.55 | 46.25 0.10 -44.23 | 75.64 -0.18 -79.18 | 56.36 0.49 -46.36 | 54.55 0.27 -48.85 | 26.03 0.68 -11.16 | 29.43 0.63 -15.38 | 75.68 0.16 -72.12 | 105.59 -0.22 -110.14 | 72.62 0.18 -68.76 | 51.83 0.35 -44.31 | 60.30 -0.15 -63.50 | 48.33 0.33 -41.04 | 35.73 0.49 -24.72 | 26.24 0.52 -14.22 |
| ALCOA_RYNLDS___DRP 24188 | 3.45 -0.11 0.00 | 17.57 -0.36 0.00 | 9.33 -0.18 0.00 | 6.21 -0.10 0.00 | 11.64 -0.23 0.00 | -3.36 0.07 0.00 | -1.11 0.03 0.00 | 2.26 -0.08 0.00 | 9.09 -0.32 0.00 | 7.00 -0.26 0.00 | 1.85 -0.08 0.00 | -3.21 0.15 0.00 | 9.16 -0.35 0.00 | 5.23 -0.20 0.00 | 13.71 -0.48 0.00 | 12.97 -0.45 0.00 | 3.27 -0.13 0.00 | -4.17 0.16 0.00 | 3.58 -0.11 0.00 | 6.94 -0.23 0.00 | -2.95 0.10 0.00 | 6.75 -0.21 0.00 | 10.21 -0.31 0.00 | 11.19 -0.31 0.00 |
| ALCOA___DSASP 323711 | 3.45 -0.11 0.00 | 17.57 -0.36 0.00 | 9.33 -0.18 0.00 | 6.21 -0.10 0.00 | 11.64 -0.23 0.00 | -3.36 0.07 0.00 | -1.11 0.03 0.00 | 2.26 -0.08 0.00 | 9.09 -0.32 0.00 | 7.00 -0.26 0.00 | 1.85 -0.08 0.00 | -3.21 0.15 0.00 | 9.16 -0.35 0.00 | 5.23 -0.20 0.00 | 13.71 -0.48 0.00 | 12.97 -0.45 0.00 | 3.27 -0.13 0.00 | -4.17 0.16 0.00 | 3.58 -0.11 0.00 | 6.94 -0.23 0.00 | -2.95 0.10 0.00 | 6.75 -0.21 0.00 | 10.21 -0.31 0.00 | 11.19 -0.31 0.00 |
| ALLEGHENY___COGEN 23514 | 9.55 0.18 -5.82 | 20.40 0.71 -1.76 | 13.26 0.35 -3.40 | 13.88 0.20 -7.37 | 14.50 0.48 -2.15 | 9.66 -0.19 -13.29 | 5.64 -0.06 -6.84 | 10.04 0.16 -7.54 | 15.97 0.72 -5.83 | 13.50 0.54 -5.71 | 7.72 0.13 -5.67 | 6.50 -0.28 -10.15 | 16.18 0.73 -5.94 | 12.04 0.35 -6.26 | 16.56 0.92 -1.44 | 16.25 0.83 -2.00 | 13.00 0.21 -9.40 | 9.72 -0.30 -14.35 | 12.86 0.21 -8.96 | 13.40 0.46 -5.77 | 5.00 -0.22 -8.27 | 12.73 0.43 -5.35 | 14.34 0.60 -3.22 | 13.91 0.56 -1.85 |
| ALTONA_WT_PWR 323606 | 3.49 -0.07 0.00 | 17.81 -0.13 0.00 | 9.46 -0.05 0.00 | 6.29 -0.03 0.00 | 11.79 -0.09 0.00 | -3.41 0.02 0.00 | -1.12 0.01 0.00 | 2.28 -0.06 0.00 | 9.24 -0.18 0.00 | 7.12 -0.14 0.00 | 1.90 -0.03 0.00 | -3.27 0.10 0.00 | 9.24 -0.27 0.00 | 5.30 -0.13 0.00 | 13.90 -0.29 0.00 | 13.15 -0.27 0.00 | 3.32 -0.08 0.00 | -4.23 0.09 0.00 | 3.63 -0.06 0.00 | 7.06 -0.11 0.00 | -3.00 0.05 0.00 | 6.85 -0.10 0.00 | 10.37 -0.15 0.00 | 11.35 -0.15 0.00 |
| AMERICAN_REF_FUEL 24010 | 8.73 -0.11 -5.27 | 18.73 -0.80 -1.60 | 12.16 -0.43 -3.08 | 12.67 -0.32 -6.68 | 13.32 -0.50 -1.95 | 8.67 0.06 -12.04 | 5.08 0.02 -6.20 | 9.16 0.00 -6.83 | 14.70 0.00 -5.29 | 12.39 -0.04 -5.18 | 7.03 -0.04 -5.14 | 5.79 -0.04 -9.20 | 14.98 0.08 -5.38 | 11.05 -0.05 -5.67 | 15.31 -0.19 -1.31 | 14.97 -0.27 -1.82 | 11.85 -0.06 -8.52 | 8.72 0.04 -13.00 | 11.68 -0.13 -8.12 | 12.22 -0.18 -5.23 | 4.48 0.03 -7.50 | 11.63 -0.17 -4.84 | 13.18 -0.26 -2.92 | 12.85 -0.33 -1.68 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 9.59 0.16 -5.88 | 20.24 0.53 -1.78 | 13.23 0.28 -3.44 | 13.90 0.15 -7.45 | 14.46 0.41 -2.17 | 9.79 -0.20 -13.43 | 5.71 -0.07 -6.91 | 10.10 0.14 -7.62 | 16.06 0.75 -5.89 | 13.61 0.59 -5.77 | 7.79 0.13 -5.73 | 6.55 -0.34 -10.26 | 16.36 0.85 -6.00 | 12.15 0.39 -6.33 | 16.54 0.89 -1.46 | 16.15 0.70 -2.02 | 13.08 0.19 -9.50 | 9.91 -0.26 -14.50 | 12.89 0.15 -9.05 | 13.36 0.35 -5.83 | 5.10 -0.21 -8.36 | 12.69 0.33 -5.41 | 14.24 0.47 -3.26 | 13.79 0.42 -1.87 |
| ARTHUR_KILL_GT_1 23520 | 37.01 0.25 -33.20 | 29.08 1.08 -10.06 | 29.51 0.59 -19.40 | 48.81 0.43 -42.07 | 24.88 0.74 -12.26 | 72.27 -0.16 -75.86 | 37.82 -0.07 -39.02 | 45.46 0.15 -42.97 | 43.25 0.60 -33.24 | 40.27 0.47 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 43.98 0.60 -33.87 | 41.52 0.40 -35.69 | 23.51 1.08 -8.23 | 25.84 0.99 -11.44 | 57.29 0.25 -53.64 | 77.30 -0.29 -81.91 | 55.06 0.23 -51.14 | 40.60 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.95 0.47 -30.53 | 29.67 0.76 -18.39 | 22.94 0.86 -10.57 |
| ARTHUR_KILL_2 23512 | 37.00 0.24 -33.20 | 29.03 1.03 -10.06 | 29.49 0.57 -19.40 | 48.79 0.41 -42.07 | 24.85 0.71 -12.26 | 72.28 -0.15 -75.86 | 37.82 -0.06 -39.02 | 45.44 0.14 -42.97 | 43.23 0.57 -33.24 | 40.25 0.45 -32.55 | 34.37 0.13 -32.31 | 54.27 -0.21 -57.85 | 43.96 0.58 -33.87 | 41.51 0.38 -35.69 | 23.47 1.04 -8.23 | 25.81 0.95 -11.44 | 57.28 0.24 -53.64 | 77.31 -0.28 -81.91 | 55.05 0.22 -51.14 | 40.58 0.45 -32.95 | 43.98 -0.20 -47.23 | 37.94 0.45 -30.53 | 29.64 0.73 -18.39 | 22.91 0.84 -10.57 |
| ARTHUR_KILL_3 23513 | 37.01 0.25 -33.20 | 29.09 1.09 -10.06 | 29.52 0.60 -19.40 | 48.81 0.43 -42.07 | 24.87 0.73 -12.26 | 72.26 -0.17 -75.86 | 37.82 -0.07 -39.02 | 45.46 0.16 -42.97 | 43.25 0.59 -33.24 | 40.28 0.48 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 44.01 0.63 -33.87 | 41.52 0.40 -35.69 | 23.50 1.08 -8.23 | 25.84 0.99 -11.44 | 57.28 0.25 -53.64 | 77.30 -0.28 -81.91 | 55.06 0.24 -51.14 | 40.60 0.47 -32.95 | 43.97 -0.21 -47.23 | 37.95 0.47 -30.52 | 29.65 0.75 -18.39 | 22.93 0.86 -10.57 |
| ARTHUR_KILL_COGEN 323718 | 37.01 0.25 -33.20 | 29.08 1.08 -10.06 | 29.51 0.59 -19.40 | 48.81 0.43 -42.07 | 24.88 0.74 -12.26 | 72.27 -0.16 -75.86 | 37.82 -0.07 -39.02 | 45.46 0.15 -42.97 | 43.25 0.60 -33.24 | 40.27 0.47 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 43.98 0.60 -33.87 | 41.52 0.40 -35.69 | 23.51 1.08 -8.23 | 25.84 0.99 -11.44 | 57.29 0.25 -53.64 | 77.30 -0.29 -81.91 | 55.06 0.23 -51.14 | 40.60 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.95 0.47 -30.53 | 29.67 0.76 -18.39 | 22.94 0.86 -10.57 |
| ASHOKAN____ 23654 | 39.38 0.23 -35.59 | 29.74 1.03 -10.78 | 30.86 0.55 -20.80 | 51.77 0.37 -45.10 | 25.69 0.67 -13.15 | 77.70 -0.18 -81.31 | 40.64 -0.07 -41.84 | 48.59 0.16 -46.09 | 45.72 0.65 -35.65 | 42.67 0.50 -34.91 | 36.72 0.14 -34.66 | 58.46 -0.23 -62.05 | 46.49 0.65 -36.33 | 44.10 0.38 -38.28 | 24.03 1.00 -8.83 | 26.63 0.96 -12.26 | 61.14 0.25 -57.50 | 83.16 -0.32 -87.80 | 58.77 0.27 -54.81 | 43.04 0.55 -35.32 | 47.34 -0.24 -50.62 | 40.19 0.51 -32.72 | 30.97 0.74 -19.71 | 23.61 0.77 -11.33 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 37.01 0.25 -33.20 | 29.11 1.11 -10.06 | 29.53 0.61 -19.40 | 48.83 0.45 -42.07 | 24.89 0.75 -12.26 | 72.29 -0.13 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.62 -33.24 | 40.29 0.49 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.23 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.56 1.13 -8.23 | 25.87 1.02 -11.44 | 57.29 0.26 -53.64 | 77.30 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.49 -32.95 | 43.95 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 37.01 0.25 -33.20 | 29.11 1.11 -10.06 | 29.53 0.61 -19.40 | 48.83 0.45 -42.07 | 24.89 0.75 -12.26 | 72.29 -0.13 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.62 -33.24 | 40.29 0.49 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.23 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.56 1.13 -8.23 | 25.87 1.02 -11.44 | 57.29 0.26 -53.64 | 77.30 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.49 -32.95 | 43.95 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| ASTORIA_GT2_I 24094 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_2 24095 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT2_3 24096 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT2_4 24097 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT3_1 24098 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT3_2 24099 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT3_3 24100 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT3_4 24101 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT4_1 24102 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT4_2 24103 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT4_3 24104 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT4_4 24105 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA_GT_1 23523 | 37.02 0.26 -33.20 | 29.15 1.15 -10.06 | 29.55 0.63 -19.40 | 48.85 0.46 -42.07 | 24.91 0.78 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.30 0.65 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.56 0.44 -35.69 | 23.59 1.17 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.09 0.26 -51.14 | 40.64 0.51 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.75 0.84 -18.39 | 23.03 0.95 -10.57 |
| ASTORIA_GT_10 24110 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| ASTORIA_GT_11 24225 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| ASTORIA_GT_12 24226 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_13 24227 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| ASTORIA_GT_5 24106 | 37.02 0.26 -33.20 | 29.15 1.15 -10.06 | 29.55 0.63 -19.40 | 48.85 0.46 -42.07 | 24.91 0.78 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.30 0.65 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.56 0.44 -35.69 | 23.59 1.17 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.09 0.26 -51.14 | 40.64 0.51 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.75 0.84 -18.39 | 23.03 0.95 -10.57 |
| ASTORIA_GT_7 24107 | 37.02 0.26 -33.20 | 29.15 1.15 -10.06 | 29.55 0.63 -19.40 | 48.85 0.46 -42.07 | 24.91 0.78 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.30 0.65 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.56 0.44 -35.69 | 23.59 1.17 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.09 0.26 -51.14 | 40.64 0.51 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.75 0.84 -18.39 | 23.03 0.95 -10.57 |
| ASTORIA_GT_8 24108 | 37.02 0.26 -33.20 | 29.15 1.15 -10.06 | 29.55 0.63 -19.40 | 48.85 0.46 -42.07 | 24.91 0.78 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.30 0.65 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.56 0.44 -35.69 | 23.59 1.17 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.09 0.26 -51.14 | 40.64 0.51 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.75 0.84 -18.39 | 23.03 0.95 -10.57 |
| ASTORIA___2 24149 | 37.02 0.26 -33.20 | 29.12 1.13 -10.06 | 29.54 0.62 -19.40 | 48.84 0.46 -42.07 | 24.90 0.76 -12.26 | 72.29 -0.14 -75.86 | 37.82 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.65 -33.87 | 41.55 0.43 -35.69 | 23.57 1.14 -8.23 | 25.88 1.03 -11.44 | 57.30 0.26 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.73 0.82 -18.39 | 23.01 0.93 -10.57 |
| ASTORIA___3 23516 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| ASTORIA___4 23517 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| ASTORIA___5 23518 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.92 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| AST_ENERGY_2_CC3 323677 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.66 -33.87 | 41.54 0.41 -35.69 | 23.54 1.11 -8.23 | 25.88 1.02 -11.44 | 57.29 0.25 -53.64 | 77.29 -0.29 -81.91 | 55.07 0.24 -51.14 | 40.61 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.97 0.48 -30.52 | 29.68 0.77 -18.39 | 22.96 0.88 -10.57 |
| AST_ENERGY_2_CC4 323678 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.66 -33.87 | 41.54 0.41 -35.69 | 23.54 1.11 -8.23 | 25.88 1.02 -11.44 | 57.29 0.25 -53.64 | 77.29 -0.29 -81.91 | 55.07 0.24 -51.14 | 40.61 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.97 0.48 -30.52 | 29.68 0.77 -18.39 | 22.96 0.88 -10.57 |
| ATHENS_STG_1 23668 | 40.57 0.18 -36.83 | 29.91 0.81 -11.17 | 31.48 0.44 -21.53 | 53.28 0.29 -46.68 | 26.01 0.53 -13.61 | 80.59 -0.14 -84.17 | 42.08 -0.05 -43.26 | 50.07 0.12 -47.62 | 46.71 0.46 -36.84 | 43.69 0.36 -36.07 | 37.84 0.10 -35.81 | 60.57 -0.17 -64.11 | 47.53 0.48 -37.53 | 45.27 0.28 -39.55 | 24.08 0.75 -9.13 | 26.82 0.71 -12.69 | 63.09 0.18 -59.52 | 86.33 -0.22 -90.88 | 60.61 0.18 -56.74 | 44.09 0.36 -36.56 | 49.20 -0.15 -52.40 | 41.18 0.35 -33.87 | 31.46 0.54 -20.40 | 23.83 0.60 -11.73 |
| ATHENS_STG_2 23670 | 40.57 0.18 -36.83 | 29.91 0.81 -11.17 | 31.48 0.44 -21.53 | 53.28 0.29 -46.68 | 26.01 0.53 -13.61 | 80.59 -0.14 -84.17 | 42.08 -0.05 -43.26 | 50.07 0.12 -47.62 | 46.71 0.46 -36.84 | 43.69 0.36 -36.07 | 37.84 0.10 -35.81 | 60.57 -0.17 -64.11 | 47.53 0.48 -37.53 | 45.27 0.28 -39.55 | 24.08 0.75 -9.13 | 26.82 0.71 -12.69 | 63.09 0.18 -59.52 | 86.33 -0.22 -90.88 | 60.61 0.18 -56.74 | 44.09 0.36 -36.56 | 49.20 -0.15 -52.40 | 41.18 0.35 -33.87 | 31.46 0.54 -20.40 | 23.83 0.60 -11.73 |
| ATHENS_STG_3 23677 | 40.57 0.18 -36.83 | 29.91 0.81 -11.17 | 31.48 0.44 -21.53 | 53.28 0.29 -46.68 | 26.01 0.53 -13.61 | 80.59 -0.14 -84.17 | 42.08 -0.05 -43.26 | 50.07 0.12 -47.62 | 46.71 0.46 -36.84 | 43.69 0.36 -36.07 | 37.84 0.10 -35.81 | 60.57 -0.17 -64.11 | 47.53 0.48 -37.53 | 45.27 0.28 -39.55 | 24.08 0.75 -9.13 | 26.82 0.71 -12.69 | 63.09 0.18 -59.52 | 86.33 -0.22 -90.88 | 60.61 0.18 -56.74 | 44.09 0.36 -36.56 | 49.20 -0.15 -52.40 | 41.18 0.35 -33.87 | 31.46 0.54 -20.40 | 23.83 0.60 -11.73 |
| AUBURN___LFGE 323710 | 7.94 0.06 -4.32 | 19.50 0.26 -1.31 | 12.17 0.12 -2.52 | 11.85 0.07 -5.47 | 13.66 0.19 -1.60 | 6.37 -0.07 -9.87 | 3.92 -0.03 -5.08 | 8.00 0.07 -5.60 | 14.02 0.27 -4.33 | 11.71 0.22 -4.24 | 6.20 0.06 -4.21 | 4.06 -0.11 -7.54 | 14.20 0.27 -4.42 | 10.24 0.15 -4.65 | 15.63 0.36 -1.07 | 15.25 0.34 -1.49 | 10.47 0.09 -6.98 | 6.23 -0.10 -10.66 | 10.42 0.08 -6.65 | 11.64 0.18 -4.29 | 3.02 -0.08 -6.15 | 11.10 0.17 -3.97 | 13.16 0.24 -2.39 | 13.12 0.24 -1.38 |
| BABYLON_RES_REC 323704 | 37.10 0.33 -33.21 | 29.45 1.45 -10.06 | 29.72 0.80 -19.41 | 48.96 0.57 -42.08 | 25.07 0.93 -12.26 | 72.26 -0.18 -75.87 | 37.80 -0.09 -39.02 | 45.53 0.22 -42.98 | 43.51 0.85 -33.24 | 40.44 0.63 -32.56 | 34.42 0.18 -32.32 | 54.15 -0.34 -57.86 | 44.20 0.82 -33.88 | 41.63 0.50 -35.70 | 23.71 1.29 -8.23 | 26.05 1.19 -11.44 | 63.78 0.34 -60.05 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.64 0.51 -32.96 | 43.97 -0.22 -47.24 | 37.98 0.49 -30.53 | 30.87 0.90 -19.44 | 23.10 1.02 -10.58 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_1 23704 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_10 23701 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_11 23702 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_12 23703 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_2 23705 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_3 23706 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_4 23707 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_5 23708 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_6 23709 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_7 23710 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_8 23711 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT_IC_9 23700 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT___1 23545 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BARRETT___2 23546 | 37.06 0.30 -33.21 | 29.28 1.28 -10.06 | 29.62 0.70 -19.41 | 48.88 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.35 0.69 -33.24 | 40.34 0.53 -32.56 | 34.40 0.15 -32.32 | 54.20 -0.29 -57.86 | 44.08 0.69 -33.88 | 41.58 0.45 -35.70 | 23.70 1.27 -8.23 | 26.05 1.19 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.49 -30.53 | 30.85 0.85 -19.47 | 23.05 0.97 -10.58 |
| BAYONEEC___CTG1 323682 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 30.89 0.78 -18.39 | 22.97 0.89 -10.57 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG2 323683 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG3 323684 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG4 323685 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG5 323686 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG6 323687 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG7 323688 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG8 323689 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BAYONEEC___CTG9 323749 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.13 -8.23 | 25.89 1.04 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.49 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| BEACON___LESR 323632 | 47.03 0.22 -43.25 | 32.03 0.98 -13.11 | 35.31 0.51 -25.28 | 61.42 0.31 -54.81 | 28.50 0.65 -15.98 | 95.24 -0.16 -98.83 | 50.01 -0.06 -51.20 | 59.08 0.07 -56.67 | 53.76 0.51 -43.84 | 50.61 0.43 -42.93 | 44.65 0.11 -42.61 | 72.73 -0.20 -76.30 | 54.71 0.53 -44.67 | 52.82 0.32 -47.07 | 25.74 0.76 -10.79 | 29.06 0.74 -14.90 | 73.47 0.19 -69.88 | 102.14 -0.24 -106.71 | 70.50 0.19 -66.62 | 50.51 0.40 -42.93 | 58.30 -0.18 -61.53 | 47.12 0.39 -39.77 | 35.04 0.56 -23.96 | 25.88 0.60 -13.78 |
| BEAVER RIVER___HYD 24048 | 3.59 0.03 0.00 | 18.05 0.12 0.00 | 9.58 0.06 0.00 | 6.35 0.04 0.00 | 11.98 0.10 0.00 | -3.47 -0.04 0.00 | -0.60 -0.02 -0.55 | 3.41 0.04 -1.04 | 10.34 0.12 -0.80 | 8.12 0.08 -0.79 | 2.73 0.02 -0.78 | -1.99 -0.03 -1.40 | 10.46 0.13 -0.82 | 6.34 0.05 -0.86 | 14.47 0.18 -0.09 | 13.58 0.16 0.00 | 3.42 0.03 0.00 | -4.38 -0.05 0.00 | 3.73 0.04 0.00 | 7.28 0.11 0.00 | -3.10 -0.05 0.00 | 7.07 0.11 0.00 | 10.65 0.13 0.00 | 11.56 0.06 0.00 |
| BEEBEE_GT_13 23619 | 7.73 -0.02 -4.18 | 18.94 -0.26 -1.27 | 11.82 -0.14 -2.45 | 11.49 -0.11 -5.30 | 13.26 -0.16 -1.55 | 6.12 -0.01 -9.56 | 3.78 0.00 -4.92 | 7.78 0.03 -5.42 | 13.77 0.15 -4.20 | 11.47 0.11 -4.11 | 6.02 0.02 -4.08 | 3.85 -0.09 -7.30 | 13.97 0.18 -4.27 | 10.00 0.06 -4.51 | 15.35 0.12 -1.04 | 14.93 0.08 -1.44 | 10.18 0.03 -6.76 | 5.94 -0.05 -10.32 | 10.12 -0.01 -6.44 | 11.35 0.03 -4.15 | 2.86 -0.04 -5.95 | 10.82 0.02 -3.85 | 12.85 0.01 -2.32 | 12.79 -0.05 -1.33 |
| BETHLEHEM___GRP 23843 | 47.19 0.14 -43.48 | 31.76 0.65 -13.18 | 35.29 0.36 -25.42 | 61.66 0.25 -55.11 | 28.38 0.44 -16.06 | 95.83 -0.11 -99.37 | 50.39 -0.04 -51.57 | 59.54 0.07 -57.13 | 53.93 0.31 -44.20 | 50.79 0.25 -43.28 | 44.96 0.07 -42.96 | 73.43 -0.12 -76.92 | 54.90 0.35 -45.04 | 53.09 0.19 -47.46 | 25.54 0.49 -10.86 | 28.85 0.44 -14.98 | 73.78 0.11 -70.26 | 102.82 -0.15 -107.30 | 70.80 0.12 -66.98 | 50.58 0.24 -43.16 | 58.71 -0.10 -61.86 | 47.17 0.23 -39.98 | 34.95 0.35 -24.09 | 25.73 0.38 -13.85 |
| BETHLEHEM___GS1 323560 | 47.19 0.14 -43.48 | 31.76 0.65 -13.18 | 35.29 0.36 -25.42 | 61.66 0.25 -55.11 | 28.38 0.44 -16.06 | 95.83 -0.11 -99.37 | 50.39 -0.04 -51.57 | 59.54 0.07 -57.13 | 53.93 0.31 -44.20 | 50.79 0.25 -43.28 | 44.96 0.07 -42.96 | 73.43 -0.12 -76.92 | 54.90 0.35 -45.04 | 53.09 0.19 -47.46 | 25.54 0.49 -10.86 | 28.85 0.44 -14.98 | 73.78 0.11 -70.26 | 102.82 -0.15 -107.30 | 70.80 0.12 -66.98 | 50.58 0.24 -43.16 | 58.71 -0.10 -61.86 | 47.17 0.23 -39.98 | 34.95 0.35 -24.09 | 25.73 0.38 -13.85 |
| BETHLEHEM___GS2 323561 | 47.19 0.14 -43.48 | 31.76 0.65 -13.18 | 35.29 0.36 -25.42 | 61.66 0.25 -55.11 | 28.38 0.44 -16.06 | 95.83 -0.11 -99.37 | 50.39 -0.04 -51.57 | 59.54 0.07 -57.13 | 53.93 0.31 -44.20 | 50.79 0.25 -43.28 | 44.96 0.07 -42.96 | 73.43 -0.12 -76.92 | 54.90 0.35 -45.04 | 53.09 0.19 -47.46 | 25.54 0.49 -10.86 | 28.85 0.44 -14.98 | 73.78 0.11 -70.26 | 102.82 -0.15 -107.30 | 70.80 0.12 -66.98 | 50.58 0.24 -43.16 | 58.71 -0.10 -61.86 | 47.17 0.23 -39.98 | 34.95 0.35 -24.09 | 25.73 0.38 -13.85 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 47.19 0.14 -43.48 | 31.76 0.65 -13.18 | 35.29 0.36 -25.42 | 61.66 0.25 -55.11 | 28.38 0.44 -16.06 | 95.83 -0.11 -99.37 | 50.39 -0.04 -51.57 | 59.54 0.07 -57.13 | 53.93 0.31 -44.20 | 50.79 0.25 -43.28 | 44.96 0.07 -42.96 | 73.43 -0.12 -76.92 | 54.90 0.35 -45.04 | 53.09 0.19 -47.46 | 25.54 0.49 -10.86 | 28.85 0.44 -14.98 | 73.78 0.11 -70.26 | 102.82 -0.15 -107.30 | 70.80 0.12 -66.98 | 50.58 0.24 -43.16 | 58.71 -0.10 -61.86 | 47.17 0.23 -39.98 | 34.95 0.35 -24.09 | 25.73 0.38 -13.85 |
| BETHLEHEM___STEEL 23779 | 9.23 0.04 -5.63 | 19.59 -0.05 -1.71 | 12.78 -0.03 -3.29 | 13.39 -0.06 -7.14 | 13.96 0.00 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.36 -5.65 | 13.05 0.27 -5.53 | 7.46 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.70 0.44 -5.75 | 11.67 0.18 -6.06 | 15.99 0.39 -1.40 | 15.66 0.30 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.25 0.11 -5.17 | 13.82 0.18 -3.12 | 13.43 0.14 -1.79 |
| BETHPAGE_CC_5 323564 | 37.10 0.33 -33.21 | 29.43 1.43 -10.06 | 29.71 0.78 -19.41 | 48.95 0.56 -42.08 | 25.03 0.89 -12.26 | 72.26 -0.18 -75.87 | 37.81 -0.08 -39.02 | 45.52 0.20 -42.98 | 43.45 0.79 -33.24 | 40.40 0.59 -32.56 | 34.41 0.17 -32.32 | 54.17 -0.32 -57.86 | 44.16 0.77 -33.88 | 41.61 0.48 -35.70 | 23.75 1.33 -8.23 | 26.12 1.26 -11.44 | 60.62 0.35 -56.87 | 77.28 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.69 0.56 -32.96 | 43.95 -0.24 -47.24 | 38.00 0.52 -30.53 | 30.94 0.94 -19.47 | 23.13 1.05 -10.58 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 9.34 0.08 -5.71 | 19.79 0.13 -1.73 | 12.91 0.06 -3.34 | 13.54 0.00 -7.23 | 14.10 0.12 -2.11 | 9.50 -0.11 -13.04 | 5.54 -0.04 -6.71 | 9.80 0.07 -7.40 | 15.57 0.44 -5.72 | 13.19 0.33 -5.60 | 7.56 0.07 -5.56 | 6.38 -0.21 -9.96 | 15.86 0.52 -5.83 | 11.80 0.22 -6.15 | 16.13 0.52 -1.42 | 15.81 0.43 -1.97 | 12.73 0.12 -9.22 | 9.58 -0.17 -14.08 | 12.54 0.06 -8.79 | 13.01 0.18 -5.67 | 4.95 -0.12 -8.12 | 12.38 0.17 -5.25 | 13.95 0.27 -3.16 | 13.57 0.25 -1.82 |
| BINGHAMTON___COGEN 23790 | 14.14 0.14 -10.44 | 21.72 0.63 -3.16 | 15.92 0.30 -6.10 | 19.71 0.16 -13.23 | 16.15 0.41 -3.86 | 20.32 -0.11 -23.86 | 11.11 -0.04 -12.28 | 15.97 0.10 -13.53 | 20.32 0.43 -10.47 | 17.84 0.34 -10.25 | 12.20 0.09 -10.18 | 14.70 -0.16 -18.22 | 20.62 0.44 -10.67 | 16.91 0.24 -11.24 | 17.41 0.62 -2.59 | 17.59 0.57 -3.60 | 20.42 0.15 -16.87 | 21.25 -0.18 -25.76 | 19.91 0.13 -16.08 | 17.82 0.28 -10.36 | 11.70 -0.11 -14.85 | 16.84 0.29 -9.60 | 16.73 0.42 -5.78 | 15.29 0.46 -3.33 |
| BLACK RIVER___HYD 24047 | 5.04 0.04 -1.44 | 18.47 0.10 -0.44 | 10.41 0.05 -0.84 | 8.16 0.03 -1.83 | 12.51 0.10 -0.53 | -0.19 -0.05 -3.29 | 0.55 -0.02 -1.71 | 4.28 0.05 -1.89 | 11.05 0.17 -1.46 | 8.79 0.10 -1.43 | 3.38 0.03 -1.42 | -0.87 0.17 -2.55 | 11.17 0.07 -1.49 | 7.07 0.25 -1.57 | 14.80 0.25 -0.36 | 14.13 0.21 -0.50 | 5.76 0.04 -2.33 | -0.84 -0.08 -3.56 | 5.98 0.06 -2.22 | 8.76 0.15 -1.43 | -1.06 -0.07 -2.05 | 8.41 0.13 -1.33 | 11.47 0.15 -0.80 | 11.98 0.02 -0.46 |
| BLISS_WT_PWR 323608 | 9.74 0.13 -6.05 | 20.24 0.47 -1.83 | 13.30 0.25 -3.53 | 14.13 0.16 -7.66 | 14.53 0.41 -2.23 | 10.19 -0.19 -13.82 | 5.92 -0.06 -7.11 | 10.27 0.10 -7.84 | 16.12 0.65 -6.06 | 13.71 0.52 -5.94 | 7.93 0.12 -5.89 | 6.89 -0.29 -10.55 | 16.42 0.74 -6.18 | 12.29 0.34 -6.51 | 16.53 0.84 -1.50 | 16.20 0.70 -2.08 | 13.36 0.19 -9.77 | 10.35 -0.24 -14.92 | 13.13 0.13 -9.31 | 13.50 0.32 -6.00 | 5.37 -0.18 -8.60 | 12.80 0.28 -5.56 | 14.34 0.47 -3.35 | 13.90 0.47 -1.93 |
| BLUE_CIRC_CHEM_DRP 24182 | 46.11 0.16 -42.39 | 31.55 0.76 -12.85 | 34.71 0.42 -24.78 | 60.31 0.28 -53.72 | 28.05 0.51 -15.66 | 93.29 -0.14 -96.86 | 48.67 -0.05 -49.85 | 57.36 0.11 -54.92 | 52.36 0.46 -42.49 | 49.22 0.36 -41.60 | 43.33 0.10 -41.30 | 70.40 -0.18 -73.94 | 53.29 0.49 -43.29 | 51.33 0.28 -45.62 | 25.42 0.68 -10.54 | 28.63 0.61 -14.60 | 72.04 0.15 -68.49 | 100.06 -0.20 -104.59 | 69.15 0.17 -65.29 | 49.57 0.32 -42.08 | 57.11 -0.14 -60.30 | 46.25 0.31 -38.98 | 34.47 0.47 -23.48 | 25.51 0.51 -13.50 |
| BOC_GAS_DRP 24189 | 46.53 0.16 -42.81 | 31.63 0.72 -12.98 | 34.93 0.39 -25.02 | 60.82 0.26 -54.26 | 28.17 0.48 -15.82 | 94.27 -0.13 -97.83 | 49.65 -0.05 -50.83 | 58.79 0.09 -56.36 | 53.40 0.38 -43.60 | 50.25 0.31 -42.70 | 44.40 0.09 -42.38 | 72.37 -0.15 -75.89 | 54.35 0.42 -44.43 | 52.49 0.24 -46.82 | 25.52 0.62 -10.71 | 28.75 0.58 -14.75 | 72.73 0.15 -69.18 | 101.12 -0.19 -105.64 | 69.79 0.16 -65.95 | 49.98 0.31 -42.50 | 57.73 -0.13 -60.91 | 46.62 0.30 -39.37 | 34.68 0.45 -23.71 | 25.63 0.49 -13.64 |
| BORALEX_4TH_BRANCH 23824 | 48.35 0.22 -44.57 | 32.45 1.01 -13.51 | 36.12 0.55 -26.05 | 63.13 0.34 -56.48 | 29.03 0.69 -16.47 | 98.22 -0.20 -101.85 | 51.64 -0.07 -52.85 | 61.04 0.15 -58.55 | 55.38 0.66 -45.30 | 52.13 0.52 -44.36 | 46.11 0.15 -44.03 | 75.20 -0.26 -78.84 | 56.40 0.73 -46.15 | 54.45 0.38 -48.64 | 26.25 0.93 -11.12 | 29.66 0.89 -15.35 | 75.65 0.23 -72.02 | 105.34 -0.31 -109.98 | 72.61 0.26 -68.66 | 51.94 0.52 -44.25 | 60.14 -0.22 -63.41 | 48.44 0.50 -40.98 | 35.94 0.73 -24.69 | 26.44 0.74 -14.20 |
| BOWLINE___1 23526 | 36.02 0.23 -32.23 | 28.70 1.00 -9.77 | 28.89 0.54 -18.84 | 47.54 0.38 -40.85 | 24.43 0.65 -11.91 | 70.06 -0.17 -73.66 | 36.69 -0.06 -37.89 | 44.21 0.15 -41.72 | 42.27 0.58 -32.27 | 39.32 0.46 -31.61 | 33.43 0.13 -31.37 | 52.59 -0.22 -56.17 | 43.01 0.61 -32.89 | 40.46 0.37 -34.66 | 23.17 0.98 -7.99 | 25.44 0.92 -11.11 | 55.71 0.23 -52.08 | 74.93 -0.28 -79.53 | 53.58 0.23 -49.65 | 39.64 0.47 -32.00 | 42.60 -0.21 -45.86 | 37.06 0.46 -29.64 | 29.08 0.70 -17.85 | 22.54 0.77 -10.27 |
| BOWLINE___2 23595 | 36.03 0.23 -32.24 | 28.70 1.00 -9.77 | 28.90 0.54 -18.84 | 47.54 0.38 -40.85 | 24.44 0.65 -11.91 | 70.06 -0.17 -73.67 | 36.69 -0.06 -37.89 | 44.22 0.15 -41.73 | 42.27 0.58 -32.28 | 39.32 0.46 -31.61 | 33.44 0.13 -31.38 | 52.59 -0.22 -56.18 | 43.01 0.61 -32.89 | 40.46 0.37 -34.66 | 23.17 0.98 -7.99 | 25.44 0.92 -11.11 | 55.72 0.23 -52.09 | 74.93 -0.28 -79.54 | 53.58 0.23 -49.66 | 39.64 0.47 -32.00 | 42.61 -0.21 -45.86 | 37.06 0.46 -29.64 | 29.08 0.70 -17.85 | 22.54 0.77 -10.27 |
| BROOKHAVEN___DRP 24191 | 37.10 0.34 -33.21 | 29.43 1.43 -10.06 | 29.72 0.80 -19.41 | 48.96 0.57 -42.08 | 25.07 0.93 -12.26 | 72.26 -0.18 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.58 0.92 -33.24 | 40.48 0.67 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.91 -33.88 | 41.64 0.51 -35.70 | 23.85 1.42 -8.23 | 26.27 1.41 -11.44 | 140.96 0.42 -137.15 | 77.23 -0.37 -81.93 | 55.17 0.34 -51.15 | 40.79 0.66 -32.96 | 43.91 -0.28 -47.24 | 38.08 0.59 -30.53 | 31.01 1.08 -19.40 | 23.33 1.26 -10.58 |
| BROOKLYN_NAVY_YARD 23515 | 37.01 0.25 -33.20 | 29.10 1.10 -10.06 | 29.52 0.60 -19.40 | 48.80 0.42 -42.07 | 24.86 0.72 -12.26 | 72.25 -0.17 -75.86 | 37.81 -0.07 -39.01 | 45.46 0.16 -42.96 | 43.25 0.60 -33.24 | 40.28 0.48 -32.55 | 34.37 0.14 -32.31 | 54.25 -0.23 -57.85 | 44.02 0.64 -33.87 | 41.53 0.41 -35.69 | 23.50 1.08 -8.23 | 25.83 0.99 -11.43 | 57.28 0.25 -53.64 | 77.30 -0.29 -81.91 | 55.06 0.24 -51.14 | 40.60 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.96 0.48 -30.52 | 29.68 0.77 -18.39 | 22.95 0.87 -10.57 |
| BROOKLYN___ARMY_DRP 323595 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BROOME_2_LFGE 323671 | 14.14 0.14 -10.44 | 21.72 0.63 -3.16 | 15.92 0.30 -6.10 | 19.71 0.16 -13.23 | 16.15 0.41 -3.86 | 20.32 -0.11 -23.86 | 11.11 -0.04 -12.28 | 15.97 0.10 -13.53 | 20.32 0.43 -10.47 | 17.84 0.34 -10.25 | 12.20 0.09 -10.18 | 14.70 -0.16 -18.22 | 20.62 0.44 -10.67 | 16.91 0.24 -11.24 | 17.41 0.62 -2.59 | 17.59 0.57 -3.60 | 20.42 0.15 -16.87 | 21.25 -0.18 -25.76 | 19.91 0.13 -16.08 | 17.82 0.28 -10.36 | 11.70 -0.11 -14.85 | 16.84 0.29 -9.60 | 16.73 0.42 -5.78 | 15.29 0.46 -3.33 |
| BROOME___LFGE 323600 | 14.14 0.14 -10.44 | 21.72 0.63 -3.16 | 15.92 0.30 -6.10 | 19.71 0.16 -13.23 | 16.15 0.41 -3.86 | 20.32 -0.11 -23.86 | 11.11 -0.04 -12.28 | 15.97 0.10 -13.53 | 20.32 0.43 -10.47 | 17.84 0.34 -10.25 | 12.20 0.09 -10.18 | 14.70 -0.16 -18.22 | 20.62 0.44 -10.67 | 16.91 0.24 -11.24 | 17.41 0.62 -2.59 | 17.59 0.57 -3.60 | 20.42 0.15 -16.87 | 21.25 -0.18 -25.76 | 19.91 0.13 -16.08 | 17.82 0.28 -10.36 | 11.70 -0.11 -14.85 | 16.84 0.29 -9.60 | 16.73 0.42 -5.78 | 15.29 0.46 -3.33 |
| BURROWS___LYONSDAL 23803 | 3.62 0.06 0.00 | 18.19 0.26 0.00 | 9.64 0.12 0.00 | 6.38 0.07 0.00 | 12.04 0.17 0.00 | -3.49 -0.06 0.00 | -1.16 -0.02 0.00 | 2.39 0.05 0.00 | 9.61 0.20 0.00 | 7.40 0.15 0.00 | 1.97 0.04 0.00 | -3.43 -0.06 0.00 | 9.71 0.20 0.00 | 5.53 0.10 0.00 | 14.47 0.28 0.00 | 13.68 0.27 0.00 | 3.46 0.06 0.00 | -4.42 -0.09 0.00 | 3.76 0.07 0.00 | 7.33 0.16 0.00 | -3.12 -0.07 0.00 | 7.12 0.15 0.00 | 10.72 0.20 0.00 | 11.67 0.16 0.00 |
| CAITHNESS_CC_1 323624 | 37.10 0.34 -33.21 | 29.44 1.44 -10.06 | 29.73 0.80 -19.41 | 48.96 0.57 -42.08 | 25.08 0.94 -12.26 | 72.26 -0.18 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.47 0.67 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.38 -57.86 | 44.28 0.90 -33.88 | 41.64 0.51 -35.70 | 23.85 1.42 -8.23 | 26.26 1.40 -11.44 | 141.82 0.41 -138.01 | 77.23 -0.37 -81.93 | 55.17 0.33 -51.15 | 40.78 0.65 -32.96 | 43.91 -0.28 -47.24 | 38.08 0.59 -30.53 | 31.00 1.07 -19.40 | 23.31 1.23 -10.58 |
| CALPINE BETH_PAGE_GT4 24209 | 37.10 0.33 -33.21 | 29.42 1.42 -10.06 | 29.71 0.78 -19.41 | 48.94 0.56 -42.08 | 25.03 0.89 -12.26 | 72.26 -0.18 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.46 0.80 -33.24 | 40.41 0.61 -32.56 | 34.41 0.17 -32.32 | 54.17 -0.33 -57.86 | 44.17 0.79 -33.88 | 41.62 0.49 -35.70 | 23.78 1.35 -8.23 | 26.14 1.28 -11.44 | 59.80 0.36 -56.04 | 77.28 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.70 0.57 -32.96 | 43.94 -0.24 -47.24 | 38.01 0.52 -30.53 | 30.99 0.96 -19.51 | 23.14 1.07 -10.58 |
| CALPINE_BETH_PAGE_GT_4 323586 | 37.10 0.33 -33.21 | 29.42 1.42 -10.06 | 29.71 0.78 -19.41 | 48.94 0.56 -42.08 | 25.03 0.89 -12.26 | 72.26 -0.18 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.46 0.80 -33.24 | 40.41 0.61 -32.56 | 34.41 0.17 -32.32 | 54.17 -0.33 -57.86 | 44.17 0.79 -33.88 | 41.62 0.49 -35.70 | 23.78 1.35 -8.23 | 26.14 1.28 -11.44 | 59.80 0.36 -56.04 | 77.28 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.70 0.57 -32.96 | 43.94 -0.24 -47.24 | 38.01 0.52 -30.53 | 30.99 0.96 -19.51 | 23.14 1.07 -10.58 |
| CALPINE_BP_GT1 23823 | 37.10 0.33 -33.21 | 29.42 1.42 -10.06 | 29.71 0.78 -19.41 | 48.94 0.56 -42.08 | 25.03 0.89 -12.26 | 72.26 -0.18 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.46 0.80 -33.24 | 40.41 0.61 -32.56 | 34.41 0.17 -32.32 | 54.17 -0.33 -57.86 | 44.17 0.79 -33.88 | 41.62 0.49 -35.70 | 23.78 1.35 -8.23 | 26.14 1.28 -11.44 | 59.80 0.36 -56.04 | 77.28 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.70 0.57 -32.96 | 43.94 -0.24 -47.24 | 38.01 0.52 -30.53 | 30.99 0.96 -19.51 | 23.14 1.07 -10.58 |
| CALSPAN___DRP 24200 | 9.23 0.04 -5.63 | 19.59 -0.05 -1.71 | 12.78 -0.03 -3.29 | 13.39 -0.06 -7.14 | 13.96 0.00 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.36 -5.65 | 13.05 0.27 -5.53 | 7.46 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.70 0.44 -5.75 | 11.67 0.18 -6.06 | 15.99 0.39 -1.40 | 15.66 0.30 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.25 0.11 -5.17 | 13.82 0.18 -3.12 | 13.43 0.14 -1.79 |
| CANDIGU_WT_PWR 323617 | 11.07 0.13 -7.38 | 20.70 0.53 -2.24 | 14.07 0.25 -4.31 | 15.78 0.12 -9.35 | 14.99 0.39 -2.73 | 13.30 -0.13 -16.86 | 7.50 -0.05 -8.68 | 12.00 0.10 -9.56 | 17.34 0.53 -7.40 | 14.90 0.41 -7.24 | 9.22 0.10 -7.19 | 9.30 -0.21 -12.87 | 17.62 0.58 -7.54 | 13.66 0.28 -7.94 | 16.73 0.71 -1.83 | 16.58 0.62 -2.54 | 15.48 0.16 -11.92 | 13.67 -0.21 -18.21 | 15.19 0.13 -11.37 | 14.80 0.30 -7.32 | 7.32 -0.13 -10.50 | 14.04 0.30 -6.79 | 15.03 0.42 -4.09 | 14.28 0.43 -2.35 |
| CARR STREET_E_SYR 24060 | 6.55 0.00 -2.99 | 18.81 -0.04 -0.91 | 11.24 -0.03 -1.75 | 10.07 -0.03 -3.79 | 12.96 -0.02 -1.11 | 3.40 0.00 -6.84 | 2.39 0.00 -3.52 | 6.24 0.02 -3.89 | 12.51 0.09 -3.01 | 10.26 0.07 -2.95 | 4.87 0.02 -2.92 | 1.82 -0.04 -5.23 | 12.66 0.09 -3.06 | 8.70 0.04 -3.23 | 15.04 0.10 -0.74 | 14.53 0.08 -1.03 | 8.25 0.02 -4.84 | 3.02 -0.03 -7.38 | 8.31 0.01 -4.61 | 10.18 0.04 -2.97 | 1.18 -0.02 -4.26 | 9.75 0.04 -2.75 | 12.22 0.04 -1.66 | 12.47 0.02 -0.95 |
| CARTHAGE___PAPER 23857 | 4.79 0.05 -1.19 | 18.45 0.16 -0.36 | 10.29 0.08 -0.69 | 7.86 0.05 -1.50 | 12.44 0.13 -0.44 | -0.78 -0.05 -2.71 | 0.25 -0.02 -1.41 | 3.95 0.05 -1.56 | 10.79 0.17 -1.21 | 8.54 0.10 -1.18 | 3.13 0.03 -1.17 | -1.30 -0.04 -2.10 | 10.90 0.16 -1.23 | 6.79 0.07 -1.30 | 14.71 0.22 -0.30 | 14.03 0.20 -0.41 | 5.35 0.04 -1.91 | -1.48 0.04 -2.92 | 5.58 0.06 -1.82 | 8.50 0.15 -1.18 | -1.43 -0.07 -1.68 | 8.19 0.14 -1.09 | 11.35 0.17 -0.66 | 11.95 0.07 -0.38 |
| CASSADAGA_WT_PWR 323784 | 9.69 0.20 -5.92 | 20.49 0.77 -1.80 | 13.38 0.40 -3.46 | 14.04 0.23 -7.50 | 14.63 0.57 -2.19 | 9.85 -0.24 -13.53 | 5.75 -0.08 -6.96 | 10.17 0.16 -7.67 | 16.20 0.85 -5.93 | 13.74 0.68 -5.81 | 7.85 0.16 -5.77 | 6.59 -0.38 -10.33 | 16.52 0.96 -6.05 | 12.26 0.45 -6.37 | 16.73 1.07 -1.47 | 16.34 0.89 -2.04 | 13.20 0.23 -9.57 | 9.96 -0.32 -14.61 | 13.00 0.19 -9.12 | 13.49 0.44 -5.88 | 5.13 -0.25 -8.42 | 12.82 0.42 -5.44 | 14.41 0.61 -3.28 | 13.97 0.58 -1.89 |
| CE_DUNWOOD___DRP 24194 | 36.91 0.25 -33.10 | 29.06 1.09 -10.03 | 29.46 0.59 -19.35 | 48.67 0.41 -41.95 | 24.82 0.72 -12.23 | 72.03 -0.18 -75.65 | 37.71 -0.07 -38.91 | 45.34 0.17 -42.85 | 43.18 0.62 -33.14 | 40.20 0.49 -32.46 | 34.29 0.14 -32.22 | 54.08 -0.24 -57.69 | 43.94 0.65 -33.77 | 41.42 0.40 -35.59 | 23.47 1.06 -8.21 | 25.82 1.00 -11.40 | 57.14 0.25 -53.49 | 77.05 -0.30 -81.68 | 54.93 0.25 -50.99 | 40.53 0.50 -32.86 | 43.83 -0.22 -47.10 | 37.88 0.49 -30.44 | 29.62 0.76 -18.33 | 22.89 0.84 -10.54 |
| CE_MILLWOOD___DRP 24193 | 36.80 0.24 -33.00 | 28.99 1.05 -10.00 | 29.37 0.57 -19.29 | 48.53 0.40 -41.82 | 24.76 0.69 -12.19 | 71.79 -0.18 -75.40 | 37.58 -0.07 -38.78 | 45.21 0.16 -42.71 | 43.06 0.60 -33.04 | 40.09 0.48 -32.35 | 34.18 0.14 -32.12 | 53.91 -0.23 -57.50 | 43.81 0.63 -33.67 | 41.30 0.39 -35.48 | 23.40 1.03 -8.18 | 25.75 0.96 -11.37 | 56.96 0.24 -53.32 | 76.80 -0.29 -81.42 | 54.76 0.24 -50.83 | 40.41 0.49 -32.76 | 43.68 -0.21 -46.94 | 37.77 0.47 -30.34 | 29.53 0.73 -18.28 | 22.82 0.81 -10.51 |
| CE_NYC2_DRP 24202 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.65 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.51 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.92 -10.57 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CE_NYC_DRP 24195 | 37.03 0.27 -33.20 | 29.18 1.19 -10.06 | 29.57 0.65 -19.40 | 48.83 0.46 -42.07 | 24.92 0.78 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.65 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.06 0.69 -33.87 | 41.55 0.43 -35.69 | 23.58 1.15 -8.23 | 25.92 1.06 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.13 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.52 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| CHAFFEE___LFGE 323603 | 9.47 0.07 -5.83 | 19.81 0.11 -1.77 | 12.97 0.05 -3.41 | 13.70 0.00 -7.39 | 14.14 0.11 -2.15 | 9.78 -0.11 -13.33 | 5.69 -0.04 -6.86 | 9.97 0.08 -7.56 | 15.71 0.45 -5.85 | 13.32 0.34 -5.73 | 7.68 0.07 -5.68 | 6.59 -0.21 -10.18 | 15.99 0.53 -5.96 | 11.94 0.22 -6.28 | 16.17 0.52 -1.45 | 15.85 0.42 -2.01 | 12.94 0.12 -9.42 | 9.89 -0.17 -14.39 | 12.73 0.06 -8.98 | 13.14 0.18 -5.79 | 5.13 -0.12 -8.30 | 12.50 0.17 -5.36 | 14.02 0.27 -3.23 | 13.60 0.24 -1.86 |
| CHATEAUG_WT_PWR 323614 | 3.48 -0.08 0.00 | 17.74 -0.19 0.00 | 9.43 -0.08 0.00 | 6.26 -0.04 0.00 | 11.75 -0.12 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.07 0.00 | 9.20 -0.21 0.00 | 7.09 -0.16 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.29 0.00 | 5.29 -0.14 0.00 | 13.86 -0.34 0.00 | 13.10 -0.32 0.00 | 3.31 -0.08 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.03 -0.14 0.00 | -2.98 0.07 0.00 | 6.83 -0.13 0.00 | 10.33 -0.19 0.00 | 11.31 -0.19 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 3.47 -0.09 0.00 | 17.73 -0.21 0.00 | 9.42 -0.09 0.00 | 6.26 -0.05 0.00 | 11.75 -0.13 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.06 0.00 | 9.19 -0.22 0.00 | 7.08 -0.17 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.30 0.00 | 5.28 -0.15 0.00 | 13.84 -0.36 0.00 | 13.09 -0.33 0.00 | 3.30 -0.09 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.02 -0.15 0.00 | -2.98 0.07 0.00 | 6.82 -0.14 0.00 | 10.32 -0.20 0.00 | 11.30 -0.20 0.00 |
| CHAUTAUQUA___LFGE 323629 | 9.49 0.15 -5.78 | 20.19 0.50 -1.75 | 13.15 0.26 -3.38 | 13.77 0.13 -7.32 | 14.39 0.38 -2.14 | 9.58 -0.19 -13.21 | 5.60 -0.06 -6.80 | 9.96 0.13 -7.49 | 15.92 0.71 -5.80 | 13.48 0.56 -5.68 | 7.69 0.13 -5.63 | 6.40 -0.32 -10.09 | 16.22 0.80 -5.90 | 12.02 0.37 -6.22 | 16.48 0.86 -1.43 | 16.10 0.69 -1.99 | 12.92 0.19 -9.34 | 9.68 -0.26 -14.26 | 12.74 0.14 -8.90 | 13.25 0.34 -5.74 | 4.97 -0.20 -8.22 | 12.60 0.32 -5.32 | 14.19 0.47 -3.20 | 13.77 0.43 -1.84 |
| CH_MIDHUDSON___DRP 24192 | 39.08 0.24 -35.28 | 29.74 1.12 -10.69 | 30.73 0.60 -20.62 | 51.43 0.41 -44.71 | 25.64 0.73 -13.03 | 76.99 -0.19 -80.61 | 40.30 -0.07 -41.50 | 48.23 0.17 -45.73 | 45.43 0.64 -35.38 | 42.40 0.51 -34.64 | 36.45 0.14 -34.39 | 57.96 -0.24 -61.57 | 46.22 0.67 -36.05 | 43.81 0.40 -37.99 | 24.01 1.06 -8.76 | 26.57 1.00 -12.15 | 60.65 0.25 -57.00 | 82.41 -0.31 -87.04 | 58.29 0.26 -54.34 | 42.71 0.52 -35.02 | 46.92 -0.22 -50.19 | 39.90 0.50 -32.44 | 30.82 0.76 -19.54 | 23.58 0.84 -11.24 |
| CH_MISC_IPPS 23765 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |
| CH_RES_BVR_FALLS 23983 | 1.37 -0.04 2.15 | 17.15 -0.13 0.65 | 8.18 -0.08 1.26 | 3.54 -0.05 2.72 | 10.99 -0.09 0.79 | -8.33 0.02 4.91 | -3.59 0.01 2.47 | -0.35 -0.02 2.67 | 7.28 -0.07 2.07 | 5.17 -0.06 2.03 | -0.10 -0.02 2.01 | -6.94 0.03 3.60 | 7.32 -0.08 2.11 | 3.17 -0.04 2.22 | 13.56 -0.12 0.52 | 12.57 -0.11 0.74 | -0.10 -0.03 3.47 | -9.59 0.04 5.30 | 0.35 -0.03 3.31 | 4.99 -0.05 2.13 | -6.08 0.02 3.06 | 4.93 -0.05 1.98 | 9.25 -0.08 1.19 | 10.70 -0.12 0.68 |
| CH_RES_NIAGARA 23895 | 8.65 -0.14 -5.23 | 18.57 -0.94 -1.58 | 12.06 -0.51 -3.05 | 12.56 -0.37 -6.62 | 13.21 -0.60 -1.93 | 8.60 0.09 -11.94 | 5.04 0.03 -6.15 | 9.11 0.00 -6.77 | 14.61 -0.04 -5.24 | 12.28 -0.10 -5.13 | 6.97 -0.05 -5.09 | 5.77 0.02 -9.12 | 14.90 0.05 -5.34 | 10.96 -0.09 -5.63 | 15.26 -0.24 -1.30 | 14.89 -0.33 -1.80 | 11.75 -0.09 -8.44 | 8.65 0.08 -12.89 | 11.58 -0.16 -8.05 | 12.12 -0.24 -5.19 | 4.44 0.05 -7.43 | 11.53 -0.24 -4.81 | 13.07 -0.35 -2.89 | 12.81 -0.35 -1.66 |
| CH_RES_SYRACUSE 23985 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| CLINTON_WT_PWR 323605 | 3.48 -0.08 0.00 | 17.74 -0.19 0.00 | 9.43 -0.08 0.00 | 6.26 -0.04 0.00 | 11.75 -0.12 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.07 0.00 | 9.20 -0.21 0.00 | 7.09 -0.16 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.29 0.00 | 5.29 -0.14 0.00 | 13.86 -0.34 0.00 | 13.10 -0.32 0.00 | 3.31 -0.08 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.03 -0.14 0.00 | -2.98 0.07 0.00 | 6.83 -0.13 0.00 | 10.33 -0.19 0.00 | 11.31 -0.19 0.00 |
| CLINTON___LFGE 323618 | 3.52 -0.04 0.00 | 17.93 0.00 0.00 | 9.53 0.01 0.00 | 6.32 0.01 0.00 | 11.86 -0.02 0.00 | -3.43 0.01 0.00 | -1.13 0.01 0.00 | 2.30 -0.04 0.00 | 9.30 -0.11 0.00 | 7.17 -0.08 0.00 | 1.91 -0.02 0.00 | -3.30 0.07 0.00 | 9.31 -0.20 0.00 | 5.34 -0.09 0.00 | 13.99 -0.20 0.00 | 13.23 -0.19 0.00 | 3.34 -0.06 0.00 | -4.26 0.06 0.00 | 3.66 -0.03 0.00 | 7.11 -0.06 0.00 | -3.02 0.03 0.00 | 6.91 -0.05 0.00 | 10.44 -0.08 0.00 | 11.43 -0.07 0.00 |
| COLONIE_LFGE___ 323577 | 49.50 0.21 -45.74 | 32.75 0.96 -13.86 | 36.78 0.53 -26.73 | 64.61 0.34 -57.96 | 29.42 0.65 -16.90 | 100.89 -0.19 -104.51 | 53.11 -0.07 -54.31 | 62.71 0.14 -60.24 | 56.61 0.59 -46.60 | 53.36 0.47 -45.63 | 47.35 0.13 -45.30 | 77.50 -0.23 -81.10 | 57.64 0.65 -47.48 | 55.81 0.35 -50.04 | 26.47 0.85 -11.43 | 29.99 0.82 -15.76 | 77.50 0.21 -73.90 | 108.24 -0.28 -112.85 | 74.38 0.24 -70.45 | 53.05 0.48 -45.40 | 61.82 -0.20 -65.07 | 49.46 0.44 -42.05 | 36.50 0.64 -25.33 | 26.73 0.66 -14.57 |
| COPENHAGEN_WT_PWR 323753 | 5.15 0.02 -1.57 | 18.43 0.02 -0.48 | 10.44 0.01 -0.92 | 8.29 0.00 -1.99 | 12.51 0.06 -0.58 | 0.11 -0.04 -3.58 | 0.71 -0.02 -1.86 | 4.43 0.04 -2.05 | 11.15 0.14 -1.59 | 8.89 0.08 -1.56 | 3.50 0.03 -1.55 | -0.64 -0.04 -2.76 | 11.28 0.15 -1.62 | 7.20 0.06 -1.71 | 14.80 0.21 -0.39 | 14.13 0.17 -0.54 | 5.96 0.03 -2.53 | -0.52 -0.06 -3.87 | 6.16 0.05 -2.42 | 8.86 0.13 -1.56 | -0.87 -0.05 -2.23 | 8.49 0.09 -1.44 | 11.49 0.10 -0.87 | 11.96 -0.04 -0.50 |
| CORNELL_____ 23752 | 11.10 0.12 -7.41 | 20.73 0.55 -2.25 | 14.12 0.27 -4.33 | 15.86 0.15 -9.39 | 14.97 0.36 -2.74 | 13.40 -0.11 -16.94 | 7.55 -0.04 -8.72 | 12.04 0.10 -9.61 | 17.27 0.42 -7.43 | 14.85 0.32 -7.28 | 9.24 0.08 -7.23 | 9.42 -0.15 -12.94 | 17.46 0.38 -7.57 | 13.62 0.20 -7.98 | 16.55 0.52 -1.84 | 16.49 0.51 -2.55 | 15.51 0.14 -11.98 | 13.79 -0.17 -18.29 | 15.24 0.14 -11.42 | 14.81 0.28 -7.36 | 7.38 -0.12 -10.55 | 14.05 0.28 -6.82 | 15.02 0.39 -4.11 | 14.27 0.40 -2.36 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| COXSACKIE___GT 23611 | 40.39 0.26 -36.57 | 30.21 1.20 -11.09 | 31.53 0.64 -21.38 | 53.08 0.43 -46.35 | 26.18 0.79 -13.51 | 79.93 -0.21 -83.58 | 41.79 -0.08 -43.01 | 49.89 0.18 -47.38 | 46.79 0.73 -36.65 | 43.71 0.57 -35.89 | 37.71 0.16 -35.62 | 60.17 -0.25 -63.78 | 47.58 0.73 -37.34 | 45.22 0.43 -39.35 | 24.38 1.11 -9.08 | 27.04 1.02 -12.60 | 62.76 0.26 -59.10 | 85.58 -0.34 -90.24 | 60.32 0.29 -56.34 | 44.05 0.58 -36.31 | 48.74 -0.25 -52.03 | 41.13 0.54 -33.63 | 31.58 0.80 -20.26 | 23.99 0.84 -11.65 |
| CPV_VALLEY___CC1 323721 | 32.67 0.20 -28.91 | 27.57 0.88 -8.76 | 26.89 0.47 -16.90 | 43.27 0.33 -36.63 | 23.13 0.58 -10.68 | 62.48 -0.15 -66.06 | 32.79 -0.06 -33.97 | 39.88 0.13 -37.42 | 38.87 0.51 -28.94 | 36.00 0.41 -28.34 | 30.18 0.11 -28.14 | 46.81 -0.20 -50.37 | 39.54 0.54 -29.49 | 36.83 0.32 -31.08 | 22.22 0.85 -7.17 | 24.18 0.80 -9.96 | 50.31 0.20 -46.71 | 66.75 -0.25 -71.33 | 48.42 0.20 -44.53 | 36.28 0.41 -28.70 | 37.90 -0.18 -41.13 | 33.94 0.40 -26.58 | 27.15 0.61 -16.01 | 21.39 0.67 -9.21 |
| CPV_VALLEY___CC2 323722 | 32.67 0.20 -28.91 | 27.57 0.88 -8.76 | 26.89 0.47 -16.90 | 43.27 0.33 -36.63 | 23.13 0.58 -10.68 | 62.48 -0.15 -66.06 | 32.79 -0.06 -33.97 | 39.88 0.13 -37.42 | 38.87 0.51 -28.94 | 36.00 0.41 -28.34 | 30.18 0.11 -28.14 | 46.81 -0.20 -50.37 | 39.54 0.54 -29.49 | 36.83 0.32 -31.08 | 22.22 0.85 -7.17 | 24.18 0.80 -9.96 | 50.31 0.20 -46.71 | 66.75 -0.25 -71.33 | 48.42 0.20 -44.53 | 36.28 0.41 -28.70 | 37.90 -0.18 -41.13 | 33.94 0.40 -26.58 | 27.15 0.61 -16.01 | 21.39 0.67 -9.21 |
| CRESCENT___HYD 24018 | 49.50 0.21 -45.74 | 32.75 0.96 -13.86 | 36.78 0.53 -26.73 | 64.61 0.34 -57.96 | 29.42 0.65 -16.90 | 100.89 -0.19 -104.51 | 53.11 -0.07 -54.31 | 62.71 0.14 -60.24 | 56.61 0.59 -46.60 | 53.36 0.47 -45.63 | 47.35 0.13 -45.30 | 77.50 -0.23 -81.10 | 57.64 0.65 -47.48 | 55.81 0.35 -50.04 | 26.47 0.85 -11.43 | 29.99 0.82 -15.76 | 77.50 0.21 -73.90 | 108.24 -0.28 -112.85 | 74.38 0.24 -70.45 | 53.05 0.48 -45.40 | 61.82 -0.20 -65.07 | 49.46 0.44 -42.05 | 36.50 0.64 -25.33 | 26.73 0.66 -14.57 |
| CRICKET___VALLEY_CC1 323756 | 38.73 0.20 -34.97 | 29.48 0.94 -10.60 | 30.47 0.51 -20.44 | 50.97 0.34 -44.32 | 25.41 0.61 -12.92 | 76.31 -0.17 -79.92 | 39.92 -0.06 -41.12 | 47.77 0.15 -45.29 | 44.99 0.55 -35.03 | 42.00 0.44 -34.31 | 36.10 0.12 -34.06 | 57.40 -0.21 -60.97 | 45.77 0.57 -35.70 | 43.38 0.33 -37.62 | 23.74 0.87 -8.67 | 26.29 0.83 -12.05 | 60.12 0.21 -56.51 | 81.71 -0.26 -86.29 | 57.78 0.22 -53.87 | 42.33 0.44 -34.72 | 46.52 -0.19 -49.75 | 39.54 0.43 -32.16 | 30.52 0.63 -19.37 | 23.33 0.69 -11.14 |
| CRICKET___VALLEY_CC2 323757 | 38.73 0.20 -34.97 | 29.48 0.94 -10.60 | 30.47 0.51 -20.44 | 50.97 0.34 -44.32 | 25.41 0.61 -12.92 | 76.31 -0.17 -79.92 | 39.92 -0.06 -41.12 | 47.77 0.15 -45.29 | 44.99 0.55 -35.03 | 42.00 0.44 -34.31 | 36.10 0.12 -34.06 | 57.40 -0.21 -60.97 | 45.77 0.57 -35.70 | 43.38 0.33 -37.62 | 23.74 0.87 -8.67 | 26.29 0.83 -12.05 | 60.12 0.21 -56.51 | 81.71 -0.26 -86.29 | 57.78 0.22 -53.87 | 42.33 0.44 -34.72 | 46.52 -0.19 -49.75 | 39.54 0.43 -32.16 | 30.52 0.63 -19.37 | 23.33 0.69 -11.14 |
| CRICKET___VALLEY_CC3 323758 | 38.73 0.20 -34.97 | 29.48 0.94 -10.60 | 30.47 0.51 -20.44 | 50.97 0.34 -44.32 | 25.41 0.61 -12.92 | 76.31 -0.17 -79.92 | 39.92 -0.06 -41.12 | 47.77 0.15 -45.29 | 44.99 0.55 -35.03 | 42.00 0.44 -34.31 | 36.10 0.12 -34.06 | 57.40 -0.21 -60.97 | 45.77 0.57 -35.70 | 43.38 0.33 -37.62 | 23.74 0.87 -8.67 | 26.29 0.83 -12.05 | 60.12 0.21 -56.51 | 81.71 -0.26 -86.29 | 57.78 0.22 -53.87 | 42.33 0.44 -34.72 | 46.52 -0.19 -49.75 | 39.54 0.43 -32.16 | 30.52 0.63 -19.37 | 23.33 0.69 -11.14 |
| CRUCIBLE_METL_DRP 24180 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| DAHOWA___HYDRO 323763 | 50.68 0.25 -46.87 | 33.32 1.19 -14.21 | 37.57 0.66 -27.39 | 66.13 0.42 -59.39 | 29.98 0.79 -17.31 | 103.41 -0.25 -107.10 | 54.60 -0.09 -55.82 | 64.55 0.18 -62.04 | 58.16 0.75 -47.99 | 54.85 0.60 -47.00 | 48.74 0.16 -46.65 | 79.89 -0.27 -83.53 | 59.23 0.82 -48.90 | 57.39 0.42 -51.53 | 26.97 1.05 -11.73 | 30.60 1.04 -16.15 | 79.39 0.27 -75.73 | 110.96 -0.36 -115.64 | 76.19 0.31 -72.19 | 54.31 0.61 -46.52 | 63.38 -0.25 -66.67 | 50.63 0.57 -43.09 | 37.29 0.81 -25.96 | 27.24 0.81 -14.93 |
| DANC___LFGE 323619 | 5.57 0.00 -2.01 | 18.47 -0.08 -0.61 | 10.65 -0.04 -1.18 | 8.82 -0.04 -2.55 | 12.59 -0.03 -0.74 | 1.15 -0.01 -4.60 | 1.23 -0.01 -2.37 | 4.98 0.02 -2.62 | 11.51 0.06 -2.03 | 9.27 0.03 -1.99 | 3.91 0.01 -1.97 | 0.15 -0.01 -3.53 | 11.66 0.08 -2.07 | 7.64 0.02 -2.18 | 14.79 0.10 -0.50 | 14.18 0.07 -0.69 | 6.65 0.01 -3.25 | 0.61 -0.03 -4.96 | 6.80 0.01 -3.10 | 9.22 0.05 -2.00 | -0.21 -0.02 -2.86 | 8.85 0.04 -1.85 | 11.67 0.03 -1.12 | 12.07 -0.07 -0.64 |
| DANSKAMMER___1 23586 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |
| DANSKAMMER___2 23589 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |
| DANSKAMMER___3 23590 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |
| DANSKAMMER___4 23591 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |
| DANSKAMMER___DIESEL 23592 | 37.66 0.26 -33.83 | 29.37 1.19 -10.26 | 29.93 0.63 -19.78 | 49.62 0.44 -42.88 | 25.15 0.78 -12.50 | 73.68 -0.20 -77.32 | 38.57 -0.07 -39.78 | 46.34 0.18 -43.83 | 44.01 0.69 -33.90 | 40.99 0.54 -33.20 | 35.03 0.15 -32.96 | 55.38 -0.26 -59.01 | 44.77 0.72 -34.55 | 42.26 0.42 -36.40 | 23.71 1.13 -8.39 | 26.14 1.06 -11.66 | 58.34 0.27 -54.67 | 78.83 -0.33 -83.48 | 56.09 0.28 -52.12 | 41.31 0.56 -33.59 | 44.84 -0.24 -48.13 | 38.61 0.54 -31.11 | 30.07 0.81 -18.74 | 23.17 0.89 -10.78 |

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| DASHVILLE___HYD 23610 | 37.97 0.20 -34.21 | 29.17 0.86 -10.37 | 29.98 0.47 -20.00 | 49.98 0.33 -43.35 | 25.08 0.57 -12.64 | 74.60 -0.14 -78.18 | 39.03 -0.05 -40.22 | 46.77 0.13 -44.30 | 44.18 0.50 -34.27 | 41.21 0.40 -33.56 | 35.36 0.11 -33.31 | 56.08 -0.19 -59.64 | 44.95 0.52 -34.92 | 42.54 0.31 -36.80 | 23.53 0.85 -8.49 | 26.01 0.81 -11.79 | 58.88 0.20 -55.28 | 79.83 -0.24 -84.41 | 56.59 0.21 -52.70 | 41.54 0.41 -33.96 | 45.44 -0.18 -48.67 | 38.81 0.40 -31.45 | 30.08 0.61 -18.95 | 23.07 0.67 -10.90 |
| DELAWARE___LFGE 323621 | 16.58 0.15 -12.87 | 22.52 0.69 -3.90 | 17.40 0.36 -7.52 | 22.86 0.24 -16.31 | 17.08 0.45 -4.76 | 25.85 -0.13 -29.41 | 14.01 -0.05 -15.19 | 19.22 0.11 -16.78 | 22.83 0.43 -12.98 | 20.31 0.34 -12.71 | 14.64 0.09 -12.62 | 19.07 -0.15 -22.59 | 23.19 0.45 -13.23 | 19.62 0.25 -13.94 | 18.08 0.68 -3.20 | 18.48 0.63 -4.44 | 24.35 0.16 -20.79 | 27.23 -0.20 -31.75 | 23.67 0.16 -19.82 | 20.26 0.31 -12.77 | 15.12 -0.13 -18.31 | 19.10 0.30 -11.83 | 18.11 0.46 -7.13 | 16.11 0.51 -4.10 |
| DOGLEVILLE___HYD 23807 | 2.89 0.18 0.85 | 18.37 0.70 0.26 | 9.38 0.36 0.49 | 5.40 0.16 1.07 | 12.01 0.44 0.31 | -5.54 -0.17 1.94 | -2.13 -0.04 0.96 | 1.37 0.06 1.03 | 8.98 0.37 0.80 | 6.79 0.32 0.78 | 1.24 0.09 0.78 | -4.94 -0.18 1.39 | 9.16 0.46 0.81 | 4.85 0.27 0.86 | 14.62 0.63 0.20 | 13.72 0.59 0.29 | 2.18 0.15 1.37 | -6.62 -0.20 2.09 | 2.54 0.15 1.31 | 6.65 0.32 0.84 | -4.40 -0.14 1.21 | 6.52 0.34 0.78 | 10.51 0.46 0.47 | 11.70 0.47 0.27 |
| DUNKIRK___1 23563 | 9.48 0.15 -5.77 | 20.15 0.47 -1.75 | 13.13 0.24 -3.37 | 13.74 0.12 -7.31 | 14.37 0.36 -2.13 | 9.55 -0.19 -13.18 | 5.59 -0.06 -6.78 | 9.94 0.13 -7.47 | 15.89 0.69 -5.78 | 13.46 0.54 -5.66 | 7.67 0.12 -5.62 | 6.38 -0.31 -10.06 | 16.19 0.78 -5.89 | 12.00 0.36 -6.21 | 16.46 0.83 -1.43 | 16.08 0.67 -1.99 | 12.90 0.18 -9.32 | 9.65 -0.25 -14.23 | 12.71 0.14 -8.88 | 13.23 0.33 -5.73 | 4.96 -0.20 -8.20 | 12.57 0.31 -5.30 | 14.17 0.46 -3.19 | 13.76 0.42 -1.84 |
| DUNKIRK___2 23564 | 9.48 0.15 -5.77 | 20.15 0.47 -1.75 | 13.13 0.24 -3.37 | 13.74 0.12 -7.31 | 14.37 0.36 -2.13 | 9.55 -0.19 -13.18 | 5.59 -0.06 -6.78 | 9.94 0.13 -7.47 | 15.89 0.69 -5.78 | 13.46 0.54 -5.66 | 7.67 0.12 -5.62 | 6.38 -0.31 -10.06 | 16.19 0.78 -5.89 | 12.00 0.36 -6.21 | 16.46 0.83 -1.43 | 16.08 0.67 -1.99 | 12.90 0.18 -9.32 | 9.65 -0.25 -14.23 | 12.71 0.14 -8.88 | 13.23 0.33 -5.73 | 4.96 -0.20 -8.20 | 12.57 0.31 -5.30 | 14.17 0.46 -3.19 | 13.76 0.42 -1.84 |
| DUNKIRK___3 23565 | 9.34 0.10 -5.67 | 19.92 0.27 -1.72 | 12.97 0.14 -3.32 | 13.55 0.05 -7.19 | 14.20 0.22 -2.10 | 9.39 -0.15 -12.96 | 5.49 -0.05 -6.67 | 9.79 0.10 -7.35 | 15.66 0.56 -5.69 | 13.25 0.43 -5.57 | 7.55 0.09 -5.53 | 6.27 -0.26 -9.90 | 15.96 0.65 -5.80 | 11.82 0.28 -6.11 | 16.26 0.66 -1.41 | 15.90 0.53 -1.96 | 12.71 0.14 -9.17 | 9.47 -0.20 -14.00 | 12.52 0.09 -8.74 | 13.05 0.24 -5.63 | 4.87 -0.16 -8.07 | 12.41 0.23 -5.22 | 14.01 0.34 -3.14 | 13.62 0.31 -1.81 |
| DUNKIRK___4 23566 | 9.34 0.10 -5.67 | 19.92 0.27 -1.72 | 12.97 0.14 -3.32 | 13.55 0.05 -7.19 | 14.20 0.22 -2.10 | 9.39 -0.15 -12.96 | 5.49 -0.05 -6.67 | 9.79 0.10 -7.35 | 15.66 0.56 -5.69 | 13.25 0.43 -5.57 | 7.55 0.09 -5.53 | 6.27 -0.26 -9.90 | 15.96 0.65 -5.80 | 11.82 0.28 -6.11 | 16.26 0.66 -1.41 | 15.90 0.53 -1.96 | 12.71 0.14 -9.17 | 9.47 -0.20 -14.00 | 12.52 0.09 -8.74 | 13.05 0.24 -5.63 | 4.87 -0.16 -8.07 | 12.41 0.23 -5.22 | 14.01 0.34 -3.14 | 13.62 0.31 -1.81 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 37.02 0.26 -33.20 | 29.13 1.14 -10.06 | 29.54 0.62 -19.40 | 48.81 0.43 -42.07 | 24.88 0.74 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.01 | 45.46 0.17 -42.97 | 43.28 0.63 -33.24 | 40.30 0.50 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.53 0.41 -35.69 | 23.52 1.10 -8.23 | 25.88 1.03 -11.44 | 57.29 0.26 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.25 -51.13 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.69 0.78 -18.39 | 22.95 0.88 -10.57 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 36.48 0.23 -32.68 | 28.89 1.05 -9.91 | 29.18 0.56 -19.10 | 48.11 0.39 -41.41 | 24.63 0.68 -12.07 | 71.07 -0.18 -74.68 | 37.22 -0.07 -38.42 | 44.81 0.16 -42.32 | 42.76 0.60 -32.74 | 39.79 0.48 -32.06 | 33.89 0.13 -31.82 | 53.38 -0.23 -56.98 | 43.49 0.63 -33.36 | 40.96 0.37 -35.15 | 23.30 1.00 -8.11 | 25.61 0.94 -11.26 | 56.44 0.24 -52.81 | 76.02 -0.29 -80.64 | 54.28 0.24 -50.34 | 40.10 0.49 -32.44 | 43.23 -0.21 -46.49 | 37.49 0.48 -30.05 | 29.35 0.73 -18.10 | 22.71 0.80 -10.41 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 37.03 0.27 -33.20 | 29.17 1.18 -10.06 | 29.56 0.64 -19.40 | 48.85 0.47 -42.07 | 24.92 0.78 -12.26 | 72.27 -0.16 -75.86 | 37.81 -0.07 -39.02 | 45.49 0.18 -42.97 | 43.30 0.65 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.55 0.43 -35.69 | 23.54 1.12 -8.23 | 25.87 1.01 -11.44 | 57.29 0.25 -53.64 | 77.29 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| EAST HAMPTON___GT 23717 | 37.24 0.47 -33.21 | 30.05 2.06 -10.06 | 30.04 1.12 -19.41 | 49.17 0.78 -42.08 | 25.47 1.33 -12.26 | 72.14 -0.30 -75.87 | 37.75 -0.14 -39.02 | 45.64 0.32 -42.98 | 43.94 1.28 -33.24 | 40.75 0.94 -32.56 | 34.51 0.26 -32.32 | 53.98 -0.51 -57.86 | 44.64 1.26 -33.88 | 41.82 0.69 -35.70 | 24.30 1.87 -8.23 | 26.71 1.86 -11.44 | 139.74 0.55 -135.79 | 77.17 -0.43 -81.93 | 55.33 0.49 -51.15 | 41.11 0.98 -32.96 | 43.77 -0.41 -47.24 | 38.36 0.87 -30.53 | 31.42 1.49 -19.40 | 23.75 1.68 -10.58 |
| EAST RIVER___6 23660 | 37.02 0.26 -33.20 | 29.14 1.14 -10.06 | 29.54 0.62 -19.40 | 48.82 0.44 -42.07 | 24.89 0.75 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.89 1.03 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| EAST RIVER___7 23524 | 37.02 0.26 -33.20 | 29.14 1.14 -10.06 | 29.54 0.62 -19.40 | 48.82 0.44 -42.07 | 24.89 0.75 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.89 1.03 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 36.91 0.25 -33.10 | 29.06 1.09 -10.03 | 29.46 0.59 -19.35 | 48.67 0.41 -41.95 | 24.82 0.72 -12.23 | 72.03 -0.18 -75.65 | 37.71 -0.07 -38.91 | 45.34 0.17 -42.85 | 43.18 0.62 -33.14 | 40.20 0.49 -32.46 | 34.29 0.14 -32.22 | 54.08 -0.24 -57.69 | 43.94 0.65 -33.77 | 41.42 0.40 -35.59 | 23.47 1.06 -8.21 | 25.82 1.00 -11.40 | 57.14 0.25 -53.49 | 77.05 -0.30 -81.68 | 54.93 0.25 -50.99 | 40.53 0.50 -32.86 | 43.83 -0.22 -47.10 | 37.88 0.49 -30.44 | 29.62 0.76 -18.33 | 22.89 0.84 -10.54 |
| EAST_HAMPTON___DIESEL 23722 | 37.24 0.47 -33.21 | 30.06 2.06 -10.06 | 30.04 1.12 -19.41 | 49.17 0.78 -42.08 | 25.48 1.33 -12.26 | 72.14 -0.30 -75.87 | 37.75 -0.14 -39.02 | 45.64 0.32 -42.98 | 43.94 1.28 -33.24 | 40.75 0.94 -32.56 | 34.51 0.26 -32.32 | 53.98 -0.51 -57.86 | 44.65 1.26 -33.88 | 41.82 0.69 -35.70 | 24.31 1.88 -8.23 | 26.72 1.86 -11.44 | 139.74 0.55 -135.79 | 77.16 -0.44 -81.93 | 55.33 0.49 -51.15 | 41.11 0.98 -32.96 | 43.77 -0.42 -47.24 | 38.36 0.87 -30.53 | 31.42 1.49 -19.40 | 23.76 1.68 -10.58 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| EAST_RIVER___1 323558 | 37.03 0.27 -33.20 | 29.18 1.19 -10.06 | 29.57 0.65 -19.40 | 48.83 0.46 -42.07 | 24.92 0.78 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.65 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.06 0.69 -33.87 | 41.55 0.43 -35.69 | 23.58 1.15 -8.23 | 25.92 1.06 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.13 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.51 -30.52 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| EAST_RIVER___2 323559 | 37.02 0.26 -33.20 | 29.14 1.14 -10.06 | 29.54 0.62 -19.40 | 48.82 0.44 -42.07 | 24.89 0.75 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.50 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.04 0.66 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.89 1.03 -11.44 | 57.29 0.26 -53.64 | 77.29 -0.30 -81.91 | 55.07 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| EAST___DELAWARE_HYD 23607 | 33.80 0.14 -30.10 | 27.66 0.60 -9.13 | 27.43 0.32 -17.59 | 44.68 0.23 -38.15 | 23.37 0.38 -11.12 | 65.25 -0.10 -68.79 | 34.21 -0.04 -35.39 | 41.41 0.10 -38.97 | 39.93 0.36 -30.15 | 37.06 0.28 -29.52 | 31.32 0.08 -29.31 | 48.85 -0.25 -52.47 | 40.31 0.08 -30.72 | 37.87 0.06 -32.37 | 21.83 0.17 -7.47 | 23.96 0.16 -10.37 | 52.08 0.05 -48.64 | 69.89 -0.06 -74.27 | 50.11 0.06 -46.37 | 37.18 0.13 -29.88 | 39.63 -0.14 -42.82 | 34.95 0.31 -27.68 | 27.66 0.47 -16.67 | 21.59 0.50 -9.59 |
| ELEC_TRO_TEK 24086 | 37.06 0.30 -33.21 | 29.26 1.27 -10.06 | 29.62 0.69 -19.41 | 48.88 0.49 -42.08 | 24.93 0.79 -12.26 | 72.28 -0.16 -75.87 | 37.82 -0.07 -39.02 | 45.50 0.18 -42.98 | 43.38 0.72 -33.24 | 40.35 0.55 -32.56 | 34.40 0.16 -32.32 | 54.20 -0.30 -57.86 | 44.10 0.72 -33.88 | 41.58 0.45 -35.70 | 23.67 1.25 -8.23 | 26.04 1.18 -11.44 | 57.37 0.32 -53.65 | 77.29 -0.31 -81.93 | 55.11 0.28 -51.15 | 40.68 0.55 -32.96 | 43.96 -0.23 -47.24 | 38.00 0.51 -30.53 | 31.25 0.87 -19.85 | 23.05 0.97 -10.58 |
| ELLENBURG_WT_PWR 323604 | 3.48 -0.08 0.00 | 17.74 -0.19 0.00 | 9.43 -0.08 0.00 | 6.26 -0.04 0.00 | 11.75 -0.12 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.07 0.00 | 9.20 -0.21 0.00 | 7.09 -0.16 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.29 0.00 | 5.29 -0.14 0.00 | 13.86 -0.34 0.00 | 13.10 -0.32 0.00 | 3.31 -0.08 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.03 -0.14 0.00 | -2.98 0.07 0.00 | 6.83 -0.13 0.00 | 10.33 -0.19 0.00 | 11.31 -0.19 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 9.02 0.00 -5.46 | 19.33 -0.26 -1.66 | 12.57 -0.14 -3.19 | 13.11 -0.13 -6.92 | 13.75 -0.14 -2.02 | 9.01 -0.04 -12.49 | 5.28 -0.01 -6.43 | 9.46 0.04 -7.08 | 15.16 0.26 -5.48 | 12.80 0.18 -5.37 | 7.28 0.02 -5.33 | 6.02 -0.15 -9.53 | 15.43 0.34 -5.58 | 11.43 0.11 -5.88 | 15.79 0.23 -1.36 | 15.45 0.15 -1.88 | 12.27 0.05 -8.83 | 9.07 -0.08 -13.48 | 12.09 -0.02 -8.42 | 12.63 0.03 -5.42 | 4.66 -0.06 -7.77 | 12.01 0.03 -5.03 | 13.60 0.06 -3.03 | 13.25 0.01 -1.74 |
| EMPIRE_CC_1 323656 | 45.11 0.17 -41.37 | 31.29 0.81 -12.54 | 34.15 0.45 -24.18 | 59.03 0.29 -52.43 | 27.71 0.55 -15.28 | 90.95 -0.15 -94.54 | 47.57 -0.05 -48.76 | 56.24 0.12 -53.79 | 51.50 0.48 -41.61 | 48.38 0.38 -40.75 | 42.48 0.11 -40.45 | 68.87 -0.19 -72.42 | 52.43 0.52 -42.40 | 50.40 0.29 -44.68 | 25.20 0.72 -10.28 | 28.36 0.69 -14.25 | 70.42 0.18 -66.85 | 97.52 -0.23 -102.08 | 67.61 0.19 -63.73 | 48.61 0.37 -41.07 | 55.65 -0.16 -58.86 | 45.36 0.36 -38.04 | 33.98 0.54 -22.91 | 25.26 0.58 -13.18 |
| EMPIRE_CC_2 323658 | 45.11 0.17 -41.37 | 31.29 0.81 -12.54 | 34.15 0.45 -24.18 | 59.03 0.29 -52.43 | 27.71 0.55 -15.28 | 90.95 -0.15 -94.54 | 47.57 -0.05 -48.76 | 56.24 0.12 -53.79 | 51.50 0.48 -41.61 | 48.38 0.38 -40.75 | 42.48 0.11 -40.45 | 68.87 -0.19 -72.42 | 52.43 0.52 -42.40 | 50.40 0.29 -44.68 | 25.20 0.72 -10.28 | 28.36 0.69 -14.25 | 70.42 0.18 -66.85 | 97.52 -0.23 -102.08 | 67.61 0.19 -63.73 | 48.61 0.37 -41.07 | 55.65 -0.16 -58.86 | 45.36 0.36 -38.04 | 33.98 0.54 -22.91 | 25.26 0.58 -13.18 |
| ERIE_WT_PWR 323693 | 9.23 0.04 -5.63 | 19.61 -0.03 -1.71 | 12.79 -0.02 -3.29 | 13.39 -0.05 -7.14 | 13.97 0.01 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.37 -5.65 | 13.05 0.28 -5.53 | 7.47 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.71 0.45 -5.75 | 11.67 0.18 -6.06 | 16.00 0.40 -1.40 | 15.67 0.31 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.26 0.12 -5.17 | 13.83 0.18 -3.12 | 13.44 0.15 -1.79 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 11.06 0.12 -7.38 | 20.69 0.52 -2.24 | 14.09 0.26 -4.31 | 15.81 0.14 -9.35 | 14.94 0.34 -2.73 | 13.33 -0.10 -16.87 | 7.51 -0.04 -8.68 | 12.00 0.09 -9.57 | 17.22 0.40 -7.40 | 14.81 0.31 -7.25 | 9.20 0.08 -7.20 | 9.38 -0.14 -12.89 | 17.42 0.37 -7.54 | 13.58 0.19 -7.95 | 16.53 0.50 -1.83 | 16.46 0.50 -2.54 | 15.45 0.13 -11.93 | 13.72 -0.17 -18.21 | 15.19 0.13 -11.37 | 14.77 0.27 -7.33 | 7.34 -0.11 -10.50 | 14.01 0.27 -6.79 | 14.99 0.38 -4.09 | 14.24 0.39 -2.35 |
| E_CANADA_CAP_HY 24051 | 62.47 0.17 -58.74 | 36.62 0.88 -17.80 | 44.31 0.46 -34.33 | 81.09 0.35 -74.43 | 34.14 0.57 -21.70 | 130.64 -0.14 -134.21 | 68.59 -0.06 -69.78 | 79.92 0.16 -77.42 | 69.86 0.54 -59.89 | 66.29 0.39 -58.65 | 60.24 0.09 -58.22 | 100.71 -0.17 -104.24 | 71.10 0.55 -61.03 | 70.01 0.26 -64.31 | 29.66 0.79 -14.67 | 34.33 0.68 -20.23 | 98.45 0.15 -94.90 | 140.39 -0.20 -144.92 | 94.35 0.19 -90.47 | 65.85 0.38 -58.30 | 80.34 -0.16 -83.56 | 61.30 0.34 -54.01 | 43.55 0.49 -32.53 | 30.72 0.51 -18.71 |
| E_CANADA_MHWK_HY 24050 | 2.89 0.18 0.85 | 18.37 0.70 0.26 | 9.38 0.36 0.49 | 5.40 0.16 1.07 | 12.01 0.44 0.31 | -5.54 -0.17 1.94 | -2.13 -0.04 0.96 | 1.37 0.06 1.03 | 8.98 0.37 0.80 | 6.79 0.32 0.78 | 1.24 0.09 0.78 | -4.94 -0.18 1.39 | 9.16 0.46 0.81 | 4.85 0.27 0.86 | 14.62 0.63 0.20 | 13.72 0.59 0.29 | 2.18 0.15 1.37 | -6.62 -0.20 2.09 | 2.54 0.15 1.31 | 6.65 0.32 0.84 | -4.40 -0.14 1.21 | 6.52 0.34 0.78 | 10.51 0.46 0.47 | 11.70 0.47 0.27 |
| E_FISHKILL___LBMP 23776 | 37.67 0.22 -33.88 | 29.22 1.02 -10.27 | 29.87 0.55 -19.81 | 49.63 0.37 -42.94 | 25.05 0.66 -12.52 | 73.83 -0.17 -77.43 | 38.63 -0.06 -39.83 | 46.34 0.15 -43.86 | 43.92 0.57 -33.93 | 40.94 0.46 -33.22 | 35.04 0.13 -32.98 | 55.46 -0.22 -59.05 | 44.68 0.60 -34.57 | 42.23 0.36 -36.43 | 23.57 0.97 -8.40 | 26.00 0.91 -11.67 | 58.38 0.23 -54.75 | 79.00 -0.28 -83.61 | 56.12 0.23 -52.20 | 41.27 0.46 -33.64 | 44.96 -0.20 -48.21 | 38.56 0.45 -31.16 | 29.98 0.69 -18.77 | 23.06 0.77 -10.79 |
| FAR ROCKAWAY___4 23548 | 37.11 0.34 -33.21 | 29.50 1.51 -10.06 | 29.74 0.81 -19.41 | 48.96 0.57 -42.08 | 25.08 0.94 -12.26 | 72.24 -0.20 -75.87 | 37.80 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.49 0.83 -33.24 | 40.45 0.64 -32.56 | 34.42 0.18 -32.32 | 54.15 -0.34 -57.86 | 44.24 0.85 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.25 1.39 -11.44 | 57.42 0.37 -53.65 | 77.22 -0.38 -81.93 | 55.17 0.33 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.11 0.62 -30.53 | 31.41 1.02 -19.86 | 23.21 1.14 -10.58 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.03 0.27 -33.20 | 29.17 1.17 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.70 0.79 -18.39 | 22.98 0.90 -10.57 |

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| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.03 0.27 -33.20 | 29.20 1.20 -10.06 | 29.57 0.65 -19.40 | 48.84 0.46 -42.07 | 24.93 0.79 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.93 1.08 -11.44 | 57.30 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 38.00 0.51 -30.52 | 29.72 0.81 -18.39 | 23.00 0.92 -10.57 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.02 0.27 -33.20 | 29.18 1.18 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.92 0.78 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.64 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.68 -33.87 | 41.55 0.43 -35.69 | 23.58 1.15 -8.23 | 25.92 1.06 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.52 | 29.71 0.80 -18.39 | 22.99 0.91 -10.57 |
| FARRAGUT___LBMP 323566 | 37.03 0.27 -33.20 | 29.17 1.17 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.70 0.79 -18.39 | 22.98 0.90 -10.57 |
| FENNER___WINDPWR 24204 | 7.47 0.07 -3.83 | 19.43 0.34 -1.16 | 11.92 0.17 -2.24 | 11.25 0.09 -4.86 | 13.50 0.20 -1.42 | 5.26 -0.07 -8.75 | 3.36 -0.02 -4.52 | 7.38 0.07 -4.98 | 13.56 0.28 -3.85 | 11.25 0.21 -3.78 | 5.73 0.05 -3.75 | 3.24 -0.10 -6.71 | 13.70 0.26 -3.93 | 9.72 0.14 -4.14 | 15.52 0.37 -0.95 | 15.09 0.36 -1.32 | 9.68 0.10 -6.19 | 4.99 -0.13 -9.45 | 9.69 0.10 -5.90 | 11.19 0.22 -3.80 | 2.31 -0.10 -5.45 | 10.70 0.21 -3.52 | 12.94 0.30 -2.12 | 13.01 0.29 -1.22 |
| FIBERTEK___ENERGY 23856 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| FITZPATRICK____ 23598 | 5.69 -0.07 -2.19 | 18.19 -0.41 -0.66 | 10.57 -0.22 -1.28 | 8.94 -0.15 -2.78 | 12.42 -0.27 -0.81 | 1.66 0.07 -5.02 | 1.47 0.02 -2.59 | 5.15 -0.03 -2.85 | 11.48 -0.14 -2.21 | 9.30 -0.11 -2.16 | 4.04 -0.03 -2.14 | 0.51 0.04 -3.84 | 11.62 -0.14 -2.25 | 7.71 -0.09 -2.37 | 14.50 -0.24 -0.54 | 13.94 -0.23 -0.76 | 6.89 -0.06 -3.55 | 1.16 0.07 -5.42 | 7.00 -0.07 -3.38 | 9.22 -0.13 -2.18 | 0.13 0.05 -3.12 | 8.85 -0.12 -2.02 | 11.55 -0.19 -1.22 | 11.97 -0.23 -0.70 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 37.78 0.27 -33.95 | 29.44 1.22 -10.29 | 30.01 0.65 -19.84 | 49.77 0.44 -43.02 | 25.21 0.79 -12.54 | 73.93 -0.21 -77.57 | 38.71 -0.08 -39.92 | 46.49 0.19 -43.97 | 44.13 0.70 -34.01 | 41.12 0.55 -33.31 | 35.15 0.16 -33.07 | 55.57 -0.26 -59.20 | 44.90 0.73 -34.66 | 42.39 0.43 -36.52 | 23.76 1.15 -8.42 | 26.20 1.08 -11.70 | 58.52 0.28 -54.85 | 79.10 -0.34 -83.76 | 56.27 0.29 -52.29 | 41.44 0.57 -33.70 | 45.00 -0.25 -48.29 | 38.72 0.55 -31.21 | 30.16 0.83 -18.80 | 23.22 0.91 -10.81 |
| FORT ORANGE____ 23900 | 46.32 0.18 -42.58 | 31.66 0.82 -12.91 | 34.85 0.45 -24.89 | 60.57 0.31 -53.96 | 28.16 0.56 -15.73 | 93.72 -0.15 -97.31 | 49.20 -0.05 -50.39 | 58.20 0.11 -55.75 | 53.00 0.45 -43.13 | 49.84 0.36 -42.23 | 43.95 0.10 -41.92 | 71.52 -0.17 -75.06 | 53.94 0.48 -43.95 | 52.02 0.27 -46.31 | 25.50 0.69 -10.62 | 28.72 0.63 -14.67 | 72.37 0.16 -68.81 | 100.53 -0.21 -105.06 | 69.46 0.17 -65.59 | 49.79 0.35 -42.27 | 57.38 -0.15 -60.58 | 46.44 0.33 -39.15 | 34.60 0.49 -23.58 | 25.60 0.53 -13.56 |
| FORT_DRUM_COGEN 23780 | 4.99 0.04 -1.39 | 18.46 0.10 -0.42 | 10.38 0.05 -0.82 | 8.10 0.03 -1.77 | 12.49 0.10 -0.51 | -0.30 -0.05 -3.19 | 0.50 -0.02 -1.65 | 4.21 0.04 -1.83 | 10.99 0.16 -1.42 | 8.74 0.10 -1.39 | 3.33 0.03 -1.37 | -0.95 -0.05 -2.46 | 11.12 0.17 -1.44 | 7.02 0.07 -1.52 | 14.79 0.24 -0.35 | 14.11 0.21 -0.48 | 5.68 0.04 -2.25 | -0.96 -0.07 -3.44 | 5.90 0.06 -2.15 | 8.70 0.15 -1.39 | -1.13 -0.07 -1.98 | 8.37 0.13 -1.28 | 11.44 0.15 -0.77 | 11.97 0.03 -0.45 |
| FPL_FAR_ROCK_GT1 24212 | 37.11 0.34 -33.21 | 29.50 1.51 -10.06 | 29.74 0.81 -19.41 | 48.96 0.57 -42.08 | 25.08 0.94 -12.26 | 72.24 -0.20 -75.87 | 37.80 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.49 0.83 -33.24 | 40.45 0.64 -32.56 | 34.42 0.18 -32.32 | 54.15 -0.34 -57.86 | 44.24 0.85 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.25 1.39 -11.44 | 57.42 0.37 -53.65 | 77.22 -0.38 -81.93 | 55.17 0.33 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.11 0.62 -30.53 | 31.41 1.02 -19.86 | 23.21 1.14 -10.58 |
| FPL_FAR_ROCK_GT2 23815 | 37.11 0.34 -33.21 | 29.50 1.51 -10.06 | 29.74 0.81 -19.41 | 48.96 0.57 -42.08 | 25.08 0.94 -12.26 | 72.24 -0.20 -75.87 | 37.80 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.49 0.83 -33.24 | 40.45 0.64 -32.56 | 34.42 0.18 -32.32 | 54.15 -0.34 -57.86 | 44.24 0.85 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.25 1.39 -11.44 | 57.42 0.37 -53.65 | 77.22 -0.38 -81.93 | 55.17 0.33 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.11 0.62 -30.53 | 31.41 1.02 -19.86 | 23.21 1.14 -10.58 |
| FRANKLIN_FALL_HYD 24054 | 3.50 -0.06 0.00 | 17.84 -0.09 0.00 | 9.48 -0.03 0.00 | 6.30 -0.01 0.00 | 11.82 -0.05 0.00 | -3.42 0.02 0.00 | -1.12 0.01 0.00 | 2.29 -0.05 0.00 | 9.26 -0.15 0.00 | 7.14 -0.11 0.00 | 1.90 -0.03 0.00 | -3.29 0.08 0.00 | 9.30 -0.21 0.00 | 5.32 -0.11 0.00 | 13.97 -0.22 0.00 | 13.20 -0.22 0.00 | 3.32 -0.07 0.00 | -4.24 0.09 0.00 | 3.64 -0.05 0.00 | 7.07 -0.10 0.00 | -3.01 0.04 0.00 | 6.89 -0.07 0.00 | 10.41 -0.11 0.00 | 11.38 -0.12 0.00 |
| FREEPORT_EQUS_GT1 23764 | 37.10 0.33 -33.21 | 29.42 1.42 -10.06 | 29.70 0.77 -19.41 | 48.95 0.56 -42.08 | 25.03 0.89 -12.26 | 72.27 -0.17 -75.87 | 37.81 -0.08 -39.02 | 45.52 0.21 -42.98 | 43.46 0.80 -33.24 | 40.41 0.61 -32.56 | 34.42 0.17 -32.32 | 54.16 -0.34 -57.86 | 44.13 0.75 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.15 1.30 -11.44 | 57.41 0.36 -53.65 | 77.28 -0.32 -81.93 | 55.14 0.30 -51.15 | 40.74 0.61 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 31.05 0.97 -19.56 | 23.15 1.07 -10.58 |
| FREEPORT___CT2 23818 | 37.10 0.33 -33.21 | 29.42 1.42 -10.06 | 29.70 0.77 -19.41 | 48.95 0.56 -42.08 | 25.03 0.89 -12.26 | 72.27 -0.17 -75.87 | 37.81 -0.08 -39.02 | 45.52 0.21 -42.98 | 43.46 0.80 -33.24 | 40.41 0.61 -32.56 | 34.42 0.17 -32.32 | 54.16 -0.34 -57.86 | 44.13 0.75 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.15 1.30 -11.44 | 57.41 0.36 -53.65 | 77.28 -0.32 -81.93 | 55.14 0.30 -51.15 | 40.74 0.61 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 31.05 0.97 -19.56 | 23.15 1.07 -10.58 |
| FULTON COGEN____ 23766 | 6.30 -0.02 -2.77 | 18.59 -0.18 -0.84 | 11.03 -0.10 -1.62 | 9.74 -0.08 -3.51 | 12.78 -0.12 -1.02 | 2.91 0.03 -6.32 | 2.13 0.00 -3.26 | 5.92 0.00 -3.59 | 12.20 0.00 -2.78 | 9.97 0.00 -2.72 | 4.63 0.00 -2.70 | 1.46 0.00 -4.83 | 12.34 0.00 -2.83 | 8.39 -0.02 -2.98 | 14.83 -0.05 -0.69 | 14.31 -0.06 -0.95 | 7.85 -0.01 -4.47 | 2.51 0.01 -6.83 | 7.93 -0.02 -4.26 | 9.89 -0.03 -2.74 | 0.89 0.01 -3.94 | 9.48 -0.03 -2.54 | 12.00 -0.05 -1.53 | 12.31 -0.08 -0.88 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| FULTON___LFGE 323630 | 58.98 0.39 -55.02 | 36.54 1.93 -16.68 | 42.69 1.01 -32.16 | 76.72 0.68 -69.73 | 33.47 1.26 -20.33 | 121.94 -0.36 -125.73 | 64.21 -0.13 -65.48 | 75.38 0.31 -72.74 | 66.82 1.13 -56.27 | 63.18 0.82 -55.10 | 56.83 0.20 -54.70 | 94.16 -0.40 -97.93 | 68.01 1.17 -57.34 | 66.47 0.61 -60.42 | 29.62 1.66 -13.76 | 33.78 1.41 -18.96 | 92.65 0.34 -88.90 | 130.93 -0.51 -135.76 | 88.90 0.46 -84.75 | 62.70 0.91 -54.62 | 74.83 -0.39 -78.27 | 58.41 0.86 -50.59 | 42.21 1.21 -30.47 | 30.28 1.26 -17.53 |
| G.F.CEMENT___DRP 24184 | 50.93 0.28 -47.09 | 33.52 1.32 -14.27 | 37.78 0.74 -27.53 | 66.47 0.48 -59.68 | 30.16 0.88 -17.40 | 103.89 -0.29 -107.61 | 54.90 -0.10 -56.13 | 64.95 0.19 -62.42 | 58.54 0.84 -48.29 | 55.21 0.68 -47.28 | 49.05 0.18 -46.94 | 80.37 -0.30 -84.04 | 59.62 0.92 -49.20 | 57.74 0.47 -51.85 | 27.14 1.16 -11.79 | 30.82 1.17 -16.23 | 79.80 0.31 -76.09 | 111.47 -0.40 -116.20 | 76.58 0.35 -72.54 | 54.61 0.69 -46.75 | 63.67 -0.27 -67.00 | 50.90 0.64 -43.30 | 37.51 0.90 -26.08 | 27.40 0.90 -15.00 |
| GARDENVILLE___LBMP 24039 | 9.18 0.03 -5.59 | 19.52 -0.11 -1.70 | 12.72 -0.06 -3.27 | 13.32 -0.07 -7.09 | 13.91 -0.03 -2.07 | 9.27 -0.07 -12.78 | 5.42 -0.02 -6.58 | 9.64 0.05 -7.25 | 15.35 0.33 -5.61 | 12.99 0.24 -5.49 | 7.42 0.04 -5.45 | 6.22 -0.18 -9.76 | 15.64 0.41 -5.71 | 11.61 0.16 -6.02 | 15.93 0.35 -1.39 | 15.60 0.26 -1.93 | 12.50 0.07 -9.04 | 9.35 -0.12 -13.80 | 12.32 0.01 -8.61 | 12.81 0.09 -5.55 | 4.82 -0.09 -7.95 | 12.19 0.09 -5.14 | 13.76 0.14 -3.10 | 13.38 0.10 -1.78 |
| GENERAL___MILLS 23808 | 9.23 0.04 -5.63 | 19.59 -0.05 -1.71 | 12.78 -0.03 -3.29 | 13.39 -0.06 -7.14 | 13.96 0.00 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.36 -5.65 | 13.05 0.27 -5.53 | 7.46 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.70 0.44 -5.75 | 11.67 0.18 -6.06 | 15.99 0.39 -1.40 | 15.66 0.30 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.25 0.11 -5.17 | 13.82 0.18 -3.12 | 13.43 0.14 -1.79 |
| GE_PLASTICS___DRP 24183 | 46.16 0.16 -42.43 | 31.56 0.76 -12.86 | 34.74 0.42 -24.80 | 60.36 0.28 -53.77 | 28.07 0.51 -15.68 | 93.39 -0.14 -96.97 | 48.72 -0.05 -49.90 | 57.42 0.11 -54.98 | 52.40 0.45 -42.53 | 49.26 0.36 -41.65 | 43.37 0.10 -41.34 | 70.48 -0.18 -74.02 | 53.34 0.49 -43.34 | 51.38 0.28 -45.67 | 25.42 0.68 -10.55 | 28.64 0.61 -14.62 | 72.11 0.15 -68.56 | 100.17 -0.20 -104.70 | 69.22 0.16 -65.36 | 49.62 0.32 -42.12 | 57.18 -0.14 -60.37 | 46.29 0.31 -39.02 | 34.50 0.47 -23.50 | 25.53 0.51 -13.52 |
| GILBOA___1 23756 | 36.18 0.15 -32.46 | 28.45 0.68 -9.84 | 28.86 0.37 -18.97 | 47.69 0.24 -41.14 | 24.32 0.45 -11.99 | 70.63 -0.12 -74.18 | 36.95 -0.04 -38.12 | 44.39 0.10 -41.96 | 42.25 0.38 -32.46 | 39.34 0.30 -31.78 | 33.57 0.08 -31.55 | 52.99 -0.14 -56.49 | 42.99 0.40 -33.07 | 40.52 0.23 -34.85 | 22.88 0.64 -8.04 | 25.21 0.60 -11.19 | 56.01 0.15 -52.45 | 75.59 -0.18 -80.10 | 53.84 0.15 -50.00 | 39.68 0.28 -32.22 | 43.01 -0.12 -46.18 | 37.09 0.28 -29.85 | 28.95 0.44 -17.98 | 22.34 0.50 -10.34 |
| GILBOA___2 23757 | 36.18 0.15 -32.46 | 28.45 0.68 -9.84 | 28.86 0.37 -18.97 | 47.69 0.24 -41.14 | 24.32 0.45 -11.99 | 70.63 -0.12 -74.18 | 36.95 -0.04 -38.12 | 44.39 0.10 -41.96 | 42.25 0.38 -32.46 | 39.34 0.30 -31.78 | 33.57 0.08 -31.55 | 52.99 -0.14 -56.49 | 42.99 0.40 -33.07 | 40.52 0.23 -34.85 | 22.88 0.64 -8.04 | 25.21 0.60 -11.19 | 56.01 0.15 -52.45 | 75.59 -0.18 -80.10 | 53.84 0.15 -50.00 | 39.68 0.28 -32.22 | 43.01 -0.12 -46.18 | 37.09 0.28 -29.85 | 28.95 0.44 -17.98 | 22.34 0.50 -10.34 |
| GILBOA___3 23758 | 36.18 0.15 -32.46 | 28.45 0.68 -9.84 | 28.86 0.37 -18.97 | 47.69 0.24 -41.14 | 24.32 0.45 -11.99 | 70.63 -0.12 -74.18 | 36.95 -0.04 -38.12 | 44.39 0.10 -41.96 | 42.25 0.38 -32.46 | 39.34 0.30 -31.78 | 33.57 0.08 -31.55 | 52.99 -0.14 -56.49 | 42.99 0.40 -33.07 | 40.52 0.23 -34.85 | 22.88 0.64 -8.04 | 25.21 0.60 -11.19 | 56.01 0.15 -52.45 | 75.59 -0.18 -80.10 | 53.84 0.15 -50.00 | 39.68 0.28 -32.22 | 43.01 -0.12 -46.18 | 37.09 0.28 -29.85 | 28.95 0.44 -17.98 | 22.34 0.50 -10.34 |
| GILBOA___4 23759 | 36.18 0.15 -32.46 | 28.45 0.68 -9.84 | 28.86 0.37 -18.97 | 47.69 0.24 -41.14 | 24.32 0.45 -11.99 | 70.63 -0.12 -74.18 | 36.95 -0.04 -38.12 | 44.39 0.10 -41.96 | 42.25 0.38 -32.46 | 39.34 0.30 -31.78 | 33.57 0.08 -31.55 | 52.99 -0.14 -56.49 | 42.99 0.40 -33.07 | 40.52 0.23 -34.85 | 22.88 0.64 -8.04 | 25.21 0.60 -11.19 | 56.01 0.15 -52.45 | 75.59 -0.18 -80.10 | 53.84 0.15 -50.00 | 39.68 0.28 -32.22 | 43.01 -0.12 -46.18 | 37.09 0.28 -29.85 | 28.95 0.44 -17.98 | 22.34 0.50 -10.34 |
| GILBOA___ 23599 | 36.18 0.15 -32.46 | 28.45 0.68 -9.84 | 28.86 0.37 -18.97 | 47.69 0.24 -41.14 | 24.32 0.45 -11.99 | 70.63 -0.12 -74.18 | 36.95 -0.04 -38.12 | 44.39 0.10 -41.96 | 42.25 0.38 -32.46 | 39.34 0.30 -31.78 | 33.57 0.08 -31.55 | 52.99 -0.14 -56.49 | 42.99 0.40 -33.07 | 40.52 0.23 -34.85 | 22.88 0.64 -8.04 | 25.21 0.60 -11.19 | 56.01 0.15 -52.45 | 75.59 -0.18 -80.10 | 53.84 0.15 -50.00 | 39.68 0.28 -32.22 | 43.01 -0.12 -46.18 | 37.09 0.28 -29.85 | 28.95 0.44 -17.98 | 22.34 0.50 -10.34 |
| GINNA___ 23603 | 7.45 -0.17 -4.05 | 18.20 -0.97 -1.23 | 11.37 -0.52 -2.37 | 11.09 -0.36 -5.14 | 12.74 -0.63 -1.50 | 5.97 0.14 -9.26 | 3.68 0.04 -4.77 | 7.52 -0.07 -5.25 | 13.22 -0.25 -4.06 | 11.03 -0.20 -3.98 | 5.81 -0.07 -3.95 | 3.77 0.06 -7.07 | 13.41 -0.24 -4.14 | 9.62 -0.17 -4.36 | 14.71 -0.49 -1.01 | 14.32 -0.49 -1.39 | 9.82 -0.12 -6.55 | 5.81 0.14 -10.00 | 9.77 -0.16 -6.24 | 10.92 -0.27 -4.02 | 2.81 0.09 -5.76 | 10.42 -0.27 -3.73 | 12.34 -0.42 -2.24 | 12.27 -0.52 -1.29 |
| GLEN PARK___ 23778 | 5.07 0.04 -1.47 | 18.48 0.10 -0.45 | 10.43 0.05 -0.86 | 8.21 0.03 -1.87 | 12.52 0.10 -0.55 | -0.11 -0.05 -3.37 | 0.59 -0.02 -1.75 | 4.32 0.05 -1.93 | 11.08 0.16 -1.50 | 8.82 0.10 -1.47 | 3.41 0.03 -1.45 | -0.80 -0.04 -2.61 | 11.20 0.16 -1.53 | 7.11 0.07 -1.61 | 14.81 0.25 -0.37 | 14.14 0.22 -0.51 | 5.82 0.04 -2.39 | -0.76 -0.08 -3.64 | 6.03 0.06 -2.27 | 8.79 0.16 -1.47 | -1.02 -0.07 -2.10 | 8.45 0.14 -1.36 | 11.49 0.15 -0.82 | 12.00 0.03 -0.47 |
| GLENWOOD_IC_1_G5 23712 | 37.06 0.29 -33.21 | 29.29 1.30 -10.06 | 29.63 0.70 -19.41 | 48.88 0.50 -42.08 | 24.97 0.83 -12.26 | 72.25 -0.19 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.19 -42.98 | 43.40 0.73 -33.24 | 40.38 0.58 -32.56 | 34.41 0.16 -32.32 | 54.20 -0.29 -57.86 | 44.15 0.76 -33.88 | 41.60 0.46 -35.70 | 23.69 1.26 -8.23 | 26.05 1.19 -11.44 | 57.36 0.31 -53.65 | 77.27 -0.33 -81.93 | 55.13 0.29 -51.15 | 40.71 0.58 -32.96 | 43.94 -0.25 -47.24 | 38.04 0.55 -30.53 | 31.05 0.89 -19.63 | 23.07 0.99 -10.58 |
| GLENWOOD_IC_2_G1 23688 | 37.04 0.27 -33.21 | 29.21 1.21 -10.06 | 29.58 0.66 -19.41 | 48.84 0.46 -42.08 | 24.92 0.78 -12.26 | 72.26 -0.18 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.34 0.68 -33.24 | 40.35 0.54 -32.56 | 34.40 0.15 -32.32 | 54.23 -0.27 -57.86 | 44.10 0.72 -33.88 | 41.56 0.43 -35.70 | 23.59 1.16 -8.23 | 25.95 1.09 -11.44 | 57.33 0.28 -53.65 | 77.28 -0.31 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 38.01 0.52 -30.53 | 29.74 0.82 -18.39 | 23.00 0.92 -10.58 |
| GLENWOOD_IC_3_G1 23689 | 37.04 0.27 -33.21 | 29.21 1.21 -10.06 | 29.58 0.66 -19.41 | 48.84 0.46 -42.08 | 24.92 0.78 -12.26 | 72.26 -0.18 -75.87 | 37.82 -0.07 -39.02 | 45.49 0.18 -42.98 | 43.34 0.68 -33.24 | 40.35 0.54 -32.56 | 34.40 0.15 -32.32 | 54.23 -0.27 -57.86 | 44.10 0.72 -33.88 | 41.56 0.43 -35.70 | 23.59 1.16 -8.23 | 25.95 1.09 -11.44 | 57.33 0.28 -53.65 | 77.28 -0.31 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 38.01 0.52 -30.53 | 29.74 0.82 -18.39 | 23.00 0.92 -10.58 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD___4 23550 | 37.06 0.29 -33.21 | 29.29 1.30 -10.06 | 29.63 0.70 -19.41 | 48.88 0.50 -42.08 | 24.97 0.83 -12.26 | 72.25 -0.19 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.19 -42.98 | 43.40 0.73 -33.24 | 40.38 0.58 -32.56 | 34.41 0.16 -32.32 | 54.20 -0.29 -57.86 | 44.15 0.76 -33.88 | 41.60 0.46 -35.70 | 23.69 1.26 -8.23 | 26.05 1.19 -11.44 | 57.36 0.31 -53.65 | 77.27 -0.33 -81.93 | 55.13 0.29 -51.15 | 40.71 0.58 -32.96 | 43.94 -0.25 -47.24 | 38.04 0.55 -30.53 | 31.05 0.89 -19.63 | 23.07 0.99 -10.58 |
| GLENWOOD___5 23614 | 37.06 0.29 -33.21 | 29.29 1.30 -10.06 | 29.63 0.70 -19.41 | 48.88 0.50 -42.08 | 24.97 0.83 -12.26 | 72.25 -0.19 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.19 -42.98 | 43.40 0.73 -33.24 | 40.38 0.58 -32.56 | 34.41 0.16 -32.32 | 54.20 -0.29 -57.86 | 44.15 0.76 -33.88 | 41.60 0.46 -35.70 | 23.69 1.26 -8.23 | 26.05 1.19 -11.44 | 57.36 0.31 -53.65 | 77.27 -0.33 -81.93 | 55.13 0.29 -51.15 | 40.71 0.58 -32.96 | 43.94 -0.25 -47.24 | 38.04 0.55 -30.53 | 31.05 0.89 -19.63 | 23.07 0.99 -10.58 |
| GLOBAL GREEN_PORT_GT1 23814 | 37.23 0.47 -33.21 | 30.02 2.03 -10.06 | 30.02 1.10 -19.41 | 49.15 0.76 -42.08 | 25.45 1.30 -12.26 | 72.15 -0.29 -75.87 | 37.75 -0.14 -39.02 | 45.63 0.32 -42.98 | 43.91 1.26 -33.24 | 40.73 0.92 -32.56 | 34.50 0.26 -32.32 | 53.99 -0.50 -57.86 | 44.61 1.23 -33.88 | 41.81 0.68 -35.70 | 24.27 1.84 -8.23 | 26.68 1.82 -11.44 | 139.68 0.55 -135.73 | 77.23 -0.37 -81.93 | 55.32 0.49 -51.15 | 41.09 0.96 -32.96 | 43.78 -0.41 -47.24 | 38.34 0.85 -30.53 | 31.39 1.47 -19.40 | 23.73 1.65 -10.58 |
| GLOBE___DSASP 323697 | 8.63 -0.15 -5.22 | 18.50 -1.02 -1.58 | 12.02 -0.55 -3.05 | 12.52 -0.40 -6.61 | 13.15 -0.65 -1.93 | 8.60 0.10 -11.92 | 5.03 0.03 -6.14 | 9.10 0.00 -6.77 | 14.57 -0.08 -5.23 | 12.24 -0.14 -5.12 | 6.95 -0.06 -5.09 | 5.78 0.04 -9.11 | 14.86 0.02 -5.33 | 10.93 -0.12 -5.62 | 15.20 -0.28 -1.30 | 14.84 -0.38 -1.80 | 11.73 -0.10 -8.43 | 8.65 0.10 -12.88 | 11.55 -0.17 -8.04 | 12.08 -0.27 -5.18 | 4.44 0.06 -7.42 | 11.49 -0.27 -4.80 | 13.02 -0.39 -2.89 | 12.77 -0.39 -1.66 |
| GOETHSLN___LBMP 323567 | 37.01 0.25 -33.20 | 29.08 1.09 -10.06 | 29.52 0.60 -19.40 | 48.81 0.43 -42.07 | 24.87 0.73 -12.26 | 72.26 -0.17 -75.86 | 37.82 -0.07 -39.02 | 45.46 0.16 -42.97 | 43.24 0.59 -33.24 | 40.28 0.48 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 44.01 0.63 -33.87 | 41.52 0.40 -35.69 | 23.50 1.07 -8.23 | 25.84 0.98 -11.44 | 57.28 0.25 -53.64 | 77.30 -0.28 -81.91 | 55.06 0.23 -51.14 | 40.59 0.47 -32.95 | 43.97 -0.21 -47.23 | 37.95 0.47 -30.52 | 29.65 0.74 -18.39 | 22.93 0.85 -10.57 |
| GOODYEAR_LAKE_HYD 323669 | 9.66 0.17 -5.93 | 20.52 0.79 -1.80 | 13.39 0.41 -3.46 | 14.10 0.28 -7.51 | 14.58 0.51 -2.19 | 9.97 -0.14 -13.54 | 5.97 -0.05 -7.15 | 10.49 0.13 -8.02 | 16.14 0.51 -6.21 | 13.73 0.40 -6.08 | 8.07 0.11 -6.03 | 7.26 -0.18 -10.80 | 16.36 0.53 -6.33 | 12.38 0.28 -6.67 | 16.47 0.78 -1.50 | 16.18 0.72 -2.04 | 13.15 0.18 -9.58 | 10.07 -0.22 -14.62 | 13.00 0.19 -9.13 | 13.42 0.37 -5.88 | 5.23 -0.16 -8.43 | 12.76 0.35 -5.45 | 14.33 0.52 -3.28 | 13.95 0.56 -1.89 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 14.09 0.14 -10.38 | 21.74 0.66 -3.15 | 15.90 0.32 -6.07 | 19.64 0.18 -13.16 | 16.15 0.44 -3.84 | 20.18 -0.11 -23.73 | 11.04 -0.04 -12.21 | 15.90 0.10 -13.46 | 20.28 0.45 -10.41 | 17.80 0.35 -10.20 | 12.14 0.10 -10.12 | 14.59 -0.16 -18.12 | 20.58 0.46 -10.61 | 16.86 0.25 -11.18 | 17.42 0.65 -2.58 | 17.60 0.60 -3.58 | 20.33 0.16 -16.78 | 21.10 -0.19 -25.62 | 19.82 0.14 -15.99 | 17.77 0.29 -10.30 | 11.61 -0.11 -14.77 | 16.80 0.30 -9.55 | 16.71 0.44 -5.75 | 15.30 0.49 -3.31 |
| GOUDEY___7 23579 | 14.09 0.15 -10.38 | 21.77 0.69 -3.15 | 15.91 0.33 -6.07 | 19.65 0.18 -13.16 | 16.17 0.45 -3.84 | 20.17 -0.12 -23.73 | 11.04 -0.05 -12.21 | 15.90 0.10 -13.46 | 20.29 0.46 -10.41 | 17.81 0.36 -10.20 | 12.15 0.10 -10.12 | 14.59 -0.17 -18.12 | 20.60 0.48 -10.61 | 16.87 0.25 -11.18 | 17.44 0.67 -2.58 | 17.61 0.62 -3.58 | 20.34 0.16 -16.78 | 21.09 -0.20 -25.62 | 19.83 0.15 -15.99 | 17.78 0.30 -10.30 | 11.61 -0.11 -14.77 | 16.81 0.31 -9.55 | 16.73 0.46 -5.75 | 15.31 0.50 -3.31 |
| GOUDEY___8 23580 | 14.09 0.14 -10.38 | 21.74 0.66 -3.15 | 15.90 0.32 -6.07 | 19.64 0.18 -13.16 | 16.15 0.44 -3.84 | 20.18 -0.11 -23.73 | 11.04 -0.04 -12.21 | 15.90 0.10 -13.46 | 20.28 0.45 -10.41 | 17.80 0.35 -10.20 | 12.14 0.10 -10.12 | 14.59 -0.16 -18.12 | 20.58 0.46 -10.61 | 16.86 0.25 -11.18 | 17.42 0.65 -2.58 | 17.60 0.60 -3.58 | 20.33 0.16 -16.78 | 21.10 -0.19 -25.62 | 19.82 0.14 -15.99 | 17.77 0.29 -10.30 | 11.61 -0.11 -14.77 | 16.80 0.30 -9.55 | 16.71 0.44 -5.75 | 15.30 0.49 -3.31 |
| GOWANUS_GT1_1 24077 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_2 24078 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_3 24079 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_4 24080 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_5 24084 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_6 24111 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_7 24112 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT1_8 24113 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_1 24114 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_2 24115 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_3 24116 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_4 24117 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_5 24118 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_6 24119 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_7 24120 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT2_8 24121 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_1 24122 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_2 24123 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_3 24124 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_4 24125 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_5 24126 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_6 24127 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_7 24128 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT3_8 24129 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_1 24130 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_2 24131 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_3 24132 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_4 24133 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_5 24134 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_6 24135 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_7 24136 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GOWANUS_GT4_8 24137 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GREENIDGE___3 23582 | 10.25 0.10 -6.59 | 20.37 0.44 -2.00 | 13.58 0.22 -3.85 | 14.76 0.11 -8.35 | 14.62 0.31 -2.43 | 11.51 -0.11 -15.05 | 6.57 -0.04 -7.75 | 10.96 0.09 -8.53 | 16.48 0.46 -6.60 | 14.08 0.36 -6.47 | 8.44 0.09 -6.42 | 7.94 -0.19 -11.49 | 16.69 0.46 -6.73 | 12.77 0.25 -7.09 | 16.44 0.61 -1.63 | 16.23 0.55 -2.27 | 14.18 0.14 -10.64 | 11.73 -0.19 -16.25 | 13.97 0.13 -10.14 | 14.00 0.29 -6.54 | 6.20 -0.12 -9.37 | 13.29 0.28 -6.06 | 14.55 0.38 -3.65 | 13.97 0.37 -2.10 |
| GREENIDGE___4 23583 | 10.25 0.10 -6.59 | 20.37 0.44 -2.00 | 13.58 0.22 -3.85 | 14.76 0.11 -8.35 | 14.62 0.31 -2.43 | 11.51 -0.11 -15.05 | 6.57 -0.04 -7.75 | 10.96 0.09 -8.53 | 16.48 0.46 -6.60 | 14.08 0.36 -6.47 | 8.44 0.09 -6.42 | 7.94 -0.19 -11.49 | 16.69 0.46 -6.73 | 12.77 0.25 -7.09 | 16.44 0.61 -1.63 | 16.23 0.55 -2.27 | 14.18 0.14 -10.64 | 11.73 -0.19 -16.25 | 13.97 0.13 -10.14 | 14.00 0.29 -6.54 | 6.20 -0.12 -9.37 | 13.29 0.28 -6.06 | 14.55 0.38 -3.65 | 13.97 0.37 -2.10 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| GROVEVILLE___HYD 323602 | 37.78 0.27 -33.95 | 29.44 1.22 -10.29 | 30.01 0.65 -19.84 | 49.77 0.44 -43.02 | 25.21 0.79 -12.54 | 73.93 -0.21 -77.57 | 38.71 -0.08 -39.92 | 46.49 0.19 -43.97 | 44.13 0.70 -34.01 | 41.12 0.55 -33.31 | 35.15 0.16 -33.07 | 55.57 -0.26 -59.20 | 44.90 0.73 -34.66 | 42.39 0.43 -36.52 | 23.76 1.15 -8.42 | 26.20 1.08 -11.70 | 58.52 0.28 -54.85 | 79.10 -0.34 -83.76 | 56.27 0.29 -52.29 | 41.44 0.57 -33.70 | 45.00 -0.25 -48.29 | 38.72 0.55 -31.21 | 30.16 0.83 -18.80 | 23.22 0.91 -10.81 |

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| HAMPSHIRE___PAPER_HYD 323593 | 3.51 -0.05 0.00 | 17.73 -0.20 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.76 -0.12 0.00 | -3.40 0.03 0.00 | -1.12 0.01 0.00 | 2.30 -0.03 0.00 | 9.26 -0.15 0.00 | 7.13 -0.13 0.00 | 1.89 -0.04 0.00 | -3.29 0.08 0.00 | 9.39 -0.12 0.00 | 5.33 -0.10 0.00 | 14.01 -0.18 0.00 | 13.24 -0.17 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.63 -0.06 0.00 | 7.07 -0.10 0.00 | -3.02 0.03 0.00 | 6.89 -0.07 0.00 | 10.40 -0.12 0.00 | 11.32 -0.17 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 2.86 0.15 0.85 | 18.23 0.55 0.26 | 9.31 0.29 0.49 | 5.36 0.12 1.07 | 11.91 0.35 0.31 | -5.51 -0.14 1.94 | -2.13 -0.03 0.96 | 1.36 0.05 1.03 | 8.91 0.30 0.80 | 6.73 0.26 0.78 | 1.22 0.07 0.78 | -4.90 -0.14 1.39 | 9.07 0.37 0.81 | 4.79 0.22 0.86 | 14.49 0.50 0.20 | 13.60 0.47 0.29 | 2.14 0.11 1.37 | -6.57 -0.15 2.09 | 2.50 0.12 1.31 | 6.58 0.25 0.84 | -4.37 -0.12 1.21 | 6.45 0.27 0.78 | 10.41 0.36 0.47 | 11.60 0.37 0.27 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 35.04 0.24 -31.23 | 28.48 1.09 -9.47 | 28.35 0.58 -18.26 | 46.29 0.40 -39.58 | 24.12 0.71 -11.54 | 67.75 -0.19 -71.37 | 35.50 -0.07 -36.71 | 42.92 0.16 -40.42 | 41.31 0.63 -31.27 | 38.37 0.50 -30.62 | 32.47 0.14 -30.40 | 50.82 -0.24 -54.42 | 42.03 0.66 -31.86 | 39.41 0.40 -33.58 | 22.98 1.04 -7.74 | 25.16 0.98 -10.76 | 54.11 0.25 -50.46 | 72.43 -0.31 -77.06 | 52.06 0.26 -48.11 | 38.69 0.52 -31.00 | 41.16 -0.22 -44.43 | 36.17 0.50 -28.72 | 28.57 0.75 -17.30 | 22.27 0.82 -9.95 |
| HARZA MOOSE___RIVER 24016 | 3.62 0.06 0.00 | 18.19 0.26 0.00 | 9.64 0.12 0.00 | 6.38 0.07 0.00 | 12.04 0.17 0.00 | -3.49 -0.06 0.00 | -1.16 -0.02 0.00 | 2.39 0.05 0.00 | 9.61 0.20 0.00 | 7.40 0.15 0.00 | 1.97 0.04 0.00 | -3.43 -0.06 0.00 | 9.71 0.20 0.00 | 5.53 0.10 0.00 | 14.47 0.28 0.00 | 13.68 0.27 0.00 | 3.46 0.06 0.00 | -4.42 -0.09 0.00 | 3.76 0.07 0.00 | 7.33 0.16 0.00 | -3.12 -0.07 0.00 | 7.12 0.15 0.00 | 10.72 0.20 0.00 | 11.67 0.16 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.30 0.65 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.69 -33.87 | 41.56 0.43 -35.69 | 23.59 1.17 -8.23 | 25.93 1.07 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.14 | 40.64 0.51 -32.95 | 43.96 -0.23 -47.23 | 37.99 0.51 -30.53 | 29.71 0.80 -18.39 | 22.99 0.92 -10.57 |
| HEMPSTEAD____ 23647 | 37.07 0.31 -33.21 | 29.31 1.31 -10.06 | 29.64 0.71 -19.41 | 48.89 0.51 -42.08 | 24.97 0.83 -12.26 | 72.27 -0.17 -75.87 | 37.81 -0.08 -39.02 | 45.50 0.19 -42.98 | 43.40 0.74 -33.24 | 40.38 0.57 -32.56 | 34.41 0.16 -32.32 | 54.19 -0.30 -57.86 | 44.12 0.74 -33.88 | 41.59 0.43 -35.70 | 23.70 1.27 -8.23 | 26.06 1.21 -11.44 | 57.37 0.33 -53.65 | 77.28 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.70 0.57 -32.96 | 43.94 -0.25 -47.24 | 38.01 0.52 -30.53 | 31.02 0.90 -19.59 | 23.07 0.99 -10.58 |
| HICKLING___1 23621 | 12.12 0.19 -8.37 | 21.38 0.91 -2.54 | 14.83 0.42 -4.89 | 17.14 0.23 -10.61 | 15.58 0.61 -3.09 | 15.52 -0.17 -19.12 | 8.64 -0.06 -9.84 | 13.32 0.14 -10.84 | 18.47 0.66 -8.39 | 15.98 0.51 -8.21 | 10.22 0.14 -8.16 | 11.00 -0.24 -14.60 | 18.74 0.68 -8.55 | 14.80 0.36 -9.01 | 17.18 0.91 -2.08 | 17.13 0.83 -2.88 | 17.14 0.22 -13.52 | 16.05 -0.27 -20.65 | 16.77 0.19 -12.89 | 15.89 0.41 -8.31 | 8.70 -0.15 -11.91 | 15.07 0.42 -7.70 | 15.76 0.60 -4.64 | 14.82 0.65 -2.67 |
| HICKLING___2 23622 | 12.12 0.19 -8.37 | 21.38 0.91 -2.54 | 14.83 0.42 -4.89 | 17.14 0.23 -10.61 | 15.58 0.61 -3.09 | 15.52 -0.17 -19.12 | 8.64 -0.06 -9.84 | 13.32 0.14 -10.84 | 18.47 0.66 -8.39 | 15.98 0.51 -8.21 | 10.22 0.14 -8.16 | 11.00 -0.24 -14.60 | 18.74 0.68 -8.55 | 14.80 0.36 -9.01 | 17.18 0.91 -2.08 | 17.13 0.83 -2.88 | 17.14 0.22 -13.52 | 16.05 -0.27 -20.65 | 16.77 0.19 -12.89 | 15.89 0.41 -8.31 | 8.70 -0.15 -11.91 | 15.07 0.42 -7.70 | 15.76 0.60 -4.64 | 14.82 0.65 -2.67 |
| HIGH FALLS___HY 23754 | 36.91 0.23 -33.11 | 29.01 1.04 -10.04 | 29.42 0.55 -19.35 | 48.65 0.38 -41.96 | 24.78 0.67 -12.23 | 72.05 -0.18 -75.67 | 37.73 -0.07 -38.93 | 45.37 0.16 -42.88 | 43.19 0.61 -33.17 | 40.19 0.46 -32.48 | 34.30 0.13 -32.24 | 54.11 -0.25 -57.73 | 43.84 0.53 -33.80 | 41.36 0.31 -35.62 | 23.25 0.84 -8.21 | 25.63 0.80 -11.41 | 57.11 0.21 -53.50 | 77.11 -0.26 -81.70 | 54.92 0.22 -51.01 | 40.50 0.46 -32.87 | 43.84 -0.22 -47.11 | 37.90 0.49 -30.45 | 29.60 0.74 -18.34 | 22.85 0.81 -10.55 |
| HILLBURN___GT 23639 | 35.46 0.24 -31.67 | 28.58 1.05 -9.60 | 28.59 0.57 -18.51 | 46.84 0.40 -40.13 | 24.26 0.69 -11.70 | 68.75 -0.18 -72.36 | 36.02 -0.07 -37.22 | 43.48 0.16 -40.99 | 41.74 0.62 -31.71 | 38.79 0.49 -31.05 | 32.89 0.14 -30.82 | 51.58 -0.23 -55.18 | 42.47 0.65 -32.31 | 39.87 0.39 -34.05 | 23.08 1.04 -7.85 | 25.29 0.97 -10.91 | 54.81 0.25 -51.17 | 73.50 -0.30 -78.13 | 52.72 0.25 -48.78 | 39.11 0.50 -31.43 | 41.78 -0.22 -45.05 | 36.56 0.48 -29.12 | 28.80 0.74 -17.54 | 22.40 0.81 -10.08 |
| HISHELDN_WT_PWR 323625 | 9.61 0.04 -6.01 | 19.73 -0.02 -1.82 | 13.01 -0.02 -3.52 | 13.88 -0.05 -7.62 | 14.13 0.03 -2.22 | 10.23 -0.07 -13.74 | 5.92 -0.03 -7.08 | 10.19 0.06 -7.80 | 15.80 0.36 -6.03 | 13.42 0.26 -5.90 | 7.84 0.05 -5.86 | 6.96 -0.17 -10.49 | 16.08 0.43 -6.14 | 12.08 0.17 -6.47 | 16.07 0.38 -1.49 | 15.78 0.29 -2.07 | 13.19 0.08 -9.72 | 10.39 -0.12 -14.84 | 12.99 0.03 -9.26 | 13.26 0.12 -5.97 | 5.42 -0.09 -8.55 | 12.60 0.11 -5.53 | 14.01 0.16 -3.33 | 13.54 0.12 -1.92 |
| HOLTSVILLE_IC_1 23690 | 37.10 0.34 -33.21 | 29.45 1.45 -10.06 | 29.73 0.81 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.26 -0.19 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.27 0.88 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.23 1.38 -11.44 | 143.40 0.40 -139.60 | 77.24 -0.36 -81.93 | 55.16 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 30.98 1.06 -19.40 | 23.28 1.20 -10.58 |
| HOLTSVILLE_IC_10 23699 | 37.12 0.35 -33.21 | 29.50 1.50 -10.06 | 29.76 0.83 -19.41 | 48.98 0.60 -42.08 | 25.12 0.97 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.59 0.93 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.92 -33.88 | 41.65 0.52 -35.70 | 23.88 1.45 -8.23 | 26.28 1.42 -11.44 | 128.79 0.42 -124.98 | 77.22 -0.38 -81.93 | 55.18 0.34 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.03 1.10 -19.40 | 23.33 1.25 -10.58 |
| HOLTSVILLE_IC_2 23691 | 37.10 0.34 -33.21 | 29.45 1.45 -10.06 | 29.73 0.81 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.26 -0.19 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.27 0.88 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.23 1.38 -11.44 | 143.40 0.40 -139.60 | 77.24 -0.36 -81.93 | 55.16 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 30.98 1.06 -19.40 | 23.28 1.20 -10.58 |
| HOLTSVILLE_IC_3 23692 | 37.10 0.34 -33.21 | 29.45 1.45 -10.06 | 29.73 0.81 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.26 -0.19 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.27 0.88 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.23 1.38 -11.44 | 143.40 0.40 -139.60 | 77.24 -0.36 -81.93 | 55.16 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 30.98 1.06 -19.40 | 23.28 1.20 -10.58 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_4 23693 | 37.10 0.34 -33.21 | 29.45 1.45 -10.06 | 29.73 0.81 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.26 -0.19 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.27 0.88 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.23 1.38 -11.44 | 143.40 0.40 -139.60 | 77.24 -0.36 -81.93 | 55.16 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 30.98 1.06 -19.40 | 23.28 1.20 -10.58 |
| HOLTSVILLE_IC_5 23694 | 37.10 0.34 -33.21 | 29.45 1.45 -10.06 | 29.73 0.81 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.26 -0.19 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.27 0.88 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.23 1.38 -11.44 | 143.40 0.40 -139.60 | 77.24 -0.36 -81.93 | 55.16 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 30.98 1.06 -19.40 | 23.28 1.20 -10.58 |
| HOLTSVILLE_IC_6 23695 | 37.12 0.35 -33.21 | 29.50 1.50 -10.06 | 29.76 0.83 -19.41 | 48.98 0.60 -42.08 | 25.12 0.97 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.59 0.93 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.92 -33.88 | 41.65 0.52 -35.70 | 23.88 1.45 -8.23 | 26.28 1.42 -11.44 | 128.79 0.42 -124.98 | 77.22 -0.38 -81.93 | 55.18 0.34 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.03 1.10 -19.40 | 23.33 1.25 -10.58 |
| HOLTSVILLE_IC_7 23696 | 37.12 0.35 -33.21 | 29.50 1.50 -10.06 | 29.76 0.83 -19.41 | 48.98 0.60 -42.08 | 25.12 0.97 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.59 0.93 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.92 -33.88 | 41.65 0.52 -35.70 | 23.88 1.45 -8.23 | 26.28 1.42 -11.44 | 128.79 0.42 -124.98 | 77.22 -0.38 -81.93 | 55.18 0.34 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.03 1.10 -19.40 | 23.33 1.25 -10.58 |
| HOLTSVILLE_IC_8 23697 | 37.12 0.35 -33.21 | 29.50 1.50 -10.06 | 29.76 0.83 -19.41 | 48.98 0.60 -42.08 | 25.12 0.97 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.59 0.93 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.92 -33.88 | 41.65 0.52 -35.70 | 23.88 1.45 -8.23 | 26.28 1.42 -11.44 | 128.79 0.42 -124.98 | 77.22 -0.38 -81.93 | 55.18 0.34 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.03 1.10 -19.40 | 23.33 1.25 -10.58 |
| HOLTSVILLE_IC_9 23698 | 37.12 0.35 -33.21 | 29.50 1.50 -10.06 | 29.76 0.83 -19.41 | 48.98 0.60 -42.08 | 25.12 0.97 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.59 0.93 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.92 -33.88 | 41.65 0.52 -35.70 | 23.88 1.45 -8.23 | 26.28 1.42 -11.44 | 128.79 0.42 -124.98 | 77.22 -0.38 -81.93 | 55.18 0.34 -51.15 | 40.80 0.67 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.03 1.10 -19.40 | 23.33 1.25 -10.58 |
| HOWARD_WT_PWR 323690 | 10.72 0.17 -6.99 | 20.78 0.72 -2.12 | 13.97 0.36 -4.09 | 15.37 0.20 -8.86 | 14.99 0.53 -2.58 | 12.35 -0.19 -15.98 | 7.03 -0.06 -8.22 | 11.55 0.15 -9.06 | 17.15 0.72 -7.01 | 14.67 0.55 -6.86 | 8.89 0.14 -6.81 | 8.55 -0.29 -12.20 | 17.43 0.78 -7.14 | 13.35 0.39 -7.53 | 16.92 0.99 -1.73 | 16.71 0.88 -2.41 | 14.93 0.23 -11.30 | 12.62 -0.31 -17.25 | 14.67 0.21 -10.77 | 14.57 0.45 -6.94 | 6.70 -0.20 -9.95 | 13.81 0.42 -6.43 | 14.98 0.59 -3.87 | 14.31 0.58 -2.23 |
| HQ_GEN_CEDARS 23644 | 3.43 -0.13 0.00 | 17.46 -0.48 0.00 | 9.27 -0.25 0.00 | 6.17 -0.14 0.00 | 11.56 -0.31 0.00 | -3.34 0.10 0.00 | -1.10 0.04 0.00 | 2.24 -0.10 0.00 | 9.03 -0.39 0.00 | 6.94 -0.31 0.00 | 1.82 -0.11 0.00 | -3.16 0.21 0.00 | 9.10 -0.41 0.00 | 5.20 -0.24 0.00 | 13.63 -0.57 0.00 | 12.89 -0.53 0.00 | 3.25 -0.15 0.00 | -4.14 0.19 0.00 | 3.55 -0.14 0.00 | 6.89 -0.28 0.00 | -2.93 0.12 0.00 | 6.71 -0.25 0.00 | 10.15 -0.37 0.00 | 11.12 -0.38 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 3.43 -0.13 0.00 | 17.46 -0.48 0.00 | 9.27 -0.25 0.00 | 6.17 -0.14 0.00 | 11.56 -0.31 0.00 | -3.34 0.10 0.00 | -1.10 0.04 0.00 | 2.24 -0.10 0.00 | 9.03 -0.39 0.00 | 6.94 -0.31 0.00 | 1.82 -0.11 0.00 | -3.16 0.21 0.00 | 9.10 -0.41 0.00 | 5.20 -0.24 0.00 | 13.63 -0.57 0.00 | 12.89 -0.53 0.00 | 3.25 -0.15 0.00 | -4.14 0.19 0.00 | 3.55 -0.14 0.00 | 6.89 -0.28 0.00 | -2.93 0.12 0.00 | 6.71 -0.25 0.00 | 10.15 -0.37 0.00 | 11.12 -0.38 0.00 |
| HQ_GEN_IMPORT 323601 | 3.48 -0.08 0.00 | 17.64 -0.29 0.00 | 9.36 -0.15 0.00 | 6.22 -0.09 0.00 | 11.68 -0.19 0.00 | -3.37 0.06 -0.01 | -1.11 0.02 0.00 | 2.27 -0.06 0.00 | 9.16 -0.26 0.00 | 7.05 -0.20 0.00 | 1.87 -0.05 0.00 | -3.26 0.10 0.00 | 9.23 -0.28 0.00 | 5.28 -0.15 0.00 | 13.81 -0.39 0.00 | 13.06 -0.36 0.00 | 3.30 -0.09 0.00 | -4.21 0.12 0.00 | 3.60 -0.09 0.00 | 6.99 -0.18 0.00 | -2.97 0.08 0.00 | 6.78 -0.17 0.00 | 10.26 -0.26 0.00 | 11.24 -0.26 0.00 |
| HQ_GEN_WHEEL 23651 | 3.48 -0.08 0.00 | 17.64 -0.29 0.00 | 9.36 -0.15 0.00 | 6.22 -0.09 0.00 | 11.68 -0.19 0.00 | -3.37 0.06 -0.01 | -1.11 0.02 0.00 | 2.27 -0.06 0.00 | 9.16 -0.26 0.00 | 7.05 -0.20 0.00 | 1.87 -0.05 0.00 | -3.26 0.10 0.00 | 9.23 -0.28 0.00 | 5.28 -0.15 0.00 | 13.81 -0.39 0.00 | 13.06 -0.36 0.00 | 3.30 -0.09 0.00 | -4.21 0.12 0.00 | 3.60 -0.09 0.00 | 6.99 -0.18 0.00 | -2.97 0.08 0.00 | 6.78 -0.17 0.00 | 10.26 -0.26 0.00 | 11.24 -0.26 0.00 |
| HUDSON_AVE_GT_3 23810 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.84 0.46 -42.07 | 24.92 0.78 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.30 0.64 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.44 -35.69 | 23.60 1.17 -8.23 | 25.94 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.26 -51.14 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 38.00 0.51 -30.52 | 29.72 0.82 -18.39 | 23.00 0.93 -10.57 |
| HUDSON_AVE_GT_4 23540 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.84 0.46 -42.07 | 24.92 0.78 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.30 0.64 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.44 -35.69 | 23.60 1.17 -8.23 | 25.94 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.26 -51.14 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 38.00 0.51 -30.52 | 29.72 0.82 -18.39 | 23.00 0.93 -10.57 |
| HUDSON_AVE_GT_5 23657 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.84 0.46 -42.07 | 24.92 0.78 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.30 0.64 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.44 -35.69 | 23.60 1.17 -8.23 | 25.94 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.26 -51.14 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 38.00 0.51 -30.52 | 29.72 0.82 -18.39 | 23.00 0.93 -10.57 |
| HUDSON_AVE_10 24168 | 37.01 0.25 -33.20 | 29.10 1.10 -10.06 | 29.52 0.60 -19.40 | 48.80 0.42 -42.07 | 24.86 0.72 -12.26 | 72.25 -0.17 -75.86 | 37.81 -0.07 -39.01 | 45.46 0.16 -42.96 | 43.25 0.60 -33.24 | 40.28 0.48 -32.55 | 34.37 0.14 -32.31 | 54.25 -0.23 -57.85 | 44.02 0.64 -33.87 | 41.53 0.41 -35.69 | 23.50 1.08 -8.23 | 25.83 0.99 -11.43 | 57.28 0.25 -53.64 | 77.30 -0.29 -81.91 | 55.06 0.24 -51.14 | 40.60 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.96 0.48 -30.52 | 29.68 0.77 -18.39 | 22.95 0.87 -10.57 |

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| HUNTER MOUNT___DRP 323613 | 40.39 0.26 -36.57 | 30.21 1.20 -11.09 | 31.53 0.64 -21.38 | 53.08 0.43 -46.35 | 26.18 0.79 -13.51 | 79.93 -0.21 -83.58 | 41.79 -0.08 -43.01 | 49.89 0.18 -47.38 | 46.79 0.73 -36.65 | 43.71 0.57 -35.89 | 37.71 0.16 -35.62 | 60.17 -0.25 -63.78 | 47.58 0.73 -37.34 | 45.22 0.43 -39.35 | 24.38 1.11 -9.08 | 27.04 1.02 -12.60 | 62.76 0.26 -59.10 | 85.58 -0.34 -90.24 | 60.32 0.29 -56.34 | 44.05 0.58 -36.31 | 48.74 -0.25 -52.03 | 41.13 0.54 -33.63 | 31.58 0.80 -20.26 | 23.99 0.84 -11.65 |
| HUNTINGTON_RES_REC 323705 | 37.08 0.32 -33.21 | 29.34 1.34 -10.06 | 29.67 0.75 -19.41 | 48.92 0.54 -42.08 | 25.01 0.87 -12.26 | 72.28 -0.16 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.20 -42.98 | 43.46 0.80 -33.24 | 40.41 0.60 -32.56 | 34.41 0.17 -32.32 | 54.16 -0.33 -57.86 | 44.18 0.80 -33.88 | 41.59 0.46 -35.70 | 23.74 1.31 -8.23 | 26.14 1.28 -11.44 | 90.83 0.36 -87.08 | 77.27 -0.33 -81.93 | 55.13 0.30 -51.15 | 40.72 0.59 -32.96 | 43.94 -0.25 -47.24 | 38.03 0.54 -30.53 | 30.90 0.97 -19.40 | 23.15 1.08 -10.58 |
| HUNTLEY___63 23557 | 8.84 -0.02 -5.31 | 19.15 -0.39 -1.61 | 12.40 -0.21 -3.10 | 12.85 -0.18 -6.73 | 13.60 -0.23 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.27 0.05 -6.88 | 14.97 0.23 -5.32 | 12.60 0.13 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.11 -9.26 | 15.24 0.31 -5.42 | 11.22 0.08 -5.71 | 15.69 0.17 -1.32 | 15.32 0.07 -1.83 | 11.99 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.02 -5.27 | 4.46 -0.04 -7.55 | 11.82 -0.01 -4.88 | 13.44 -0.02 -2.94 | 13.15 -0.05 -1.69 |
| HUNTLEY___64 23558 | 8.84 -0.02 -5.31 | 19.15 -0.39 -1.61 | 12.40 -0.21 -3.10 | 12.85 -0.18 -6.73 | 13.60 -0.23 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.27 0.05 -6.88 | 14.97 0.23 -5.32 | 12.60 0.13 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.11 -9.26 | 15.24 0.31 -5.42 | 11.22 0.08 -5.71 | 15.69 0.17 -1.32 | 15.32 0.07 -1.83 | 11.99 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.02 -5.27 | 4.46 -0.04 -7.55 | 11.82 -0.01 -4.88 | 13.44 -0.02 -2.94 | 13.15 -0.05 -1.69 |
| HUNTLEY___65 23559 | 8.84 -0.02 -5.31 | 19.15 -0.39 -1.61 | 12.40 -0.21 -3.10 | 12.85 -0.18 -6.73 | 13.60 -0.23 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.27 0.05 -6.88 | 14.97 0.23 -5.32 | 12.60 0.13 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.11 -9.26 | 15.24 0.31 -5.42 | 11.22 0.08 -5.71 | 15.69 0.17 -1.32 | 15.32 0.07 -1.83 | 11.99 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.02 -5.27 | 4.46 -0.04 -7.55 | 11.82 -0.01 -4.88 | 13.44 -0.02 -2.94 | 13.15 -0.05 -1.69 |
| HUNTLEY___66 23560 | 8.84 -0.02 -5.31 | 19.15 -0.39 -1.61 | 12.40 -0.21 -3.10 | 12.85 -0.18 -6.73 | 13.60 -0.23 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.27 0.05 -6.88 | 14.97 0.23 -5.32 | 12.60 0.13 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.11 -9.26 | 15.24 0.31 -5.42 | 11.22 0.08 -5.71 | 15.69 0.17 -1.32 | 15.32 0.07 -1.83 | 11.99 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.02 -5.27 | 4.46 -0.04 -7.55 | 11.82 -0.01 -4.88 | 13.44 -0.02 -2.94 | 13.15 -0.05 -1.69 |
| HUNTLEY___67 23561 | 8.93 -0.03 -5.40 | 19.16 -0.41 -1.64 | 12.46 -0.21 -3.16 | 12.98 -0.18 -6.85 | 13.63 -0.24 -2.00 | 8.90 -0.01 -12.34 | 5.22 -0.01 -6.36 | 9.36 0.02 -7.00 | 15.02 0.19 -5.42 | 12.68 0.12 -5.30 | 7.20 0.01 -5.26 | 5.94 -0.12 -9.43 | 15.29 0.26 -5.52 | 11.32 0.07 -5.82 | 15.66 0.12 -1.34 | 15.32 0.04 -1.86 | 12.14 0.02 -8.73 | 8.95 -0.05 -13.33 | 11.97 -0.05 -8.32 | 12.51 -0.02 -5.36 | 4.60 -0.04 -7.69 | 11.90 -0.02 -4.97 | 13.49 -0.03 -2.99 | 13.14 -0.08 -1.72 |
| HUNTLEY___68 23562 | 8.93 -0.03 -5.40 | 19.16 -0.41 -1.64 | 12.46 -0.21 -3.16 | 12.98 -0.18 -6.85 | 13.63 -0.24 -2.00 | 8.90 -0.01 -12.34 | 5.22 -0.01 -6.36 | 9.36 0.02 -7.00 | 15.02 0.19 -5.42 | 12.68 0.12 -5.30 | 7.20 0.01 -5.26 | 5.94 -0.12 -9.43 | 15.29 0.26 -5.52 | 11.32 0.07 -5.82 | 15.66 0.12 -1.34 | 15.32 0.04 -1.86 | 12.14 0.02 -8.73 | 8.95 -0.05 -13.33 | 11.97 -0.05 -8.32 | 12.51 -0.02 -5.36 | 4.60 -0.04 -7.69 | 11.90 -0.02 -4.97 | 13.49 -0.03 -2.99 | 13.14 -0.08 -1.72 |
| HYLAND___LFGE 323620 | 9.57 0.19 -5.82 | 20.47 0.77 -1.76 | 13.30 0.38 -3.40 | 13.89 0.22 -7.37 | 14.55 0.52 -2.15 | 9.65 -0.20 -13.29 | 5.64 -0.07 -6.84 | 10.04 0.17 -7.54 | 16.01 0.76 -5.83 | 13.53 0.57 -5.71 | 7.73 0.13 -5.67 | 6.49 -0.29 -10.15 | 16.21 0.76 -5.94 | 12.06 0.37 -6.26 | 16.61 0.97 -1.44 | 16.29 0.87 -2.00 | 13.02 0.23 -9.40 | 9.70 -0.32 -14.35 | 12.87 0.23 -8.96 | 13.43 0.49 -5.77 | 4.99 -0.23 -8.27 | 12.77 0.46 -5.35 | 14.38 0.64 -3.22 | 13.96 0.60 -1.85 |
| INDECK___CORINTH 23802 | 51.04 0.27 -47.21 | 33.49 1.24 -14.31 | 37.82 0.71 -27.59 | 66.60 0.46 -59.82 | 30.15 0.84 -17.44 | 104.17 -0.27 -107.88 | 55.07 -0.09 -56.29 | 65.13 0.18 -62.61 | 58.64 0.79 -48.43 | 55.33 0.64 -47.43 | 49.19 0.17 -47.08 | 80.65 -0.28 -84.30 | 59.74 0.88 -49.35 | 57.89 0.45 -52.01 | 27.12 1.10 -11.82 | 30.81 1.13 -16.26 | 79.97 0.29 -76.28 | 111.78 -0.38 -116.48 | 76.74 0.33 -72.72 | 54.69 0.66 -46.86 | 63.85 -0.26 -67.16 | 50.98 0.61 -43.41 | 37.53 0.86 -26.15 | 27.39 0.85 -15.04 |
| INDECK___ILION 23567 | 2.80 0.08 0.85 | 18.01 0.33 0.26 | 9.19 0.17 0.49 | 5.31 0.08 1.07 | 11.77 0.21 0.31 | -5.45 -0.08 1.94 | -2.12 -0.02 0.96 | 1.34 0.04 1.03 | 8.81 0.20 0.80 | 6.63 0.17 0.78 | 1.20 0.04 0.78 | -4.85 -0.09 1.39 | 8.93 0.23 0.81 | 4.71 0.14 0.86 | 14.31 0.32 0.20 | 13.43 0.30 0.29 | 2.10 0.08 1.37 | -6.52 -0.10 2.09 | 2.46 0.08 1.31 | 6.49 0.16 0.84 | -4.33 -0.07 1.21 | 6.35 0.17 0.78 | 10.28 0.23 0.47 | 11.46 0.23 0.27 |
| INDECK___OLEAN 23982 | 10.15 0.26 -6.33 | 20.85 1.00 -1.92 | 13.74 0.53 -3.70 | 14.63 0.30 -8.02 | 14.93 0.72 -2.34 | 10.78 -0.26 -14.47 | 6.24 -0.07 -7.45 | 10.62 0.08 -8.20 | 16.48 0.72 -6.35 | 14.09 0.62 -6.22 | 8.24 0.14 -6.17 | 7.34 -0.34 -11.05 | 16.83 0.86 -6.47 | 12.68 0.44 -6.81 | 16.86 1.10 -1.57 | 16.60 1.01 -2.18 | 13.89 0.26 -10.23 | 10.95 -0.34 -15.62 | 13.63 0.19 -9.75 | 13.90 0.44 -6.28 | 5.73 -0.23 -9.00 | 13.22 0.43 -5.82 | 14.72 0.69 -3.51 | 14.31 0.79 -2.02 |
| INDECK___OSWEGO 23783 | 6.18 -0.05 -2.66 | 18.46 -0.28 -0.81 | 10.92 -0.16 -1.56 | 9.57 -0.11 -3.38 | 12.68 -0.18 -0.98 | 2.70 0.05 -6.09 | 2.02 0.01 -3.14 | 5.78 -0.02 -3.46 | 12.03 -0.07 -2.68 | 9.83 -0.05 -2.62 | 4.52 -0.01 -2.60 | 1.31 0.02 -4.66 | 12.18 -0.05 -2.73 | 8.26 -0.05 -2.88 | 14.73 -0.12 -0.66 | 14.21 -0.13 -0.92 | 7.67 -0.03 -4.31 | 2.29 0.04 -6.58 | 7.75 -0.04 -4.11 | 9.75 -0.07 -2.65 | 0.77 0.03 -3.79 | 9.34 -0.07 -2.45 | 11.89 -0.11 -1.48 | 12.20 -0.15 -0.85 |
| INDECK___YERKES 23781 | 8.85 -0.02 -5.31 | 19.17 -0.37 -1.61 | 12.41 -0.20 -3.10 | 12.86 -0.17 -6.73 | 13.61 -0.22 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.26 0.05 -6.88 | 14.98 0.24 -5.32 | 12.61 0.14 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.12 -9.26 | 15.25 0.32 -5.42 | 11.23 0.08 -5.71 | 15.70 0.19 -1.32 | 15.33 0.09 -1.83 | 12.00 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.01 -5.27 | 4.46 -0.05 -7.55 | 11.83 -0.01 -4.88 | 13.45 -0.01 -2.94 | 13.16 -0.03 -1.69 |
| INDIAN POINT_GT_1 24139 | 36.66 0.24 -32.86 | 28.94 1.04 -9.96 | 29.29 0.56 -19.21 | 48.35 0.40 -41.65 | 24.70 0.68 -12.14 | 71.49 -0.17 -75.10 | 37.42 -0.07 -38.63 | 45.02 0.15 -42.53 | 42.91 0.59 -32.90 | 39.95 0.48 -32.22 | 34.05 0.13 -31.99 | 53.67 -0.23 -57.27 | 43.67 0.63 -33.53 | 41.14 0.38 -35.33 | 23.36 1.02 -8.15 | 25.69 0.95 -11.32 | 56.74 0.24 -53.10 | 76.47 -0.29 -81.09 | 54.55 0.24 -50.62 | 40.28 0.48 -32.62 | 43.49 -0.21 -46.75 | 37.65 0.47 -30.22 | 29.45 0.73 -18.20 | 22.78 0.81 -10.47 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| INDIAN POINT_GT_2 23659 | 36.66 0.24 -32.86 | 28.94 1.04 -9.96 | 29.29 0.56 -19.21 | 48.35 0.40 -41.65 | 24.70 0.68 -12.14 | 71.49 -0.17 -75.10 | 37.42 -0.07 -38.63 | 45.02 0.15 -42.53 | 42.91 0.59 -32.90 | 39.95 0.48 -32.22 | 34.05 0.13 -31.99 | 53.67 -0.23 -57.27 | 43.67 0.63 -33.53 | 41.14 0.38 -35.33 | 23.36 1.02 -8.15 | 25.69 0.95 -11.32 | 56.74 0.24 -53.10 | 76.47 -0.29 -81.09 | 54.55 0.24 -50.62 | 40.28 0.48 -32.62 | 43.49 -0.21 -46.75 | 37.65 0.47 -30.22 | 29.45 0.73 -18.20 | 22.78 0.81 -10.47 |
| INDIAN POINT_GT_3 24019 | 36.66 0.24 -32.86 | 28.94 1.04 -9.96 | 29.29 0.56 -19.21 | 48.35 0.40 -41.65 | 24.70 0.68 -12.14 | 71.49 -0.17 -75.10 | 37.42 -0.07 -38.63 | 45.02 0.15 -42.53 | 42.91 0.59 -32.90 | 39.95 0.48 -32.22 | 34.05 0.13 -31.99 | 53.67 -0.23 -57.27 | 43.67 0.63 -33.53 | 41.14 0.38 -35.33 | 23.36 1.02 -8.15 | 25.69 0.95 -11.32 | 56.74 0.24 -53.10 | 76.47 -0.29 -81.09 | 54.55 0.24 -50.62 | 40.28 0.48 -32.62 | 43.49 -0.21 -46.75 | 37.65 0.47 -30.22 | 29.45 0.73 -18.20 | 22.78 0.81 -10.47 |
| INDIAN POINT___2 23530 | 36.24 0.23 -32.44 | 28.80 1.03 -9.83 | 29.03 0.56 -18.96 | 47.81 0.39 -41.11 | 24.53 0.67 -11.98 | 70.53 -0.17 -74.13 | 36.93 -0.07 -38.13 | 44.48 0.15 -41.99 | 42.49 0.60 -32.48 | 39.53 0.47 -31.81 | 33.63 0.13 -31.57 | 52.94 -0.23 -56.53 | 43.23 0.63 -33.10 | 40.69 0.38 -34.88 | 23.25 1.01 -8.05 | 25.54 0.94 -11.18 | 56.05 0.24 -52.42 | 75.43 -0.29 -80.04 | 53.90 0.24 -49.97 | 39.86 0.48 -32.20 | 42.89 -0.21 -46.15 | 37.25 0.47 -29.83 | 29.21 0.72 -17.97 | 22.63 0.80 -10.33 |
| INDIAN POINT___3 23531 | 36.66 0.22 -32.88 | 28.87 0.97 -9.96 | 29.26 0.52 -19.22 | 48.34 0.37 -41.66 | 24.66 0.63 -12.15 | 71.53 -0.16 -75.13 | 37.45 -0.06 -38.64 | 45.03 0.15 -42.55 | 42.89 0.56 -32.92 | 39.93 0.45 -32.23 | 34.05 0.13 -32.00 | 53.71 -0.21 -57.29 | 43.65 0.59 -33.54 | 41.14 0.36 -35.35 | 23.30 0.95 -8.15 | 25.64 0.89 -11.33 | 56.75 0.23 -53.12 | 76.52 -0.27 -81.12 | 54.56 0.22 -50.64 | 40.26 0.45 -32.64 | 43.53 -0.20 -46.77 | 37.63 0.44 -30.23 | 29.41 0.68 -18.21 | 22.73 0.75 -10.47 |
| IP CORINTH___1 23988 | 51.04 0.27 -47.21 | 33.49 1.24 -14.31 | 37.82 0.71 -27.59 | 66.60 0.46 -59.82 | 30.15 0.84 -17.44 | 104.17 -0.27 -107.88 | 55.07 -0.09 -56.29 | 65.13 0.18 -62.61 | 58.64 0.79 -48.43 | 55.33 0.64 -47.43 | 49.19 0.17 -47.08 | 80.65 -0.28 -84.30 | 59.74 0.88 -49.35 | 57.89 0.45 -52.01 | 27.12 1.10 -11.82 | 30.81 1.13 -16.26 | 79.97 0.29 -76.28 | 111.78 -0.38 -116.48 | 76.74 0.33 -72.72 | 54.69 0.66 -46.86 | 63.85 -0.26 -67.16 | 50.98 0.61 -43.41 | 37.53 0.86 -26.15 | 27.39 0.85 -15.04 |
| IP___TICONDEROGA 23804 | 51.05 0.35 -47.14 | 33.93 1.71 -14.29 | 38.01 0.94 -27.55 | 66.66 0.62 -59.73 | 30.47 1.18 -17.41 | 103.87 -0.40 -107.71 | 54.93 -0.13 -56.19 | 65.08 0.26 -62.49 | 58.87 1.11 -48.34 | 55.44 0.85 -47.34 | 49.15 0.23 -46.99 | 80.39 -0.38 -84.13 | 59.91 1.14 -49.26 | 57.87 0.53 -51.91 | 27.38 1.38 -11.80 | 31.16 1.50 -16.24 | 79.96 0.40 -76.16 | 111.43 -0.55 -116.30 | 76.75 0.45 -72.61 | 54.87 0.91 -46.79 | 63.67 -0.34 -67.06 | 51.15 0.85 -43.34 | 37.80 1.17 -26.11 | 27.70 1.18 -15.02 |
| ISLIP_RES_REC 323679 | 37.13 0.36 -33.21 | 29.55 1.56 -10.06 | 29.79 0.86 -19.41 | 49.00 0.62 -42.08 | 25.15 1.01 -12.26 | 72.24 -0.20 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.62 0.96 -33.24 | 40.51 0.70 -32.56 | 34.44 0.20 -32.32 | 54.10 -0.39 -57.86 | 44.33 0.95 -33.88 | 41.67 0.54 -35.70 | 23.91 1.48 -8.23 | 26.31 1.46 -11.44 | 123.20 0.43 -119.38 | 77.20 -0.40 -81.93 | 55.19 0.36 -51.15 | 40.83 0.70 -32.96 | 43.89 -0.30 -47.24 | 38.13 0.64 -30.53 | 31.07 1.14 -19.41 | 23.37 1.29 -10.58 |
| JARVIS____ 23743 | 2.72 0.01 0.85 | 17.71 0.04 0.26 | 9.04 0.02 0.49 | 5.24 0.01 1.07 | 11.58 0.02 0.31 | -5.38 -0.01 1.94 | -2.10 0.00 0.96 | 1.31 0.01 1.03 | 8.66 0.05 0.80 | 6.51 0.04 0.78 | 1.16 0.01 0.78 | -4.78 -0.02 1.39 | 8.75 0.05 0.81 | 4.60 0.03 0.86 | 14.06 0.07 0.20 | 13.19 0.06 0.29 | 2.04 0.02 1.37 | -6.44 -0.02 2.09 | 2.40 0.01 1.31 | 6.36 0.03 0.84 | -4.27 -0.02 1.21 | 6.21 0.03 0.78 | 10.09 0.04 0.47 | 11.27 0.03 0.27 |
| JENNISON___1 23625 | 14.66 0.24 -10.86 | 22.34 1.11 -3.29 | 16.42 0.56 -6.35 | 20.41 0.34 -13.76 | 16.61 0.72 -4.01 | 21.17 -0.21 -24.81 | 11.59 -0.07 -12.80 | 16.63 0.18 -14.12 | 21.08 0.74 -10.92 | 18.53 0.58 -10.69 | 12.70 0.16 -10.62 | 15.37 -0.26 -19.00 | 21.38 0.75 -11.13 | 17.56 0.40 -11.72 | 17.95 1.06 -2.70 | 18.16 1.00 -3.74 | 21.20 0.25 -17.55 | 22.14 -0.33 -26.79 | 20.67 0.25 -16.73 | 18.47 0.52 -10.78 | 12.18 -0.22 -15.45 | 17.45 0.51 -9.98 | 17.27 0.74 -6.01 | 15.74 0.78 -3.46 |
| JENNISON___2 23626 | 14.66 0.24 -10.86 | 22.34 1.11 -3.29 | 16.42 0.56 -6.35 | 20.41 0.34 -13.76 | 16.61 0.72 -4.01 | 21.17 -0.21 -24.81 | 11.59 -0.07 -12.80 | 16.63 0.18 -14.12 | 21.08 0.74 -10.92 | 18.53 0.58 -10.69 | 12.70 0.16 -10.62 | 15.37 -0.26 -19.00 | 21.38 0.75 -11.13 | 17.56 0.40 -11.72 | 17.95 1.06 -2.70 | 18.16 1.00 -3.74 | 21.20 0.25 -17.55 | 22.14 -0.33 -26.79 | 20.67 0.25 -16.73 | 18.47 0.52 -10.78 | 12.18 -0.22 -15.45 | 17.45 0.51 -9.98 | 17.27 0.74 -6.01 | 15.74 0.78 -3.46 |
| JERICHO_RISE_WT_PWR 323719 | 3.47 -0.10 0.00 | 17.70 -0.23 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.73 -0.15 0.00 | -3.39 0.05 0.00 | -1.12 0.02 0.00 | 2.27 -0.07 0.00 | 9.17 -0.25 0.00 | 7.07 -0.19 0.00 | 1.88 -0.05 0.00 | -3.25 0.11 0.00 | 9.19 -0.32 0.00 | 5.27 -0.16 0.00 | 13.81 -0.38 0.00 | 13.06 -0.36 0.00 | 3.30 -0.10 0.00 | -4.21 0.12 0.00 | 3.61 -0.08 0.00 | 7.01 -0.16 0.00 | -2.97 0.07 0.00 | 6.81 -0.15 0.00 | 10.30 -0.22 0.00 | 11.28 -0.22 0.00 |
| KCE_NY_1 323755 | 50.84 0.26 -47.02 | 33.40 1.21 -14.25 | 37.67 0.66 -27.49 | 66.33 0.43 -59.59 | 30.06 0.81 -17.37 | 103.78 -0.24 -107.45 | 54.82 -0.09 -56.04 | 64.81 0.17 -62.30 | 58.36 0.75 -48.20 | 55.05 0.60 -47.20 | 48.94 0.16 -46.85 | 80.24 -0.28 -83.88 | 59.43 0.81 -49.11 | 57.62 0.43 -51.75 | 27.03 1.06 -11.77 | 30.66 1.04 -16.20 | 79.64 0.27 -75.98 | 111.35 -0.35 -116.03 | 76.43 0.30 -72.43 | 54.45 0.60 -46.68 | 63.60 -0.25 -66.90 | 50.76 0.56 -43.24 | 37.37 0.80 -26.05 | 27.30 0.82 -14.98 |
| KEDC PORT_JEFF_GT2 24210 | 37.11 0.34 -33.21 | 29.46 1.46 -10.06 | 29.74 0.82 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.47 0.67 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.65 0.52 -35.70 | 23.85 1.43 -8.23 | 26.26 1.40 -11.44 | 128.93 0.41 -125.13 | 77.22 -0.38 -81.93 | 55.17 0.34 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.26 -47.24 | 38.09 0.60 -30.53 | 31.01 1.08 -19.40 | 23.30 1.22 -10.58 |
| KEDC PORT_JEFF_GT3 24211 | 37.11 0.34 -33.21 | 29.46 1.46 -10.06 | 29.74 0.82 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.47 0.67 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.65 0.52 -35.70 | 23.85 1.43 -8.23 | 26.26 1.40 -11.44 | 128.93 0.41 -125.13 | 77.22 -0.38 -81.93 | 55.17 0.34 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.26 -47.24 | 38.09 0.60 -30.53 | 31.01 1.08 -19.40 | 23.30 1.22 -10.58 |
| KEDC_GLWD_GT4 24219 | 37.06 0.29 -33.21 | 29.29 1.30 -10.06 | 29.63 0.70 -19.41 | 48.88 0.50 -42.08 | 24.97 0.83 -12.26 | 72.25 -0.19 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.19 -42.98 | 43.40 0.73 -33.24 | 40.38 0.58 -32.56 | 34.41 0.16 -32.32 | 54.20 -0.29 -57.86 | 44.15 0.76 -33.88 | 41.60 0.46 -35.70 | 23.69 1.26 -8.23 | 26.05 1.19 -11.44 | 57.36 0.31 -53.65 | 77.27 -0.33 -81.93 | 55.13 0.29 -51.15 | 40.71 0.58 -32.96 | 43.94 -0.25 -47.24 | 38.04 0.55 -30.53 | 31.05 0.89 -19.63 | 23.07 0.99 -10.58 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KEDC_GLWD_GT5 24220 | 37.06 0.29 -33.21 | 29.29 1.30 -10.06 | 29.63 0.70 -19.41 | 48.88 0.50 -42.08 | 24.97 0.83 -12.26 | 72.25 -0.19 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.19 -42.98 | 43.40 0.73 -33.24 | 40.38 0.58 -32.56 | 34.41 0.16 -32.32 | 54.20 -0.29 -57.86 | 44.15 0.76 -33.88 | 41.60 0.46 -35.70 | 23.69 1.26 -8.23 | 26.05 1.19 -11.44 | 57.36 0.31 -53.65 | 77.27 -0.33 -81.93 | 55.13 0.29 -51.15 | 40.71 0.58 -32.96 | 43.94 -0.25 -47.24 | 38.04 0.55 -30.53 | 31.05 0.89 -19.63 | 23.07 0.99 -10.58 |
| KENSICO____ 23655 | 36.91 0.25 -33.10 | 29.06 1.09 -10.03 | 29.46 0.59 -19.35 | 48.67 0.41 -41.95 | 24.82 0.72 -12.23 | 72.03 -0.18 -75.65 | 37.71 -0.07 -38.91 | 45.34 0.17 -42.85 | 43.18 0.62 -33.14 | 40.20 0.49 -32.46 | 34.29 0.14 -32.22 | 54.08 -0.24 -57.69 | 43.94 0.65 -33.77 | 41.42 0.40 -35.59 | 23.47 1.06 -8.21 | 25.82 1.00 -11.40 | 57.14 0.25 -53.49 | 77.05 -0.30 -81.68 | 54.93 0.25 -50.99 | 40.53 0.50 -32.86 | 43.83 -0.22 -47.10 | 37.88 0.49 -30.44 | 29.62 0.76 -18.33 | 22.89 0.84 -10.54 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 35.28 0.24 -31.48 | 28.55 1.07 -9.54 | 28.49 0.57 -18.40 | 46.59 0.39 -39.89 | 24.19 0.69 -11.63 | 68.31 -0.19 -71.93 | 35.80 -0.07 -37.01 | 43.26 0.17 -40.76 | 41.56 0.62 -31.53 | 38.61 0.48 -30.88 | 32.71 0.13 -30.65 | 51.25 -0.26 -54.88 | 42.16 0.52 -32.13 | 39.61 0.31 -33.86 | 22.84 0.84 -7.81 | 25.06 0.79 -10.85 | 54.47 0.21 -50.86 | 73.08 -0.26 -77.67 | 52.40 0.22 -48.49 | 38.88 0.46 -31.24 | 41.51 -0.23 -44.78 | 36.41 0.50 -28.94 | 28.71 0.75 -17.44 | 22.34 0.82 -10.03 |
| KIAC_JFK_GT1 23816 | 37.00 0.25 -33.20 | 29.03 1.03 -10.06 | 29.47 0.56 -19.40 | 48.77 0.39 -42.07 | 24.81 0.67 -12.26 | 72.27 -0.16 -75.86 | 37.82 -0.06 -39.01 | 45.44 0.14 -42.96 | 43.20 0.55 -33.24 | 40.25 0.45 -32.55 | 34.36 0.12 -32.31 | 54.28 -0.20 -57.85 | 43.95 0.57 -33.87 | 41.52 0.40 -35.69 | 23.43 1.01 -8.23 | 25.73 0.89 -11.43 | 57.25 0.22 -53.64 | 77.33 -0.26 -81.91 | 55.05 0.22 -51.14 | 40.57 0.44 -32.95 | 43.98 -0.20 -47.23 | 37.95 0.46 -30.52 | 29.67 0.77 -18.39 | 22.95 0.87 -10.57 |
| KIAC_JFK_GT2 23817 | 37.00 0.25 -33.20 | 29.03 1.03 -10.06 | 29.47 0.56 -19.40 | 48.77 0.39 -42.07 | 24.81 0.67 -12.26 | 72.27 -0.16 -75.86 | 37.82 -0.06 -39.01 | 45.44 0.14 -42.96 | 43.20 0.55 -33.24 | 40.25 0.45 -32.55 | 34.36 0.12 -32.31 | 54.28 -0.20 -57.85 | 43.95 0.57 -33.87 | 41.52 0.40 -35.69 | 23.43 1.01 -8.23 | 25.73 0.89 -11.43 | 57.25 0.22 -53.64 | 77.33 -0.26 -81.91 | 55.05 0.22 -51.14 | 40.57 0.44 -32.95 | 43.98 -0.20 -47.23 | 37.95 0.46 -30.52 | 29.67 0.77 -18.39 | 22.95 0.87 -10.57 |
| KINTIGH____ 23543 | 8.05 -0.07 -4.56 | 18.76 -0.56 -1.38 | 11.89 -0.29 -2.67 | 11.87 -0.22 -5.78 | 13.21 -0.35 -1.69 | 7.03 0.04 -10.43 | 4.25 0.01 -5.37 | 8.24 -0.01 -5.91 | 14.04 0.04 -4.57 | 11.75 0.02 -4.48 | 6.36 -0.02 -4.45 | 4.54 -0.06 -7.96 | 14.26 0.09 -4.66 | 10.34 -0.01 -4.92 | 15.26 -0.07 -1.13 | 14.87 -0.12 -1.57 | 10.74 -0.02 -7.37 | 6.94 0.01 -11.26 | 10.64 -0.08 -7.03 | 11.60 -0.09 -4.53 | 3.45 0.00 -6.49 | 11.06 -0.10 -4.19 | 12.91 -0.14 -2.53 | 12.75 -0.20 -1.45 |
| LACHUTE____HYDRO 323717 | 51.05 0.35 -47.14 | 33.93 1.71 -14.29 | 38.01 0.94 -27.55 | 66.66 0.62 -59.73 | 30.47 1.18 -17.41 | 103.87 -0.40 -107.71 | 54.93 -0.13 -56.19 | 65.08 0.26 -62.49 | 58.87 1.11 -48.34 | 55.44 0.85 -47.34 | 49.15 0.23 -46.99 | 80.39 -0.38 -84.13 | 59.91 1.14 -49.26 | 57.87 0.53 -51.91 | 27.38 1.38 -11.80 | 31.16 1.50 -16.24 | 79.96 0.40 -76.16 | 111.43 -0.55 -116.30 | 76.75 0.45 -72.61 | 54.87 0.91 -46.79 | 63.67 -0.34 -67.06 | 51.15 0.85 -43.34 | 37.80 1.17 -26.11 | 27.70 1.18 -15.02 |
| LEDERLE____ 23769 | 35.79 0.25 -31.98 | 28.73 1.11 -9.69 | 28.80 0.59 -18.69 | 47.25 0.42 -40.53 | 24.41 0.72 -11.81 | 69.46 -0.19 -73.08 | 36.38 -0.07 -37.59 | 43.90 0.17 -41.39 | 42.08 0.65 -32.02 | 39.12 0.51 -31.36 | 33.20 0.14 -31.12 | 52.12 -0.25 -55.73 | 42.82 0.68 -32.63 | 40.22 0.41 -34.38 | 23.21 1.08 -7.93 | 25.45 1.01 -11.02 | 55.33 0.26 -51.68 | 74.27 -0.31 -78.91 | 53.21 0.26 -49.26 | 39.44 0.53 -31.75 | 42.22 -0.23 -45.50 | 36.88 0.51 -29.41 | 29.01 0.78 -17.71 | 22.54 0.85 -10.19 |
| LINDEN COGEN____ 23786 | 37.01 0.25 -33.20 | 29.07 1.08 -10.06 | 29.51 0.59 -19.40 | 48.81 0.43 -42.07 | 24.87 0.73 -12.26 | 72.26 -0.16 -75.86 | 37.82 -0.07 -39.02 | 45.46 0.16 -42.97 | 43.24 0.59 -33.24 | 40.28 0.47 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 44.00 0.62 -33.87 | 41.52 0.39 -35.69 | 23.49 1.06 -8.23 | 25.83 0.97 -11.44 | 57.28 0.24 -53.64 | 77.31 -0.28 -81.91 | 55.06 0.23 -51.14 | 40.59 0.46 -32.95 | 43.98 -0.20 -47.23 | 37.95 0.46 -30.52 | 29.64 0.74 -18.39 | 22.93 0.85 -10.57 |
| LIPA_MISC_IPP 23656 | 37.10 0.34 -33.21 | 29.43 1.43 -10.06 | 29.72 0.80 -19.41 | 48.96 0.57 -42.08 | 25.07 0.93 -12.26 | 72.26 -0.18 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.58 0.92 -33.24 | 40.48 0.67 -32.56 | 34.44 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.30 0.91 -33.88 | 41.64 0.51 -35.70 | 23.85 1.42 -8.23 | 26.27 1.41 -11.44 | 140.96 0.42 -137.15 | 77.23 -0.37 -81.93 | 55.17 0.34 -51.15 | 40.79 0.66 -32.96 | 43.91 -0.28 -47.24 | 38.08 0.59 -30.53 | 31.01 1.08 -19.40 | 23.33 1.26 -10.58 |
| LISF____SOLAR 323691 | 37.11 0.35 -33.21 | 29.47 1.47 -10.06 | 29.74 0.82 -19.41 | 48.97 0.58 -42.08 | 25.10 0.96 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.60 0.94 -33.24 | 40.49 0.68 -32.56 | 34.44 0.19 -32.32 | 54.10 -0.39 -57.86 | 44.31 0.93 -33.88 | 41.65 0.52 -35.70 | 23.86 1.44 -8.23 | 26.29 1.43 -11.44 | 138.34 0.43 -134.51 | 77.22 -0.38 -81.93 | 55.18 0.35 -51.15 | 40.81 0.68 -32.96 | 43.90 -0.29 -47.24 | 38.10 0.61 -30.53 | 31.04 1.11 -19.40 | 23.36 1.28 -10.58 |
| LITTLE FALLS____HYD 24013 | 2.89 0.18 0.85 | 18.37 0.70 0.26 | 9.38 0.36 0.49 | 5.40 0.16 1.07 | 12.01 0.44 0.31 | -5.54 -0.17 1.94 | -2.13 -0.04 0.96 | 1.37 0.06 1.03 | 8.98 0.37 0.80 | 6.79 0.32 0.78 | 1.24 0.09 0.78 | -4.94 -0.18 1.39 | 9.16 0.46 0.81 | 4.85 0.27 0.86 | 14.62 0.63 0.20 | 13.72 0.59 0.29 | 2.18 0.15 1.37 | -6.62 -0.20 2.09 | 2.54 0.15 1.31 | 6.65 0.32 0.84 | -4.40 -0.14 1.21 | 6.52 0.34 0.78 | 10.51 0.46 0.47 | 11.70 0.47 0.27 |
| LI_NEWBRIDGE____DRP 323616 | 37.07 0.30 -33.21 | 29.28 1.28 -10.06 | 29.63 0.70 -19.41 | 48.89 0.50 -42.08 | 24.94 0.80 -12.26 | 72.28 -0.15 -75.87 | 37.82 -0.08 -39.02 | 45.50 0.19 -42.98 | 43.39 0.73 -33.24 | 40.36 0.55 -32.56 | 34.40 0.16 -32.32 | 54.19 -0.30 -57.86 | 44.10 0.72 -33.88 | 41.58 0.45 -35.70 | 23.67 1.24 -8.23 | 26.03 1.17 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.11 0.27 -51.15 | 40.68 0.55 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.50 -30.53 | 30.76 0.87 -19.37 | 23.05 0.97 -10.58 |
| LOCKPORT____CC1 323769 | 8.63 -0.06 -5.12 | 18.93 -0.56 -1.55 | 12.22 -0.29 -3.00 | 12.57 -0.23 -6.49 | 13.43 -0.34 -1.89 | 8.28 0.01 -11.71 | 4.90 0.00 -6.03 | 9.00 0.02 -6.64 | 14.69 0.14 -5.14 | 12.35 0.07 -5.03 | 6.91 -0.01 -4.99 | 5.48 -0.09 -8.94 | 14.95 0.21 -5.23 | 10.98 0.03 -5.52 | 15.48 0.01 -1.27 | 15.12 -0.06 -1.77 | 11.67 -0.01 -8.28 | 8.29 -0.02 -12.64 | 11.51 -0.07 -7.89 | 12.18 -0.07 -5.09 | 4.22 -0.02 -7.29 | 11.60 -0.07 -4.71 | 13.26 -0.10 -2.84 | 12.97 -0.17 -1.63 |
| LOCKPORT____CC2 323770 | 8.63 -0.06 -5.12 | 18.93 -0.56 -1.55 | 12.22 -0.29 -3.00 | 12.57 -0.23 -6.49 | 13.43 -0.34 -1.89 | 8.28 0.01 -11.71 | 4.90 0.00 -6.03 | 9.00 0.02 -6.64 | 14.69 0.14 -5.14 | 12.35 0.07 -5.03 | 6.91 -0.01 -4.99 | 5.48 -0.09 -8.94 | 14.95 0.21 -5.23 | 10.98 0.03 -5.52 | 15.48 0.01 -1.27 | 15.12 -0.06 -1.77 | 11.67 -0.01 -8.28 | 8.29 -0.02 -12.64 | 11.51 -0.07 -7.89 | 12.18 -0.07 -5.09 | 4.22 -0.02 -7.29 | 11.60 -0.07 -4.71 | 13.26 -0.10 -2.84 | 12.97 -0.17 -1.63 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| LOCKPORT__CC3 323771 | 8.63 -0.06 -5.12 | 18.93 -0.56 -1.55 | 12.22 -0.29 -3.00 | 12.57 -0.23 -6.49 | 13.43 -0.34 -1.89 | 8.28 0.01 -11.71 | 4.90 0.00 -6.03 | 9.00 0.02 -6.64 | 14.69 0.14 -5.14 | 12.35 0.07 -5.03 | 6.91 -0.01 -4.99 | 5.48 -0.09 -8.94 | 14.95 0.21 -5.23 | 10.98 0.03 -5.52 | 15.48 0.01 -1.27 | 15.12 -0.06 -1.77 | 11.67 -0.01 -8.28 | 8.29 -0.02 -12.64 | 11.51 -0.07 -7.89 | 12.18 -0.07 -5.09 | 4.22 -0.02 -7.29 | 11.60 -0.07 -4.71 | 13.26 -0.10 -2.84 | 12.97 -0.17 -1.63 |
| LONG_LAKE_PHOENIX 24014 | 6.30 -0.02 -2.77 | 18.59 -0.18 -0.84 | 11.03 -0.10 -1.62 | 9.74 -0.08 -3.51 | 12.78 -0.12 -1.02 | 2.91 0.03 -6.32 | 2.13 0.00 -3.26 | 5.92 0.00 -3.59 | 12.20 0.00 -2.78 | 9.97 0.00 -2.72 | 4.63 0.00 -2.70 | 1.46 0.00 -4.83 | 12.34 0.00 -2.83 | 8.39 -0.02 -2.98 | 14.83 -0.05 -0.69 | 14.31 -0.06 -0.95 | 7.85 -0.01 -4.47 | 2.51 0.01 -6.83 | 7.93 -0.02 -4.26 | 9.89 -0.03 -2.74 | 0.89 0.01 -3.94 | 9.48 -0.03 -2.54 | 12.00 -0.05 -1.53 | 12.31 -0.08 -0.88 |
| LOVETT__3 23632 | 35.91 0.23 -32.12 | 28.68 1.01 -9.73 | 28.83 0.54 -18.77 | 47.39 0.38 -40.70 | 24.40 0.66 -11.87 | 69.79 -0.17 -73.39 | 36.55 -0.06 -37.74 | 44.05 0.15 -41.57 | 42.16 0.58 -32.16 | 39.21 0.47 -31.49 | 33.32 0.13 -31.26 | 52.37 -0.22 -55.97 | 42.89 0.62 -32.77 | 40.33 0.37 -34.53 | 23.15 0.99 -7.96 | 25.41 0.92 -11.07 | 55.52 0.24 -51.89 | 74.63 -0.28 -79.24 | 53.40 0.24 -49.47 | 39.53 0.48 -31.88 | 42.43 -0.21 -45.69 | 36.95 0.46 -29.53 | 29.02 0.71 -17.79 | 22.51 0.78 -10.23 |
| LOVETT__4 23642 | 35.91 0.23 -32.12 | 28.68 1.01 -9.73 | 28.83 0.54 -18.77 | 47.39 0.38 -40.70 | 24.40 0.66 -11.87 | 69.79 -0.17 -73.39 | 36.55 -0.06 -37.74 | 44.05 0.15 -41.57 | 42.16 0.58 -32.16 | 39.21 0.47 -31.49 | 33.32 0.13 -31.26 | 52.37 -0.22 -55.97 | 42.89 0.62 -32.77 | 40.33 0.37 -34.53 | 23.15 0.99 -7.96 | 25.41 0.92 -11.07 | 55.52 0.24 -51.89 | 74.63 -0.28 -79.24 | 53.40 0.24 -49.47 | 39.53 0.48 -31.88 | 42.43 -0.21 -45.69 | 36.95 0.46 -29.53 | 29.02 0.71 -17.79 | 22.51 0.78 -10.23 |
| LOVETT__5 23593 | 35.91 0.23 -32.12 | 28.68 1.01 -9.73 | 28.83 0.54 -18.77 | 47.39 0.38 -40.70 | 24.40 0.66 -11.87 | 69.79 -0.17 -73.39 | 36.55 -0.06 -37.74 | 44.05 0.15 -41.57 | 42.16 0.58 -32.16 | 39.21 0.47 -31.49 | 33.32 0.13 -31.26 | 52.37 -0.22 -55.97 | 42.89 0.62 -32.77 | 40.33 0.37 -34.53 | 23.15 0.99 -7.96 | 25.41 0.92 -11.07 | 55.52 0.24 -51.89 | 74.63 -0.28 -79.24 | 53.40 0.24 -49.47 | 39.53 0.48 -31.88 | 42.43 -0.21 -45.69 | 36.95 0.46 -29.53 | 29.02 0.71 -17.79 | 22.51 0.78 -10.23 |
| LOWER RAQUET__HYD 24057 | 3.41 -0.15 0.00 | 17.37 -0.56 0.00 | 9.22 -0.29 0.00 | 6.13 -0.17 0.00 | 11.51 -0.36 0.00 | -3.33 0.11 0.00 | -1.09 0.04 0.00 | 2.22 -0.11 0.00 | 8.95 -0.47 0.00 | 6.88 -0.37 0.00 | 1.81 -0.12 0.00 | -3.16 0.21 0.00 | 9.07 -0.44 0.00 | 5.15 -0.28 0.00 | 13.59 -0.61 0.00 | 12.84 -0.58 0.00 | 3.22 -0.18 0.00 | -4.10 0.23 0.00 | 3.52 -0.17 0.00 | 6.83 -0.34 0.00 | -2.93 0.12 0.00 | 6.69 -0.26 0.00 | 10.11 -0.41 0.00 | 11.06 -0.44 0.00 |
| LOWER__HUDSON 24059 | 49.50 0.21 -45.74 | 32.75 0.96 -13.86 | 36.78 0.53 -26.73 | 64.61 0.34 -57.96 | 29.42 0.65 -16.90 | 100.89 -0.19 -104.51 | 53.11 -0.07 -54.31 | 62.71 0.14 -60.24 | 56.61 0.59 -46.60 | 53.36 0.47 -45.63 | 47.35 0.13 -45.30 | 77.50 -0.23 -81.10 | 57.64 0.65 -47.48 | 55.81 0.35 -50.04 | 26.47 0.85 -11.43 | 29.99 0.82 -15.76 | 77.50 0.21 -73.90 | 108.24 -0.28 -112.85 | 74.38 0.24 -70.45 | 53.05 0.48 -45.40 | 61.82 -0.20 -65.07 | 49.46 0.44 -42.05 | 36.50 0.64 -25.33 | 26.73 0.66 -14.57 |
| LWR__OSWEGATCHIE_HYD 23850 | 3.51 -0.05 0.00 | 17.73 -0.20 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.76 -0.12 0.00 | -3.40 0.03 0.00 | -1.12 0.01 0.00 | 2.30 -0.03 0.00 | 9.26 -0.15 0.00 | 7.13 -0.13 0.00 | 1.89 -0.04 0.00 | -3.29 0.08 0.00 | 9.39 -0.12 0.00 | 5.33 -0.10 0.00 | 14.01 -0.18 0.00 | 13.24 -0.17 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.63 -0.06 0.00 | 7.07 -0.10 0.00 | -3.02 0.03 0.00 | 6.89 -0.07 0.00 | 10.40 -0.12 0.00 | 11.32 -0.17 0.00 |
| LYONS_FALL_HYD 23570 | 3.62 0.06 0.00 | 18.19 0.26 0.00 | 9.64 0.12 0.00 | 6.38 0.07 0.00 | 12.04 0.17 0.00 | -3.49 -0.06 0.00 | -1.16 -0.02 0.00 | 2.39 0.05 0.00 | 9.61 0.20 0.00 | 7.40 0.15 0.00 | 1.97 0.04 0.00 | -3.43 -0.06 0.00 | 9.71 0.20 0.00 | 5.53 0.10 0.00 | 14.47 0.28 0.00 | 13.68 0.27 0.00 | 3.46 0.06 0.00 | -4.42 -0.09 0.00 | 3.76 0.07 0.00 | 7.33 0.16 0.00 | -3.12 -0.07 0.00 | 7.12 0.15 0.00 | 10.72 0.20 0.00 | 11.67 0.16 0.00 |
| MADISON__COUNTY_LFGE 323628 | 5.24 0.09 -1.59 | 18.80 0.39 -0.48 | 10.64 0.19 -0.93 | 8.44 0.11 -2.02 | 12.72 0.25 -0.59 | 0.13 -0.08 -3.64 | 0.73 -0.03 -1.89 | 4.51 0.07 -2.10 | 11.35 0.31 -1.62 | 9.07 0.23 -1.59 | 3.57 0.06 -1.58 | -0.65 -0.11 -2.82 | 11.45 0.28 -1.65 | 7.33 0.16 -1.74 | 15.00 0.40 -0.40 | 14.35 0.39 -0.55 | 6.07 0.10 -2.58 | -0.54 -0.14 -3.94 | 6.26 0.11 -2.46 | 8.99 0.23 -1.58 | -0.88 -0.10 -2.27 | 8.65 0.23 -1.46 | 11.71 0.31 -0.88 | 12.31 0.30 -0.51 |
| MAPLE RIDGE_WT_1 323574 | 1.25 -0.03 2.27 | 17.14 -0.11 0.69 | 8.11 -0.07 1.33 | 3.38 -0.04 2.88 | 10.95 -0.09 0.84 | -8.62 0.01 5.20 | -3.74 0.01 2.61 | -0.51 -0.01 2.83 | 7.18 -0.05 2.19 | 5.07 -0.04 2.15 | -0.21 -0.01 2.13 | -7.16 0.03 3.81 | 7.23 -0.05 2.23 | 3.05 -0.03 2.35 | 13.56 -0.08 0.56 | 12.56 -0.08 0.78 | -0.30 -0.02 3.67 | -9.91 0.03 5.61 | 0.17 -0.02 3.50 | 4.88 -0.04 2.26 | -6.27 0.02 3.24 | 4.83 -0.04 2.09 | 9.20 -0.06 1.26 | 10.66 -0.12 0.73 |
| MAPLE RIDGE_WT_2 323611 | 1.25 -0.03 2.27 | 17.14 -0.11 0.69 | 8.11 -0.07 1.33 | 3.38 -0.04 2.88 | 10.95 -0.09 0.84 | -8.62 0.01 5.20 | -3.74 0.01 2.61 | -0.51 -0.01 2.83 | 7.18 -0.05 2.19 | 5.07 -0.04 2.15 | -0.21 -0.01 2.13 | -7.16 0.03 3.81 | 7.23 -0.05 2.23 | 3.05 -0.03 2.35 | 13.56 -0.08 0.56 | 12.56 -0.08 0.78 | -0.30 -0.02 3.67 | -9.91 0.03 5.61 | 0.17 -0.02 3.50 | 4.88 -0.04 2.26 | -6.27 0.02 3.24 | 4.83 -0.04 2.09 | 9.20 -0.06 1.26 | 10.66 -0.12 0.73 |
| MARBLE_RIVER_WT_PWR 323696 | 3.48 -0.08 0.00 | 17.74 -0.19 0.00 | 9.43 -0.09 0.00 | 6.26 -0.05 0.00 | 11.75 -0.13 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.06 0.00 | 9.20 -0.22 0.00 | 7.09 -0.16 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.30 0.00 | 5.29 -0.15 0.00 | 13.85 -0.34 0.00 | 13.10 -0.32 0.00 | 3.31 -0.09 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.03 -0.14 0.00 | -2.98 0.07 0.00 | 6.83 -0.13 0.00 | 10.33 -0.19 0.00 | 11.31 -0.19 0.00 |
| MARSH_HILL_WT_PWR 323713 | 10.62 0.16 -6.90 | 20.74 0.71 -2.09 | 13.90 0.36 -4.03 | 15.25 0.20 -8.74 | 14.95 0.52 -2.55 | 12.14 -0.19 -15.76 | 6.91 -0.06 -8.11 | 11.42 0.15 -8.94 | 17.04 0.71 -6.92 | 14.57 0.54 -6.77 | 8.79 0.14 -6.72 | 8.39 -0.28 -12.03 | 17.32 0.77 -7.04 | 13.24 0.38 -7.42 | 16.87 0.97 -1.71 | 16.65 0.86 -2.37 | 14.77 0.23 -11.14 | 12.39 -0.30 -17.02 | 14.52 0.20 -10.62 | 14.46 0.45 -6.85 | 6.57 -0.19 -9.81 | 13.72 0.41 -6.34 | 14.92 0.58 -3.82 | 14.27 0.57 -2.20 |
| MG INDUSTRY__DRP 24185 | 46.11 0.16 -42.39 | 31.55 0.76 -12.85 | 34.71 0.42 -24.78 | 60.31 0.28 -53.72 | 28.05 0.51 -15.66 | 93.29 -0.14 -96.86 | 48.67 -0.05 -49.85 | 57.36 0.11 -54.92 | 52.36 0.46 -42.49 | 49.22 0.36 -41.60 | 43.33 0.10 -41.30 | 70.40 -0.18 -73.94 | 53.29 0.49 -43.29 | 51.33 0.28 -45.62 | 25.42 0.68 -10.54 | 28.63 0.61 -14.60 | 72.04 0.15 -68.49 | 100.06 -0.20 -104.59 | 69.15 0.17 -65.29 | 49.57 0.32 -42.08 | 57.11 -0.14 -60.30 | 46.25 0.31 -38.98 | 34.47 0.47 -23.48 | 25.51 0.51 -13.50 |

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| MID___OSWEGATCHIE_HYD 23849 | 3.51 -0.05 0.00 | 17.73 -0.20 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.76 -0.12 0.00 | -3.40 0.03 0.00 | -1.12 0.01 0.00 | 2.30 -0.03 0.00 | 9.26 -0.15 0.00 | 7.13 -0.13 0.00 | 1.89 -0.04 0.00 | -3.29 0.08 0.00 | 9.39 -0.12 0.00 | 5.33 -0.10 0.00 | 14.01 -0.18 0.00 | 13.24 -0.17 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.63 -0.06 0.00 | 7.07 -0.10 0.00 | -3.02 0.03 0.00 | 6.89 -0.07 0.00 | 10.40 -0.12 0.00 | 11.32 -0.17 0.00 |
| MID___RAQUETTE_HYD 23851 | 3.41 -0.15 0.00 | 17.37 -0.56 0.00 | 9.22 -0.29 0.00 | 6.13 -0.17 0.00 | 11.51 -0.36 0.00 | -3.33 0.11 0.00 | -1.09 0.04 0.00 | 2.22 -0.11 0.00 | 8.95 -0.47 0.00 | 6.88 -0.37 0.00 | 1.81 -0.12 0.00 | -3.16 0.21 0.00 | 9.07 -0.44 0.00 | 5.15 -0.28 0.00 | 13.59 -0.61 0.00 | 12.84 -0.58 0.00 | 3.22 -0.18 0.00 | -4.10 0.23 0.00 | 3.52 -0.17 0.00 | 6.83 -0.34 0.00 | -2.93 0.12 0.00 | 6.69 -0.26 0.00 | 10.11 -0.41 0.00 | 11.06 -0.44 0.00 |
| MILLIKEN___1 23584 | 10.36 0.11 -6.69 | 20.47 0.51 -2.03 | 13.67 0.25 -3.91 | 14.92 0.14 -8.48 | 14.68 0.33 -2.47 | 11.74 -0.10 -15.28 | 6.69 -0.04 -7.87 | 11.10 0.10 -8.67 | 16.52 0.40 -6.71 | 14.13 0.31 -6.57 | 8.52 0.08 -6.52 | 8.17 -0.14 -11.67 | 16.70 0.36 -6.83 | 12.83 0.19 -7.20 | 16.34 0.49 -1.66 | 16.21 0.49 -2.30 | 14.33 0.13 -10.80 | 12.01 -0.16 -16.50 | 14.12 0.13 -10.30 | 14.08 0.27 -6.64 | 6.35 -0.11 -9.51 | 13.37 0.26 -6.15 | 14.60 0.37 -3.70 | 14.01 0.38 -2.13 |
| MILLIKEN___2 23585 | 10.36 0.11 -6.69 | 20.47 0.51 -2.03 | 13.67 0.25 -3.91 | 14.92 0.14 -8.48 | 14.68 0.33 -2.47 | 11.74 -0.10 -15.28 | 6.69 -0.04 -7.87 | 11.10 0.10 -8.67 | 16.52 0.40 -6.71 | 14.13 0.31 -6.57 | 8.52 0.08 -6.52 | 8.17 -0.14 -11.67 | 16.70 0.36 -6.83 | 12.83 0.19 -7.20 | 16.34 0.49 -1.66 | 16.21 0.49 -2.30 | 14.33 0.13 -10.80 | 12.01 -0.16 -16.50 | 14.12 0.13 -10.30 | 14.08 0.27 -6.64 | 6.35 -0.11 -9.51 | 13.37 0.26 -6.15 | 14.60 0.37 -3.70 | 14.01 0.38 -2.13 |
| MILLIKEN___DIESEL 23629 | 10.36 0.11 -6.69 | 20.47 0.51 -2.03 | 13.67 0.25 -3.91 | 14.92 0.14 -8.48 | 14.68 0.33 -2.47 | 11.74 -0.10 -15.28 | 6.69 -0.04 -7.87 | 11.10 0.10 -8.67 | 16.52 0.40 -6.71 | 14.13 0.31 -6.57 | 8.52 0.08 -6.52 | 8.17 -0.14 -11.67 | 16.70 0.36 -6.83 | 12.83 0.19 -7.20 | 16.34 0.49 -1.66 | 16.21 0.49 -2.30 | 14.33 0.13 -10.80 | 12.01 -0.16 -16.50 | 14.12 0.13 -10.30 | 14.08 0.27 -6.64 | 6.35 -0.11 -9.51 | 13.37 0.26 -6.15 | 14.60 0.37 -3.70 | 14.01 0.38 -2.13 |
| MILLSEAT___LFGE 323607 | 8.47 0.01 -4.90 | 19.19 -0.23 -1.49 | 12.25 -0.13 -2.87 | 12.41 -0.12 -6.21 | 13.56 -0.13 -1.81 | 7.72 -0.05 -11.21 | 4.62 -0.02 -5.77 | 8.76 0.07 -6.36 | 14.64 0.31 -4.92 | 12.28 0.21 -4.82 | 6.74 0.03 -4.78 | 5.05 -0.14 -8.56 | 14.88 0.36 -5.01 | 10.83 0.12 -5.28 | 15.68 0.27 -1.22 | 15.30 0.19 -1.69 | 11.38 0.06 -7.92 | 7.67 -0.10 -12.10 | 11.25 0.00 -7.55 | 12.11 0.07 -4.87 | 3.85 -0.08 -6.98 | 11.53 0.07 -4.51 | 13.33 0.09 -2.72 | 13.09 0.03 -1.56 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 36.80 0.24 -33.00 | 28.99 1.05 -10.00 | 29.37 0.57 -19.29 | 48.53 0.40 -41.82 | 24.76 0.69 -12.19 | 71.79 -0.18 -75.40 | 37.58 -0.07 -38.78 | 45.21 0.16 -42.71 | 43.06 0.60 -33.04 | 40.09 0.48 -32.35 | 34.18 0.14 -32.12 | 53.91 -0.23 -57.50 | 43.81 0.63 -33.67 | 41.30 0.39 -35.48 | 23.40 1.03 -8.18 | 25.75 0.96 -11.37 | 56.96 0.24 -53.32 | 76.80 -0.29 -81.42 | 54.76 0.24 -50.83 | 40.41 0.49 -32.76 | 43.68 -0.21 -46.94 | 37.77 0.47 -30.34 | 29.53 0.73 -18.28 | 22.82 0.81 -10.51 |
| MODEL_CITY_ENERGY 24167 | 8.65 -0.10 -5.18 | 18.73 -0.77 -1.57 | 12.13 -0.41 -3.03 | 12.57 -0.31 -6.57 | 13.31 -0.48 -1.91 | 8.47 0.05 -11.85 | 4.98 0.02 -6.10 | 9.06 0.00 -6.72 | 14.64 0.02 -5.20 | 12.32 -0.02 -5.09 | 6.95 -0.03 -5.05 | 5.63 -0.05 -9.05 | 14.91 0.10 -5.30 | 10.97 -0.04 -5.58 | 15.32 -0.16 -1.29 | 14.97 -0.24 -1.79 | 11.72 -0.05 -8.38 | 8.50 0.03 -12.79 | 11.56 -0.12 -7.99 | 12.15 -0.16 -5.14 | 4.35 0.02 -7.38 | 11.56 -0.16 -4.77 | 13.16 -0.24 -2.87 | 12.85 -0.31 -1.65 |
| MODERN_LFGE___ 323580 | 8.65 -0.10 -5.18 | 18.73 -0.77 -1.57 | 12.13 -0.41 -3.03 | 12.57 -0.31 -6.57 | 13.31 -0.48 -1.91 | 8.47 0.05 -11.85 | 4.98 0.02 -6.10 | 9.06 0.00 -6.72 | 14.64 0.02 -5.20 | 12.32 -0.02 -5.09 | 6.95 -0.03 -5.05 | 5.63 -0.05 -9.05 | 14.91 0.10 -5.30 | 10.97 -0.04 -5.58 | 15.32 -0.16 -1.29 | 14.97 -0.24 -1.79 | 11.72 -0.05 -8.38 | 8.50 0.03 -12.79 | 11.56 -0.12 -7.99 | 12.15 -0.16 -5.14 | 4.35 0.02 -7.38 | 11.56 -0.16 -4.77 | 13.16 -0.24 -2.87 | 12.85 -0.31 -1.65 |
| MOHAWK_PAPER___DRP 24187 | 48.22 0.19 -44.46 | 32.31 0.90 -13.48 | 35.99 0.49 -25.99 | 62.97 0.32 -56.34 | 28.90 0.60 -16.42 | 97.99 -0.17 -101.60 | 51.58 -0.06 -52.77 | 60.97 0.12 -58.51 | 55.18 0.51 -45.26 | 51.97 0.40 -44.32 | 46.04 0.11 -44.00 | 75.21 -0.19 -78.78 | 56.18 0.55 -46.12 | 54.34 0.30 -48.60 | 26.07 0.76 -11.11 | 29.45 0.72 -15.32 | 75.42 0.19 -71.84 | 105.12 -0.25 -109.70 | 72.38 0.21 -68.48 | 51.71 0.40 -44.13 | 60.03 -0.17 -63.25 | 48.22 0.38 -40.88 | 35.71 0.56 -24.62 | 26.26 0.60 -14.16 |
| MONGAUP___HYD 23641 | 34.16 0.22 -30.38 | 28.12 0.98 -9.21 | 27.79 0.52 -17.76 | 45.17 0.36 -38.50 | 23.73 0.63 -11.22 | 65.83 -0.17 -69.43 | 34.51 -0.06 -35.71 | 41.72 0.07 -39.33 | 40.25 0.42 -30.42 | 37.39 0.35 -29.79 | 31.63 0.13 -29.57 | 49.36 -0.22 -52.94 | 41.08 0.57 -31.00 | 38.44 0.34 -32.67 | 22.60 0.87 -7.54 | 24.71 0.83 -10.47 | 52.72 0.23 -49.09 | 70.40 -0.24 -74.96 | 50.67 0.18 -46.80 | 37.70 0.37 -30.16 | 40.01 -0.16 -43.22 | 35.37 0.47 -27.94 | 28.11 0.76 -16.83 | 21.98 0.81 -9.68 |
| MONTAUK___DIESEL 23721 | 37.24 0.47 -33.21 | 30.05 2.06 -10.06 | 30.04 1.12 -19.41 | 49.17 0.78 -42.08 | 25.47 1.33 -12.26 | 72.14 -0.30 -75.87 | 37.75 -0.14 -39.02 | 45.64 0.32 -42.98 | 43.94 1.28 -33.24 | 40.75 0.94 -32.56 | 34.51 0.26 -32.32 | 53.98 -0.51 -57.86 | 44.64 1.26 -33.88 | 41.82 0.69 -35.70 | 24.30 1.87 -8.23 | 26.71 1.86 -11.44 | 139.74 0.55 -135.79 | 77.17 -0.43 -81.93 | 55.33 0.49 -51.15 | 41.11 0.98 -32.96 | 43.77 -0.41 -47.24 | 38.36 0.87 -30.53 | 31.42 1.49 -19.40 | 23.75 1.68 -10.58 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.41 | 48.82 0.44 -42.07 | 24.90 0.76 -12.26 | 72.24 -0.19 -75.87 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.68 -33.87 | 41.55 0.42 -35.70 | 23.56 1.13 -8.23 | 25.90 1.05 -11.44 | 57.30 0.26 -53.65 | 77.28 -0.31 -81.92 | 55.09 0.25 -51.14 | 40.64 0.51 -32.96 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.89 -10.58 |
| MUNSVILLE_WIND_PWR 323609 | 13.65 0.30 -9.79 | 22.30 1.40 -2.97 | 15.95 0.71 -5.72 | 19.14 0.43 -12.40 | 16.39 0.90 -3.61 | 18.65 -0.28 -22.36 | 10.29 -0.10 -11.53 | 15.29 0.24 -12.71 | 20.23 0.98 -9.83 | 17.65 0.76 -9.63 | 11.68 0.20 -9.56 | 13.40 -0.35 -17.11 | 20.49 0.97 -10.02 | 16.50 0.51 -10.56 | 17.98 1.35 -2.43 | 18.07 1.28 -3.37 | 19.53 0.32 -15.81 | 19.40 -0.42 -24.14 | 19.09 0.32 -15.07 | 17.56 0.68 -9.71 | 10.58 -0.30 -13.92 | 16.62 0.67 -9.00 | 16.88 0.94 -5.42 | 15.61 0.99 -3.12 |
| N SALMON___HYD 24042 | 3.50 -0.06 0.00 | 17.84 -0.09 0.00 | 9.48 -0.03 0.00 | 6.30 -0.01 0.00 | 11.82 -0.05 0.00 | -3.42 0.02 0.00 | -1.12 0.01 0.00 | 2.29 -0.05 0.00 | 9.26 -0.15 0.00 | 7.14 -0.11 0.00 | 1.90 -0.03 0.00 | -3.29 0.08 0.00 | 9.30 -0.21 0.00 | 5.32 -0.11 0.00 | 13.97 -0.22 0.00 | 13.20 -0.22 0.00 | 3.32 -0.07 0.00 | -4.24 0.09 0.00 | 3.64 -0.05 0.00 | 7.07 -0.10 0.00 | -3.01 0.04 0.00 | 6.89 -0.07 0.00 | 10.41 -0.11 0.00 | 11.38 -0.12 0.00 |

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| N.E_GEN_SANDY PD 24062 | 42.45 0.19 -38.70 | 30.57 0.91 -11.73 | 32.62 0.49 -22.62 | 55.67 0.32 -49.04 | 24.78 0.60 -12.30 | 85.21 -0.17 -88.82 | 44.40 -0.06 -45.59 | 53.53 0.14 -51.06 | 48.86 0.55 -38.90 | 45.78 0.43 -38.09 | 39.87 0.12 -37.81 | 64.12 -0.21 -67.70 | 49.73 0.58 -39.64 | 47.53 0.33 -41.77 | 24.64 0.83 -9.61 | 27.54 0.79 -13.33 | 66.12 0.20 -62.53 | 90.89 -0.26 -95.48 | 63.52 0.22 -59.61 | 46.02 0.43 -38.41 | 51.82 -0.18 -55.05 | 43.18 0.42 -35.80 | 32.57 0.62 -21.43 | 24.49 0.67 -12.33 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 35.86 0.24 -32.06 | 28.69 1.04 -9.72 | 28.81 0.56 -18.74 | 47.33 0.39 -40.62 | 24.40 0.68 -11.84 | 69.65 -0.17 -73.25 | 36.48 -0.07 -37.68 | 43.98 0.16 -41.49 | 42.12 0.60 -32.10 | 39.17 0.48 -31.43 | 33.26 0.14 -31.20 | 52.27 -0.22 -55.86 | 42.86 0.64 -32.70 | 40.28 0.38 -34.47 | 23.17 1.02 -7.95 | 25.41 0.95 -11.04 | 55.44 0.24 -51.80 | 74.47 -0.29 -79.10 | 53.31 0.24 -49.38 | 39.49 0.49 -31.82 | 42.34 -0.21 -45.60 | 36.91 0.48 -29.48 | 29.01 0.73 -17.75 | 22.52 0.81 -10.21 |
| NARROWS_GT1_1 24228 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_2 24229 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_3 24230 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_4 24231 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_5 24232 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_6 24233 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_7 24234 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT1_8 24235 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_1 24236 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_2 24237 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_3 24238 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_4 24239 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_5 24240 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_6 24241 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_7 24242 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NARROWS_GT2_8 24243 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 40.39 0.26 -36.57 | 30.21 1.20 -11.09 | 31.53 0.64 -21.38 | 53.08 0.43 -46.35 | 26.18 0.79 -13.51 | 79.93 -0.21 -83.58 | 41.79 -0.08 -43.01 | 49.89 0.18 -47.38 | 46.79 0.73 -36.65 | 43.71 0.57 -35.89 | 37.71 0.16 -35.62 | 60.17 -0.25 -63.78 | 47.58 0.73 -37.34 | 45.22 0.43 -39.35 | 24.38 1.11 -9.08 | 27.04 1.02 -12.60 | 62.76 0.26 -59.10 | 85.58 -0.34 -90.24 | 60.32 0.29 -56.34 | 44.05 0.58 -36.31 | 48.74 -0.25 -52.03 | 41.13 0.54 -33.63 | 31.58 0.80 -20.26 | 23.99 0.84 -11.65 |
| NEG CAPITAL___MECHNVIL 23645 | 50.50 0.26 -46.68 | 33.28 1.20 -14.15 | 37.46 0.65 -27.29 | 65.89 0.43 -59.16 | 29.93 0.80 -17.25 | 103.00 -0.24 -106.68 | 54.35 -0.08 -55.57 | 64.24 0.18 -61.73 | 57.91 0.74 -47.75 | 54.61 0.59 -46.76 | 48.51 0.16 -46.42 | 79.47 -0.28 -83.11 | 58.97 0.80 -48.66 | 57.14 0.43 -51.28 | 26.93 1.06 -11.68 | 30.53 1.03 -16.08 | 79.09 0.26 -75.43 | 110.51 -0.35 -115.19 | 75.90 0.30 -71.91 | 54.11 0.59 -46.34 | 63.12 -0.25 -66.41 | 50.44 0.56 -42.93 | 37.18 0.80 -25.86 | 27.19 0.82 -14.87 |
| NEG CENTRAL_HIGH_ACRES 23767 | 7.55 -0.08 -4.06 | 18.64 -0.53 -1.23 | 11.61 -0.28 -2.38 | 11.26 -0.20 -5.15 | 13.04 -0.34 -1.50 | 5.91 0.05 -9.29 | 3.66 0.02 -4.78 | 7.59 -0.01 -5.27 | 13.47 -0.02 -4.08 | 11.22 -0.02 -3.99 | 5.88 -0.02 -3.96 | 3.71 -0.02 -7.10 | 13.66 -0.01 -4.16 | 9.77 -0.04 -4.38 | 15.07 -0.14 -1.01 | 14.66 -0.15 -1.40 | 9.93 -0.03 -6.57 | 5.73 0.03 -10.03 | 9.89 -0.06 -6.26 | 11.11 -0.09 -4.04 | 2.75 0.01 -5.78 | 10.60 -0.10 -3.74 | 12.61 -0.16 -2.25 | 12.56 -0.24 -1.30 |
| NEG CENTRAL___DRP 24199 | 8.06 0.07 -4.43 | 19.52 0.24 -1.34 | 12.22 0.11 -2.59 | 11.98 0.05 -5.62 | 13.68 0.17 -1.64 | 6.63 -0.07 -10.13 | 4.06 -0.03 -5.21 | 8.15 0.07 -5.75 | 14.18 0.31 -4.45 | 11.85 0.25 -4.36 | 6.31 0.06 -4.32 | 4.25 -0.13 -7.74 | 14.35 0.31 -4.53 | 10.37 0.16 -4.78 | 15.69 0.39 -1.10 | 15.30 0.35 -1.53 | 10.66 0.09 -7.16 | 6.49 -0.12 -10.94 | 10.60 0.08 -6.83 | 11.76 0.19 -4.40 | 3.18 -0.08 -6.31 | 11.21 0.18 -4.08 | 13.22 0.24 -2.46 | 13.15 0.23 -1.41 |
| NEG CENTRAL___INDECK 23768 | 9.53 0.15 -5.82 | 20.27 0.57 -1.77 | 13.20 0.29 -3.40 | 13.84 0.16 -7.38 | 14.42 0.39 -2.15 | 9.70 -0.17 -13.30 | 5.66 -0.06 -6.85 | 10.02 0.14 -7.55 | 15.90 0.65 -5.84 | 13.45 0.48 -5.72 | 7.72 0.12 -5.67 | 6.54 -0.25 -10.16 | 16.12 0.67 -5.95 | 12.02 0.32 -6.27 | 16.46 0.83 -1.44 | 16.16 0.74 -2.01 | 12.99 0.19 -9.41 | 9.77 -0.27 -14.36 | 12.84 0.18 -8.97 | 13.35 0.40 -5.78 | 5.04 -0.19 -8.28 | 12.68 0.37 -5.35 | 14.26 0.52 -3.23 | 13.84 0.48 -1.85 |
| NEG CENTRAL___SENECA 23627 | 8.56 0.09 -4.91 | 19.78 0.37 -1.49 | 12.56 0.17 -2.87 | 12.61 0.08 -6.22 | 13.95 0.26 -1.81 | 7.69 -0.09 -11.22 | 4.60 -0.04 -5.77 | 8.78 0.08 -6.36 | 14.76 0.42 -4.92 | 12.40 0.33 -4.82 | 6.80 0.08 -4.79 | 5.03 -0.17 -8.57 | 14.94 0.41 -5.02 | 10.93 0.22 -5.28 | 15.95 0.53 -1.22 | 15.59 0.48 -1.69 | 11.45 0.13 -7.93 | 7.61 -0.17 -12.11 | 11.36 0.11 -7.56 | 12.30 0.25 -4.87 | 3.83 -0.11 -6.98 | 11.72 0.24 -4.51 | 13.57 0.34 -2.72 | 13.39 0.33 -1.56 |
| NEG CENTRAL___STATE_STREET 24147 | 7.94 0.06 -4.32 | 19.50 0.26 -1.31 | 12.17 0.12 -2.52 | 11.85 0.07 -5.47 | 13.66 0.19 -1.60 | 6.37 -0.07 -9.87 | 3.92 -0.03 -5.08 | 8.00 0.07 -5.60 | 14.02 0.27 -4.33 | 11.71 0.22 -4.24 | 6.20 0.06 -4.21 | 4.06 -0.11 -7.54 | 14.20 0.27 -4.42 | 10.24 0.15 -4.65 | 15.63 0.36 -1.07 | 15.25 0.34 -1.49 | 10.47 0.09 -6.98 | 6.23 -0.10 -10.66 | 10.42 0.08 -6.65 | 11.64 0.18 -4.29 | 3.02 -0.08 -6.15 | 11.10 0.17 -3.97 | 13.16 0.24 -2.39 | 13.12 0.24 -1.38 |
| NEG MILLWOOD___DRP 24198 | 37.88 0.28 -34.04 | 29.50 1.25 -10.32 | 30.08 0.67 -19.90 | 49.90 0.46 -43.14 | 25.26 0.82 -12.57 | 74.13 -0.21 -77.78 | 38.81 -0.08 -40.02 | 46.60 0.19 -44.08 | 44.24 0.72 -34.10 | 41.21 0.57 -33.39 | 35.24 0.16 -33.15 | 55.71 -0.27 -59.35 | 45.01 0.75 -34.75 | 42.49 0.44 -36.62 | 23.82 1.18 -8.45 | 26.26 1.12 -11.73 | 58.68 0.28 -55.00 | 79.31 -0.35 -83.99 | 56.41 0.29 -52.43 | 41.54 0.58 -33.79 | 45.12 -0.25 -48.42 | 38.82 0.56 -31.30 | 30.23 0.85 -18.85 | 23.28 0.93 -10.84 |
| NEG NORTH_FLCN_SEA 23793 | 3.51 -0.05 0.00 | 17.88 -0.05 0.00 | 9.50 -0.01 0.00 | 6.31 0.00 0.00 | 11.83 -0.04 0.00 | -3.42 0.01 0.00 | -1.12 0.01 0.00 | 2.29 -0.05 0.00 | 9.28 -0.14 0.00 | 7.15 -0.10 0.00 | 1.90 -0.02 0.00 | -3.29 0.08 0.00 | 9.28 -0.23 0.00 | 5.33 -0.11 0.00 | 13.96 -0.24 0.00 | 13.20 -0.22 0.00 | 3.33 -0.06 0.00 | -4.25 0.07 0.00 | 3.65 -0.04 0.00 | 7.08 -0.09 0.00 | -3.01 0.04 0.00 | 6.88 -0.08 0.00 | 10.41 -0.11 0.00 | 11.40 -0.10 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 3.47 -0.09 0.00 | 17.73 -0.21 0.00 | 9.42 -0.09 0.00 | 6.26 -0.05 0.00 | 11.75 -0.13 0.00 | -3.40 0.04 0.00 | -1.12 0.02 0.00 | 2.27 -0.06 0.00 | 9.19 -0.22 0.00 | 7.08 -0.17 0.00 | 1.89 -0.04 0.00 | -3.26 0.11 0.00 | 9.21 -0.30 0.00 | 5.28 -0.15 0.00 | 13.84 -0.36 0.00 | 13.09 -0.33 0.00 | 3.30 -0.09 0.00 | -4.22 0.11 0.00 | 3.62 -0.07 0.00 | 7.02 -0.15 0.00 | -2.98 0.07 0.00 | 6.82 -0.14 0.00 | 10.32 -0.20 0.00 | 11.30 -0.20 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 3.52 -0.04 0.00 | 17.93 0.00 0.00 | 9.53 0.01 0.00 | 6.32 0.01 0.00 | 11.86 -0.02 0.00 | -3.43 0.01 0.00 | -1.13 0.01 0.00 | 2.30 -0.04 0.00 | 9.30 -0.11 0.00 | 7.17 -0.08 0.00 | 1.91 -0.02 0.00 | -3.30 0.07 0.00 | 9.31 -0.20 0.00 | 5.34 -0.09 0.00 | 13.99 -0.20 0.00 | 13.23 -0.19 0.00 | 3.34 -0.06 0.00 | -4.26 0.06 0.00 | 3.66 -0.03 0.00 | 7.11 -0.06 0.00 | -3.02 0.03 0.00 | 6.91 -0.05 0.00 | 10.44 -0.08 0.00 | 11.43 -0.07 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 3.52 -0.04 0.00 | 17.93 0.00 0.00 | 9.53 0.01 0.00 | 6.32 0.01 0.00 | 11.86 -0.02 0.00 | -3.43 0.01 0.00 | -1.13 0.01 0.00 | 2.30 -0.04 0.00 | 9.30 -0.11 0.00 | 7.17 -0.08 0.00 | 1.91 -0.02 0.00 | -3.30 0.07 0.00 | 9.31 -0.20 0.00 | 5.34 -0.09 0.00 | 13.99 -0.20 0.00 | 13.23 -0.19 0.00 | 3.34 -0.06 0.00 | -4.26 0.06 0.00 | 3.66 -0.03 0.00 | 7.11 -0.06 0.00 | -3.02 0.03 0.00 | 6.91 -0.05 0.00 | 10.44 -0.08 0.00 | 11.43 -0.07 0.00 |

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| NEG NORTH___PLATTSBURG 23628 | 3.52 -0.04 0.00 | 17.93 0.00 0.00 | 9.53 0.01 0.00 | 6.32 0.01 0.00 | 11.86 -0.02 0.00 | -3.43 0.01 0.00 | -1.13 0.01 0.00 | 2.30 -0.04 0.00 | 9.30 -0.11 0.00 | 7.17 -0.08 0.00 | 1.91 -0.02 0.00 | -3.30 0.07 0.00 | 9.31 -0.20 0.00 | 5.34 -0.09 0.00 | 13.99 -0.20 0.00 | 13.23 -0.19 0.00 | 3.34 -0.06 0.00 | -4.26 0.06 0.00 | 3.66 -0.03 0.00 | 7.11 -0.06 0.00 | -3.02 0.03 0.00 | 6.91 -0.05 0.00 | 10.44 -0.08 0.00 | 11.43 -0.07 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 8.63 -0.06 -5.12 | 18.93 -0.56 -1.55 | 12.22 -0.29 -3.00 | 12.57 -0.23 -6.49 | 13.43 -0.34 -1.89 | 8.28 0.01 -11.71 | 4.90 0.00 -6.03 | 9.00 0.02 -6.64 | 14.69 0.14 -5.14 | 12.35 0.07 -5.03 | 6.91 -0.01 -4.99 | 5.48 -0.09 -8.94 | 14.95 0.21 -5.23 | 10.98 0.03 -5.52 | 15.48 0.01 -1.27 | 15.12 -0.06 -1.77 | 11.67 -0.01 -8.28 | 8.29 -0.02 -12.64 | 11.51 -0.07 -7.89 | 12.18 -0.07 -5.09 | 4.22 -0.02 -7.29 | 11.60 -0.07 -4.71 | 13.26 -0.10 -2.84 | 12.97 -0.17 -1.63 |
| NEG WEST___LANCASTR 23811 | 9.69 0.15 -5.98 | 20.25 0.50 -1.81 | 13.27 0.26 -3.49 | 14.01 0.12 -7.58 | 14.45 0.37 -2.21 | 10.05 -0.17 -13.66 | 5.85 -0.05 -7.03 | 10.15 0.07 -7.75 | 15.95 0.54 -5.99 | 13.56 0.44 -5.87 | 7.85 0.10 -5.82 | 6.81 -0.26 -10.43 | 16.26 0.64 -6.11 | 12.18 0.31 -6.44 | 16.42 0.75 -1.48 | 16.14 0.66 -2.06 | 13.23 0.18 -9.66 | 10.18 -0.24 -14.75 | 13.01 0.11 -9.21 | 13.39 0.29 -5.93 | 5.30 -0.16 -8.50 | 12.74 0.28 -5.50 | 14.28 0.45 -3.31 | 13.88 0.48 -1.90 |
| NEG_PENN_ALLEGHNY 23528 | 14.14 0.15 -10.43 | 21.75 0.66 -3.16 | 15.93 0.32 -6.10 | 19.71 0.18 -13.22 | 16.16 0.43 -3.86 | 20.29 -0.12 -23.84 | 11.09 -0.04 -12.27 | 15.96 0.10 -13.52 | 20.33 0.45 -10.46 | 17.85 0.35 -10.24 | 12.19 0.10 -10.17 | 14.68 -0.16 -18.21 | 20.63 0.46 -10.66 | 16.91 0.25 -11.23 | 17.43 0.65 -2.59 | 17.61 0.60 -3.60 | 20.41 0.16 -16.85 | 21.22 -0.19 -25.74 | 19.90 0.14 -16.07 | 17.82 0.29 -10.35 | 11.68 -0.11 -14.84 | 16.85 0.30 -9.59 | 16.74 0.44 -5.78 | 15.31 0.48 -3.32 |
| NEG___GEN_MONROE 24207 | 7.83 0.02 -4.25 | 19.05 -0.17 -1.29 | 11.89 -0.10 -2.48 | 11.60 -0.09 -5.38 | 13.33 -0.12 -1.57 | 6.24 -0.03 -9.70 | 3.85 -0.01 -5.00 | 7.89 0.05 -5.51 | 13.96 0.29 -4.26 | 11.64 0.21 -4.17 | 6.11 0.04 -4.14 | 3.91 -0.14 -7.41 | 14.19 0.34 -4.34 | 10.14 0.13 -4.57 | 15.54 0.29 -1.05 | 15.06 0.18 -1.46 | 10.31 0.05 -6.86 | 6.06 -0.09 -10.48 | 10.24 0.01 -6.54 | 11.45 0.06 -4.22 | 2.93 -0.06 -6.04 | 10.92 0.06 -3.90 | 12.94 0.07 -2.35 | 12.87 0.02 -1.35 |
| NEPA___ENERGY 23901 | 10.72 0.10 -7.06 | 20.43 0.35 -2.14 | 13.80 0.16 -4.13 | 15.30 0.05 -8.94 | 14.75 0.26 -2.61 | 12.59 -0.10 -16.13 | 7.13 -0.04 -8.30 | 11.52 0.04 -9.14 | 16.86 0.38 -7.07 | 14.49 0.31 -6.93 | 8.87 0.07 -6.88 | 8.77 -0.18 -12.31 | 17.17 0.45 -7.21 | 13.24 0.22 -7.60 | 16.47 0.52 -1.75 | 16.31 0.46 -2.43 | 14.92 0.13 -11.40 | 12.92 -0.16 -17.41 | 14.62 0.07 -10.87 | 14.36 0.18 -7.00 | 6.90 -0.09 -10.04 | 13.64 0.19 -6.49 | 14.73 0.31 -3.91 | 14.10 0.35 -2.25 |
| NEVERSINK___HYD 23608 | 33.68 0.18 -29.95 | 27.78 0.77 -9.08 | 27.43 0.41 -17.50 | 44.54 0.29 -37.94 | 23.42 0.49 -11.06 | 64.86 -0.13 -68.43 | 34.02 -0.05 -35.20 | 41.23 0.13 -38.77 | 39.86 0.45 -29.99 | 36.97 0.35 -29.37 | 31.18 0.10 -29.15 | 48.53 -0.30 -52.20 | 40.21 0.14 -30.56 | 37.73 0.09 -32.20 | 21.87 0.25 -7.43 | 23.98 0.25 -10.32 | 51.85 0.07 -48.38 | 69.47 -0.09 -73.88 | 49.89 0.08 -46.12 | 37.08 0.18 -29.72 | 39.38 -0.17 -42.60 | 34.87 0.38 -27.53 | 27.67 0.57 -16.59 | 21.65 0.61 -9.54 |
| NEWTON___FALLS_HYD 23847 | 3.51 -0.05 0.00 | 17.73 -0.20 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.76 -0.12 0.00 | -3.40 0.03 0.00 | -1.12 0.01 0.00 | 2.30 -0.03 0.00 | 9.26 -0.15 0.00 | 7.13 -0.13 0.00 | 1.89 -0.04 0.00 | -3.29 0.08 0.00 | 9.39 -0.12 0.00 | 5.33 -0.10 0.00 | 14.01 -0.18 0.00 | 13.24 -0.17 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.63 -0.06 0.00 | 7.07 -0.10 0.00 | -3.02 0.03 0.00 | 6.89 -0.07 0.00 | 10.40 -0.12 0.00 | 11.32 -0.17 0.00 |
| NIAGARA_115E_LBMP 323715 | 8.67 -0.12 -5.23 | 18.63 -0.89 -1.59 | 12.10 -0.48 -3.06 | 12.59 -0.35 -6.63 | 13.25 -0.56 -1.93 | 8.60 0.08 -11.96 | 5.05 0.02 -6.15 | 9.11 -0.01 -6.78 | 14.62 -0.04 -5.25 | 12.32 -0.08 -5.14 | 6.98 -0.05 -5.10 | 5.75 -0.02 -9.13 | 14.89 0.04 -5.35 | 10.99 -0.08 -5.63 | 15.23 -0.26 -1.30 | 14.89 -0.33 -1.80 | 11.78 -0.08 -8.46 | 8.65 0.06 -12.91 | 11.61 -0.14 -8.06 | 12.15 -0.21 -5.20 | 4.43 0.04 -7.44 | 11.56 -0.21 -4.81 | 13.11 -0.31 -2.90 | 12.79 -0.38 -1.67 |
| NIAGARA_115W_LBMP 323714 | 8.63 -0.15 -5.22 | 18.50 -1.02 -1.58 | 12.02 -0.55 -3.05 | 12.52 -0.40 -6.61 | 13.15 -0.65 -1.93 | 8.60 0.10 -11.92 | 5.03 0.03 -6.14 | 9.10 0.00 -6.77 | 14.57 -0.08 -5.23 | 12.24 -0.14 -5.12 | 6.95 -0.06 -5.09 | 5.78 0.04 -9.11 | 14.86 0.02 -5.33 | 10.93 -0.12 -5.62 | 15.20 -0.28 -1.30 | 14.84 -0.38 -1.80 | 11.73 -0.10 -8.43 | 8.65 0.10 -12.88 | 11.55 -0.17 -8.04 | 12.08 -0.27 -5.18 | 4.44 0.06 -7.42 | 11.49 -0.27 -4.80 | 13.02 -0.39 -2.89 | 12.77 -0.39 -1.66 |
| NIAGARA_230_LBMP 323716 | 8.63 -0.09 -5.16 | 18.78 -0.72 -1.57 | 12.16 -0.38 -3.02 | 12.57 -0.28 -6.54 | 13.34 -0.44 -1.91 | 8.40 0.04 -11.79 | 4.95 0.01 -6.07 | 9.01 -0.01 -6.69 | 14.62 0.03 -5.18 | 12.31 -0.01 -5.07 | 6.93 -0.03 -5.03 | 5.58 -0.06 -9.01 | 14.88 0.09 -5.27 | 10.96 -0.02 -5.56 | 15.35 -0.13 -1.28 | 15.00 -0.20 -1.78 | 11.69 -0.05 -8.34 | 8.43 0.03 -12.74 | 11.53 -0.10 -7.95 | 12.14 -0.15 -5.12 | 4.31 0.02 -7.34 | 11.56 -0.15 -4.74 | 13.18 -0.20 -2.86 | 12.87 -0.27 -1.64 |
| NIAGARA____ 23760 | 8.66 -0.12 -5.21 | 18.65 -0.85 -1.58 | 12.09 -0.47 -3.04 | 12.57 -0.34 -6.60 | 13.25 -0.55 -1.92 | 8.56 0.08 -11.91 | 5.04 0.03 -6.15 | 9.12 0.01 -6.77 | 14.61 -0.02 -5.22 | 12.29 -0.07 -5.11 | 6.96 -0.04 -5.07 | 5.75 0.01 -9.10 | 14.89 0.07 -5.32 | 10.96 -0.07 -5.60 | 15.29 -0.20 -1.29 | 14.93 -0.28 -1.79 | 11.74 -0.07 -8.41 | 8.59 0.07 -12.84 | 11.56 -0.14 -8.01 | 12.12 -0.21 -5.17 | 4.40 0.04 -7.41 | 11.54 -0.20 -4.78 | 13.11 -0.30 -2.88 | 12.83 -0.33 -1.66 |
| NINE_MILE_1 23575 | 5.74 -0.07 -2.25 | 18.21 -0.41 -0.68 | 10.61 -0.22 -1.32 | 9.01 -0.15 -2.86 | 12.44 -0.27 -0.83 | 1.78 0.07 -5.15 | 1.54 0.02 -2.65 | 5.22 -0.03 -2.92 | 11.54 -0.14 -2.26 | 9.36 -0.11 -2.21 | 4.09 -0.03 -2.20 | 0.61 0.04 -3.93 | 11.67 -0.14 -2.30 | 7.77 -0.09 -2.43 | 14.52 -0.24 -0.56 | 13.96 -0.23 -0.78 | 6.98 -0.06 -3.64 | 1.30 0.07 -5.56 | 7.09 -0.07 -3.47 | 9.28 -0.13 -2.24 | 0.21 0.05 -3.20 | 8.91 -0.12 -2.07 | 11.58 -0.19 -1.25 | 11.99 -0.23 -0.72 |
| NINE_MILE_2 23744 | 5.74 -0.07 -2.25 | 18.21 -0.41 -0.68 | 10.60 -0.22 -1.31 | 9.00 -0.15 -2.85 | 12.44 -0.27 -0.83 | 1.77 0.07 -5.14 | 1.53 0.02 -2.65 | 5.22 -0.04 -2.92 | 11.53 -0.14 -2.26 | 9.35 -0.11 -2.21 | 4.09 -0.03 -2.19 | 0.60 0.04 -3.93 | 11.67 -0.14 -2.30 | 7.77 -0.08 -2.42 | 14.51 -0.24 -0.56 | 13.96 -0.23 -0.77 | 6.97 -0.06 -3.63 | 1.29 0.07 -5.55 | 7.08 -0.07 -3.46 | 9.28 -0.13 -2.23 | 0.20 0.05 -3.20 | 8.90 -0.12 -2.07 | 11.57 -0.19 -1.25 | 11.99 -0.23 -0.72 |
| NM_CAPITAL___DRP 24208 | 47.72 0.17 -43.99 | 32.06 0.79 -13.33 | 35.66 0.44 -25.71 | 62.34 0.29 -55.74 | 28.66 0.53 -16.25 | 96.94 -0.14 -100.51 | 50.98 -0.05 -52.17 | 60.25 0.10 -57.81 | 54.56 0.43 -44.72 | 51.39 0.34 -43.79 | 45.50 0.10 -43.47 | 74.30 -0.17 -77.83 | 55.55 0.47 -45.57 | 53.71 0.26 -48.02 | 25.83 0.66 -10.98 | 29.18 0.60 -15.16 | 74.63 0.15 -71.08 | 104.00 -0.21 -108.53 | 71.62 0.17 -67.76 | 51.17 0.33 -43.66 | 59.38 -0.14 -62.58 | 47.72 0.32 -40.45 | 35.36 0.48 -24.36 | 26.02 0.51 -14.01 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NM_CENTRAL___DRP 24181 | 6.55 0.00 -2.99 | 18.79 -0.05 -0.91 | 11.23 -0.04 -1.75 | 10.06 -0.03 -3.79 | 12.95 -0.03 -1.11 | 3.40 0.00 -6.84 | 2.39 0.00 -3.52 | 6.24 0.02 -3.89 | 12.50 0.08 -3.01 | 10.26 0.06 -2.95 | 4.87 0.02 -2.92 | 1.83 -0.03 -5.23 | 12.65 0.08 -3.06 | 8.69 0.03 -3.23 | 15.02 0.09 -0.74 | 14.52 0.07 -1.03 | 8.25 0.02 -4.84 | 3.03 -0.03 -7.38 | 8.31 0.01 -4.61 | 10.17 0.03 -2.97 | 1.19 -0.02 -4.26 | 9.74 0.03 -2.75 | 12.21 0.03 -1.66 | 12.47 0.02 -0.95 |
| NM_FRONTIER___DRP 24179 | 8.63 -0.15 -5.22 | 18.50 -1.02 -1.58 | 12.02 -0.55 -3.05 | 12.52 -0.40 -6.61 | 13.15 -0.65 -1.93 | 8.60 0.10 -11.92 | 5.03 0.03 -6.14 | 9.10 0.00 -6.77 | 14.57 -0.08 -5.23 | 12.24 -0.14 -5.12 | 6.95 -0.06 -5.09 | 5.78 0.04 -9.11 | 14.86 0.02 -5.33 | 10.93 -0.12 -5.62 | 15.20 -0.28 -1.30 | 14.84 -0.38 -1.80 | 11.73 -0.10 -8.43 | 8.65 0.10 -12.88 | 11.55 -0.17 -8.04 | 12.08 -0.27 -5.18 | 4.44 0.06 -7.42 | 11.49 -0.27 -4.80 | 13.02 -0.39 -2.89 | 12.77 -0.39 -1.66 |
| NM_ST_REGIS___HYD 24053 | 3.44 -0.13 0.00 | 17.50 -0.44 0.00 | 9.29 -0.22 0.00 | 6.18 -0.13 0.00 | 11.60 -0.28 0.00 | -3.35 0.08 0.00 | -1.10 0.03 0.00 | 2.24 -0.09 0.00 | 9.03 -0.39 0.00 | 6.95 -0.30 0.00 | 1.83 -0.10 0.00 | -3.19 0.18 0.00 | 9.13 -0.38 0.00 | 5.19 -0.24 0.00 | 13.68 -0.51 0.00 | 12.93 -0.49 0.00 | 3.24 -0.15 0.00 | -4.13 0.19 0.00 | 3.55 -0.14 0.00 | 6.90 -0.28 0.00 | -2.95 0.10 0.00 | 6.74 -0.21 0.00 | 10.19 -0.34 0.00 | 11.15 -0.36 0.00 |
| NORTHPORT___1 23551 | 37.08 0.32 -33.21 | 29.36 1.37 -10.06 | 29.71 0.78 -19.41 | 48.95 0.56 -42.08 | 25.04 0.90 -12.26 | 72.29 -0.16 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.48 0.82 -33.24 | 40.41 0.60 -32.56 | 34.42 0.17 -32.32 | 54.16 -0.33 -57.86 | 44.17 0.78 -33.88 | 41.61 0.48 -35.70 | 23.79 1.36 -8.23 | 26.13 1.28 -11.44 | 52.59 0.36 -48.83 | 77.29 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.69 0.56 -32.96 | 43.96 -0.23 -47.24 | 38.00 0.51 -30.53 | 30.87 0.95 -19.40 | 23.14 1.06 -10.58 |
| NORTHPORT___2 23552 | 37.08 0.32 -33.21 | 29.36 1.37 -10.06 | 29.71 0.78 -19.41 | 48.95 0.56 -42.08 | 25.04 0.90 -12.26 | 72.29 -0.16 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.48 0.82 -33.24 | 40.41 0.60 -32.56 | 34.42 0.17 -32.32 | 54.16 -0.33 -57.86 | 44.17 0.78 -33.88 | 41.61 0.48 -35.70 | 23.79 1.36 -8.23 | 26.13 1.28 -11.44 | 52.59 0.36 -48.83 | 77.29 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.69 0.56 -32.96 | 43.96 -0.23 -47.24 | 38.00 0.51 -30.53 | 30.87 0.95 -19.40 | 23.14 1.06 -10.58 |
| NORTHPORT___3 23553 | 37.05 0.28 -33.21 | 29.19 1.20 -10.06 | 29.60 0.68 -19.41 | 48.88 0.50 -42.08 | 24.92 0.77 -12.26 | 72.31 -0.13 -75.87 | 37.82 -0.07 -39.02 | 45.48 0.17 -42.98 | 43.35 0.69 -33.24 | 40.33 0.52 -32.56 | 34.39 0.15 -32.32 | 54.21 -0.28 -57.86 | 44.07 0.69 -33.88 | 41.55 0.42 -35.70 | 23.61 1.18 -8.23 | 25.99 1.14 -11.44 | 62.40 0.31 -58.70 | 77.32 -0.28 -81.93 | 55.09 0.25 -51.15 | 40.63 0.50 -32.96 | 43.98 -0.21 -47.24 | 37.94 0.46 -30.53 | 30.76 0.84 -19.39 | 23.02 0.94 -10.58 |
| NORTHPORT___4 23650 | 37.05 0.28 -33.21 | 29.19 1.20 -10.06 | 29.60 0.68 -19.41 | 48.88 0.50 -42.08 | 24.92 0.77 -12.26 | 72.31 -0.13 -75.87 | 37.82 -0.07 -39.02 | 45.48 0.17 -42.98 | 43.35 0.69 -33.24 | 40.33 0.52 -32.56 | 34.39 0.15 -32.32 | 54.21 -0.28 -57.86 | 44.07 0.69 -33.88 | 41.55 0.42 -35.70 | 23.61 1.18 -8.23 | 25.99 1.14 -11.44 | 62.40 0.31 -58.70 | 77.32 -0.28 -81.93 | 55.09 0.25 -51.15 | 40.63 0.50 -32.96 | 43.98 -0.21 -47.24 | 37.94 0.46 -30.53 | 30.76 0.84 -19.39 | 23.02 0.94 -10.58 |
| NORTHPORT___IC 23718 | 37.08 0.32 -33.21 | 29.36 1.37 -10.06 | 29.71 0.78 -19.41 | 48.95 0.56 -42.08 | 25.04 0.90 -12.26 | 72.29 -0.16 -75.87 | 37.81 -0.09 -39.02 | 45.52 0.21 -42.98 | 43.48 0.82 -33.24 | 40.41 0.60 -32.56 | 34.42 0.17 -32.32 | 54.16 -0.33 -57.86 | 44.17 0.78 -33.88 | 41.61 0.48 -35.70 | 23.79 1.36 -8.23 | 26.13 1.28 -11.44 | 52.59 0.36 -48.83 | 77.29 -0.32 -81.93 | 55.12 0.28 -51.15 | 40.69 0.56 -32.96 | 43.96 -0.23 -47.24 | 38.00 0.51 -30.53 | 30.87 0.95 -19.40 | 23.14 1.06 -10.58 |
| NPX_GEN_1385_PROXY 323591 | 37.01 0.24 -33.21 | 29.02 1.03 -10.06 | 29.63 0.70 -19.41 | 48.94 0.56 -42.08 | 25.00 0.86 -12.26 | 72.35 -0.09 -75.87 | 37.81 -0.08 -39.02 | 45.51 0.20 -42.98 | 43.50 0.84 -33.24 | 40.40 0.60 -32.56 | 34.41 0.16 -32.32 | 54.16 -0.34 -57.86 | 44.14 0.75 -33.88 | 41.55 0.42 -35.70 | 23.59 1.16 -8.23 | 25.80 0.94 -11.44 | 52.53 0.30 -48.83 | 77.38 -0.22 -81.93 | 55.05 0.21 -51.15 | 40.54 0.42 -32.96 | 44.03 -0.15 -47.24 | 37.82 0.34 -30.53 | 30.81 0.89 -19.40 | 23.05 0.97 -10.58 |
| NPX_GEN_CSC 323557 | 37.08 0.31 -33.21 | 29.30 1.30 -10.06 | 29.65 0.73 -19.41 | 48.91 0.52 -42.08 | 24.99 0.85 -12.26 | 72.28 -0.16 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.45 0.65 -32.56 | 34.43 0.19 -32.32 | 54.11 -0.38 -57.86 | 44.28 0.90 -33.88 | 41.62 0.49 -35.70 | 23.79 1.36 -8.23 | 26.24 1.38 -11.44 | 140.79 0.42 -136.97 | 77.24 -0.35 -81.93 | 55.16 0.32 -51.15 | 40.75 0.62 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 30.97 1.04 -19.40 | 23.32 1.24 -10.58 |
| NSINS_S_GLNS_FALLS 23858 | 50.98 0.28 -47.14 | 33.54 1.32 -14.29 | 37.81 0.74 -27.55 | 66.53 0.49 -59.73 | 30.18 0.89 -17.41 | 103.99 -0.29 -107.71 | 54.96 -0.10 -56.19 | 65.02 0.19 -62.49 | 58.60 0.84 -48.34 | 55.27 0.68 -47.34 | 49.11 0.18 -46.99 | 80.47 -0.30 -84.14 | 59.68 0.92 -49.26 | 57.81 0.47 -51.91 | 27.16 1.17 -11.80 | 30.84 1.18 -16.24 | 79.87 0.31 -76.17 | 111.58 -0.40 -116.30 | 76.65 0.35 -72.61 | 54.65 0.69 -46.79 | 63.74 -0.27 -67.06 | 50.95 0.65 -43.34 | 37.53 0.90 -26.11 | 27.41 0.90 -15.02 |
| NUCOR_STEEL___DRP 24197 | 7.77 0.06 -4.15 | 19.43 0.24 -1.26 | 12.05 0.11 -2.42 | 11.62 0.06 -5.25 | 13.59 0.18 -1.53 | 5.98 -0.07 -9.48 | 3.72 -0.02 -4.88 | 7.78 0.07 -5.38 | 13.82 0.25 -4.16 | 11.53 0.20 -4.07 | 6.02 0.05 -4.04 | 3.77 -0.10 -7.24 | 14.01 0.26 -4.24 | 10.04 0.14 -4.47 | 15.56 0.33 -1.03 | 15.17 0.32 -1.43 | 10.18 0.09 -6.70 | 5.81 -0.10 -10.23 | 10.15 0.07 -6.39 | 11.45 0.17 -4.12 | 2.78 -0.08 -5.90 | 10.93 0.16 -3.81 | 13.05 0.23 -2.30 | 13.05 0.23 -1.32 |
| NYISO_LBMP_REFERENCE 24008 | 3.56 0.00 0.00 | 17.93 0.00 0.00 | 9.52 0.00 0.00 | 6.31 0.00 0.00 | 11.88 0.00 0.00 | -3.43 0.00 0.00 | -1.13 0.00 0.00 | 2.33 0.00 0.00 | 9.42 0.00 0.00 | 7.25 0.00 0.00 | 1.93 0.00 0.00 | -3.37 0.00 0.00 | 9.51 0.00 0.00 | 5.43 0.00 0.00 | 14.20 0.00 0.00 | 13.42 0.00 0.00 | 3.40 0.00 0.00 | -4.33 0.00 0.00 | 3.69 0.00 0.00 | 7.17 0.00 0.00 | -3.05 0.00 0.00 | 6.96 0.00 0.00 | 10.52 0.00 0.00 | 11.50 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 37.12 0.36 -33.21 | 29.53 1.53 -10.06 | 29.78 0.86 -19.41 | 49.00 0.61 -42.08 | 25.14 1.00 -12.26 | 72.24 -0.20 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.58 0.92 -33.24 | 40.48 0.68 -32.56 | 34.43 0.19 -32.32 | 54.13 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.27 1.41 -11.44 | 78.72 0.40 -74.91 | 77.22 -0.38 -81.93 | 55.16 0.32 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 31.01 1.08 -19.41 | 23.28 1.21 -10.58 |
| NYPA_GOWANUS____GT5 24156 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.57 0.65 -19.40 | 48.85 0.46 -42.07 | 24.94 0.80 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.31 0.65 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.06 0.69 -33.87 | 41.56 0.44 -35.69 | 23.61 1.18 -8.23 | 25.94 1.09 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.52 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.73 0.82 -18.39 | 23.01 0.94 -10.57 |

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|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| NYPA_GOWANUS____GT6 24157 | 37.04 | 29.20 | 29.57 | 48.85 | 24.94 | 72.25 | 37.81 | 45.47 | 43.31 | 40.32 | 34.39 | 54.24 | 44.06 | 41.56 | 23.61 | 25.94 | 57.31 | 77.27 | 55.09 | 40.65 | 43.95 | 38.01 | 29.73 | 23.01 |
| | 0.28 | 1.21 | 0.65 | 0.46 | 0.80 | -0.18 | -0.07 | 0.17 | 0.65 | 0.52 | 0.15 | -0.25 | 0.69 | 0.44 | 1.18 | 1.09 | 0.27 | -0.32 | 0.26 | 0.52 | -0.23 | 0.52 | 0.82 | 0.94 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_HARLEM__RVR__GT1 24160 | 37.02 | 29.13 | 29.54 | 48.84 | 24.90 | 72.29 | 37.82 | 45.48 | 43.29 | 40.31 | 34.38 | 54.25 | 44.03 | 41.55 | 23.56 | 25.88 | 57.29 | 77.29 | 55.08 | 40.62 | 43.95 | 37.99 | 29.71 | 22.99 |
| | 0.26 | 1.13 | 0.62 | 0.46 | 0.77 | -0.14 | -0.07 | 0.18 | 0.63 | 0.50 | 0.14 | -0.24 | 0.65 | 0.43 | 1.13 | 1.02 | 0.26 | -0.29 | 0.25 | 0.49 | -0.22 | 0.51 | 0.81 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_HARLEM__RVR__GT2 24161 | 37.02 | 29.13 | 29.54 | 48.84 | 24.90 | 72.29 | 37.82 | 45.48 | 43.29 | 40.31 | 34.38 | 54.25 | 44.03 | 41.55 | 23.56 | 25.88 | 57.29 | 77.29 | 55.08 | 40.62 | 43.95 | 37.99 | 29.71 | 22.99 |
| | 0.26 | 1.13 | 0.62 | 0.46 | 0.77 | -0.14 | -0.07 | 0.18 | 0.63 | 0.50 | 0.14 | -0.24 | 0.65 | 0.43 | 1.13 | 1.02 | 0.26 | -0.29 | 0.25 | 0.49 | -0.22 | 0.51 | 0.81 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_KENT____GT 24152 | 37.04 | 29.20 | 29.58 | 48.85 | 24.94 | 72.24 | 37.81 | 45.48 | 43.31 | 40.33 | 34.39 | 54.24 | 44.07 | 41.56 | 23.61 | 25.94 | 57.31 | 77.27 | 55.09 | 40.64 | 43.95 | 38.01 | 29.73 | 23.01 |
| | 0.27 | 1.21 | 0.66 | 0.47 | 0.80 | -0.19 | -0.07 | 0.17 | 0.66 | 0.52 | 0.15 | -0.24 | 0.70 | 0.44 | 1.18 | 1.09 | 0.27 | -0.32 | 0.26 | 0.52 | -0.23 | 0.52 | 0.82 | 0.93 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_POUCH1____GT 24155 | 37.03 | 29.13 | 29.54 | 48.83 | 24.91 | 72.26 | 37.82 | 45.46 | 43.28 | 40.30 | 34.38 | 54.25 | 44.01 | 41.54 | 23.56 | 25.89 | 57.30 | 77.28 | 55.07 | 40.62 | 43.96 | 37.98 | 29.70 | 22.98 |
| | 0.26 | 1.14 | 0.62 | 0.45 | 0.77 | -0.17 | -0.07 | 0.16 | 0.62 | 0.50 | 0.14 | -0.23 | 0.63 | 0.42 | 1.13 | 1.04 | 0.26 | -0.30 | 0.24 | 0.49 | -0.22 | 0.50 | 0.79 | 0.90 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_VERNON____GT2 24162 | 37.03 | 29.21 | 29.58 | 48.85 | 24.94 | 72.24 | 37.81 | 45.48 | 43.31 | 40.33 | 34.39 | 54.24 | 44.07 | 41.56 | 23.60 | 25.93 | 57.31 | 77.28 | 55.09 | 40.64 | 43.96 | 38.00 | 29.72 | 23.00 |
| | 0.27 | 1.21 | 0.66 | 0.47 | 0.80 | -0.19 | -0.07 | 0.17 | 0.65 | 0.52 | 0.15 | -0.25 | 0.70 | 0.43 | 1.17 | 1.08 | 0.27 | -0.31 | 0.26 | 0.52 | -0.23 | 0.51 | 0.81 | 0.93 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA_VERNON____GT3 24163 | 37.03 | 29.21 | 29.58 | 48.85 | 24.94 | 72.24 | 37.81 | 45.48 | 43.31 | 40.33 | 34.39 | 54.24 | 44.07 | 41.56 | 23.60 | 25.93 | 57.31 | 77.28 | 55.09 | 40.64 | 43.96 | 38.00 | 29.72 | 23.00 |
| | 0.27 | 1.21 | 0.66 | 0.47 | 0.80 | -0.19 | -0.07 | 0.17 | 0.65 | 0.52 | 0.15 | -0.25 | 0.70 | 0.43 | 1.17 | 1.08 | 0.27 | -0.31 | 0.26 | 0.52 | -0.23 | 0.51 | 0.81 | 0.93 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA__ASTORIA_CC1 323568 | 37.03 | 29.20 | 29.57 | 48.85 | 24.94 | 72.24 | 37.81 | 45.48 | 43.30 | 40.32 | 34.39 | 54.24 | 44.06 | 41.56 | 23.59 | 25.92 | 57.30 | 77.28 | 55.08 | 40.63 | 43.96 | 37.99 | 29.71 | 22.99 |
| | 0.27 | 1.20 | 0.65 | 0.46 | 0.80 | -0.19 | -0.07 | 0.17 | 0.64 | 0.51 | 0.15 | -0.24 | 0.69 | 0.43 | 1.16 | 1.07 | 0.26 | -0.30 | 0.25 | 0.51 | -0.22 | 0.51 | 0.80 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA__ASTORIA_CC2 323569 | 37.03 | 29.20 | 29.57 | 48.85 | 24.94 | 72.24 | 37.81 | 45.48 | 43.30 | 40.32 | 34.39 | 54.24 | 44.06 | 41.56 | 23.59 | 25.92 | 57.30 | 77.28 | 55.08 | 40.63 | 43.96 | 37.99 | 29.71 | 22.99 |
| | 0.27 | 1.20 | 0.65 | 0.46 | 0.80 | -0.19 | -0.07 | 0.17 | 0.64 | 0.51 | 0.15 | -0.24 | 0.69 | 0.43 | 1.16 | 1.07 | 0.26 | -0.30 | 0.25 | 0.51 | -0.22 | 0.51 | 0.80 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA__HOLTSVILL 23794 | 37.10 | 29.45 | 29.73 | 48.97 | 25.09 | 72.26 | 37.80 | 45.54 | 43.55 | 40.46 | 34.43 | 54.12 | 44.27 | 41.64 | 23.84 | 26.23 | 143.40 | 77.24 | 55.16 | 40.77 | 43.92 | 38.07 | 30.98 | 23.28 |
| | 0.34 | 1.45 | 0.81 | 0.58 | 0.95 | -0.19 | -0.10 | 0.23 | 0.89 | 0.66 | 0.19 | -0.37 | 0.88 | 0.51 | 1.41 | 1.38 | 0.40 | -0.36 | 0.33 | 0.64 | -0.27 | 0.58 | 1.06 | 1.20 |
| | -33.21 | -10.06 | -19.41 | -42.08 | -12.26 | -75.87 | -39.02 | -42.98 | -33.24 | -32.56 | -32.32 | -57.86 | -33.88 | -35.70 | -8.23 | -11.44 | -139.60 | -81.93 | -51.15 | -32.96 | -47.24 | -30.53 | -19.40 | -10.58 |
| NYPA____HELLGATE_GT1 24158 | 37.02 | 29.13 | 29.54 | 48.84 | 24.90 | 72.29 | 37.82 | 45.47 | 43.28 | 40.30 | 34.38 | 54.25 | 44.03 | 41.55 | 23.56 | 25.88 | 57.29 | 77.29 | 55.08 | 40.62 | 43.95 | 37.99 | 29.71 | 23.00 |
| | 0.26 | 1.13 | 0.62 | 0.46 | 0.77 | -0.14 | -0.07 | 0.17 | 0.63 | 0.50 | 0.14 | -0.24 | 0.65 | 0.43 | 1.13 | 1.02 | 0.26 | -0.29 | 0.25 | 0.49 | -0.22 | 0.51 | 0.81 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYPA____HELLGATE_GT2 24159 | 37.02 | 29.13 | 29.54 | 48.84 | 24.90 | 72.29 | 37.82 | 45.47 | 43.28 | 40.30 | 34.38 | 54.25 | 44.03 | 41.55 | 23.56 | 25.88 | 57.29 | 77.29 | 55.08 | 40.62 | 43.95 | 37.99 | 29.71 | 23.00 |
| | 0.26 | 1.13 | 0.62 | 0.46 | 0.77 | -0.14 | -0.07 | 0.17 | 0.63 | 0.50 | 0.14 | -0.24 | 0.65 | 0.43 | 1.13 | 1.02 | 0.26 | -0.29 | 0.25 | 0.49 | -0.22 | 0.51 | 0.81 | 0.92 |
| | -33.20 | -10.06 | -19.40 | -42.07 | -12.26 | -75.86 | -39.02 | -42.97 | -33.24 | -32.55 | -32.31 | -57.85 | -33.87 | -35.69 | -8.23 | -11.44 | -53.64 | -81.91 | -51.14 | -32.95 | -47.23 | -30.53 | -18.39 | -10.57 |
| NYS_BARGE__HYD 23848 | 8.59 | 18.91 | 12.19 | 12.51 | 13.41 | 8.20 | 4.85 | 8.95 | 14.64 | 12.31 | 6.88 | 5.41 | 14.91 | 10.93 | 15.46 | 15.10 | 11.60 | 8.20 | 11.45 | 12.14 | 4.16 | 11.56 | 13.23 | 12.95 |
| | -0.06 | -0.57 | -0.30 | -0.24 | -0.35 | 0.01 | 0.00 | 0.03 | 0.13 | 0.07 | -0.01 | -0.09 | 0.20 | 0.02 | 0.01 | -0.07 | -0.01 | -0.02 | -0.07 | -0.08 | -0.02 | -0.07 | -0.11 | -0.17 |
| | -5.08 | -1.54 | -2.97 | -6.44 | -1.88 | -11.62 | -5.98 | -6.59 | -5.10 | -4.99 | -4.96 | -8.87 | -5.20 | -5.47 | -1.26 | -1.75 | -8.21 | -12.54 | -7.83 | -5.05 | -7.23 | -4.68 | -2.82 | -1.62 |
| OAK ORCHARD__HYD 24046 | 7.74 | 18.93 | 11.82 | 11.51 | 13.25 | 6.18 | 3.81 | 7.81 | 13.78 | 11.48 | 6.04 | 3.89 | 13.98 | 10.02 | 15.34 | 14.92 | 10.21 | 6.01 | 10.15 | 11.36 | 2.90 | 10.83 | 12.85 | 12.78 |
| | -0.02 | -0.28 | -0.15 | -0.13 | -0.18 | 0.00 | 0.00 | 0.02 | 0.14 | 0.10 | 0.01 | -0.08 | 0.17 | 0.05 | 0.10 | 0.05 | 0.02 | -0.05 | -0.01 | 0.01 | -0.04 | 0.01 | 0.00 | -0.07 |
| | -4.21 | -1.28 | -2.46 | -5.33 | -1.55 | -9.61 | -4.95 | -5.45 | -4.22 | -4.13 | -4.10 | -7.34 | -4.30 | -4.53 | -1.05 | -1.45 | -6.79 | -10.38 | -6.48 | -4.18 | -5.98 | -3.87 | -2.33 | -1.34 |
| OCC_CHEM__DRP 24175 | 8.65 | 18.57 | 12.06 | 12.56 | 13.21 | 8.60 | 5.04 | 9.11 | 14.61 | 12.28 | 6.97 | 5.77 | 14.90 | 10.96 | 15.26 | 14.89 | 11.75 | 8.65 | 11.58 | 12.12 | 4.44 | 11.53 | 13.07 | 12.81 |
| | -0.14 | -0.94 | -0.51 | -0.37 | -0.60 | 0.09 | 0.03 | 0.00 | -0.04 | -0.10 | -0.05 | 0.02 | 0.05 | -0.09 | -0.24 | -0.33 | -0.09 | 0.08 | -0.16 | -0.24 | 0.05 | -0.24 | -0.35 | -0.35 |
| | -5.23 | -1.58 | -3.05 | -6.62 | -1.93 | -11.94 | -6.15 | -6.77 | -5.24 | -5.13 | -5.09 | -9.12 | -5.34 | -5.63 | -1.30 | -1.80 | -8.44 | -12.89 | -8.05 | -5.19 | -7.43 | -4.81 | -2.89 | -1.66 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| OH_GEN_PROXY 24063 | 8.67 -0.09 -5.19 | 18.85 -0.65 -1.57 | 12.20 -0.34 -3.03 | 12.62 -0.26 -6.58 | 13.39 -0.40 -1.92 | 8.46 0.04 -11.86 | 4.98 0.01 -6.10 | 9.05 -0.01 -6.73 | 14.67 0.05 -5.20 | 12.36 0.01 -5.10 | 6.97 -0.02 -5.06 | 5.62 -0.07 -9.05 | 14.92 0.11 -5.30 | 11.01 -0.01 -5.59 | 15.40 -0.08 -1.29 | 15.06 -0.15 -1.79 | 11.75 -0.03 -8.38 | 8.49 0.01 -12.80 | 11.59 -0.09 -7.99 | 12.20 -0.12 -5.15 | 4.34 0.01 -7.38 | 11.61 -0.12 -4.77 | 13.22 -0.17 -2.87 | 12.92 -0.24 -1.65 |
| OLIN_CORP_DRP 24177 | 8.73 -0.11 -5.27 | 18.73 -0.80 -1.60 | 12.16 -0.43 -3.08 | 12.67 -0.32 -6.68 | 13.32 -0.50 -1.95 | 8.67 0.06 -12.04 | 5.08 0.02 -6.20 | 9.16 0.00 -6.83 | 14.70 0.00 -5.29 | 12.39 -0.04 -5.18 | 7.03 -0.04 -5.14 | 5.79 -0.04 -9.20 | 14.98 0.08 -5.38 | 11.05 -0.05 -5.67 | 15.31 -0.19 -1.31 | 14.97 -0.27 -1.82 | 11.85 -0.06 -8.52 | 8.72 0.04 -13.00 | 11.68 -0.13 -8.12 | 12.22 -0.18 -5.23 | 4.48 0.03 -7.50 | 11.63 -0.17 -4.84 | 13.18 -0.26 -2.92 | 12.85 -0.33 -1.68 |
| OLIN_CORP_DSASP 323712 | 8.65 -0.14 -5.23 | 18.57 -0.94 -1.58 | 12.06 -0.51 -3.05 | 12.56 -0.37 -6.62 | 13.21 -0.60 -1.93 | 8.60 0.09 -11.94 | 5.04 0.03 -6.15 | 9.11 0.00 -6.77 | 14.61 -0.04 -5.24 | 12.28 -0.10 -5.13 | 6.97 -0.05 -5.09 | 5.77 0.02 -9.12 | 14.90 0.05 -5.34 | 10.96 -0.09 -5.63 | 15.26 -0.24 -1.30 | 14.89 -0.33 -1.80 | 11.75 -0.09 -8.44 | 8.65 0.08 -12.89 | 11.58 -0.16 -8.05 | 12.12 -0.24 -5.19 | 4.44 0.05 -7.43 | 11.53 -0.24 -4.81 | 13.07 -0.35 -2.89 | 12.81 -0.35 -1.66 |
| ONEIDA_HERK_LFGE 323681 | 3.63 0.07 0.00 | 18.23 0.29 0.00 | 9.66 0.14 0.00 | 6.40 0.09 0.00 | 12.07 0.19 0.00 | -3.50 -0.07 0.00 | -1.16 -0.02 0.00 | 2.39 0.06 0.00 | 9.64 0.23 0.00 | 7.42 0.17 0.00 | 1.97 0.04 0.00 | -3.45 -0.08 0.00 | 9.73 0.22 0.00 | 5.55 0.12 0.00 | 14.50 0.31 0.00 | 13.71 0.30 0.00 | 3.47 0.07 0.00 | -4.44 -0.11 0.00 | 3.77 0.08 0.00 | 7.35 0.18 0.00 | -3.13 -0.08 0.00 | 7.13 0.17 0.00 | 10.75 0.23 0.00 | 11.70 0.20 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 7.33 0.03 -3.74 | 19.16 0.09 -1.13 | 11.74 0.03 -2.19 | 11.06 0.01 -4.74 | 13.32 0.06 -1.38 | 5.10 -0.02 -8.55 | 3.26 -0.01 -4.40 | 7.23 0.04 -4.86 | 13.33 0.16 -3.76 | 11.05 0.12 -3.68 | 5.61 0.03 -3.65 | 3.11 -0.06 -6.54 | 13.49 0.15 -3.83 | 9.54 0.07 -4.03 | 15.31 0.19 -0.93 | 14.88 0.17 -1.29 | 9.49 0.04 -6.05 | 4.85 -0.06 -9.23 | 9.49 0.04 -5.77 | 10.97 0.09 -3.72 | 2.24 -0.04 -5.33 | 10.49 0.09 -3.44 | 12.71 0.11 -2.07 | 12.79 0.10 -1.19 |
| ONONDAGA___COGEN 23986 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| ONTARIO___LFGE 23819 | 8.56 0.09 -4.91 | 19.78 0.37 -1.49 | 12.56 0.17 -2.87 | 12.61 0.08 -6.22 | 13.95 0.26 -1.81 | 7.69 -0.09 -11.22 | 4.60 -0.04 -5.77 | 8.78 0.08 -6.36 | 14.76 0.42 -4.92 | 12.40 0.33 -4.82 | 6.80 0.08 -4.79 | 5.03 -0.17 -8.57 | 14.94 0.41 -5.02 | 10.93 0.22 -5.28 | 15.95 0.53 -1.22 | 15.59 0.48 -1.69 | 11.45 0.13 -7.93 | 7.61 -0.17 -12.11 | 11.36 0.11 -7.56 | 12.30 0.25 -4.87 | 3.83 -0.11 -6.98 | 11.72 0.24 -4.51 | 13.57 0.34 -2.72 | 13.39 0.33 -1.56 |
| ORANGEVILLE_WT_PWR 323706 | 9.82 0.05 -6.21 | 19.89 0.07 -1.88 | 13.17 0.02 -3.63 | 14.16 -0.02 -7.87 | 14.26 0.09 -2.29 | 10.67 -0.08 -14.19 | 6.14 -0.03 -7.30 | 10.45 0.07 -8.05 | 16.04 0.40 -6.22 | 13.64 0.29 -6.10 | 8.04 0.06 -6.05 | 7.29 -0.17 -10.83 | 16.31 0.46 -6.34 | 12.31 0.19 -6.68 | 16.17 0.44 -1.54 | 15.90 0.34 -2.14 | 13.52 0.09 -10.03 | 10.86 -0.13 -15.32 | 13.30 0.05 -9.56 | 13.49 0.15 -6.16 | 5.69 -0.10 -8.83 | 12.81 0.14 -5.71 | 14.16 0.20 -3.44 | 13.64 0.16 -1.98 |
| OSWEGATCHIE___HYD 24044 | 3.51 -0.05 0.00 | 17.73 -0.20 0.00 | 9.41 -0.11 0.00 | 6.25 -0.06 0.00 | 11.76 -0.12 0.00 | -3.40 0.03 0.00 | -1.12 0.01 0.00 | 2.30 -0.03 0.00 | 9.26 -0.15 0.00 | 7.13 -0.13 0.00 | 1.89 -0.04 0.00 | -3.29 0.08 0.00 | 9.39 -0.12 0.00 | 5.33 -0.10 0.00 | 14.01 -0.18 0.00 | 13.24 -0.17 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.63 -0.06 0.00 | 7.07 -0.10 0.00 | -3.02 0.03 0.00 | 6.89 -0.07 0.00 | 10.40 -0.12 0.00 | 11.32 -0.17 0.00 |
| OSWEGO___5 23606 | 6.06 -0.05 -2.55 | 18.43 -0.28 -0.77 | 10.85 -0.15 -1.49 | 9.43 -0.11 -3.23 | 12.63 -0.18 -0.94 | 2.44 0.05 -5.83 | 1.88 0.01 -3.00 | 5.62 -0.02 -3.31 | 11.91 -0.07 -2.56 | 9.71 -0.05 -2.50 | 4.40 -0.02 -2.49 | 1.10 0.01 -4.45 | 12.05 -0.06 -2.61 | 8.13 -0.05 -2.75 | 14.70 -0.13 -0.63 | 14.17 -0.13 -0.88 | 7.48 -0.03 -4.12 | 2.00 0.04 -6.29 | 7.57 -0.04 -3.93 | 9.63 -0.07 -2.53 | 0.61 0.03 -3.63 | 9.23 -0.07 -2.35 | 11.82 -0.12 -1.41 | 12.17 -0.14 -0.81 |
| OSWEGO___6 23613 | 6.06 -0.05 -2.55 | 18.43 -0.28 -0.77 | 10.85 -0.15 -1.49 | 9.43 -0.11 -3.23 | 12.63 -0.18 -0.94 | 2.44 0.05 -5.83 | 1.88 0.01 -3.00 | 5.62 -0.02 -3.31 | 11.91 -0.07 -2.56 | 9.71 -0.05 -2.50 | 4.40 -0.02 -2.49 | 1.10 0.01 -4.45 | 12.05 -0.06 -2.61 | 8.13 -0.05 -2.75 | 14.70 -0.13 -0.63 | 14.17 -0.13 -0.88 | 7.48 -0.03 -4.12 | 2.00 0.04 -6.29 | 7.57 -0.04 -3.93 | 9.63 -0.07 -2.53 | 0.61 0.03 -3.63 | 9.23 -0.07 -2.35 | 11.82 -0.12 -1.41 | 12.17 -0.14 -0.81 |
| OUTOKUMPU-AB___DRP 24206 | 8.84 -0.02 -5.31 | 19.15 -0.39 -1.61 | 12.40 -0.21 -3.10 | 12.85 -0.18 -6.73 | 13.60 -0.23 -1.96 | 8.67 -0.02 -12.13 | 5.10 -0.01 -6.24 | 9.27 0.05 -6.88 | 14.97 0.23 -5.32 | 12.60 0.13 -5.21 | 7.11 0.01 -5.17 | 5.78 -0.11 -9.26 | 15.24 0.31 -5.42 | 11.22 0.08 -5.71 | 15.69 0.17 -1.32 | 15.32 0.07 -1.83 | 11.99 0.02 -8.58 | 8.71 -0.06 -13.09 | 11.83 -0.04 -8.17 | 12.43 -0.02 -5.27 | 4.46 -0.04 -7.55 | 11.82 -0.01 -4.88 | 13.44 -0.02 -2.94 | 13.15 -0.05 -1.69 |
| OXBOW___ 24026 | 8.76 -0.07 -5.27 | 18.88 -0.64 -1.60 | 12.25 -0.35 -3.08 | 12.72 -0.27 -6.67 | 13.42 -0.40 -1.95 | 8.63 0.03 -12.03 | 5.07 0.01 -6.19 | 9.19 0.03 -6.83 | 14.80 0.11 -5.28 | 12.45 0.03 -5.17 | 7.04 -0.02 -5.14 | 5.77 -0.05 -9.19 | 15.09 0.20 -5.38 | 11.10 0.00 -5.67 | 15.49 -0.01 -1.31 | 15.13 -0.10 -1.82 | 11.88 -0.03 -8.51 | 8.67 0.01 -13.00 | 11.71 -0.09 -8.11 | 12.28 -0.11 -5.23 | 4.44 0.00 -7.49 | 11.69 -0.11 -4.84 | 13.27 -0.16 -2.92 | 13.00 -0.18 -1.68 |
| OXY_CHEM_DSASP 323612 | 8.65 -0.14 -5.23 | 18.57 -0.94 -1.58 | 12.06 -0.51 -3.05 | 12.56 -0.37 -6.62 | 13.21 -0.60 -1.93 | 8.60 0.09 -11.94 | 5.04 0.03 -6.15 | 9.11 0.00 -6.77 | 14.61 -0.04 -5.24 | 12.28 -0.10 -5.13 | 6.97 -0.05 -5.09 | 5.77 0.02 -9.12 | 14.90 0.05 -5.34 | 10.96 -0.09 -5.63 | 15.26 -0.24 -1.30 | 14.89 -0.33 -1.80 | 11.75 -0.09 -8.44 | 8.65 0.08 -12.89 | 11.58 -0.16 -8.05 | 12.12 -0.24 -5.19 | 4.44 0.05 -7.43 | 11.53 -0.24 -4.81 | 13.07 -0.35 -2.89 | 12.81 -0.35 -1.66 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 8.65 -0.14 -5.23 | 18.57 -0.94 -1.58 | 12.06 -0.51 -3.05 | 12.56 -0.37 -6.62 | 13.21 -0.60 -1.93 | 8.60 0.09 -11.94 | 5.04 0.03 -6.15 | 9.11 0.00 -6.77 | 14.61 -0.04 -5.24 | 12.28 -0.10 -5.13 | 6.97 -0.05 -5.09 | 5.77 0.02 -9.12 | 14.90 0.05 -5.34 | 10.96 -0.09 -5.63 | 15.26 -0.24 -1.30 | 14.89 -0.33 -1.80 | 11.75 -0.09 -8.44 | 8.65 0.08 -12.89 | 11.58 -0.16 -8.05 | 12.12 -0.24 -5.19 | 4.44 0.05 -7.43 | 11.53 -0.24 -4.81 | 13.07 -0.35 -2.89 | 12.81 -0.35 -1.66 |

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| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.56 0.64 -19.40 | 48.84 0.46 -42.07 | 24.91 0.78 -12.26 | 72.27 -0.16 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.18 -42.97 | 43.30 0.64 -33.24 | 40.31 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.05 0.67 -33.87 | 41.55 0.42 -35.69 | 23.54 1.12 -8.23 | 25.87 1.01 -11.44 | 57.29 0.25 -53.64 | 77.30 -0.29 -81.91 | 55.08 0.25 -51.14 | 40.62 0.49 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.69 0.78 -18.39 | 22.97 0.89 -10.57 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 37.06 0.30 -33.20 | 29.35 1.36 -10.06 | 29.67 0.75 -19.40 | 48.91 0.53 -42.07 | 25.06 0.92 -12.26 | 72.23 -0.20 -75.86 | 37.80 -0.08 -39.02 | 45.51 0.21 -42.97 | 43.40 0.74 -33.24 | 40.38 0.58 -32.55 | 34.41 0.17 -32.31 | 54.21 -0.28 -57.85 | 44.15 0.77 -33.87 | 41.59 0.47 -35.69 | 23.68 1.25 -8.23 | 25.97 1.12 -11.44 | 57.32 0.28 -53.64 | 77.26 -0.32 -81.91 | 55.10 0.28 -51.14 | 40.68 0.55 -32.95 | 43.93 -0.25 -47.23 | 38.03 0.55 -30.53 | 29.77 0.86 -18.39 | 23.07 0.99 -10.57 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 9.46 0.12 -5.78 | 20.00 0.32 -1.75 | 13.05 0.16 -3.38 | 13.69 0.06 -7.32 | 14.26 0.24 -2.14 | 9.63 -0.14 -13.20 | 5.62 -0.05 -6.80 | 9.90 0.07 -7.49 | 15.70 0.49 -5.79 | 13.32 0.39 -5.67 | 7.64 0.08 -5.63 | 6.48 -0.24 -10.08 | 16.00 0.59 -5.90 | 11.92 0.27 -6.22 | 16.27 0.64 -1.43 | 15.96 0.55 -1.99 | 12.88 0.15 -9.34 | 9.72 -0.21 -14.26 | 12.68 0.09 -8.90 | 13.14 0.24 -5.74 | 5.03 -0.14 -8.22 | 12.51 0.24 -5.31 | 14.09 0.37 -3.20 | 13.71 0.37 -1.84 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 37.88 0.28 -34.04 | 29.50 1.25 -10.32 | 30.08 0.67 -19.90 | 49.90 0.46 -43.14 | 25.26 0.82 -12.57 | 74.13 -0.21 -77.78 | 38.81 -0.08 -40.02 | 46.60 0.19 -44.08 | 44.24 0.72 -34.10 | 41.21 0.57 -33.39 | 35.24 0.16 -33.15 | 55.71 -0.27 -59.35 | 45.01 0.75 -34.75 | 42.49 0.44 -36.62 | 23.82 1.18 -8.45 | 26.26 1.12 -11.73 | 58.68 0.28 -55.00 | 79.31 -0.35 -83.99 | 56.41 0.29 -52.43 | 41.54 0.58 -33.79 | 45.12 -0.25 -48.42 | 38.82 0.56 -31.30 | 30.23 0.85 -18.85 | 23.28 0.93 -10.84 |
| PEEKSKILL____ 23653 | 36.66 0.24 -32.86 | 28.94 1.04 -9.96 | 29.29 0.56 -19.21 | 48.35 0.40 -41.65 | 24.70 0.68 -12.14 | 71.49 -0.17 -75.10 | 37.42 -0.07 -38.63 | 45.02 0.15 -42.53 | 42.91 0.59 -32.90 | 39.95 0.48 -32.22 | 34.05 0.13 -31.99 | 53.67 -0.23 -57.27 | 43.67 0.63 -33.53 | 41.14 0.38 -35.33 | 23.36 1.02 -8.15 | 25.69 0.95 -11.32 | 56.74 0.24 -53.10 | 76.47 -0.29 -81.09 | 54.55 0.24 -50.62 | 40.28 0.48 -32.62 | 43.49 -0.21 -46.75 | 37.65 0.47 -30.22 | 29.45 0.73 -18.20 | 22.78 0.81 -10.47 |
| PGE MADISON____WINDPWR 24146 | 13.65 0.30 -9.79 | 22.30 1.40 -2.97 | 15.95 0.71 -5.72 | 19.14 0.43 -12.40 | 16.39 0.90 -3.61 | 18.65 -0.28 -22.36 | 10.29 -0.10 -11.53 | 15.29 0.24 -12.71 | 20.23 0.98 -9.83 | 17.65 0.76 -9.63 | 11.68 0.20 -9.56 | 13.40 -0.35 -17.11 | 20.49 0.97 -10.02 | 16.50 0.51 -10.56 | 17.98 1.35 -2.43 | 18.07 1.28 -3.37 | 19.53 0.32 -15.81 | 19.40 -0.42 -24.14 | 19.09 0.32 -15.07 | 17.56 0.68 -9.71 | 10.58 -0.30 -13.92 | 16.62 0.67 -9.00 | 16.88 0.94 -5.42 | 15.61 0.99 -3.12 |
| PIERCEFIELD____HYD 23852 | 3.41 -0.15 0.00 | 17.37 -0.56 0.00 | 9.22 -0.29 0.00 | 6.13 -0.17 0.00 | 11.51 -0.36 0.00 | -3.33 0.11 0.00 | -1.09 0.04 0.00 | 2.22 -0.11 0.00 | 8.95 -0.47 0.00 | 6.88 -0.37 0.00 | 1.81 -0.12 0.00 | -3.16 0.21 0.00 | 9.07 -0.44 0.00 | 5.15 -0.28 0.00 | 13.59 -0.61 0.00 | 12.84 -0.58 0.00 | 3.22 -0.18 0.00 | -4.10 0.23 0.00 | 3.52 -0.17 0.00 | 6.83 -0.34 0.00 | -2.93 0.12 0.00 | 6.69 -0.26 0.00 | 10.11 -0.41 0.00 | 11.06 -0.44 0.00 |
| PINELAWN_CC_1 323563 | 37.10 0.33 -33.21 | 29.45 1.45 -10.06 | 29.72 0.80 -19.41 | 48.96 0.57 -42.08 | 25.07 0.93 -12.26 | 72.26 -0.18 -75.87 | 37.80 -0.09 -39.02 | 45.53 0.22 -42.98 | 43.51 0.85 -33.24 | 40.44 0.63 -32.56 | 34.42 0.18 -32.32 | 54.15 -0.34 -57.86 | 44.20 0.82 -33.88 | 41.63 0.50 -35.70 | 23.71 1.29 -8.23 | 26.05 1.19 -11.44 | 63.78 0.34 -60.05 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.64 0.51 -32.96 | 43.97 -0.22 -47.24 | 37.98 0.49 -30.53 | 30.87 0.90 -19.44 | 23.10 1.02 -10.58 |
| PJM_GEN_HTP_PROXY 323702 | 37.02 0.27 -33.20 | 29.17 1.18 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.01 | 45.47 0.17 -42.97 | 43.29 0.64 -33.24 | 40.31 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.06 0.68 -33.87 | 41.55 0.43 -35.69 | 23.57 1.15 -8.23 | 25.91 1.06 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.13 | 40.63 0.51 -32.95 | 43.95 -0.22 -47.23 | 37.98 0.50 -30.52 | 29.70 0.79 -18.39 | 22.98 0.91 -10.57 |
| PJM_GEN_KEystone 24065 | 24.25 0.16 -20.53 | 24.80 0.64 -6.22 | 21.84 0.33 -12.00 | 32.53 0.21 -26.01 | 19.89 0.43 -7.58 | 43.35 -0.13 -46.91 | 22.94 -0.05 -24.13 | 29.00 0.09 -26.57 | 30.43 0.46 -20.55 | 27.75 0.37 -20.13 | 22.00 0.10 -19.98 | 32.22 -0.19 -35.77 | 30.96 0.51 -20.94 | 27.79 0.28 -22.07 | 20.01 0.72 -5.09 | 21.15 0.66 -7.07 | 36.73 0.17 -33.16 | 46.10 -0.21 -50.64 | 35.45 0.14 -31.62 | 27.86 0.31 -20.37 | 26.01 -0.14 -29.20 | 26.14 0.31 -18.87 | 22.38 0.49 -11.37 | 18.58 0.54 -6.54 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 37.06 0.30 -33.21 | 29.27 1.28 -10.06 | 29.62 0.70 -19.41 | 48.89 0.50 -42.08 | 24.93 0.79 -12.26 | 72.29 -0.15 -75.88 | 37.82 -0.08 -39.02 | 45.50 0.19 -42.98 | 43.39 0.73 -33.24 | 40.35 0.55 -32.56 | 34.40 0.16 -32.32 | 54.20 -0.30 -57.86 | 44.10 0.71 -33.88 | 41.58 0.45 -35.70 | 23.66 1.24 -8.23 | 26.03 1.17 -11.44 | 57.37 0.32 -53.65 | 77.30 -0.30 -81.93 | 55.10 0.27 -51.15 | 40.67 0.54 -32.96 | 43.96 -0.23 -47.24 | 37.99 0.50 -30.53 | 30.76 0.87 -19.37 | 23.04 0.97 -10.58 |
| PJM_GEN_VFT_PROXY 323633 | 37.01 0.25 -33.20 | 29.07 1.08 -10.06 | 29.51 0.59 -19.40 | 48.81 0.43 -42.07 | 24.87 0.73 -12.26 | 72.27 -0.16 -75.87 | 37.82 -0.07 -39.02 | 45.46 0.16 -42.97 | 43.24 0.59 -33.24 | 40.28 0.47 -32.55 | 34.38 0.14 -32.31 | 54.26 -0.22 -57.85 | 44.00 0.62 -33.87 | 41.52 0.39 -35.69 | 23.49 1.06 -8.23 | 25.83 0.97 -11.44 | 57.28 0.24 -53.64 | 77.31 -0.28 -81.91 | 55.06 0.23 -51.14 | 40.59 0.46 -32.95 | 43.98 -0.20 -47.23 | 37.95 0.46 -30.52 | 29.64 0.74 -18.39 | 22.93 0.85 -10.57 |
| PLEASANTVLY____LBMP 24000 | 38.29 0.22 -34.51 | 29.39 1.00 -10.46 | 30.22 0.54 -20.17 | 50.41 0.37 -43.73 | 25.28 0.66 -12.75 | 75.25 -0.17 -78.86 | 39.36 -0.06 -40.56 | 47.15 0.15 -44.67 | 44.54 0.57 -34.55 | 41.54 0.46 -33.83 | 35.64 0.13 -33.59 | 56.55 -0.21 -60.13 | 45.32 0.60 -35.21 | 42.89 0.36 -37.10 | 23.71 0.95 -8.56 | 26.20 0.89 -11.89 | 59.38 0.23 -55.76 | 80.54 -0.28 -85.14 | 57.08 0.23 -53.15 | 41.89 0.46 -34.25 | 45.85 -0.20 -49.09 | 39.13 0.44 -31.73 | 30.32 0.68 -19.11 | 23.25 0.75 -10.99 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 37.26 0.25 -33.44 | 29.19 1.12 -10.14 | 29.67 0.61 -19.55 | 49.11 0.42 -42.38 | 24.97 0.74 -12.35 | 72.80 -0.18 -76.42 | 38.10 -0.07 -39.30 | 45.78 0.17 -43.28 | 43.53 0.63 -33.48 | 40.55 0.51 -32.79 | 34.62 0.14 -32.55 | 54.66 -0.24 -58.27 | 44.29 0.66 -34.12 | 41.79 0.40 -35.95 | 23.57 1.08 -8.29 | 25.95 1.01 -11.52 | 57.69 0.25 -54.04 | 77.88 -0.30 -82.51 | 55.46 0.25 -51.51 | 40.87 0.51 -33.19 | 44.31 -0.22 -47.58 | 38.21 0.50 -30.75 | 29.81 0.77 -18.52 | 23.01 0.85 -10.65 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 39.08 0.25 -35.26 | 29.77 1.15 -10.69 | 30.74 0.61 -20.61 | 51.42 0.42 -44.69 | 25.65 0.75 -13.03 | 76.95 -0.20 -80.58 | 40.27 -0.07 -41.48 | 48.22 0.17 -45.71 | 45.44 0.66 -35.36 | 42.40 0.52 -34.63 | 36.45 0.15 -34.37 | 57.93 -0.25 -61.54 | 46.23 0.69 -36.03 | 43.81 0.41 -37.97 | 24.03 1.08 -8.75 | 26.59 1.02 -12.15 | 60.63 0.26 -56.98 | 82.36 -0.32 -87.01 | 58.28 0.27 -54.32 | 42.71 0.54 -35.00 | 46.89 -0.23 -50.17 | 39.90 0.52 -32.42 | 30.83 0.78 -19.53 | 23.58 0.85 -11.23 |

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| POLETTI____ 23519 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.47 0.17 -42.97 | 43.28 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.25 -0.24 -57.85 | 44.03 0.66 -33.87 | 41.54 0.41 -35.69 | 23.54 1.11 -8.23 | 25.88 1.02 -11.44 | 57.29 0.25 -53.64 | 77.29 -0.29 -81.91 | 55.07 0.24 -51.14 | 40.61 0.48 -32.95 | 43.97 -0.21 -47.23 | 37.97 0.48 -30.52 | 29.68 0.77 -18.39 | 22.96 0.88 -10.57 |
| PORT_JEFF_3 23555 | 37.11 0.35 -33.21 | 29.48 1.48 -10.06 | 29.75 0.82 -19.41 | 48.97 0.59 -42.08 | 25.10 0.96 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.48 0.67 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.65 0.52 -35.70 | 23.86 1.44 -8.23 | 26.26 1.40 -11.44 | 139.81 0.41 -136.01 | 77.23 -0.37 -81.93 | 55.17 0.34 -51.15 | 40.78 0.65 -32.96 | 43.92 -0.27 -47.24 | 38.09 0.60 -30.53 | 31.00 1.08 -19.40 | 23.30 1.22 -10.58 |
| PORT_JEFF_4 23616 | 37.11 0.35 -33.21 | 29.48 1.48 -10.06 | 29.75 0.82 -19.41 | 48.97 0.59 -42.08 | 25.10 0.96 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.48 0.67 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.65 0.52 -35.70 | 23.86 1.44 -8.23 | 26.26 1.40 -11.44 | 139.81 0.41 -136.01 | 77.23 -0.37 -81.93 | 55.17 0.34 -51.15 | 40.78 0.65 -32.96 | 43.92 -0.27 -47.24 | 38.09 0.60 -30.53 | 31.00 1.08 -19.40 | 23.30 1.22 -10.58 |
| PORT_JEFF_IC 23713 | 37.11 0.34 -33.21 | 29.46 1.46 -10.06 | 29.74 0.82 -19.41 | 48.97 0.58 -42.08 | 25.09 0.95 -12.26 | 72.25 -0.19 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.57 0.91 -33.24 | 40.47 0.67 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.65 0.52 -35.70 | 23.85 1.43 -8.23 | 26.26 1.40 -11.44 | 128.93 0.41 -125.13 | 77.22 -0.38 -81.93 | 55.17 0.34 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.26 -47.24 | 38.09 0.60 -30.53 | 31.01 1.08 -19.40 | 23.30 1.22 -10.58 |
| PPL PILGRIM_ST_GT1 24216 | 37.12 0.36 -33.21 | 29.53 1.53 -10.06 | 29.78 0.86 -19.41 | 49.00 0.61 -42.08 | 25.14 1.00 -12.26 | 72.24 -0.20 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.58 0.92 -33.24 | 40.48 0.68 -32.56 | 34.43 0.19 -32.32 | 54.13 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.27 1.41 -11.44 | 78.72 0.40 -74.91 | 77.22 -0.38 -81.93 | 55.16 0.32 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 31.01 1.08 -19.41 | 23.28 1.21 -10.58 |
| PPL PILGRIM_ST_GT2 24217 | 37.12 0.36 -33.21 | 29.53 1.53 -10.06 | 29.78 0.86 -19.41 | 49.00 0.61 -42.08 | 25.14 1.00 -12.26 | 72.24 -0.20 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.58 0.92 -33.24 | 40.48 0.68 -32.56 | 34.43 0.19 -32.32 | 54.13 -0.37 -57.86 | 44.28 0.90 -33.88 | 41.66 0.53 -35.70 | 23.90 1.47 -8.23 | 26.27 1.41 -11.44 | 78.72 0.40 -74.91 | 77.22 -0.38 -81.93 | 55.16 0.32 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.07 0.58 -30.53 | 31.01 1.08 -19.41 | 23.28 1.21 -10.58 |
| PPL_SHRM_GT3 24213 | 37.09 0.32 -33.21 | 29.33 1.33 -10.06 | 29.67 0.75 -19.41 | 48.92 0.54 -42.08 | 25.01 0.87 -12.26 | 72.28 -0.16 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.56 0.90 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.10 -0.39 -57.86 | 44.29 0.91 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.24 1.38 -11.44 | 137.16 0.42 -133.34 | 77.24 -0.37 -81.93 | 55.16 0.33 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.27 -47.24 | 38.05 0.56 -30.53 | 30.98 1.06 -19.40 | 23.33 1.25 -10.58 |
| PPL_SHRM_GT4 24214 | 37.09 0.32 -33.21 | 29.33 1.33 -10.06 | 29.67 0.75 -19.41 | 48.92 0.54 -42.08 | 25.01 0.87 -12.26 | 72.28 -0.16 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.56 0.90 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.10 -0.39 -57.86 | 44.29 0.91 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.24 1.38 -11.44 | 137.16 0.42 -133.34 | 77.24 -0.37 -81.93 | 55.16 0.33 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.27 -47.24 | 38.05 0.56 -30.53 | 30.98 1.06 -19.40 | 23.33 1.25 -10.58 |
| PROJECT___ORANGE 1 24174 | 6.62 0.00 -3.05 | 18.82 -0.04 -0.93 | 11.27 -0.03 -1.78 | 10.15 -0.03 -3.87 | 12.98 -0.03 -1.13 | 3.54 0.00 -6.97 | 2.46 0.00 -3.59 | 6.32 0.02 -3.96 | 12.57 0.09 -3.07 | 10.32 0.06 -3.00 | 4.92 0.02 -2.98 | 1.93 -0.04 -5.34 | 12.72 0.09 -3.12 | 8.76 0.04 -3.29 | 15.04 0.09 -0.76 | 14.55 0.08 -1.05 | 8.35 0.02 -4.93 | 3.17 -0.03 -7.53 | 8.40 0.01 -4.70 | 10.24 0.04 -3.03 | 1.27 -0.02 -4.34 | 9.80 0.04 -2.81 | 12.25 0.04 -1.69 | 12.49 0.02 -0.97 |
| PROJECT___ORANGE 2 24166 | 6.62 0.00 -3.05 | 18.82 -0.04 -0.93 | 11.27 -0.03 -1.78 | 10.15 -0.03 -3.87 | 12.98 -0.03 -1.13 | 3.54 0.00 -6.97 | 2.46 0.00 -3.59 | 6.32 0.02 -3.96 | 12.57 0.09 -3.07 | 10.32 0.06 -3.00 | 4.92 0.02 -2.98 | 1.93 -0.04 -5.34 | 12.72 0.09 -3.12 | 8.76 0.04 -3.29 | 15.04 0.09 -0.76 | 14.55 0.08 -1.05 | 8.35 0.02 -4.93 | 3.17 -0.03 -7.53 | 8.40 0.01 -4.70 | 10.24 0.04 -3.03 | 1.27 -0.02 -4.34 | 9.80 0.04 -2.81 | 12.25 0.04 -1.69 | 12.49 0.02 -0.97 |
| PYRITES___HYD 24023 | 3.45 -0.11 0.00 | 17.57 -0.36 0.00 | 9.33 -0.19 0.00 | 6.20 -0.11 0.00 | 11.65 -0.23 0.00 | -3.36 0.07 0.00 | -1.11 0.03 0.00 | 2.25 -0.08 0.00 | 9.08 -0.34 0.00 | 6.99 -0.27 0.00 | 1.84 -0.09 0.00 | -3.20 0.17 0.00 | 9.18 -0.33 0.00 | 5.22 -0.22 0.00 | 13.73 -0.47 0.00 | 12.98 -0.44 0.00 | 3.26 -0.14 0.00 | -4.16 0.17 0.00 | 3.57 -0.12 0.00 | 6.93 -0.24 0.00 | -2.96 0.09 0.00 | 6.77 -0.19 0.00 | 10.22 -0.30 0.00 | 11.20 -0.31 0.00 |
| RAMAPO___LBMP 323565 | 35.75 0.23 -31.96 | 28.61 0.99 -9.69 | 28.73 0.53 -18.68 | 47.19 0.38 -40.51 | 24.33 0.65 -11.81 | 69.44 -0.16 -73.04 | 36.37 -0.06 -37.57 | 43.85 0.15 -41.37 | 41.99 0.57 -32.00 | 39.05 0.46 -31.34 | 33.17 0.13 -31.11 | 52.11 -0.22 -55.70 | 42.72 0.60 -32.61 | 40.16 0.36 -34.36 | 23.09 0.97 -7.93 | 25.34 0.90 -11.01 | 55.27 0.23 -51.65 | 74.26 -0.28 -78.87 | 53.16 0.23 -49.23 | 39.37 0.47 -31.73 | 42.22 -0.21 -45.47 | 36.80 0.45 -29.39 | 28.92 0.69 -17.70 | 22.45 0.77 -10.18 |
| RANKINE____ 23646 | 9.23 0.04 -5.63 | 19.59 -0.05 -1.71 | 12.78 -0.03 -3.29 | 13.39 -0.06 -7.14 | 13.96 0.00 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.36 -5.65 | 13.05 0.27 -5.53 | 7.46 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.70 0.44 -5.75 | 11.67 0.18 -6.06 | 15.99 0.39 -1.40 | 15.66 0.30 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.25 0.11 -5.17 | 13.82 0.18 -3.12 | 13.43 0.14 -1.79 |
| RAVENSWOOD_GT2_1 24244 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT2_2 24245 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |

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| RAVENSWOOD_GT2_3 24246 | 37.03 0.27 -33.20 | 29.17 1.17 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.14 | 40.64 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.98 0.90 -10.57 |
| RAVENSWOOD_GT2_4 24247 | 37.03 0.27 -33.20 | 29.17 1.17 -10.06 | 29.56 0.64 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.31 -81.91 | 55.08 0.25 -51.14 | 40.64 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.98 0.90 -10.57 |
| RAVENSWOOD_GT3_1 24248 | 37.02 0.26 -33.20 | 29.16 1.17 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.25 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT3_2 24249 | 37.02 0.26 -33.20 | 29.16 1.17 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.25 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT3_3 24250 | 37.03 0.27 -33.20 | 29.19 1.19 -10.06 | 29.57 0.65 -19.40 | 48.84 0.46 -42.07 | 24.93 0.79 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.65 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.52 -30.53 | 29.72 0.81 -18.39 | 22.99 0.92 -10.57 |
| RAVENSWOOD_GT3_4 24251 | 37.03 0.27 -33.20 | 29.19 1.19 -10.06 | 29.57 0.65 -19.40 | 48.84 0.46 -42.07 | 24.93 0.79 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.59 1.16 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.65 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.52 -30.53 | 29.72 0.81 -18.39 | 22.99 0.92 -10.57 |
| RAVENSWOOD_GT_1 23729 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| RAVENSWOOD_GT_10 24258 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT_11 24259 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT_4 24252 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.82 0.44 -42.07 | 24.90 0.76 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.90 1.04 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.89 -10.57 |
| RAVENSWOOD_GT_5 24254 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.82 0.44 -42.07 | 24.90 0.76 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.90 1.04 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.89 -10.57 |
| RAVENSWOOD_GT_6 24253 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.82 0.44 -42.07 | 24.90 0.76 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.90 1.04 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.89 -10.57 |
| RAVENSWOOD_GT_7 24255 | 37.02 0.26 -33.20 | 29.15 1.16 -10.06 | 29.55 0.63 -19.40 | 48.82 0.44 -42.07 | 24.90 0.76 -12.26 | 72.25 -0.18 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.63 -33.24 | 40.31 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.67 -33.87 | 41.54 0.42 -35.69 | 23.55 1.12 -8.23 | 25.90 1.04 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.50 -32.95 | 43.96 -0.22 -47.23 | 37.98 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.89 -10.57 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |
| RAVENSWOOD_GT_9 24257 | 37.02 0.26 -33.20 | 29.16 1.16 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.14 -32.31 | 54.24 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.97 0.90 -10.57 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___1 23533 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| RAVENSWOOD___2 23534 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| RAVENSWOOD___3 23535 | 37.02 0.26 -33.20 | 29.16 1.17 -10.06 | 29.55 0.63 -19.40 | 48.83 0.45 -42.07 | 24.91 0.77 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.29 0.64 -33.24 | 40.32 0.51 -32.55 | 34.38 0.15 -32.31 | 54.25 -0.24 -57.85 | 44.05 0.68 -33.87 | 41.55 0.42 -35.69 | 23.56 1.13 -8.23 | 25.91 1.05 -11.44 | 57.30 0.26 -53.64 | 77.28 -0.30 -81.91 | 55.08 0.25 -51.14 | 40.63 0.51 -32.95 | 43.96 -0.22 -47.23 | 37.99 0.50 -30.53 | 29.70 0.79 -18.39 | 22.98 0.90 -10.57 |
| RAVENSWOOD___4 23820 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| RCPL_TRUST___DRP 24196 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.84 0.46 -42.07 | 24.93 0.79 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.01 | 45.47 0.17 -42.97 | 43.31 0.66 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.44 -35.69 | 23.60 1.17 -8.23 | 25.94 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.26 -51.13 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 37.99 0.51 -30.52 | 29.72 0.81 -18.39 | 23.00 0.92 -10.57 |
| RED___ROCHESTER 323720 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |
| RENSSELAER___COGEN 23796 | 46.98 0.17 -43.25 | 31.81 0.77 -13.11 | 35.22 0.42 -25.28 | 61.40 0.28 -54.81 | 28.37 0.51 -15.98 | 95.26 -0.14 -98.83 | 50.02 -0.05 -51.20 | 59.10 0.10 -56.67 | 53.67 0.42 -43.84 | 50.51 0.33 -42.93 | 44.63 0.09 -42.61 | 72.77 -0.16 -76.30 | 54.63 0.46 -44.67 | 52.76 0.25 -47.07 | 25.62 0.63 -10.79 | 28.90 0.58 -14.90 | 73.43 0.15 -69.88 | 102.19 -0.20 -106.71 | 70.47 0.16 -66.62 | 50.42 0.31 -42.93 | 58.34 -0.14 -61.53 | 47.03 0.30 -39.77 | 34.93 0.45 -23.96 | 25.77 0.49 -13.78 |
| REVERE_CPPR_DRP 24186 | 4.84 0.10 -1.19 | 18.71 0.42 -0.36 | 10.42 0.21 -0.69 | 7.93 0.12 -1.50 | 12.58 0.26 -0.44 | -0.81 -0.08 -2.71 | 0.25 -0.03 -1.42 | 3.99 0.08 -1.57 | 10.94 0.31 -1.22 | 8.68 0.23 -1.19 | 3.17 0.06 -1.18 | -1.35 -0.10 -2.12 | 11.03 0.28 -1.24 | 6.90 0.16 -1.31 | 14.90 0.40 -0.30 | 14.22 0.40 -0.41 | 5.42 0.10 -1.92 | -1.55 -0.15 -2.93 | 5.63 0.11 -1.83 | 8.59 0.24 -1.18 | -1.47 -0.11 -1.69 | 8.28 0.23 -1.09 | 11.50 0.32 -0.66 | 12.18 0.30 -0.38 |
| RIVERBAY____ 323610 | 37.06 0.30 -33.20 | 29.35 1.36 -10.06 | 29.67 0.75 -19.40 | 48.91 0.53 -42.07 | 25.06 0.92 -12.26 | 72.23 -0.20 -75.86 | 37.80 -0.08 -39.02 | 45.51 0.21 -42.97 | 43.40 0.74 -33.24 | 40.38 0.58 -32.55 | 34.41 0.17 -32.31 | 54.21 -0.28 -57.85 | 44.15 0.77 -33.87 | 41.59 0.47 -35.69 | 23.68 1.25 -8.23 | 25.97 1.12 -11.44 | 57.32 0.28 -53.64 | 77.26 -0.32 -81.91 | 55.10 0.28 -51.14 | 40.68 0.55 -32.95 | 43.93 -0.25 -47.23 | 38.03 0.55 -30.53 | 29.77 0.86 -18.39 | 23.07 0.99 -10.57 |
| ROCHESTER_9_IC 23652 | 7.73 -0.02 -4.18 | 18.94 -0.26 -1.27 | 11.82 -0.14 -2.45 | 11.49 -0.11 -5.30 | 13.26 -0.16 -1.55 | 6.12 -0.01 -9.56 | 3.78 0.00 -4.92 | 7.78 0.03 -5.42 | 13.77 0.15 -4.20 | 11.47 0.11 -4.11 | 6.02 0.02 -4.08 | 3.85 -0.09 -7.30 | 13.97 0.18 -4.27 | 10.00 0.06 -4.51 | 15.35 0.12 -1.04 | 14.93 0.08 -1.44 | 10.18 0.03 -6.76 | 5.94 -0.05 -10.32 | 10.12 -0.01 -6.44 | 11.35 0.03 -4.15 | 2.86 -0.04 -5.95 | 10.82 0.02 -3.85 | 12.85 0.01 -2.32 | 12.79 -0.05 -1.33 |
| ROSETON___1 23587 | 37.04 0.22 -33.26 | 29.00 0.99 -10.08 | 29.49 0.53 -19.44 | 48.82 0.37 -42.14 | 24.81 0.64 -12.29 | 72.39 -0.17 -76.00 | 37.89 -0.06 -39.09 | 45.52 0.15 -43.04 | 43.28 0.57 -33.29 | 40.31 0.45 -32.60 | 34.42 0.13 -32.37 | 54.37 -0.21 -57.95 | 44.03 0.59 -33.93 | 41.54 0.35 -35.75 | 23.38 0.94 -8.25 | 25.76 0.88 -11.46 | 57.36 0.22 -53.74 | 77.46 -0.27 -82.06 | 55.14 0.22 -51.23 | 40.64 0.45 -33.01 | 44.07 -0.20 -47.31 | 37.98 0.44 -30.58 | 29.62 0.67 -18.42 | 22.84 0.75 -10.59 |
| ROSETON___2 23588 | 37.04 0.22 -33.26 | 29.00 0.99 -10.08 | 29.49 0.53 -19.44 | 48.82 0.37 -42.14 | 24.81 0.64 -12.29 | 72.39 -0.17 -76.00 | 37.89 -0.06 -39.09 | 45.52 0.15 -43.04 | 43.28 0.57 -33.29 | 40.31 0.45 -32.60 | 34.42 0.13 -32.37 | 54.37 -0.21 -57.95 | 44.03 0.59 -33.93 | 41.54 0.35 -35.75 | 23.38 0.94 -8.25 | 25.76 0.88 -11.46 | 57.36 0.22 -53.74 | 77.46 -0.27 -82.06 | 55.14 0.22 -51.23 | 40.64 0.45 -33.01 | 44.07 -0.20 -47.31 | 37.98 0.44 -30.58 | 29.62 0.67 -18.42 | 22.84 0.75 -10.59 |
| RUSSELL___1 23602 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |
| RUSSELL___2 23532 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |
| RUSSELL___3 23549 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| RUSSELL___4 23556 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |
| RUSSELL___STATION 23914 | 7.74 0.00 -4.18 | 19.02 -0.18 -1.27 | 11.86 -0.10 -2.45 | 11.51 -0.09 -5.30 | 13.30 -0.12 -1.55 | 6.11 -0.02 -9.56 | 3.78 -0.01 -4.92 | 7.79 0.04 -5.42 | 13.80 0.19 -4.20 | 11.51 0.14 -4.11 | 6.03 0.02 -4.08 | 3.83 -0.10 -7.30 | 14.01 0.23 -4.27 | 10.02 0.08 -4.51 | 15.42 0.18 -1.04 | 14.99 0.13 -1.44 | 10.20 0.04 -6.76 | 5.92 -0.07 -10.32 | 10.14 0.01 -6.44 | 11.38 0.06 -4.15 | 2.85 -0.06 -5.95 | 10.86 0.05 -3.85 | 12.90 0.06 -2.32 | 12.83 0.00 -1.33 |
| S SALMON___HYD 24043 | 5.91 -0.01 -2.36 | 18.54 -0.11 -0.72 | 10.83 -0.07 -1.38 | 9.24 -0.05 -2.99 | 12.69 -0.06 -0.87 | 1.96 0.01 -5.39 | 1.65 0.00 -2.78 | 5.41 0.01 -3.07 | 11.81 0.03 -2.37 | 9.59 0.01 -2.32 | 4.24 0.00 -2.31 | 0.76 -0.01 -4.13 | 11.98 0.05 -2.42 | 7.99 0.01 -2.55 | 14.82 0.04 -0.59 | 14.25 0.02 -0.81 | 7.20 0.00 -3.81 | 1.49 0.00 -5.82 | 7.31 -0.01 -3.63 | 9.51 0.00 -2.34 | 0.30 0.00 -3.35 | 9.14 0.01 -2.17 | 11.84 0.01 -1.31 | 12.19 -0.06 -0.75 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 8.94 -0.02 -5.40 | 19.20 -0.37 -1.64 | 12.48 -0.19 -3.16 | 12.99 -0.16 -6.84 | 13.66 -0.21 -1.99 | 8.88 -0.02 -12.34 | 5.21 -0.01 -6.35 | 9.36 0.03 -7.00 | 15.04 0.21 -5.41 | 12.69 0.14 -5.30 | 7.20 0.01 -5.26 | 5.93 -0.13 -9.42 | 15.31 0.28 -5.52 | 11.33 0.08 -5.81 | 15.69 0.16 -1.34 | 15.35 0.07 -1.86 | 12.15 0.02 -8.73 | 8.94 -0.06 -13.32 | 11.97 -0.04 -8.32 | 12.52 0.00 -5.36 | 4.59 -0.05 -7.68 | 11.92 -0.01 -4.97 | 13.51 0.00 -2.99 | 13.17 -0.05 -1.72 |
| SELKIRK___I 23801 | 46.11 0.16 -42.39 | 31.55 0.76 -12.85 | 34.71 0.42 -24.78 | 60.31 0.28 -53.72 | 28.05 0.51 -15.66 | 93.29 -0.14 -96.86 | 48.67 -0.05 -49.85 | 57.36 0.11 -54.92 | 52.36 0.46 -42.49 | 49.22 0.36 -41.60 | 43.33 0.10 -41.30 | 70.40 -0.18 -73.94 | 53.29 0.49 -43.29 | 51.33 0.28 -45.62 | 25.42 0.68 -10.54 | 28.63 0.61 -14.60 | 72.04 0.15 -68.49 | 100.06 -0.20 -104.59 | 69.15 0.17 -65.29 | 49.57 0.32 -42.08 | 57.11 -0.14 -60.30 | 46.25 0.31 -38.98 | 34.47 0.47 -23.48 | 25.51 0.51 -13.50 |
| SELKIRK___II 23799 | 46.16 0.16 -42.43 | 31.56 0.76 -12.86 | 34.74 0.42 -24.80 | 60.36 0.28 -53.77 | 28.07 0.51 -15.68 | 93.39 -0.14 -96.97 | 48.72 -0.05 -49.90 | 57.42 0.11 -54.98 | 52.40 0.45 -42.53 | 49.26 0.36 -41.65 | 43.37 0.10 -41.34 | 70.48 -0.18 -74.02 | 53.34 0.49 -43.34 | 51.38 0.28 -45.67 | 25.42 0.68 -10.55 | 28.64 0.61 -14.62 | 72.11 0.15 -68.56 | 100.17 -0.20 -104.70 | 69.22 0.16 -65.36 | 49.62 0.32 -42.12 | 57.18 -0.14 -60.37 | 46.29 0.31 -39.02 | 34.50 0.47 -23.50 | 25.53 0.51 -13.52 |
| SENECA OSWGO___HYD 24041 | 6.30 -0.02 -2.77 | 18.59 -0.18 -0.84 | 11.03 -0.10 -1.62 | 9.74 -0.08 -3.51 | 12.78 -0.12 -1.02 | 2.91 0.03 -6.32 | 2.13 0.00 -3.26 | 5.92 0.00 -3.59 | 12.20 0.00 -2.78 | 9.97 0.00 -2.72 | 4.63 0.00 -2.70 | 1.46 0.00 -4.83 | 12.34 0.00 -2.83 | 8.39 -0.02 -2.98 | 14.83 -0.05 -0.69 | 14.31 -0.06 -0.95 | 7.85 -0.01 -4.47 | 2.51 0.01 -6.83 | 7.93 -0.02 -4.26 | 9.89 -0.03 -2.74 | 0.89 0.01 -3.94 | 9.48 -0.03 -2.54 | 12.00 -0.05 -1.53 | 12.31 -0.08 -0.88 |
| SENECA___ENERGY 23797 | 7.98 0.04 -4.38 | 19.35 0.09 -1.33 | 12.11 0.03 -2.56 | 11.86 0.00 -5.55 | 13.57 0.07 -1.62 | 6.55 -0.04 -10.01 | 4.01 -0.02 -5.16 | 8.07 0.05 -5.68 | 14.05 0.23 -4.40 | 11.74 0.19 -4.31 | 6.25 0.04 -4.27 | 4.19 -0.09 -7.65 | 14.23 0.24 -4.48 | 10.27 0.12 -4.72 | 15.56 0.28 -1.09 | 15.17 0.25 -1.51 | 10.55 0.07 -7.08 | 6.40 -0.09 -10.81 | 10.49 0.05 -6.75 | 11.65 0.13 -4.35 | 3.13 -0.06 -6.24 | 11.11 0.12 -4.03 | 13.11 0.16 -2.43 | 13.04 0.14 -1.40 |
| SHOEMAKER___GT 23640 | 34.15 0.21 -30.38 | 28.06 0.92 -9.21 | 27.77 0.49 -17.76 | 45.15 0.34 -38.50 | 23.70 0.60 -11.22 | 65.84 -0.16 -69.43 | 34.52 -0.06 -35.71 | 41.79 0.13 -39.33 | 40.36 0.52 -30.42 | 37.46 0.41 -29.79 | 31.62 0.12 -29.57 | 49.38 -0.20 -52.94 | 41.06 0.55 -31.00 | 38.43 0.33 -32.67 | 22.60 0.87 -7.54 | 24.70 0.81 -10.47 | 52.70 0.21 -49.09 | 70.38 -0.25 -74.96 | 50.70 0.21 -46.80 | 37.75 0.42 -30.16 | 39.99 -0.18 -43.22 | 35.31 0.42 -27.94 | 27.99 0.64 -16.83 | 21.88 0.70 -9.68 |
| SHOREHAM_IC_1 23715 | 37.09 0.32 -33.21 | 29.33 1.33 -10.06 | 29.67 0.75 -19.41 | 48.92 0.54 -42.08 | 25.01 0.87 -12.26 | 72.28 -0.16 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.56 0.90 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.10 -0.39 -57.86 | 44.29 0.91 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.24 1.38 -11.44 | 137.16 0.42 -133.34 | 77.24 -0.37 -81.93 | 55.16 0.33 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.27 -47.24 | 38.05 0.56 -30.53 | 30.98 1.06 -19.40 | 23.33 1.25 -10.58 |
| SHOREHAM_IC_2 23716 | 37.09 0.32 -33.21 | 29.33 1.33 -10.06 | 29.67 0.75 -19.41 | 48.92 0.54 -42.08 | 25.01 0.87 -12.26 | 72.28 -0.16 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.23 -42.98 | 43.56 0.90 -33.24 | 40.46 0.66 -32.56 | 34.43 0.19 -32.32 | 54.10 -0.39 -57.86 | 44.29 0.91 -33.88 | 41.63 0.50 -35.70 | 23.80 1.37 -8.23 | 26.24 1.38 -11.44 | 137.16 0.42 -133.34 | 77.24 -0.37 -81.93 | 55.16 0.33 -51.15 | 40.77 0.63 -32.96 | 43.92 -0.27 -47.24 | 38.05 0.56 -30.53 | 30.98 1.06 -19.40 | 23.33 1.25 -10.58 |
| SISSONVILLE___ 23735 | 3.41 -0.15 0.00 | 17.37 -0.56 0.00 | 9.22 -0.29 0.00 | 6.13 -0.17 0.00 | 11.51 -0.36 0.00 | -3.33 0.11 0.00 | -1.09 0.04 0.00 | 2.22 -0.11 0.00 | 8.95 -0.47 0.00 | 6.88 -0.37 0.00 | 1.81 -0.12 0.00 | -3.16 0.21 0.00 | 9.07 -0.44 0.00 | 5.15 -0.28 0.00 | 13.59 -0.61 0.00 | 12.84 -0.58 0.00 | 3.22 -0.18 0.00 | -4.10 0.23 0.00 | 3.52 -0.17 0.00 | 6.83 -0.34 0.00 | -2.93 0.12 0.00 | 6.69 -0.26 0.00 | 10.11 -0.41 0.00 | 11.06 -0.44 0.00 |
| SITHE_IND_GS1 24169 | 5.77 -0.07 -2.27 | 18.23 -0.39 -0.69 | 10.63 -0.21 -1.33 | 9.04 -0.15 -2.88 | 12.46 -0.26 -0.84 | 1.82 0.07 -5.19 | 1.56 0.02 -2.67 | 5.25 -0.03 -2.95 | 11.57 -0.13 -2.28 | 9.39 -0.10 -2.23 | 4.12 -0.03 -2.22 | 0.64 0.04 -3.97 | 11.71 -0.13 -2.32 | 7.80 -0.08 -2.45 | 14.54 -0.22 -0.56 | 13.99 -0.22 -0.78 | 7.01 -0.05 -3.67 | 1.34 0.07 -5.61 | 7.12 -0.07 -3.50 | 9.31 -0.12 -2.26 | 0.23 0.05 -3.23 | 8.93 -0.12 -2.09 | 11.60 -0.18 -1.26 | 12.00 -0.22 -0.73 |
| SITHE_IND_GS2 24170 | 5.77 -0.07 -2.27 | 18.23 -0.39 -0.69 | 10.63 -0.21 -1.33 | 9.04 -0.15 -2.88 | 12.46 -0.26 -0.84 | 1.82 0.07 -5.19 | 1.56 0.02 -2.67 | 5.25 -0.03 -2.95 | 11.57 -0.13 -2.28 | 9.39 -0.10 -2.23 | 4.12 -0.03 -2.22 | 0.64 0.04 -3.97 | 11.71 -0.13 -2.32 | 7.80 -0.08 -2.45 | 14.54 -0.22 -0.56 | 13.99 -0.22 -0.78 | 7.01 -0.05 -3.67 | 1.34 0.07 -5.61 | 7.12 -0.07 -3.50 | 9.31 -0.12 -2.26 | 0.23 0.05 -3.23 | 8.93 -0.12 -2.09 | 11.60 -0.18 -1.26 | 12.00 -0.22 -0.73 |
| SITHE_IND_GS3 24171 | 5.77 -0.07 -2.27 | 18.23 -0.39 -0.69 | 10.63 -0.21 -1.33 | 9.04 -0.15 -2.88 | 12.46 -0.26 -0.84 | 1.82 0.07 -5.19 | 1.56 0.02 -2.67 | 5.25 -0.03 -2.95 | 11.57 -0.13 -2.28 | 9.39 -0.10 -2.23 | 4.12 -0.03 -2.22 | 0.64 0.04 -3.97 | 11.71 -0.13 -2.32 | 7.80 -0.08 -2.45 | 14.54 -0.22 -0.56 | 13.99 -0.22 -0.78 | 7.01 -0.05 -3.67 | 1.34 0.07 -5.61 | 7.12 -0.07 -3.50 | 9.31 -0.12 -2.26 | 0.23 0.05 -3.23 | 8.93 -0.12 -2.09 | 11.60 -0.18 -1.26 | 12.00 -0.22 -0.73 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SITHE_IND_GS4 24172 | 5.77 -0.07 -2.27 | 18.23 -0.39 -0.69 | 10.63 -0.21 -1.33 | 9.04 -0.15 -2.88 | 12.46 -0.26 -0.84 | 1.82 0.07 -5.19 | 1.56 0.02 -2.67 | 5.25 -0.03 -2.95 | 11.57 -0.13 -2.28 | 9.39 -0.10 -2.23 | 4.12 -0.03 -2.22 | 0.64 0.04 -3.97 | 11.71 -0.13 -2.32 | 7.80 -0.08 -2.45 | 14.54 -0.22 -0.56 | 13.99 -0.22 -0.78 | 7.01 -0.05 -3.67 | 1.34 0.07 -5.61 | 7.12 -0.07 -3.50 | 9.31 -0.12 -2.26 | 0.23 0.05 -3.23 | 8.93 -0.12 -2.09 | 11.60 -0.18 -1.26 | 12.00 -0.22 -0.73 |
| SITHE___BATAVIA 24024 | 8.40 0.03 -4.80 | 19.30 -0.08 -1.46 | 12.27 -0.05 -2.81 | 12.33 -0.06 -6.09 | 13.61 -0.04 -1.77 | 7.47 -0.07 -10.98 | 4.50 -0.03 -5.66 | 8.65 0.09 -6.23 | 14.61 0.38 -4.82 | 12.23 0.26 -4.72 | 6.66 0.05 -4.68 | 4.85 -0.17 -8.39 | 14.83 0.41 -4.91 | 10.76 0.16 -5.18 | 15.76 0.38 -1.19 | 15.37 0.30 -1.66 | 11.24 0.08 -7.76 | 7.39 -0.14 -11.86 | 11.13 0.04 -7.40 | 12.07 0.13 -4.77 | 3.69 -0.10 -6.84 | 11.50 0.12 -4.42 | 13.35 0.17 -2.66 | 13.14 0.11 -1.53 |
| SITHE___INDEPEND 23800 | 5.77 -0.07 -2.27 | 18.23 -0.39 -0.69 | 10.63 -0.21 -1.33 | 9.04 -0.15 -2.88 | 12.46 -0.26 -0.84 | 1.82 0.07 -5.19 | 1.56 0.02 -2.67 | 5.25 -0.03 -2.95 | 11.57 -0.13 -2.28 | 9.39 -0.10 -2.23 | 4.12 -0.03 -2.22 | 0.64 0.04 -3.97 | 11.71 -0.13 -2.32 | 7.80 -0.08 -2.45 | 14.54 -0.22 -0.56 | 13.99 -0.22 -0.78 | 7.01 -0.05 -3.67 | 1.34 0.07 -5.61 | 7.12 -0.07 -3.50 | 9.31 -0.12 -2.26 | 0.23 0.05 -3.23 | 8.93 -0.12 -2.09 | 11.60 -0.18 -1.26 | 12.00 -0.22 -0.73 |
| SITHE___MASSENA 23902 | 3.45 -0.11 0.00 | 17.56 -0.37 0.00 | 9.33 -0.19 0.00 | 6.20 -0.10 0.00 | 11.64 -0.24 0.00 | -3.36 0.07 0.00 | -1.11 0.03 0.00 | 2.26 -0.08 0.00 | 9.09 -0.32 0.00 | 6.99 -0.26 0.00 | 1.85 -0.08 0.00 | -3.21 0.16 0.00 | 9.15 -0.35 0.00 | 5.23 -0.20 0.00 | 13.71 -0.49 0.00 | 12.97 -0.45 0.00 | 3.27 -0.12 0.00 | -4.16 0.16 0.00 | 3.58 -0.11 0.00 | 6.94 -0.24 0.00 | -2.95 0.10 0.00 | 6.75 -0.21 0.00 | 10.21 -0.31 0.00 | 11.19 -0.31 0.00 |
| SITHE___OGDNSBRG 24021 | 3.46 -0.10 0.00 | 17.61 -0.32 0.00 | 9.35 -0.17 0.00 | 6.22 -0.09 0.00 | 11.67 -0.21 0.00 | -3.37 0.06 0.00 | -1.11 0.03 0.00 | 2.26 -0.08 0.00 | 9.09 -0.32 0.00 | 7.00 -0.25 0.00 | 1.84 -0.08 0.00 | -3.21 0.16 0.00 | 9.18 -0.33 0.00 | 5.23 -0.21 0.00 | 13.74 -0.46 0.00 | 13.00 -0.42 0.00 | 3.27 -0.13 0.00 | -4.17 0.16 0.00 | 3.58 -0.11 0.00 | 6.94 -0.23 0.00 | -2.96 0.09 0.00 | 6.77 -0.19 0.00 | 10.23 -0.29 0.00 | 11.21 -0.29 0.00 |
| SITHE___STERLING 23777 | 5.24 0.09 -1.59 | 18.80 0.39 -0.48 | 10.64 0.19 -0.93 | 8.44 0.11 -2.02 | 12.72 0.25 -0.59 | 0.13 -0.08 -3.64 | 0.73 -0.03 -1.89 | 4.51 0.07 -2.10 | 11.35 0.31 -1.62 | 9.07 0.23 -1.59 | 3.57 0.06 -1.58 | -0.65 -0.11 -2.82 | 11.45 0.28 -1.65 | 7.33 0.16 -1.74 | 15.00 0.40 -0.40 | 14.35 0.39 -0.55 | 6.07 0.10 -2.58 | -0.54 -0.14 -3.94 | 6.26 0.11 -2.46 | 8.99 0.23 -1.58 | -0.88 -0.10 -2.27 | 8.65 0.23 -1.46 | 11.71 0.31 -0.88 | 12.31 0.30 -0.51 |
| SOUTH CAIRO___GT 23612 | 40.39 0.26 -36.57 | 30.21 1.20 -11.09 | 31.53 0.64 -21.38 | 53.08 0.43 -46.35 | 26.18 0.79 -13.51 | 79.93 -0.21 -83.58 | 41.79 -0.08 -43.01 | 49.89 0.18 -47.38 | 46.79 0.73 -36.65 | 43.71 0.57 -35.89 | 37.71 0.16 -35.62 | 60.17 -0.25 -63.78 | 47.58 0.73 -37.34 | 45.22 0.43 -39.35 | 24.38 1.11 -9.08 | 27.04 1.02 -12.60 | 62.76 0.26 -59.10 | 85.58 -0.34 -90.24 | 60.32 0.29 -56.34 | 44.05 0.58 -36.31 | 48.74 -0.25 -52.03 | 41.13 0.54 -33.63 | 31.58 0.80 -20.26 | 23.99 0.84 -11.65 |
| SOUTH HAMPTN___IC 23720 | 37.18 0.41 -33.21 | 29.76 1.76 -10.06 | 29.89 0.97 -19.41 | 49.07 0.69 -42.08 | 25.29 1.15 -12.26 | 72.19 -0.25 -75.87 | 37.77 -0.12 -39.02 | 45.60 0.29 -42.98 | 43.78 1.12 -33.24 | 40.63 0.82 -32.56 | 34.48 0.23 -32.32 | 54.04 -0.46 -57.86 | 44.49 1.11 -33.88 | 41.74 0.61 -35.70 | 24.10 1.67 -8.23 | 26.52 1.66 -11.44 | 139.73 0.49 -135.84 | 77.18 -0.42 -81.93 | 55.26 0.42 -51.15 | 40.97 0.84 -32.96 | 43.83 -0.35 -47.24 | 38.23 0.74 -30.53 | 31.24 1.31 -19.40 | 23.57 1.49 -10.58 |
| SOUTHOLD___IC 23719 | 37.23 0.47 -33.21 | 30.02 2.03 -10.06 | 30.02 1.10 -19.41 | 49.15 0.76 -42.08 | 25.45 1.30 -12.26 | 72.15 -0.29 -75.87 | 37.75 -0.14 -39.02 | 45.63 0.32 -42.98 | 43.91 1.26 -33.24 | 40.73 0.92 -32.56 | 34.50 0.26 -32.32 | 53.99 -0.50 -57.86 | 44.61 1.23 -33.88 | 41.81 0.68 -35.70 | 24.27 1.84 -8.23 | 26.68 1.82 -11.44 | 139.68 0.55 -135.73 | 77.23 -0.37 -81.93 | 55.32 0.49 -51.15 | 41.09 0.96 -32.96 | 43.78 -0.41 -47.24 | 38.34 0.85 -30.53 | 31.39 1.47 -19.40 | 23.73 1.65 -10.58 |
| ST LAWRENCE____ 23600 | 3.43 -0.13 0.00 | 17.46 -0.47 0.00 | 9.27 -0.24 0.00 | 6.17 -0.14 0.00 | 11.57 -0.30 0.00 | -3.34 0.10 0.00 | -1.10 0.04 0.00 | 2.24 -0.09 0.00 | 9.04 -0.38 0.00 | 6.96 -0.30 0.00 | 1.84 -0.08 0.00 | -3.21 0.15 0.00 | 9.09 -0.41 0.00 | 5.21 -0.23 0.00 | 13.62 -0.57 0.00 | 12.89 -0.53 0.00 | 3.25 -0.14 0.00 | -4.15 0.18 0.00 | 3.56 -0.13 0.00 | 6.90 -0.27 0.00 | -2.93 0.12 0.00 | 6.71 -0.25 0.00 | 10.15 -0.37 0.00 | 11.12 -0.38 0.00 |
| STATION 5_MISC_HYD 23604 | 7.73 -0.02 -4.18 | 18.94 -0.26 -1.27 | 11.82 -0.14 -2.45 | 11.49 -0.11 -5.30 | 13.26 -0.16 -1.55 | 6.12 -0.01 -9.56 | 3.78 0.00 -4.92 | 7.78 0.03 -5.42 | 13.77 0.15 -4.20 | 11.47 0.11 -4.11 | 6.02 0.02 -4.08 | 3.85 -0.09 -7.30 | 13.97 0.18 -4.27 | 10.00 0.06 -4.51 | 15.35 0.12 -1.04 | 14.93 0.08 -1.44 | 10.18 0.03 -6.76 | 5.94 -0.05 -10.32 | 10.12 -0.01 -6.44 | 11.35 0.03 -4.15 | 2.86 -0.04 -5.95 | 10.82 0.02 -3.85 | 12.85 0.01 -2.32 | 12.79 -0.05 -1.33 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 7.77 0.03 -4.18 | 19.22 0.02 -1.27 | 11.96 0.00 -2.44 | 11.58 -0.02 -5.30 | 13.44 0.02 -1.54 | 6.07 -0.04 -9.55 | 3.77 -0.02 -4.92 | 7.81 0.06 -5.42 | 13.87 0.27 -4.19 | 11.56 0.20 -4.10 | 6.05 0.04 -4.08 | 3.81 -0.12 -7.30 | 14.06 0.28 -4.27 | 10.06 0.12 -4.50 | 15.53 0.29 -1.04 | 15.11 0.25 -1.44 | 10.22 0.07 -6.75 | 5.88 -0.10 -10.31 | 10.18 0.05 -6.44 | 11.44 0.13 -4.15 | 2.83 -0.07 -5.95 | 10.92 0.11 -3.84 | 12.98 0.15 -2.31 | 12.94 0.11 -1.33 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 7.67 -0.04 -4.15 | 18.85 -0.34 -1.26 | 11.76 -0.18 -2.42 | 11.42 -0.14 -5.26 | 13.19 -0.22 -1.53 | 6.06 0.01 -9.48 | 3.75 0.00 -4.88 | 7.73 0.02 -5.38 | 13.68 0.10 -4.16 | 11.40 0.07 -4.08 | 5.98 0.01 -4.05 | 3.81 -0.07 -7.24 | 13.88 0.13 -4.24 | 9.93 0.03 -4.47 | 15.27 0.05 -1.03 | 14.86 0.01 -1.43 | 10.11 0.01 -6.70 | 5.88 -0.03 -10.24 | 10.06 -0.02 -6.39 | 11.28 -0.01 -4.12 | 2.83 -0.03 -5.90 | 10.76 -0.02 -3.82 | 12.78 -0.03 -2.30 | 12.72 -0.10 -1.32 |
| STEEL___WIND 323596 | 9.23 0.04 -5.63 | 19.61 -0.03 -1.71 | 12.79 -0.02 -3.29 | 13.39 -0.05 -7.14 | 13.97 0.01 -2.08 | 9.35 -0.08 -12.87 | 5.46 -0.03 -6.62 | 9.69 0.06 -7.30 | 15.43 0.37 -5.65 | 13.05 0.28 -5.53 | 7.47 0.05 -5.49 | 6.27 -0.19 -9.82 | 15.71 0.45 -5.75 | 11.67 0.18 -6.06 | 16.00 0.40 -1.40 | 15.67 0.31 -1.94 | 12.58 0.09 -9.10 | 9.43 -0.13 -13.89 | 12.39 0.03 -8.67 | 12.88 0.12 -5.59 | 4.86 -0.10 -8.01 | 12.26 0.12 -5.17 | 13.83 0.18 -3.12 | 13.44 0.15 -1.79 |
| STEUBEN_REC_LFGE 323667 | 11.03 0.19 -7.28 | 20.95 0.81 -2.21 | 14.19 0.42 -4.26 | 15.77 0.24 -9.22 | 15.15 0.59 -2.69 | 12.99 -0.21 -16.64 | 7.36 -0.07 -8.56 | 11.93 0.16 -9.43 | 17.48 0.77 -7.30 | 15.00 0.60 -7.15 | 9.17 0.15 -7.09 | 9.03 -0.31 -12.70 | 17.78 0.83 -7.44 | 13.69 0.42 -7.84 | 17.07 1.07 -1.81 | 16.89 0.96 -2.51 | 15.41 0.25 -11.76 | 13.30 -0.33 -17.96 | 15.13 0.23 -11.21 | 14.89 0.49 -7.23 | 7.08 -0.23 -10.35 | 14.11 0.46 -6.69 | 15.20 0.64 -4.03 | 14.47 0.65 -2.32 |

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| STONY___BROOK 24151 | 37.10 0.34 -33.21 | 29.44 1.45 -10.06 | 29.73 0.81 -19.41 | 48.96 0.58 -42.08 | 25.08 0.94 -12.26 | 72.26 -0.18 -75.87 | 37.80 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.47 0.66 -32.56 | 34.43 0.19 -32.32 | 54.13 -0.37 -57.86 | 44.27 0.89 -33.88 | 41.64 0.51 -35.70 | 23.84 1.41 -8.23 | 26.25 1.39 -11.44 | 117.94 0.40 -114.14 | 77.23 -0.37 -81.93 | 55.17 0.33 -51.15 | 40.77 0.64 -32.96 | 43.92 -0.27 -47.24 | 38.08 0.59 -30.53 | 30.99 1.07 -19.40 | 23.27 1.20 -10.58 |
| STURGEON_POOL_HYD 23609 | 37.90 0.21 -34.13 | 29.23 0.95 -10.34 | 29.98 0.51 -19.95 | 49.91 0.35 -43.25 | 25.10 0.62 -12.61 | 74.40 -0.16 -77.99 | 38.93 -0.06 -40.12 | 46.68 0.14 -44.19 | 44.15 0.54 -34.19 | 41.16 0.43 -33.48 | 35.28 0.12 -33.24 | 55.92 -0.21 -59.50 | 44.90 0.56 -34.84 | 42.48 0.34 -36.71 | 23.57 0.91 -8.47 | 26.04 0.86 -11.76 | 58.76 0.22 -55.15 | 79.62 -0.27 -84.21 | 56.48 0.22 -52.57 | 41.49 0.44 -33.88 | 45.31 -0.19 -48.55 | 38.77 0.43 -31.38 | 30.09 0.66 -18.90 | 23.10 0.73 -10.87 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 34.82 0.22 -31.04 | 28.32 0.98 -9.41 | 28.18 0.52 -18.15 | 46.01 0.37 -39.34 | 23.98 0.63 -11.47 | 67.33 -0.16 -70.93 | 35.29 -0.06 -36.48 | 42.66 0.15 -40.18 | 41.06 0.57 -31.08 | 38.14 0.45 -30.43 | 32.27 0.13 -30.21 | 50.51 -0.21 -54.09 | 41.77 0.59 -31.67 | 39.16 0.35 -33.37 | 22.83 0.94 -7.70 | 24.99 0.88 -10.70 | 53.78 0.23 -50.16 | 71.99 -0.28 -76.59 | 51.73 0.23 -47.82 | 38.44 0.46 -30.81 | 40.91 -0.20 -44.16 | 35.95 0.44 -28.54 | 28.40 0.68 -17.19 | 22.13 0.74 -9.89 |
| SYNERGY___BIOGAS 323694 | 8.40 0.03 -4.80 | 19.30 -0.08 -1.46 | 12.27 -0.05 -2.81 | 12.33 -0.06 -6.09 | 13.61 -0.04 -1.77 | 7.47 -0.07 -10.98 | 4.50 -0.03 -5.66 | 8.65 0.09 -6.23 | 14.61 0.38 -4.82 | 12.23 0.26 -4.72 | 6.66 0.05 -4.68 | 4.85 -0.17 -8.39 | 14.83 0.41 -4.91 | 10.76 0.16 -5.18 | 15.76 0.38 -1.19 | 15.37 0.30 -1.66 | 11.24 0.08 -7.76 | 7.39 -0.14 -11.86 | 11.13 0.04 -7.40 | 12.07 0.13 -4.77 | 3.69 -0.10 -6.84 | 11.50 0.12 -4.42 | 13.35 0.17 -2.66 | 13.14 0.11 -1.53 |
| SYRACUSE___ENERGY_ST1 323597 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| SYRACUSE___ENERGY_ST2 323598 | 7.07 0.02 -3.49 | 19.05 0.06 -1.06 | 11.58 0.02 -2.04 | 10.74 0.00 -4.43 | 13.21 0.04 -1.29 | 4.53 -0.02 -7.98 | 2.97 -0.01 -4.11 | 6.90 0.03 -4.53 | 13.06 0.14 -3.50 | 10.79 0.10 -3.43 | 5.36 0.03 -3.41 | 2.68 -0.05 -6.10 | 13.22 0.13 -3.57 | 9.26 0.06 -3.76 | 15.23 0.17 -0.87 | 14.77 0.15 -1.21 | 9.08 0.04 -5.64 | 4.24 -0.05 -8.62 | 9.10 0.03 -5.38 | 10.71 0.07 -3.47 | 1.89 -0.03 -4.97 | 10.24 0.07 -3.21 | 12.55 0.10 -1.94 | 12.69 0.08 -1.11 |
| SYRACUSE___POWER 24017 | 7.22 0.03 -3.63 | 19.10 0.06 -1.10 | 11.66 0.02 -2.13 | 10.92 0.00 -4.60 | 13.26 0.04 -1.34 | 4.85 -0.02 -8.30 | 3.13 -0.01 -4.27 | 7.08 0.03 -4.71 | 13.20 0.14 -3.65 | 10.93 0.11 -3.57 | 5.50 0.03 -3.55 | 2.92 -0.06 -6.35 | 13.36 0.14 -3.72 | 9.41 0.07 -3.92 | 15.27 0.17 -0.90 | 14.82 0.15 -1.25 | 9.31 0.04 -5.87 | 4.58 -0.06 -8.96 | 9.32 0.03 -5.60 | 10.86 0.08 -3.61 | 2.08 -0.04 -5.17 | 10.38 0.08 -3.34 | 12.63 0.10 -2.01 | 12.75 0.09 -1.16 |
| TRIGEN___CC 323695 | 37.06 0.30 -33.21 | 29.26 1.27 -10.06 | 29.62 0.69 -19.41 | 48.88 0.49 -42.08 | 24.93 0.79 -12.26 | 72.28 -0.16 -75.87 | 37.82 -0.07 -39.02 | 45.50 0.18 -42.98 | 43.38 0.72 -33.24 | 40.35 0.55 -32.56 | 34.40 0.16 -32.32 | 54.20 -0.30 -57.86 | 44.10 0.72 -33.88 | 41.58 0.45 -35.70 | 23.67 1.25 -8.23 | 26.04 1.18 -11.44 | 57.37 0.32 -53.65 | 77.29 -0.31 -81.93 | 55.11 0.28 -51.15 | 40.68 0.55 -32.96 | 43.96 -0.23 -47.24 | 38.00 0.51 -30.53 | 31.25 0.87 -19.85 | 23.05 0.97 -10.58 |
| UNION___PROCESSING_DRP 323587 | 7.74 -0.02 -4.21 | 18.93 -0.28 -1.28 | 11.82 -0.15 -2.46 | 11.51 -0.13 -5.33 | 13.25 -0.18 -1.55 | 6.18 0.00 -9.61 | 3.81 0.00 -4.95 | 7.81 0.02 -5.45 | 13.78 0.14 -4.22 | 11.48 0.10 -4.13 | 6.04 0.01 -4.10 | 3.89 -0.08 -7.34 | 13.98 0.17 -4.30 | 10.02 0.05 -4.53 | 15.34 0.10 -1.05 | 14.92 0.05 -1.45 | 10.21 0.02 -6.79 | 6.01 -0.05 -10.38 | 10.15 -0.01 -6.48 | 11.36 0.01 -4.18 | 2.90 -0.04 -5.98 | 10.83 0.01 -3.87 | 12.85 0.00 -2.33 | 12.78 -0.07 -1.34 |
| UPPER HUDSON___HYD 24058 | 51.04 0.27 -47.21 | 33.49 1.24 -14.31 | 37.82 0.71 -27.59 | 66.60 0.46 -59.82 | 30.15 0.84 -17.44 | 104.17 -0.27 -107.88 | 55.07 -0.09 -56.29 | 65.13 0.18 -62.61 | 58.64 0.79 -48.43 | 55.33 0.64 -47.43 | 49.19 0.17 -47.08 | 80.65 -0.28 -84.30 | 59.74 0.88 -49.35 | 57.89 0.45 -52.01 | 27.12 1.10 -11.82 | 30.81 1.13 -16.26 | 79.97 0.29 -76.28 | 111.78 -0.38 -116.48 | 76.74 0.33 -72.72 | 54.69 0.66 -46.86 | 63.85 -0.26 -67.16 | 50.98 0.61 -43.41 | 37.53 0.86 -26.15 | 27.39 0.85 -15.04 |
| UPPER RAQUET___HYD 24056 | 3.41 -0.15 0.00 | 17.37 -0.56 0.00 | 9.22 -0.29 0.00 | 6.13 -0.17 0.00 | 11.51 -0.36 0.00 | -3.33 0.11 0.00 | -1.09 0.04 0.00 | 2.22 -0.11 0.00 | 8.95 -0.47 0.00 | 6.88 -0.37 0.00 | 1.81 -0.12 0.00 | -3.16 0.21 0.00 | 9.07 -0.44 0.00 | 5.15 -0.28 0.00 | 13.59 -0.61 0.00 | 12.84 -0.58 0.00 | 3.22 -0.18 0.00 | -4.10 0.23 0.00 | 3.52 -0.17 0.00 | 6.83 -0.34 0.00 | -2.93 0.12 0.00 | 6.69 -0.26 0.00 | 10.11 -0.41 0.00 | 11.06 -0.44 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 16.61 0.18 -12.87 | 22.65 0.82 -3.90 | 17.47 0.43 -7.52 | 22.90 0.29 -16.31 | 17.17 0.54 -4.76 | 25.83 -0.15 -29.41 | 14.01 -0.05 -15.19 | 19.24 0.13 -16.78 | 22.90 0.50 -12.98 | 20.36 0.39 -12.71 | 14.65 0.11 -12.62 | 19.04 -0.18 -22.59 | 23.25 0.52 -13.23 | 19.66 0.29 -13.94 | 18.18 0.78 -3.20 | 18.59 0.73 -4.44 | 24.37 0.19 -20.79 | 27.20 -0.23 -31.75 | 23.70 0.18 -19.82 | 20.31 0.37 -12.77 | 15.10 -0.16 -18.31 | 19.14 0.35 -11.83 | 18.18 0.54 -7.13 | 16.19 0.58 -4.10 |
| VISCHER___FERRY HYD 24020 | 49.50 0.21 -45.74 | 32.75 0.96 -13.86 | 36.78 0.53 -26.73 | 64.61 0.34 -57.96 | 29.42 0.65 -16.90 | 100.89 -0.19 -104.51 | 53.11 -0.07 -54.31 | 62.71 0.14 -60.24 | 56.61 0.59 -46.60 | 53.36 0.47 -45.63 | 47.35 0.13 -45.30 | 77.50 -0.23 -81.10 | 57.64 0.65 -47.48 | 55.81 0.35 -50.04 | 26.47 0.85 -11.43 | 29.99 0.82 -15.76 | 77.50 0.21 -73.90 | 108.24 -0.28 -112.85 | 74.38 0.24 -70.45 | 53.05 0.48 -45.40 | 61.82 -0.20 -65.07 | 49.46 0.44 -42.05 | 36.50 0.64 -25.33 | 26.73 0.66 -14.57 |
| V_CMM_10_SYNC_DSASP 323787 | 3.44 -0.12 0.00 | 17.51 -0.42 0.00 | 9.30 -0.21 0.00 | 6.19 -0.12 0.00 | 11.61 -0.27 0.00 | -3.35 0.08 0.00 | -1.10 0.03 0.00 | 2.25 -0.09 0.00 | 9.08 -0.34 0.00 | 6.98 -0.27 0.00 | 1.85 -0.08 0.00 | -3.22 0.14 0.00 | 9.13 -0.38 0.00 | 5.22 -0.21 0.00 | 13.67 -0.53 0.00 | 12.93 -0.49 0.00 | 3.27 -0.13 0.00 | -4.16 0.17 0.00 | 3.57 -0.12 0.00 | 6.92 -0.25 0.00 | -2.94 0.11 0.00 | 6.73 -0.23 0.00 | 10.18 -0.34 0.00 | 11.15 -0.35 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 3.50 -0.06 0.00 | 17.86 -0.07 0.00 | 9.49 -0.02 0.00 | 6.30 -0.01 0.00 | 11.83 -0.05 0.00 | -3.42 0.01 0.00 | -1.12 0.01 0.00 | 2.29 -0.05 0.00 | 9.27 -0.15 0.00 | 7.14 -0.11 0.00 | 1.90 -0.03 0.00 | -3.29 0.08 0.00 | 9.27 -0.23 0.00 | 5.32 -0.11 0.00 | 13.94 -0.25 0.00 | 13.19 -0.23 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.65 -0.04 0.00 | 7.08 -0.09 0.00 | -3.01 0.04 0.00 | 6.88 -0.08 0.00 | 10.40 -0.12 0.00 | 11.39 -0.11 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 48.38 0.18 -44.64 | 32.29 0.83 -13.53 | 36.06 0.46 -26.09 | 63.18 0.31 -56.56 | 28.92 0.56 -16.49 | 98.42 -0.15 -102.00 | 51.83 -0.05 -53.02 | 61.25 0.10 -58.81 | 55.35 0.44 -45.50 | 52.16 0.35 -44.55 | 46.25 0.10 -44.23 | 75.64 -0.18 -79.18 | 56.36 0.49 -46.36 | 54.55 0.27 -48.85 | 26.03 0.68 -11.16 | 29.43 0.63 -15.38 | 75.68 0.16 -72.12 | 105.59 -0.22 -110.14 | 72.62 0.18 -68.76 | 51.83 0.35 -44.31 | 60.30 -0.15 -63.50 | 48.33 0.33 -41.04 | 35.73 0.49 -24.72 | 26.24 0.52 -14.22 |
| V_XM_10_SYNC_DSASP 323789 | 3.50 -0.06 0.00 | 17.86 -0.07 0.00 | 9.49 -0.02 0.00 | 6.30 -0.01 0.00 | 11.83 -0.05 0.00 | -3.42 0.01 0.00 | -1.12 0.01 0.00 | 2.29 -0.05 0.00 | 9.27 -0.15 0.00 | 7.14 -0.11 0.00 | 1.90 -0.03 0.00 | -3.29 0.08 0.00 | 9.27 -0.23 0.00 | 5.32 -0.11 0.00 | 13.94 -0.25 0.00 | 13.19 -0.23 0.00 | 3.33 -0.07 0.00 | -4.25 0.08 0.00 | 3.65 -0.04 0.00 | 7.08 -0.09 0.00 | -3.01 0.04 0.00 | 6.88 -0.08 0.00 | 10.40 -0.12 0.00 | 11.39 -0.11 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 35.87 0.25 -32.07 | 28.74 1.09 -9.72 | 28.84 0.58 -18.74 | 47.36 0.41 -40.64 | 24.43 0.71 -11.85 | 69.66 -0.18 -73.28 | 36.48 -0.07 -37.69 | 44.00 0.16 -41.50 | 42.15 0.63 -32.11 | 39.20 0.51 -31.44 | 33.28 0.14 -31.21 | 52.27 -0.24 -55.88 | 42.89 0.67 -32.71 | 40.31 0.40 -34.48 | 23.21 1.06 -7.95 | 25.46 0.99 -11.05 | 55.46 0.25 -51.81 | 74.48 -0.31 -79.12 | 53.34 0.26 -49.39 | 39.52 0.52 -31.83 | 42.34 -0.23 -45.62 | 36.94 0.50 -29.48 | 29.05 0.76 -17.76 | 22.55 0.84 -10.21 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.03 0.27 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.84 0.46 -42.07 | 24.93 0.79 -12.26 | 72.23 -0.19 -75.86 | 37.81 -0.07 -39.01 | 45.47 0.17 -42.97 | 43.31 0.66 -33.24 | 40.32 0.52 -32.55 | 34.39 0.15 -32.31 | 54.23 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.44 -35.69 | 23.60 1.17 -8.23 | 25.94 1.08 -11.44 | 57.31 0.27 -53.64 | 77.27 -0.31 -81.91 | 55.08 0.26 -51.13 | 40.64 0.52 -32.95 | 43.95 -0.23 -47.23 | 37.99 0.51 -30.52 | 29.72 0.81 -18.39 | 23.00 0.92 -10.57 |
| WADING RIVER_IC_1 23522 | 37.08 0.31 -33.21 | 29.29 1.30 -10.06 | 29.65 0.72 -19.41 | 48.91 0.52 -42.08 | 24.98 0.84 -12.26 | 72.29 -0.15 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.45 0.65 -32.56 | 34.43 0.19 -32.32 | 54.11 -0.39 -57.86 | 44.29 0.90 -33.88 | 41.62 0.49 -35.70 | 23.79 1.36 -8.23 | 26.24 1.38 -11.44 | 140.85 0.42 -137.03 | 77.24 -0.35 -81.93 | 55.16 0.32 -51.15 | 40.75 0.62 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 30.97 1.04 -19.40 | 23.32 1.24 -10.58 |
| WADING RIVER_IC_2 23547 | 37.08 0.31 -33.21 | 29.29 1.30 -10.06 | 29.65 0.72 -19.41 | 48.91 0.52 -42.08 | 24.98 0.84 -12.26 | 72.29 -0.15 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.45 0.65 -32.56 | 34.43 0.19 -32.32 | 54.11 -0.39 -57.86 | 44.29 0.90 -33.88 | 41.62 0.49 -35.70 | 23.79 1.36 -8.23 | 26.24 1.38 -11.44 | 140.85 0.42 -137.03 | 77.24 -0.35 -81.93 | 55.16 0.32 -51.15 | 40.75 0.62 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 30.97 1.04 -19.40 | 23.32 1.24 -10.58 |
| WADING RIVER_IC_3 23601 | 37.08 0.31 -33.21 | 29.29 1.30 -10.06 | 29.65 0.72 -19.41 | 48.91 0.52 -42.08 | 24.98 0.84 -12.26 | 72.29 -0.15 -75.87 | 37.79 -0.10 -39.02 | 45.54 0.23 -42.98 | 43.55 0.89 -33.24 | 40.45 0.65 -32.56 | 34.43 0.19 -32.32 | 54.11 -0.39 -57.86 | 44.29 0.90 -33.88 | 41.62 0.49 -35.70 | 23.79 1.36 -8.23 | 26.24 1.38 -11.44 | 140.85 0.42 -137.03 | 77.24 -0.35 -81.93 | 55.16 0.32 -51.15 | 40.75 0.62 -32.96 | 43.93 -0.26 -47.24 | 38.03 0.54 -30.53 | 30.97 1.04 -19.40 | 23.32 1.24 -10.58 |
| WALDEN___HYDRO 24148 | 36.49 0.24 -32.68 | 28.91 1.07 -9.91 | 29.19 0.57 -19.10 | 48.12 0.39 -41.41 | 24.64 0.69 -12.07 | 71.07 -0.18 -74.68 | 37.22 -0.07 -38.42 | 44.82 0.16 -42.32 | 42.76 0.61 -32.74 | 39.79 0.48 -32.06 | 33.89 0.13 -31.82 | 53.38 -0.23 -56.98 | 43.49 0.62 -33.36 | 40.97 0.38 -35.15 | 23.31 1.01 -8.11 | 25.63 0.95 -11.26 | 56.44 0.24 -52.81 | 76.01 -0.30 -80.64 | 54.28 0.25 -50.34 | 40.12 0.51 -32.44 | 43.22 -0.22 -46.49 | 37.50 0.49 -30.05 | 29.37 0.75 -18.10 | 22.73 0.81 -10.41 |
| WARRENSBURG____ 23737 | 51.04 0.27 -47.21 | 33.49 1.24 -14.31 | 37.82 0.71 -27.59 | 66.60 0.46 -59.82 | 30.15 0.84 -17.44 | 104.17 -0.27 -107.88 | 55.07 -0.09 -56.29 | 65.13 0.18 -62.61 | 58.64 0.79 -48.43 | 55.33 0.64 -47.43 | 49.19 0.17 -47.08 | 80.65 -0.28 -84.30 | 59.74 0.88 -49.35 | 57.89 0.45 -52.01 | 27.12 1.10 -11.82 | 30.81 1.13 -16.26 | 79.97 0.29 -76.28 | 111.78 -0.38 -116.48 | 76.74 0.33 -72.72 | 54.69 0.66 -46.86 | 63.85 -0.26 -67.16 | 50.98 0.61 -43.41 | 37.53 0.86 -26.15 | 27.39 0.85 -15.04 |
| WATERSIDE___6 8 9 23538 | 37.03 0.27 -33.20 | 29.21 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.94 0.80 -12.26 | 72.24 -0.19 -75.86 | 37.81 -0.07 -39.02 | 45.48 0.17 -42.97 | 43.31 0.65 -33.24 | 40.33 0.52 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.70 -33.87 | 41.56 0.43 -35.69 | 23.60 1.17 -8.23 | 25.93 1.08 -11.44 | 57.31 0.27 -53.64 | 77.28 -0.31 -81.91 | 55.09 0.26 -51.14 | 40.64 0.52 -32.95 | 43.96 -0.23 -47.23 | 38.00 0.51 -30.53 | 29.72 0.81 -18.39 | 23.00 0.93 -10.57 |
| WDELAWARE___HYD 323627 | 33.78 0.15 -30.07 | 27.67 0.62 -9.12 | 27.42 0.33 -17.58 | 44.66 0.23 -38.11 | 23.37 0.39 -11.11 | 65.19 -0.10 -68.72 | 34.18 -0.04 -35.35 | 41.38 0.10 -38.94 | 39.91 0.38 -30.12 | 37.04 0.29 -29.49 | 31.29 0.08 -29.28 | 48.80 -0.25 -52.42 | 40.28 0.08 -30.69 | 37.84 0.06 -32.34 | 21.83 0.17 -7.46 | 23.95 0.17 -10.36 | 52.04 0.05 -48.59 | 69.82 -0.06 -74.21 | 50.07 0.06 -46.33 | 37.16 0.14 -29.85 | 39.59 -0.15 -42.78 | 34.93 0.32 -27.65 | 27.66 0.48 -16.66 | 21.60 0.51 -9.58 |
| WEST BABYLON___IC 23714 | 37.13 0.37 -33.21 | 29.59 1.60 -10.06 | 29.80 0.88 -19.41 | 49.01 0.62 -42.08 | 25.17 1.03 -12.26 | 72.23 -0.21 -75.87 | 37.79 -0.10 -39.02 | 45.55 0.24 -42.98 | 43.60 0.94 -33.24 | 40.50 0.70 -32.56 | 34.44 0.19 -32.32 | 54.12 -0.37 -57.86 | 44.30 0.91 -33.88 | 41.68 0.55 -35.70 | 23.91 1.48 -8.23 | 26.27 1.42 -11.44 | 68.17 0.40 -64.37 | 77.22 -0.38 -81.93 | 55.17 0.34 -51.15 | 40.79 0.66 -32.96 | 43.91 -0.28 -47.24 | 38.10 0.62 -30.53 | 31.06 1.09 -19.45 | 23.29 1.21 -10.58 |
| WEST CANADA___HYD 24049 | 2.72 0.01 0.85 | 17.71 0.04 0.26 | 9.04 0.02 0.49 | 5.24 0.01 1.07 | 11.58 0.02 0.31 | -5.38 -0.01 1.94 | -2.10 0.00 0.96 | 1.31 0.01 1.03 | 8.66 0.05 0.80 | 6.51 0.04 0.78 | 1.16 0.01 0.78 | -4.78 -0.02 1.39 | 8.75 0.05 0.81 | 4.60 0.03 0.86 | 14.06 0.07 0.20 | 13.19 0.06 0.29 | 2.04 0.02 1.37 | -6.44 -0.02 2.09 | 2.40 0.01 1.31 | 6.36 0.03 0.84 | -4.27 -0.02 1.21 | 6.21 0.03 0.78 | 10.09 0.04 0.47 | 11.27 0.03 0.27 |
| WESTERN_NY_WIND 24143 | 8.42 0.03 -4.83 | 19.30 -0.10 -1.46 | 12.28 -0.06 -2.82 | 12.36 -0.07 -6.12 | 13.62 -0.04 -1.79 | 7.54 -0.07 -11.04 | 4.52 -0.03 -5.68 | 8.68 0.08 -6.26 | 14.63 0.37 -4.84 | 12.25 0.26 -4.74 | 6.68 0.05 -4.71 | 4.90 -0.17 -8.43 | 14.85 0.41 -4.93 | 10.79 0.15 -5.20 | 15.76 0.36 -1.20 | 15.37 0.29 -1.66 | 11.28 0.08 -7.80 | 7.46 -0.13 -11.92 | 11.17 0.03 -7.44 | 12.09 0.13 -4.79 | 3.72 -0.10 -6.87 | 11.52 0.12 -4.44 | 13.36 0.16 -2.68 | 13.14 0.10 -1.54 |
| WESTOVER___LESR 323668 | 14.09 0.15 -10.38 | 21.77 0.69 -3.15 | 15.91 0.33 -6.07 | 19.65 0.18 -13.16 | 16.17 0.45 -3.84 | 20.17 -0.12 -23.73 | 11.04 -0.05 -12.21 | 15.90 0.10 -13.46 | 20.29 0.46 -10.41 | 17.81 0.36 -10.20 | 12.15 0.10 -10.12 | 14.59 -0.17 -18.12 | 20.60 0.48 -10.61 | 16.87 0.25 -11.18 | 17.44 0.67 -2.58 | 17.61 0.62 -3.58 | 20.34 0.16 -16.78 | 21.09 -0.20 -25.62 | 19.83 0.15 -15.99 | 17.78 0.30 -10.30 | 11.61 -0.11 -14.77 | 16.81 0.31 -9.55 | 16.73 0.46 -5.75 | 15.31 0.50 -3.31 |

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| WETHRSFD_WT_PWR 323626 | 9.87 0.05 -6.26 | 19.92 0.09 -1.90 | 13.21 0.04 -3.66 | 14.24 -0.01 -7.93 | 14.30 0.11 -2.31 | 10.78 -0.09 -14.30 | 6.20 -0.03 -7.36 | 10.52 0.07 -8.11 | 16.09 0.40 -6.28 | 13.70 0.30 -6.15 | 8.09 0.07 -6.10 | 7.38 -0.17 -10.92 | 16.37 0.47 -6.40 | 12.37 0.20 -6.74 | 16.20 0.45 -1.55 | 15.94 0.36 -2.16 | 13.61 0.10 -10.11 | 10.98 -0.14 -15.45 | 13.39 0.06 -9.64 | 13.55 0.16 -6.21 | 5.76 -0.10 -8.90 | 12.86 0.15 -5.75 | 14.20 0.21 -3.47 | 13.67 0.17 -1.99 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 35.90 0.23 -32.10 | 28.67 1.01 -9.73 | 28.82 0.54 -18.77 | 47.37 0.38 -40.68 | 24.39 0.66 -11.86 | 69.76 -0.17 -73.36 | 36.53 -0.06 -37.73 | 44.04 0.15 -41.55 | 42.14 0.58 -32.14 | 39.19 0.47 -31.47 | 33.30 0.13 -31.25 | 52.35 -0.22 -55.94 | 42.87 0.61 -32.75 | 40.32 0.37 -34.52 | 23.14 0.99 -7.96 | 25.40 0.92 -11.06 | 55.50 0.24 -51.87 | 74.60 -0.28 -79.21 | 53.38 0.24 -49.45 | 39.51 0.48 -31.87 | 42.41 -0.21 -45.67 | 36.94 0.46 -29.52 | 29.01 0.71 -17.78 | 22.50 0.78 -10.23 |
| YORK___WARBASSE 23770 | 37.04 0.28 -33.20 | 29.20 1.21 -10.06 | 29.58 0.66 -19.40 | 48.85 0.47 -42.07 | 24.95 0.81 -12.26 | 72.25 -0.19 -75.86 | 37.81 -0.08 -39.02 | 45.47 0.17 -42.97 | 43.32 0.66 -33.24 | 40.33 0.53 -32.55 | 34.39 0.15 -32.31 | 54.24 -0.25 -57.85 | 44.07 0.69 -33.87 | 41.57 0.44 -35.69 | 23.62 1.19 -8.23 | 25.96 1.10 -11.44 | 57.31 0.28 -53.64 | 77.27 -0.32 -81.91 | 55.09 0.26 -51.14 | 40.65 0.53 -32.95 | 43.95 -0.23 -47.23 | 38.01 0.52 -30.53 | 29.74 0.83 -18.39 | 23.02 0.95 -10.57 |