

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/16/2023

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 54.88 | 52.43 | 38.75 | 37.36 | 35.69 | 40.61 | 55.28 | 54.46 | 51.29 | 48.65 | 46.12 | 49.56 | 40.87 | 39.37 | 40.13 | 49.94 | 48.93 | 53.29 | 53.27 | 53.87 | 52.22 | 38.47 | 38.02 | 40.62 |
| 24138 | 2.73 | 2.27 | 1.90 | 1.76 | 1.67 | 2.26 | 3.16 | 2.97 | 3.11 | 4.23 | 3.67 | 2.53 | 2.89 | 2.45 | 2.41 | 1.98 | 1.59 | 2.82 | 2.37 | 2.17 | 2.82 | 2.72 | 2.93 | 2.36 |
| | -22.29 | -24.96 | -16.33 | -16.51 | -15.64 | -13.99 | -19.54 | -21.96 | -17.22 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.39 | -27.03 | -30.20 | -20.24 | -25.39 | -28.46 | -19.76 | -7.90 | -5.24 | -10.89 |
| 74TH STREET_GT_1 | 54.88 | 52.43 | 38.73 | 37.34 | 35.66 | 40.56 | 55.21 | 54.41 | 51.29 | 48.81 | 46.25 | 49.65 | 40.97 | 39.47 | 40.22 | 50.02 | 49.01 | 53.42 | 53.39 | 53.97 | 52.34 | 38.59 | 38.12 | 40.72 |
| 24260 | 2.72 | 2.27 | 1.87 | 1.73 | 1.64 | 2.21 | 3.09 | 2.91 | 3.11 | 4.38 | 3.79 | 2.61 | 2.99 | 2.55 | 2.50 | 2.05 | 1.67 | 2.94 | 2.48 | 2.27 | 2.94 | 2.83 | 3.03 | 2.46 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| 74TH STREET_GT_2 | 54.88 | 52.43 | 38.73 | 37.34 | 35.66 | 40.56 | 55.21 | 54.41 | 51.29 | 48.81 | 46.25 | 49.65 | 40.97 | 39.47 | 40.22 | 50.02 | 49.01 | 53.42 | 53.39 | 53.97 | 52.34 | 38.59 | 38.12 | 40.72 |
| 24261 | 2.72 | 2.27 | 1.87 | 1.73 | 1.64 | 2.21 | 3.09 | 2.91 | 3.11 | 4.38 | 3.79 | 2.61 | 2.99 | 2.55 | 2.50 | 2.05 | 1.67 | 2.94 | 2.48 | 2.27 | 2.94 | 2.83 | 3.03 | 2.46 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ADK HUDSON___FALLS | 65.08 | 63.85 | 46.14 | 44.88 | 42.82 | 47.13 | 64.38 | 64.59 | 59.35 | 50.05 | 49.25 | 59.77 | 45.05 | 45.07 | 46.45 | 62.64 | 90.43 | 100.16 | 105.87 | 95.76 | 101.49 | 58.15 | 51.06 | 45.89 |
| 24011 | 2.76 | 2.31 | 1.84 | 1.74 | 1.66 | 2.40 | 3.34 | 3.07 | 3.27 | 4.49 | 3.81 | 2.62 | 3.06 | 2.59 | 2.56 | 2.23 | 1.85 | 3.33 | 2.81 | 2.54 | 3.21 | 2.87 | 3.01 | 2.61 |
| | -32.46 | -36.34 | -23.79 | -24.05 | -22.78 | -20.38 | -28.45 | -31.98 | -25.13 | -3.24 | -9.56 | -32.29 | -12.82 | -17.69 | -19.56 | -39.48 | -71.45 | -66.60 | -77.54 | -69.99 | -68.64 | -27.43 | -18.21 | -15.91 |
| ADK RESOURCE___RCVRY | 65.27 | 64.01 | 46.26 | 45.00 | 42.92 | 47.36 | 64.73 | 64.90 | 59.70 | 50.51 | 49.66 | 60.06 | 45.39 | 45.35 | 46.73 | 62.91 | 90.84 | 100.76 | 106.45 | 96.23 | 102.05 | 58.49 | 51.38 | 46.15 |
| 23798 | 2.91 | 2.42 | 1.93 | 1.82 | 1.74 | 2.61 | 3.67 | 3.36 | 3.58 | 4.95 | 4.21 | 2.89 | 3.38 | 2.84 | 2.83 | 2.46 | 2.04 | 3.67 | 3.11 | 2.79 | 3.50 | 3.10 | 3.25 | 2.85 |
| | -32.49 | -36.38 | -23.81 | -24.07 | -22.80 | -20.40 | -28.48 | -32.01 | -25.16 | -3.25 | -9.57 | -32.32 | -12.83 | -17.71 | -19.58 | -39.53 | -71.66 | -66.85 | -77.82 | -70.20 | -68.91 | -27.53 | -18.28 | -15.93 |
| ADK S GLENS___FALLS | 65.08 | 63.85 | 46.14 | 44.88 | 42.82 | 47.13 | 64.38 | 64.59 | 59.35 | 50.05 | 49.25 | 59.77 | 45.05 | 45.07 | 46.45 | 62.64 | 90.43 | 100.16 | 105.87 | 95.76 | 101.49 | 58.15 | 51.06 | 45.89 |
| 24028 | 2.76 | 2.31 | 1.84 | 1.74 | 1.66 | 2.40 | 3.34 | 3.07 | 3.27 | 4.49 | 3.81 | 2.62 | 3.06 | 2.59 | 2.56 | 2.23 | 1.85 | 3.33 | 2.81 | 2.54 | 3.21 | 2.87 | 3.01 | 2.61 |
| | -32.46 | -36.34 | -23.79 | -24.05 | -22.78 | -20.38 | -28.45 | -31.98 | -25.13 | -3.24 | -9.56 | -32.29 | -12.82 | -17.69 | -19.56 | -39.48 | -71.45 | -66.60 | -77.54 | -69.99 | -68.64 | -27.43 | -18.21 | -15.91 |
| ADK_NYS___DAM | 63.32 | 61.96 | 44.91 | 43.63 | 41.57 | 45.71 | 62.27 | 62.30 | 57.38 | 48.95 | 48.02 | 57.62 | 43.89 | 43.74 | 45.00 | 60.09 | 78.90 | 85.86 | 90.25 | 83.83 | 86.59 | 51.99 | 46.87 | 44.67 |
| 23527 | 2.69 | 2.31 | 1.85 | 1.74 | 1.60 | 2.04 | 2.72 | 2.46 | 2.62 | 3.61 | 3.08 | 2.16 | 2.57 | 2.18 | 2.13 | 1.75 | 1.32 | 2.34 | 1.98 | 1.81 | 2.45 | 2.37 | 2.56 | 2.22 |
| | -30.76 | -34.45 | -22.55 | -22.79 | -21.59 | -19.32 | -26.97 | -30.31 | -23.81 | -3.03 | -9.06 | -30.61 | -12.15 | -16.76 | -18.53 | -37.41 | -60.45 | -53.29 | -62.74 | -58.78 | -54.50 | -21.77 | -14.46 | -15.08 |
| AIR_PRODUCTS___DRP | 61.69 | 60.51 | 43.84 | 42.65 | 40.76 | 44.64 | 60.67 | 60.83 | 55.86 | 46.99 | 46.43 | 56.31 | 42.57 | 42.60 | 43.81 | 59.02 | 71.54 | 75.70 | 79.40 | 75.95 | 75.67 | 46.95 | 43.08 | 43.50 |
| 24190 | 1.19 | 1.00 | 0.87 | 0.85 | 0.89 | 1.06 | 1.23 | 1.11 | 1.19 | 1.70 | 1.52 | 0.98 | 1.30 | 1.11 | 1.03 | 0.84 | 0.68 | 1.18 | 0.98 | 0.91 | 1.19 | 1.18 | 1.34 | 1.12 |
| | -30.64 | -34.30 | -22.45 | -22.70 | -21.50 | -19.24 | -26.86 | -30.18 | -23.71 | -2.97 | -9.02 | -30.48 | -12.10 | -16.69 | -18.46 | -37.25 | -53.73 | -44.29 | -52.90 | -51.81 | -44.85 | -17.92 | -11.90 | -15.01 |
| ALBANY___1 | 61.69 | 60.51 | 43.84 | 42.65 | 40.76 | 44.64 | 60.67 | 60.83 | 55.86 | 46.99 | 46.43 | 56.31 | 42.57 | 42.60 | 43.81 | 59.02 | 71.54 | 75.70 | 79.40 | 75.95 | 75.67 | 46.95 | 43.08 | 43.50 |
| 23571 | 1.19 | 1.00 | 0.87 | 0.85 | 0.89 | 1.06 | 1.23 | 1.11 | 1.19 | 1.70 | 1.52 | 0.98 | 1.30 | 1.11 | 1.03 | 0.84 | 0.68 | 1.18 | 0.98 | 0.91 | 1.19 | 1.18 | 1.34 | 1.12 |
| | -30.64 | -34.30 | -22.45 | -22.70 | -21.50 | -19.24 | -26.86 | -30.18 | -23.71 | -2.97 | -9.02 | -30.48 | -12.10 | -16.69 | -18.46 | -37.25 | -53.73 | -44.29 | -52.90 | -51.81 | -44.85 | -17.92 | -11.90 | -15.01 |
| ALBANY___2 | 61.69 | 60.51 | 43.84 | 42.65 | 40.76 | 44.64 | 60.67 | 60.83 | 55.86 | 46.99 | 46.43 | 56.31 | 42.57 | 42.60 | 43.81 | 59.02 | 71.54 | 75.70 | 79.40 | 75.95 | 75.67 | 46.95 | 43.08 | 43.50 |
| 23572 | 1.19 | 1.00 | 0.87 | 0.85 | 0.89 | 1.06 | 1.23 | 1.11 | 1.19 | 1.70 | 1.52 | 0.98 | 1.30 | 1.11 | 1.03 | 0.84 | 0.68 | 1.18 | 0.98 | 0.91 | 1.19 | 1.18 | 1.34 | 1.12 |
| | -30.64 | -34.30 | -22.45 | -22.70 | -21.50 | -19.24 | -26.86 | -30.18 | -23.71 | -2.97 | -9.02 | -30.48 | -12.10 | -16.69 | -18.46 | -37.25 | -53.73 | -44.29 | -52.90 | -51.81 | -44.85 | -17.92 | -11.90 | -15.01 |
| ALBANY___3 | 61.69 | 60.51 | 43.84 | 42.65 | 40.76 | 44.64 | 60.67 | 60.83 | 55.86 | 46.99 | 46.43 | 56.31 | 42.57 | 42.60 | 43.81 | 59.02 | 71.54 | 75.70 | 79.40 | 75.95 | 75.67 | 46.95 | 43.08 | 43.50 |
| 23573 | 1.19 | 1.00 | 0.87 | 0.85 | 0.89 | 1.06 | 1.23 | 1.11 | 1.19 | 1.70 | 1.52 | 0.98 | 1.30 | 1.11 | 1.03 | 0.84 | 0.68 | 1.18 | 0.98 | 0.91 | 1.19 | 1.18 | 1.34 | 1.12 |
| | -30.64 | -34.30 | -22.45 | -22.70 | -21.50 | -19.24 | -26.86 | -30.18 | -23.71 | -2.97 | -9.02 | -30.48 | -12.10 | -16.69 | -18.46 | -37.25 | -53.73 | -44.29 | -52.90 | -51.81 | -44.85 | -17.92 | -11.90 | -15.01 |
| ALBANY___4 | 61.69 | 60.51 | 43.84 | 42.65 | 40.76 | 44.64 | 60.67 | 60.83 | 55.86 | 46.99 | 46.43 | 56.31 | 42.57 | 42.60 | 43.81 | 59.02 | 71.54 | 75.70 | 79.40 | 75.95 | 75.67 | 46.95 | 43.08 | 43.50 |
| 23574 | 1.19 | 1.00 | 0.87 | 0.85 | 0.89 | 1.06 | 1.23 | 1.11 | 1.19 | 1.70 | 1.52 | 0.98 | 1.30 | 1.11 | 1.03 | 0.84 | 0.68 | 1.18 | 0.98 | 0.91 | 1.19 | 1.18 | 1.34 | 1.12 |
| | -30.64 | -34.30 | -22.45 | -22.70 | -21.50 | -19.24 | -26.86 | -30.18 | -23.71 | -2.97 | -9.02 | -30.48 | -12.10 | -16.69 | -18.46 | -37.25 | -53.73 | -44.29 | -52.90 | -51.81 | -44.85 | -17.92 | -11.90 | -15.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 62.56 1.51 -31.18 | 61.39 1.27 -34.92 | 44.44 1.08 -22.86 | 43.24 1.04 -23.10 | 41.31 1.05 -21.89 | 45.22 1.29 -19.58 | 61.52 1.60 -27.33 | 61.72 1.46 -30.73 | 56.65 1.55 -24.14 | 47.54 2.17 -3.05 | 46.99 1.92 -9.18 | 57.13 1.25 -31.02 | 43.10 1.61 -12.32 | 43.16 1.37 -16.99 | 44.42 1.30 -18.79 | 59.94 1.08 -37.92 | 77.02 0.88 -59.01 | 82.70 1.53 -50.93 | 87.05 1.29 -60.24 | 81.65 1.19 -57.23 | 83.11 1.54 -51.94 | 50.09 1.49 -20.75 | 45.26 1.64 -13.78 | 44.03 1.38 -15.28 |
| ALCOA_RYNLDS___DRP 24188 | 28.75 -1.12 0.00 | 24.26 -0.95 0.00 | 19.70 -0.81 0.00 | 18.30 -0.80 0.00 | 17.62 -0.75 0.00 | 23.38 -0.96 0.00 | 31.40 -1.18 0.00 | 28.57 -0.96 0.00 | 30.06 -0.90 0.00 | 41.06 -1.26 0.00 | 34.69 -1.19 0.00 | 24.02 -0.83 0.00 | 28.26 -0.91 0.00 | 24.00 -0.79 0.00 | 23.63 -0.69 0.00 | 20.32 -0.61 0.00 | 16.63 -0.50 0.00 | 29.37 -0.86 0.00 | 24.80 -0.72 0.00 | 22.51 -0.72 0.00 | 28.64 -0.99 0.00 | 26.92 -0.93 0.00 | 29.00 -0.85 0.00 | 26.50 -0.86 0.00 |
| ALCOA___DSASP 323711 | 28.75 -1.12 0.00 | 24.26 -0.95 0.00 | 19.70 -0.81 0.00 | 18.30 -0.80 0.00 | 17.62 -0.75 0.00 | 23.38 -0.96 0.00 | 31.40 -1.18 0.00 | 28.57 -0.96 0.00 | 30.06 -0.90 0.00 | 41.06 -1.26 0.00 | 34.69 -1.19 0.00 | 24.02 -0.83 0.00 | 28.26 -0.91 0.00 | 24.00 -0.79 0.00 | 23.63 -0.69 0.00 | 20.32 -0.61 0.00 | 16.63 -0.50 0.00 | 29.37 -0.86 0.00 | 24.80 -0.72 0.00 | 22.51 -0.72 0.00 | 28.64 -0.99 0.00 | 26.92 -0.93 0.00 | 29.00 -0.85 0.00 | 26.50 -0.86 0.00 |
| ALLEGHENY___COGEN 23514 | 35.19 1.63 -3.70 | 30.48 1.14 -4.14 | 24.09 0.86 -2.71 | 22.81 0.97 -2.74 | 21.91 0.94 -2.60 | 28.25 1.59 -2.31 | 38.04 3.20 -2.26 | 34.75 2.68 -2.54 | 35.20 2.47 -1.78 | 44.68 2.13 -0.24 | 37.63 1.01 -0.74 | 27.78 0.43 -2.50 | 30.59 0.42 -0.99 | 26.48 0.29 -1.40 | 26.06 0.11 -1.63 | 25.42 0.02 -4.47 | 23.82 0.34 -6.35 | 34.88 1.32 -3.33 | 35.24 1.23 -8.50 | 29.74 1.17 -5.34 | 34.40 1.52 -3.24 | 30.44 1.29 -1.29 | 31.85 1.14 -0.86 | 30.19 0.97 -1.85 |
| ALTONA_WT_PWR 323606 | 29.80 -0.06 0.00 | 25.13 -0.08 0.00 | 20.38 -0.13 0.00 | 18.96 -0.13 0.00 | 18.27 -0.11 0.00 | 24.33 -0.02 0.00 | 32.74 0.15 0.00 | 29.60 0.06 0.00 | 31.12 0.17 0.00 | 42.56 0.24 0.00 | 36.04 0.16 0.00 | 24.98 0.12 0.00 | 29.33 0.16 0.00 | 24.82 0.03 0.00 | 24.37 0.04 0.00 | 20.97 0.04 0.00 | 17.13 -0.01 0.00 | 30.28 0.04 0.00 | 25.61 0.09 0.00 | 23.19 -0.05 0.00 | 29.52 -0.11 0.00 | 27.65 -0.20 0.00 | 29.49 -0.36 0.00 | 27.09 -0.27 0.00 |
| AMERICAN_REF_FUEL 24010 | 31.99 -1.24 -3.37 | 27.64 -1.34 -3.77 | 21.85 -1.13 -2.47 | 20.74 -0.86 -2.50 | 19.88 -0.86 -2.36 | 25.52 -0.94 -2.12 | 33.82 -1.73 -2.96 | 30.93 -1.93 -3.33 | 30.43 -2.54 -2.02 | 39.48 -3.14 -0.31 | 34.58 -2.26 -0.96 | 26.24 -1.87 -3.25 | 28.18 -2.29 -1.29 | 24.66 -1.96 -1.82 | 24.29 -2.06 -2.02 | 23.11 -1.90 -4.08 | 19.48 -1.74 -4.10 | 30.36 -2.77 -2.90 | 25.75 -2.29 -2.53 | 25.21 -2.04 -4.02 | 30.08 -2.37 -2.81 | 26.77 -2.21 -1.13 | 28.18 -2.41 -0.75 | 26.77 -2.24 -1.64 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 34.09 0.45 -3.78 | 29.56 0.12 -4.23 | 23.58 0.30 -2.77 | 22.47 0.57 -2.80 | 21.52 0.49 -2.65 | 27.50 0.78 -2.38 | 36.79 0.86 -3.35 | 33.97 0.69 -3.74 | 33.55 0.24 -2.36 | 43.43 0.77 -0.35 | 37.99 1.02 -1.08 | 28.99 0.50 -3.64 | 31.06 0.45 -1.45 | 27.22 0.39 -2.03 | 26.86 0.28 -2.26 | 25.59 0.13 -4.53 | 21.60 -0.13 -4.61 | 33.57 0.06 -3.27 | 28.46 0.01 -2.93 | 27.60 -0.15 -4.51 | 32.77 -0.05 -3.18 | 28.72 -0.40 -1.27 | 29.81 -0.88 -0.84 | 28.54 -0.65 -1.82 |
| ARTHUR_KILL_GT_1 23520 | 54.68 2.53 -22.29 | 52.33 2.17 -24.96 | 38.62 1.77 -16.34 | 37.19 1.58 -16.52 | 35.49 1.47 -15.65 | 40.29 1.94 -14.00 | 54.83 2.70 -19.54 | 54.04 2.55 -21.96 | 50.99 2.81 -17.23 | 48.31 3.89 -2.11 | 45.84 3.39 -6.57 | 49.35 2.32 -22.17 | 40.64 2.67 -8.80 | 39.19 2.28 -12.11 | 39.94 2.23 -13.39 | 49.77 1.80 -27.04 | 48.83 1.49 -30.21 | 53.18 2.71 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.28 2.88 -19.77 | 38.52 2.77 -7.90 | 37.99 2.91 -5.24 | 40.60 2.34 -10.90 |
| ARTHUR_KILL_2 23512 | 54.60 2.45 -22.29 | 52.26 2.10 -24.96 | 38.57 1.72 -16.34 | 37.14 1.53 -16.52 | 35.44 1.42 -15.65 | 40.22 1.87 -14.00 | 54.73 2.61 -19.54 | 53.95 2.46 -21.96 | 50.90 2.72 -17.23 | 48.20 3.78 -2.11 | 45.75 3.30 -6.57 | 49.29 2.26 -22.17 | 40.57 2.60 -8.80 | 39.13 2.22 -12.11 | 39.87 2.16 -13.39 | 49.71 1.74 -27.04 | 48.78 1.44 -30.21 | 53.09 2.61 -20.24 | 53.21 2.30 -25.39 | 53.82 2.12 -28.47 | 52.19 2.79 -19.77 | 38.44 2.69 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| ARTHUR_KILL_3 23513 | 54.46 2.30 -22.29 | 52.12 1.95 -24.96 | 38.48 1.62 -16.34 | 37.11 1.50 -16.52 | 35.45 1.43 -15.64 | 40.24 1.90 -14.00 | 54.76 2.63 -19.54 | 54.00 2.50 -21.96 | 50.91 2.73 -17.23 | 48.31 3.89 -2.11 | 45.84 3.39 -6.57 | 49.34 2.31 -22.18 | 40.59 2.61 -8.81 | 39.14 2.23 -12.12 | 39.92 2.20 -13.40 | 49.77 1.80 -27.04 | 48.79 1.45 -30.21 | 53.02 2.55 -20.24 | 53.03 2.12 -25.39 | 53.66 1.95 -28.47 | 51.97 2.56 -19.77 | 38.24 2.49 -7.90 | 37.77 2.68 -5.24 | 40.40 2.13 -10.90 |
| ARTHUR_KILL_COGEN 323718 | 54.68 2.53 -22.29 | 52.33 2.17 -24.96 | 38.62 1.77 -16.34 | 37.19 1.58 -16.52 | 35.49 1.47 -15.65 | 40.29 1.94 -14.00 | 54.83 2.70 -19.54 | 54.04 2.55 -21.96 | 50.99 2.81 -17.23 | 48.31 3.89 -2.11 | 45.84 3.39 -6.57 | 49.35 2.32 -22.17 | 40.64 2.67 -8.80 | 39.19 2.28 -12.11 | 39.94 2.23 -13.39 | 49.77 1.80 -27.04 | 48.83 1.49 -30.21 | 53.18 2.71 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.28 2.88 -19.77 | 38.52 2.77 -7.90 | 37.99 2.91 -5.24 | 40.60 2.34 -10.90 |
| ASHOKAN____ 23654 | 57.79 1.58 -26.35 | 56.00 1.29 -29.51 | 40.89 1.06 -19.31 | 39.62 1.00 -19.52 | 37.84 0.97 -18.49 | 42.19 1.29 -16.55 | 57.45 1.77 -23.10 | 57.21 1.72 -25.96 | 53.20 1.90 -20.35 | 47.64 2.80 -2.52 | 45.72 2.08 -7.76 | 52.37 1.30 -26.22 | 41.03 1.45 -10.41 | 40.35 1.24 -14.32 | 41.38 1.23 -15.82 | 53.93 1.06 -31.93 | 58.88 1.00 -40.74 | 62.85 1.85 -30.77 | 64.58 1.58 -37.49 | 63.55 1.42 -38.89 | 62.21 1.85 -30.72 | 41.80 1.68 -12.27 | 39.78 1.79 -8.15 | 41.62 1.38 -12.87 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 54.79 2.63 -22.29 | 52.34 2.18 -24.96 | 38.65 1.79 -16.34 | 37.26 1.65 -16.52 | 35.58 1.55 -15.65 | 40.44 2.09 -14.00 | 55.05 2.93 -19.54 | 54.27 2.77 -21.96 | 51.14 2.96 -17.23 | 48.54 4.11 -2.11 | 46.12 3.66 -6.57 | 49.53 2.49 -22.18 | 40.82 2.84 -8.81 | 39.38 2.46 -12.12 | 40.11 2.39 -13.40 | 49.91 1.94 -27.04 | 48.90 1.55 -30.21 | 53.23 2.75 -20.24 | 53.24 2.33 -25.39 | 53.88 2.17 -28.47 | 52.21 2.81 -19.77 | 38.45 2.70 -7.90 | 38.00 2.92 -5.24 | 40.58 2.32 -10.90 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.12 3.66 -6.57 | 49.53 2.49 -22.18 | 40.82 2.84 -8.81 | 39.37 2.45 -12.12 | 40.11 2.39 -13.40 | 49.91 1.94 -27.04 | 48.90 1.56 -30.21 | 53.23 2.76 -20.24 | 53.24 2.33 -25.39 | 53.88 2.17 -28.47 | 52.21 2.81 -19.77 | 38.45 2.70 -7.90 | 38.01 2.92 -5.24 | 40.59 2.32 -10.90 |
| ASTORIA_GT2_I 24094 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| ASTORIA_GT2_2 24095 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT2_3 24096 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT2_4 24097 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT3_1 24098 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT3_2 24099 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT3_3 24100 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT3_4 24101 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT4_1 24102 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT4_2 24103 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT4_3 24104 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT4_4 24105 | 54.80 2.64 -22.29 | 52.35 2.19 -24.96 | 38.65 1.80 -16.34 | 37.27 1.66 -16.52 | 35.59 1.57 -15.65 | 40.45 2.10 -14.00 | 55.07 2.94 -19.54 | 54.29 2.79 -21.96 | 51.16 2.98 -17.23 | 48.55 4.13 -2.11 | 46.13 3.68 -6.57 | 49.55 2.51 -22.18 | 40.83 2.85 -8.81 | 39.38 2.46 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.24 2.77 -20.24 | 53.26 2.35 -25.39 | 53.89 2.18 -28.47 | 52.22 2.82 -19.77 | 38.46 2.72 -7.90 | 38.02 2.93 -5.24 | 40.59 2.33 -10.90 |
| ASTORIA_GT_1 23523 | 54.86 2.70 -22.29 | 52.40 2.23 -24.96 | 38.69 1.84 -16.34 | 37.30 1.69 -16.52 | 35.61 1.60 -15.65 | 40.49 2.14 -14.00 | 55.12 2.99 -19.54 | 54.34 2.85 -21.96 | 51.22 3.04 -17.23 | 48.64 4.22 -2.11 | 46.20 3.75 -6.57 | 49.60 2.56 -22.18 | 40.89 2.91 -8.81 | 39.43 2.51 -12.12 | 40.16 2.44 -13.40 | 49.96 1.98 -27.04 | 48.94 1.60 -30.21 | 53.31 2.83 -20.24 | 53.31 2.40 -25.39 | 53.94 2.23 -28.47 | 52.29 2.88 -19.77 | 38.52 2.77 -7.90 | 38.08 2.99 -5.24 | 40.65 2.38 -10.90 |
| ASTORIA_GT_10 24110 | 54.67 2.52 -22.29 | 52.25 2.08 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.07 2.90 -17.23 | 48.54 4.11 -2.11 | 46.05 3.60 -6.57 | 49.50 2.46 -22.18 | 40.80 2.82 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.86 1.89 -27.04 | 48.88 1.54 -30.21 | 53.20 2.73 -20.24 | 53.22 2.30 -25.39 | 53.82 2.12 -28.47 | 52.16 2.75 -19.77 | 38.45 2.70 -7.90 | 38.00 2.91 -5.24 | 40.60 2.33 -10.90 |
| ASTORIA_GT_11 24225 | 54.67 2.52 -22.29 | 52.25 2.08 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.07 2.90 -17.23 | 48.54 4.11 -2.11 | 46.05 3.60 -6.57 | 49.50 2.46 -22.18 | 40.80 2.82 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.86 1.89 -27.04 | 48.88 1.54 -30.21 | 53.20 2.73 -20.24 | 53.22 2.30 -25.39 | 53.82 2.12 -28.47 | 52.16 2.75 -19.77 | 38.45 2.70 -7.90 | 38.00 2.91 -5.24 | 40.60 2.33 -10.90 |
| ASTORIA_GT_12 24226 | 54.67 2.52 -22.29 | 52.25 2.08 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.07 2.90 -17.23 | 48.54 4.11 -2.11 | 46.05 3.60 -6.57 | 49.50 2.46 -22.18 | 40.80 2.82 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.86 1.89 -27.04 | 48.88 1.54 -30.21 | 53.20 2.73 -20.24 | 53.22 2.30 -25.39 | 53.82 2.12 -28.47 | 52.16 2.75 -19.77 | 38.45 2.70 -7.90 | 38.00 2.91 -5.24 | 40.60 2.33 -10.90 |

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|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-------|-------|--------|
| ASTORIA_GT_13 24227 | 54.67 | 52.25 | 38.60 | 37.22 | 35.54 | 40.39 | 54.96 | 54.18 | 51.07 | 48.54 | 46.05 | 49.50 | 40.80 | 39.33 | 40.08 | 49.86 | 48.88 | 53.20 | 53.22 | 53.82 | 52.16 | 38.45 | 38.00 | 40.60 |
| | 2.52 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.84 | 2.68 | 2.90 | 4.11 | 3.60 | 2.46 | 2.82 | 2.41 | 2.35 | 1.89 | 1.54 | 2.73 | 2.30 | 2.12 | 2.75 | 2.70 | 2.91 | 2.33 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA_GT_5 24106 | 54.86 | 52.40 | 38.69 | 37.30 | 35.61 | 40.49 | 55.12 | 54.34 | 51.22 | 48.64 | 46.20 | 49.60 | 40.89 | 39.43 | 40.16 | 49.96 | 48.94 | 53.31 | 53.31 | 53.94 | 52.29 | 38.52 | 38.08 | 40.65 |
| | 2.70 | 2.23 | 1.84 | 1.69 | 1.60 | 2.14 | 2.99 | 2.85 | 3.04 | 4.22 | 3.75 | 2.56 | 2.91 | 2.51 | 2.44 | 1.98 | 1.60 | 2.83 | 2.40 | 2.23 | 2.88 | 2.77 | 2.99 | 2.38 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA_GT_7 24107 | 54.86 | 52.40 | 38.69 | 37.30 | 35.61 | 40.49 | 55.12 | 54.34 | 51.22 | 48.64 | 46.20 | 49.60 | 40.89 | 39.43 | 40.16 | 49.96 | 48.94 | 53.31 | 53.31 | 53.94 | 52.29 | 38.52 | 38.08 | 40.65 |
| | 2.70 | 2.23 | 1.84 | 1.69 | 1.60 | 2.14 | 2.99 | 2.85 | 3.04 | 4.22 | 3.75 | 2.56 | 2.91 | 2.51 | 2.44 | 1.98 | 1.60 | 2.83 | 2.40 | 2.23 | 2.88 | 2.77 | 2.99 | 2.38 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA_GT_8 24108 | 54.86 | 52.40 | 38.69 | 37.30 | 35.61 | 40.49 | 55.12 | 54.34 | 51.22 | 48.64 | 46.20 | 49.60 | 40.89 | 39.43 | 40.16 | 49.96 | 48.94 | 53.31 | 53.31 | 53.94 | 52.29 | 38.52 | 38.08 | 40.65 |
| | 2.70 | 2.23 | 1.84 | 1.69 | 1.60 | 2.14 | 2.99 | 2.85 | 3.04 | 4.22 | 3.75 | 2.56 | 2.91 | 2.51 | 2.44 | 1.98 | 1.60 | 2.83 | 2.40 | 2.23 | 2.88 | 2.77 | 2.99 | 2.38 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA___2 24149 | 54.80 | 52.35 | 38.65 | 37.27 | 35.59 | 40.45 | 55.07 | 54.29 | 51.16 | 48.55 | 46.13 | 49.55 | 40.83 | 39.38 | 40.12 | 49.91 | 48.91 | 53.24 | 53.26 | 53.89 | 52.22 | 38.46 | 38.02 | 40.59 |
| | 2.64 | 2.19 | 1.80 | 1.66 | 1.57 | 2.10 | 2.94 | 2.79 | 2.98 | 4.13 | 3.68 | 2.51 | 2.85 | 2.46 | 2.39 | 1.94 | 1.57 | 2.77 | 2.35 | 2.18 | 2.82 | 2.72 | 2.93 | 2.33 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA___3 23516 | 54.67 | 52.25 | 38.60 | 37.22 | 35.54 | 40.39 | 54.96 | 54.18 | 51.07 | 48.54 | 46.05 | 49.50 | 40.80 | 39.33 | 40.08 | 49.86 | 48.88 | 53.20 | 53.22 | 53.82 | 52.16 | 38.45 | 38.00 | 40.60 |
| | 2.52 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.84 | 2.68 | 2.90 | 4.11 | 3.60 | 2.46 | 2.82 | 2.41 | 2.35 | 1.89 | 1.54 | 2.73 | 2.30 | 2.12 | 2.75 | 2.70 | 2.91 | 2.33 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA___4 23517 | 54.67 | 52.25 | 38.60 | 37.22 | 35.54 | 40.39 | 54.96 | 54.18 | 51.07 | 48.54 | 46.05 | 49.50 | 40.80 | 39.33 | 40.08 | 49.86 | 48.88 | 53.20 | 53.22 | 53.82 | 52.16 | 38.45 | 38.00 | 40.60 |
| | 2.52 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.84 | 2.68 | 2.90 | 4.11 | 3.60 | 2.46 | 2.82 | 2.41 | 2.35 | 1.89 | 1.54 | 2.73 | 2.30 | 2.12 | 2.75 | 2.70 | 2.91 | 2.33 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ASTORIA___5 23518 | 54.67 | 52.25 | 38.60 | 37.22 | 35.54 | 40.39 | 54.96 | 54.18 | 51.07 | 48.54 | 46.05 | 49.50 | 40.80 | 39.33 | 40.08 | 49.86 | 48.88 | 53.20 | 53.22 | 53.82 | 52.16 | 38.45 | 38.00 | 40.60 |
| | 2.52 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.84 | 2.68 | 2.90 | 4.11 | 3.60 | 2.46 | 2.82 | 2.41 | 2.35 | 1.89 | 1.54 | 2.73 | 2.30 | 2.12 | 2.75 | 2.70 | 2.91 | 2.33 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| AST_ENERGY_2_CC3 323677 | 54.65 | 52.24 | 38.59 | 37.22 | 35.54 | 40.39 | 54.97 | 54.18 | 51.04 | 48.45 | 45.95 | 49.43 | 40.72 | 39.25 | 40.02 | 49.84 | 48.85 | 53.14 | 53.15 | 53.76 | 52.08 | 38.35 | 37.89 | 40.51 |
| | 2.50 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.85 | 2.68 | 2.86 | 4.03 | 3.50 | 2.39 | 2.74 | 2.33 | 2.30 | 1.87 | 1.51 | 2.66 | 2.24 | 2.05 | 2.67 | 2.60 | 2.80 | 2.25 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.64 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| AST_ENERGY_2_CC4 323678 | 54.65 | 52.24 | 38.59 | 37.22 | 35.54 | 40.39 | 54.97 | 54.18 | 51.04 | 48.45 | 45.95 | 49.43 | 40.72 | 39.25 | 40.02 | 49.84 | 48.85 | 53.14 | 53.15 | 53.76 | 52.08 | 38.35 | 37.89 | 40.51 |
| | 2.50 | 2.08 | 1.74 | 1.60 | 1.52 | 2.04 | 2.85 | 2.68 | 2.86 | 4.03 | 3.50 | 2.39 | 2.74 | 2.33 | 2.30 | 1.87 | 1.51 | 2.66 | 2.24 | 2.05 | 2.67 | 2.60 | 2.80 | 2.25 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.64 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| ATHENS_STG_1 23668 | 57.60 | 55.72 | 40.73 | 39.45 | 37.65 | 42.08 | 57.26 | 56.87 | 52.92 | 47.43 | 45.82 | 52.20 | 41.25 | 40.47 | 41.45 | 53.66 | 52.35 | 54.32 | 55.20 | 56.80 | 53.11 | 38.28 | 37.51 | 41.64 |
| | 1.85 | 1.53 | 1.25 | 1.17 | 1.11 | 1.48 | 1.99 | 1.83 | 1.94 | 2.67 | 2.31 | 1.59 | 1.85 | 1.58 | 1.54 | 1.28 | 1.04 | 1.83 | 1.56 | 1.44 | 1.87 | 1.79 | 1.94 | 1.60 |
| | -25.89 | -28.99 | -18.98 | -19.18 | -18.17 | -16.26 | -22.69 | -25.51 | -20.03 | -2.44 | -7.63 | -25.76 | -10.22 | -14.10 | -15.58 | -31.46 | -34.18 | -22.25 | -28.12 | -32.12 | -21.60 | -8.63 | -5.73 | -12.68 |
| ATHENS_STG_2 23670 | 57.60 | 55.72 | 40.73 | 39.45 | 37.65 | 42.08 | 57.26 | 56.87 | 52.92 | 47.43 | 45.82 | 52.20 | 41.25 | 40.47 | 41.45 | 53.66 | 52.35 | 54.32 | 55.20 | 56.80 | 53.11 | 38.28 | 37.51 | 41.64 |
| | 1.85 | 1.53 | 1.25 | 1.17 | 1.11 | 1.48 | 1.99 | 1.83 | 1.94 | 2.67 | 2.31 | 1.59 | 1.85 | 1.58 | 1.54 | 1.28 | 1.04 | 1.83 | 1.56 | 1.44 | 1.87 | 1.79 | 1.94 | 1.60 |
| | -25.89 | -28.99 | -18.98 | -19.18 | -18.17 | -16.26 | -22.69 | -25.51 | -20.03 | -2.44 | -7.63 | -25.76 | -10.22 | -14.10 | -15.58 | -31.46 | -34.18 | -22.25 | -28.12 | -32.12 | -21.60 | -8.63 | -5.73 | -12.68 |
| ATHENS_STG_3 23677 | 57.60 | 55.72 | 40.73 | 39.45 | 37.65 | 42.08 | 57.26 | 56.87 | 52.92 | 47.43 | 45.82 | 52.20 | 41.25 | 40.47 | 41.45 | 53.66 | 52.35 | 54.32 | 55.20 | 56.80 | 53.11 | 38.28 | 37.51 | 41.64 |
| | 1.85 | 1.53 | 1.25 | 1.17 | 1.11 | 1.48 | 1.99 | 1.83 | 1.94 | 2.67 | 2.31 | 1.59 | 1.85 | 1.58 | 1.54 | 1.28 | 1.04 | 1.83 | 1.56 | 1.44 | 1.87 | 1.79 | 1.94 | 1.60 |
| | -25.89 | -28.99 | -18.98 | -19.18 | -18.17 | -16.26 | -22.69 | -25.51 | -20.03 | -2.44 | -7.63 | -25.76 | -10.22 | -14.10 | -15.58 | -31.46 | -34.18 | -22.25 | -28.12 | -32.12 | -21.60 | -8.63 | -5.73 | -12.68 |
| AUBURN___LFGE 323710 | 33.22 | 28.80 | 22.91 | 21.56 | 20.74 | 26.69 | 35.80 | 32.91 | 33.74 | 43.41 | 37.44 | 28.11 | 30.67 | 26.65 | 26.30 | 24.63 | 21.16 | 33.32 | 29.00 | 27.14 | 32.51 | 29.20 | 30.79 | 29.18 |
| | 0.62 | 0.53 | 0.39 | 0.44 | 0.44 | 0.62 | 0.82 | 0.68 | 0.53 | 0.83 | 0.75 | 0.55 | 0.43 | 0.33 | 0.28 | 0.28 | 0.34 | 0.70 | 0.46 | 0.44 | 0.55 | 0.42 | 0.34 | 0.43 |
| | -2.74 | -3.07 | -2.01 | -2.03 | -1.92 | -1.72 | -2.40 | -2.70 | -2.25 | -0.26 | -0.80 | -2.70 | -1.07 | -1.52 | -1.69 | -3.42 | -3.69 | -2.39 | -3.02 | -3.47 | -2.32 | -0.93 | -0.61 | -1.38 |
| BABYLON_RES_REC 323704 | 55.39 | 57.52 | 39.17 | 37.77 | 36.00 | 40.91 | 55.82 | 54.92 | 51.75 | 77.60 | 79.11 | 82.53 | 48.35 | 39.39 | 40.10 | 50.42 | 94.03 | 146.64 | 352.31 | 117.25 | 73.54 | 39.44 | 38.01 | 57.94 |
| | 3.23 | 2.78 | 2.32 | 2.15 | 1.98 | 2.56 | 3.69 | 3.42 | 3.57 | 4.72 | 3.89 | 2.69 | 3.09 | 2.47 | 2.37 | 2.04 | 1.67 | 3.11 | 2.63 | 2.33 | 3.00 | 2.79 | 2.92 | 2.77 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|-------|-------|--------|
| BARON_WINDS___WT_PWR | 35.03 | 30.66 | 24.05 | 22.87 | 21.92 | 27.71 | 37.15 | 34.43 | 31.39 | 43.05 | 37.84 | 30.02 | 31.39 | 27.74 | 27.51 | 27.01 | 23.11 | 34.99 | 24.16 | 28.81 | 34.51 | 29.97 | 31.24 | 29.87 |
| 323822 | 0.45 | 0.18 | 0.08 | 0.28 | 0.24 | 0.40 | 0.31 | 0.09 | -0.04 | 0.27 | 0.52 | 0.31 | 0.30 | 0.24 | 0.18 | 0.17 | 0.07 | 0.34 | 0.34 | 0.36 | 0.55 | 0.39 | 0.25 | 0.13 |
| | -4.71 | -5.27 | -3.45 | -3.49 | -3.31 | -2.96 | -4.26 | -4.81 | -0.47 | -0.46 | -1.43 | -4.85 | -1.93 | -2.71 | -3.01 | -5.90 | -5.92 | -4.42 | 1.71 | -5.21 | -4.32 | -1.73 | -1.14 | -2.37 |
| BARRETT_IC_1 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23704 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_10 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23701 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_11 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23702 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_12 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23703 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_2 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23705 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_3 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23706 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_4 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23707 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_5 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23708 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_6 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23709 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_7 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23710 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_8 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23711 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT_IC_9 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23700 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT___1 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23545 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |
| BARRETT___2 | 55.04 | 57.15 | 38.81 | 37.42 | 35.70 | 40.44 | 55.15 | 54.28 | 51.11 | 76.96 | 78.72 | 82.28 | 48.01 | 39.16 | 39.90 | 50.26 | 93.83 | 146.12 | 352.14 | 117.23 | 73.55 | 39.51 | 38.08 | 57.88 |
| 23546 | 2.88 | 2.41 | 1.96 | 1.80 | 1.67 | 2.09 | 3.02 | 2.78 | 2.93 | 4.08 | 3.50 | 2.43 | 2.75 | 2.24 | 2.17 | 1.88 | 1.47 | 2.59 | 2.47 | 2.31 | 3.02 | 2.86 | 2.99 | 2.71 |
| | -22.30 | -29.54 | -16.34 | -16.52 | -15.65 | -14.00 | -19.55 | -21.97 | -17.23 | -30.56 | -39.33 | -54.99 | -16.08 | -12.13 | -13.40 | -27.45 | -75.23 | -113.30 | -324.15 | -91.68 | -40.90 | -8.81 | -5.25 | -27.81 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG1 323682 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG10 323750 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG2 323683 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG3 323684 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG4 323685 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG5 323686 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG6 323687 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG7 323688 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG8 323689 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BAYONEEC___CTG9 323749 | 54.63 2.48 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.20 1.59 -16.52 | 35.53 1.51 -15.64 | 40.37 2.02 -14.00 | 54.95 2.82 -19.54 | 54.16 2.67 -21.96 | 51.04 2.86 -17.23 | 48.46 4.04 -2.11 | 45.96 3.51 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.86 1.52 -30.21 | 53.15 2.68 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.82 -5.24 | 40.52 2.25 -10.90 |
| BEACON___LESR 323632 | 62.24 1.75 -30.63 | 60.98 1.48 -34.30 | 44.21 1.25 -22.45 | 43.03 1.24 -22.69 | 41.07 1.20 -21.50 | 45.09 1.51 -19.23 | 61.40 1.97 -26.85 | 61.52 1.81 -30.18 | 56.50 1.84 -23.71 | 47.84 2.54 -2.97 | 47.10 2.20 -9.02 | 56.80 1.47 -30.47 | 43.09 1.82 -12.10 | 43.03 1.55 -16.69 | 44.27 1.49 -18.45 | 59.50 1.32 -37.24 | 72.30 1.04 -54.13 | 76.91 1.83 -44.84 | 80.51 1.49 -53.50 | 76.82 1.36 -52.22 | 76.89 1.82 -45.44 | 47.74 1.73 -18.16 | 43.78 1.88 -12.06 | 44.01 1.63 -15.01 |
| BEAVER RIVER___HYD 24048 | 30.86 0.16 -0.84 | 26.27 0.12 -0.94 | 21.22 0.09 -0.62 | 19.80 0.08 -0.62 | 19.10 0.14 -0.59 | 25.14 0.26 -0.53 | 33.80 0.48 -0.74 | 30.96 0.60 -0.83 | 32.09 0.48 -0.66 | 42.89 0.50 -0.08 | 36.43 0.30 -0.25 | 25.89 0.20 -0.83 | 29.76 0.26 -0.33 | 25.44 0.19 -0.47 | 25.01 0.17 -0.52 | 22.18 0.20 -1.04 | 18.09 0.32 -0.64 | 31.02 0.71 -0.07 | 26.26 0.54 -0.20 | 24.22 0.43 -0.55 | 30.08 0.44 0.00 | 28.16 0.31 0.00 | 30.15 0.30 0.00 | 27.94 0.15 -0.42 |
| BEEBEE_GT_13 23619 | 32.49 -0.01 -2.63 | 27.97 -0.18 -2.95 | 22.27 -0.18 -1.93 | 21.01 -0.04 -1.95 | 20.17 -0.05 -1.85 | 26.05 0.05 -1.65 | 34.78 -0.05 -2.25 | 31.85 -0.21 -2.53 | 32.22 -0.51 -1.77 | 42.00 -0.56 -0.24 | 36.39 -0.24 -0.74 | 27.03 -0.32 -2.50 | 29.67 -0.49 -0.99 | 25.77 -0.42 -1.40 | 25.36 -0.52 -1.56 | 23.64 -0.51 -3.21 | 20.06 -0.50 -3.43 | 31.74 -0.67 -2.18 | 27.72 -0.58 -2.77 | 25.98 -0.47 -3.21 | 31.22 -0.52 -2.11 | 28.15 -0.55 -0.84 | 29.68 -0.73 -0.56 | 28.04 -0.62 -1.30 |
| BETHLEHEM___GRP 23843 | 61.69 1.19 -30.64 | 60.51 1.00 -34.30 | 43.84 0.87 -22.45 | 42.65 0.85 -22.70 | 40.76 0.89 -21.50 | 44.64 1.06 -19.24 | 60.67 1.23 -26.86 | 60.83 1.11 -30.18 | 55.86 1.19 -23.71 | 46.99 1.70 -2.97 | 46.43 1.52 -9.02 | 56.31 0.98 -30.48 | 42.57 1.30 -12.10 | 42.60 1.11 -16.69 | 43.81 1.03 -18.46 | 59.02 0.84 -37.25 | 71.54 0.68 -53.73 | 75.70 1.18 -44.29 | 79.40 0.98 -52.90 | 75.95 0.91 -51.81 | 75.67 1.19 -44.85 | 46.95 1.18 -17.92 | 43.08 1.34 -11.90 | 43.50 1.12 -15.01 |
| BETHLEHEM___GS1 323560 | 61.69 1.19 -30.64 | 60.51 1.00 -34.30 | 43.84 0.87 -22.45 | 42.65 0.85 -22.70 | 40.76 0.89 -21.50 | 44.64 1.06 -19.24 | 60.67 1.23 -26.86 | 60.83 1.11 -30.18 | 55.86 1.19 -23.71 | 46.99 1.70 -2.97 | 46.43 1.52 -9.02 | 56.31 0.98 -30.48 | 42.57 1.30 -12.10 | 42.60 1.11 -16.69 | 43.81 1.03 -18.46 | 59.02 0.84 -37.25 | 71.54 0.68 -53.73 | 75.70 1.18 -44.29 | 79.40 0.98 -52.90 | 75.95 0.91 -51.81 | 75.67 1.19 -44.85 | 46.95 1.18 -17.92 | 43.08 1.34 -11.90 | 43.50 1.12 -15.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS2 323561 | 61.69 1.19 -30.64 | 60.51 1.00 -34.30 | 43.84 0.87 -22.45 | 42.65 0.85 -22.70 | 40.76 0.89 -21.50 | 44.64 1.06 -19.24 | 60.67 1.23 -26.86 | 60.83 1.11 -30.18 | 55.86 1.19 -23.71 | 46.99 1.70 -2.97 | 46.43 1.52 -9.02 | 56.31 0.98 -30.48 | 42.57 1.30 -12.10 | 42.60 1.11 -16.69 | 43.81 1.03 -18.46 | 59.02 0.84 -37.25 | 71.54 0.68 -53.73 | 75.70 1.18 -44.29 | 79.40 0.98 -52.90 | 75.95 0.91 -51.81 | 75.67 1.19 -44.85 | 46.95 1.18 -17.92 | 43.08 1.34 -11.90 | 43.50 1.12 -15.01 |
| BETHLEHEM___GS3 323562 | 61.69 1.19 -30.64 | 60.51 1.00 -34.30 | 43.84 0.87 -22.45 | 42.65 0.85 -22.70 | 40.76 0.89 -21.50 | 44.64 1.06 -19.24 | 60.67 1.23 -26.86 | 60.83 1.11 -30.18 | 55.86 1.19 -23.71 | 46.99 1.70 -2.97 | 46.43 1.52 -9.02 | 56.31 0.98 -30.48 | 42.57 1.30 -12.10 | 42.60 1.11 -16.69 | 43.81 1.03 -18.46 | 59.02 0.84 -37.25 | 71.54 0.68 -53.73 | 75.70 1.18 -44.29 | 79.40 0.98 -52.90 | 75.95 0.91 -51.81 | 75.67 1.19 -44.85 | 46.95 1.18 -17.92 | 43.08 1.34 -11.90 | 43.50 1.12 -15.01 |
| BETHLEHEM___STEEL 23779 | 33.42 -0.05 -3.61 | 28.94 -0.30 -4.04 | 22.85 -0.31 -2.64 | 21.72 -0.05 -2.67 | 20.82 -0.09 -2.53 | 26.66 0.04 -2.27 | 35.47 -0.30 -3.18 | 32.56 -0.55 -3.58 | 32.03 -1.04 -2.12 | 41.60 -1.05 -0.33 | 36.41 -0.51 -1.04 | 27.74 -0.62 -3.50 | 29.74 -0.82 -1.39 | 26.04 -0.70 -1.96 | 25.68 -0.82 -2.17 | 24.48 -0.82 -4.36 | 20.62 -0.86 -4.35 | 32.16 -1.21 -3.13 | 27.09 -0.98 -2.55 | 26.69 -0.84 -4.30 | 31.83 -0.86 -3.05 | 28.20 -0.87 -1.22 | 29.56 -1.10 -0.81 | 28.09 -1.04 -1.76 |
| BETHPAGE_CC_5 323564 | 55.24 3.08 -22.30 | 57.38 2.64 -29.54 | 39.04 2.18 -16.34 | 37.65 2.03 -16.52 | 35.89 1.87 -15.65 | 40.78 2.43 -14.00 | 55.60 3.48 -19.55 | 54.73 3.23 -21.97 | 51.56 3.38 -17.23 | 77.57 4.69 -30.56 | 79.20 3.99 -39.33 | 82.63 2.79 -54.99 | 48.46 3.20 -16.08 | 39.53 2.60 -12.13 | 40.24 2.51 -13.40 | 50.54 2.16 -27.45 | 94.15 1.79 -75.23 | 146.80 3.27 -113.30 | 352.47 2.80 -324.15 | 117.43 2.51 -91.68 | 73.77 3.24 -40.90 | 39.67 3.02 -8.81 | 38.17 3.08 -5.25 | 57.98 2.81 -27.81 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 33.55 0.04 -3.65 | 29.06 -0.23 -4.09 | 22.95 -0.25 -2.68 | 21.81 0.01 -2.71 | 20.91 -0.03 -2.56 | 26.77 0.13 -2.29 | 35.63 -0.18 -3.23 | 32.72 -0.43 -3.62 | 32.23 -0.91 -2.20 | 41.79 -0.87 -0.34 | 36.56 -0.37 -1.05 | 27.88 -0.52 -3.54 | 29.87 -0.70 -1.41 | 26.17 -0.61 -1.98 | 25.81 -0.72 -2.20 | 24.62 -0.73 -4.41 | 20.78 -0.79 -4.43 | 32.34 -1.07 -3.18 | 27.33 -0.87 -2.68 | 26.86 -0.75 -4.37 | 32.00 -0.72 -3.09 | 28.33 -0.75 -1.24 | 29.69 -0.97 -0.82 | 28.20 -0.94 -1.78 |
| BINGHAMTON___COGEN 23790 | 37.27 0.63 -6.78 | 33.27 0.48 -7.59 | 25.86 0.38 -4.97 | 24.58 0.46 -5.02 | 23.54 0.41 -4.75 | 29.19 0.58 -4.25 | 39.33 0.78 -5.97 | 36.93 0.68 -6.72 | 37.08 0.65 -5.48 | 43.92 0.96 -0.64 | 38.74 0.87 -1.99 | 32.14 0.58 -6.71 | 32.45 0.62 -2.66 | 29.08 0.52 -3.77 | 29.01 0.49 -4.20 | 29.80 0.44 -8.43 | 27.10 0.32 -9.65 | 37.52 0.65 -6.63 | 34.36 0.57 -8.27 | 32.91 0.55 -9.12 | 36.89 0.74 -6.51 | 31.06 0.61 -2.60 | 32.16 0.58 -1.73 | 31.24 0.48 -3.40 |
| BLACK RIVER___HYD 24047 | 31.37 0.36 -1.15 | 26.78 0.29 -1.28 | 21.59 0.23 -0.84 | 20.16 0.22 -0.85 | 19.47 0.29 -0.81 | 25.54 0.47 -0.72 | 34.33 0.74 -1.01 | 31.54 0.88 -1.13 | 32.48 0.63 -0.90 | 43.01 0.59 -0.10 | 36.64 0.42 -0.34 | 26.35 0.36 -1.13 | 30.04 0.42 -0.45 | 25.74 0.31 -0.63 | 25.27 0.24 -0.70 | 22.61 0.25 -1.42 | 18.45 0.44 -0.87 | 31.30 0.97 -0.10 | 26.51 0.71 -0.28 | 24.59 0.60 -0.75 | 30.24 0.60 0.00 | 28.29 0.44 0.00 | 30.26 0.41 0.00 | 28.16 0.22 -0.57 |
| BLISS_WT_PWR 323608 | 34.05 0.34 -3.86 | 29.67 0.15 -4.32 | 23.32 -0.02 -2.83 | 22.24 0.28 -2.86 | 21.44 0.36 -2.71 | 27.41 0.64 -2.42 | 36.44 0.45 -3.41 | 33.55 0.19 -3.84 | 33.34 -0.22 -2.61 | 42.80 0.13 -0.36 | 37.44 0.45 -1.11 | 28.73 0.13 -3.74 | 30.69 0.03 -1.49 | 26.89 0.01 -2.09 | 26.57 -0.08 -2.33 | 25.40 -0.19 -4.66 | 21.61 -0.36 -4.84 | 33.28 -0.33 -3.38 | 28.64 -0.23 -3.34 | 27.76 -0.17 -4.69 | 32.93 0.00 -3.29 | 29.03 -0.13 -1.31 | 30.31 -0.41 -0.87 | 28.64 -0.61 -1.88 |
| BLUE_CIRC_CHEM_DRP 24182 | 61.28 1.66 -29.75 | 59.93 1.41 -33.31 | 43.49 1.18 -21.81 | 42.27 1.13 -22.04 | 40.37 1.11 -20.88 | 44.44 1.41 -18.68 | 60.41 1.75 -26.08 | 60.45 1.60 -29.31 | 55.65 1.67 -23.02 | 47.50 2.32 -2.86 | 46.65 2.00 -8.76 | 55.78 1.33 -29.60 | 42.58 1.66 -11.75 | 42.42 1.43 -16.20 | 43.62 1.38 -17.92 | 58.23 1.14 -36.16 | 66.26 0.94 -48.19 | 69.48 1.63 -37.62 | 72.38 1.38 -45.48 | 70.67 1.27 -46.16 | 69.05 1.64 -37.77 | 44.53 1.59 -15.09 | 41.58 1.72 -10.02 | 43.43 1.49 -14.57 |
| BOC_GAS_DRP 24189 | 61.47 1.44 -30.17 | 60.20 1.21 -33.79 | 43.63 1.00 -22.11 | 42.40 0.95 -22.35 | 40.47 0.92 -21.18 | 44.48 1.19 -18.95 | 60.54 1.51 -26.45 | 60.64 1.38 -29.73 | 55.76 1.46 -23.35 | 47.25 2.04 -2.89 | 46.55 1.78 -8.88 | 56.07 1.20 -30.02 | 42.54 1.46 -11.91 | 42.48 1.25 -16.44 | 43.70 1.20 -18.17 | 58.61 0.99 -36.68 | 65.50 0.80 -47.56 | 68.00 1.39 -36.37 | 70.89 1.18 -44.18 | 69.79 1.10 -45.46 | 67.45 1.42 -36.39 | 43.77 1.38 -14.54 | 41.01 1.51 -9.65 | 43.41 1.26 -14.78 |
| BORALEX_4TH_BRANCH 23824 | 63.32 2.69 -30.76 | 61.96 2.31 -34.45 | 44.91 1.85 -22.55 | 43.63 1.74 -22.79 | 41.57 1.60 -21.59 | 45.71 2.04 -19.32 | 62.27 2.72 -26.97 | 62.30 2.46 -30.31 | 57.38 2.62 -23.81 | 48.95 3.61 -3.03 | 48.02 3.08 -9.06 | 57.62 2.16 -30.61 | 43.89 2.57 -12.15 | 43.74 2.18 -16.76 | 45.00 2.13 -18.53 | 60.09 1.75 -37.41 | 78.90 1.32 -60.45 | 85.86 2.34 -53.29 | 90.25 1.98 -62.74 | 83.83 1.81 -58.78 | 86.59 2.45 -54.50 | 51.99 2.37 -21.77 | 46.87 2.56 -14.46 | 44.67 2.22 -15.08 |
| BOWLINE___1 23526 | 53.62 2.31 -21.44 | 51.13 1.92 -24.01 | 37.80 1.57 -15.72 | 36.43 1.45 -15.89 | 34.80 1.38 -15.05 | 39.66 1.84 -13.46 | 53.93 2.55 -18.80 | 53.04 2.38 -21.12 | 49.99 2.47 -16.56 | 47.73 3.39 -2.03 | 45.13 2.93 -6.32 | 48.23 2.04 -21.34 | 39.96 2.31 -8.47 | 38.41 1.96 -11.66 | 39.14 1.93 -12.88 | 48.53 1.60 -26.00 | 47.50 1.32 -29.05 | 52.03 2.33 -19.46 | 51.92 1.98 -24.42 | 52.45 1.84 -27.37 | 51.05 2.40 -19.01 | 37.75 2.30 -7.60 | 37.35 2.46 -5.04 | 39.82 1.98 -10.48 |
| BOWLINE___2 23595 | 53.62 2.32 -21.44 | 51.14 1.92 -24.01 | 37.80 1.57 -15.72 | 36.44 1.45 -15.89 | 34.80 1.38 -15.05 | 39.66 1.85 -13.47 | 53.93 2.55 -18.80 | 53.04 2.38 -21.13 | 49.99 2.47 -16.57 | 47.74 3.39 -2.03 | 45.13 2.93 -6.32 | 48.24 2.04 -21.34 | 39.96 2.32 -8.47 | 38.41 1.96 -11.66 | 39.14 1.93 -12.88 | 48.53 1.60 -26.00 | 47.50 1.32 -29.05 | 52.03 2.33 -19.47 | 51.92 1.98 -24.42 | 52.45 1.84 -27.38 | 51.05 2.40 -19.01 | 37.75 2.30 -7.60 | 37.35 2.46 -5.04 | 39.83 1.98 -10.48 |
| BRANSCOMB___SOLAR 323811 | 64.44 2.41 -32.18 | 63.24 2.01 -36.03 | 45.72 1.62 -23.58 | 44.47 1.53 -23.84 | 42.42 1.46 -22.58 | 46.57 2.02 -20.20 | 63.54 2.76 -28.20 | 63.75 2.52 -31.70 | 58.52 2.66 -24.91 | 49.14 3.62 -3.21 | 48.44 3.08 -9.47 | 58.99 2.12 -32.01 | 44.37 2.49 -12.71 | 44.45 2.12 -17.53 | 45.82 2.10 -19.39 | 61.88 1.81 -39.14 | 88.31 1.49 -69.68 | 97.37 2.67 -64.47 | 102.94 2.25 -75.17 | 93.47 2.05 -68.19 | 98.63 2.61 -66.38 | 56.77 2.39 -26.52 | 49.98 2.53 -17.61 | 45.33 2.19 -15.77 |
| BROOKHAVEN___DRP 24191 | 55.33 3.17 -22.30 | 57.54 2.80 -29.54 | 39.16 2.31 -16.34 | 37.78 2.16 -16.52 | 35.95 1.93 -15.65 | 40.81 2.46 -14.00 | 55.57 3.44 -19.55 | 54.60 3.10 -21.97 | 51.42 3.24 -17.23 | 77.37 4.48 -30.56 | 78.95 3.73 -39.33 | 82.59 2.74 -54.99 | 48.48 3.22 -16.08 | 39.40 2.48 -12.13 | 40.02 2.29 -13.40 | 50.40 2.02 -27.45 | 94.08 1.72 -75.23 | 146.76 3.23 -113.30 | 352.45 2.78 -324.15 | 117.27 2.36 -91.68 | 73.61 3.07 -40.90 | 39.58 2.92 -8.81 | 37.98 2.89 -5.25 | 58.02 2.84 -27.81 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BROOKLYN_NAVY_YARD 23515 | 54.59 2.44 -22.29 | 52.19 2.03 -24.96 | 38.54 1.69 -16.34 | 37.17 1.56 -16.52 | 35.50 1.48 -15.64 | 40.34 2.00 -14.00 | 54.92 2.80 -19.54 | 54.14 2.65 -21.96 | 51.00 2.82 -17.23 | 48.43 4.01 -2.11 | 45.91 3.45 -6.57 | 49.40 2.37 -22.18 | 40.67 2.69 -8.81 | 39.22 2.30 -12.12 | 39.99 2.26 -13.40 | 49.81 1.84 -27.04 | 48.83 1.49 -30.21 | 53.08 2.61 -20.24 | 53.10 2.19 -25.39 | 53.71 2.01 -28.47 | 52.02 2.61 -19.77 | 38.29 2.54 -7.90 | 37.85 2.76 -5.24 | 40.47 2.21 -10.90 |
| BROOKLYN___ARMY_DRP 323595 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| BROOME_2_LFGE 323671 | 37.27 0.63 -6.78 | 33.27 0.48 -7.59 | 25.86 0.38 -4.97 | 24.58 0.46 -5.02 | 23.54 0.41 -4.75 | 29.19 0.58 -4.25 | 39.33 0.78 -5.97 | 36.93 0.68 -6.72 | 37.08 0.65 -5.48 | 43.92 0.96 -0.64 | 38.74 0.87 -1.99 | 32.14 0.58 -6.71 | 32.45 0.62 -2.66 | 29.08 0.52 -3.77 | 29.01 0.49 -4.20 | 29.80 0.44 -8.43 | 27.10 0.32 -9.65 | 37.52 0.65 -6.63 | 34.36 0.57 -8.27 | 32.91 0.55 -9.12 | 36.89 0.74 -6.51 | 31.06 0.61 -2.60 | 32.16 0.58 -1.73 | 31.24 0.48 -3.40 |
| BROOME___LFGE 323600 | 37.27 0.63 -6.78 | 33.27 0.48 -7.59 | 25.86 0.38 -4.97 | 24.58 0.46 -5.02 | 23.54 0.41 -4.75 | 29.19 0.58 -4.25 | 39.33 0.78 -5.97 | 36.93 0.68 -6.72 | 37.08 0.65 -5.48 | 43.92 0.96 -0.64 | 38.74 0.87 -1.99 | 32.14 0.58 -6.71 | 32.45 0.62 -2.66 | 29.08 0.52 -3.77 | 29.01 0.49 -4.20 | 29.80 0.44 -8.43 | 27.10 0.32 -9.65 | 37.52 0.65 -6.63 | 34.36 0.57 -8.27 | 32.91 0.55 -9.12 | 36.89 0.74 -6.51 | 31.06 0.61 -2.60 | 32.16 0.58 -1.73 | 31.24 0.48 -3.40 |
| BURROWS___LYONSDAL 23803 | 31.10 0.46 -0.77 | 26.44 0.38 -0.86 | 21.38 0.30 -0.56 | 19.97 0.30 -0.57 | 19.23 0.32 -0.54 | 25.32 0.49 -0.48 | 34.02 0.76 -0.67 | 31.08 0.79 -0.76 | 32.33 0.77 -0.60 | 43.33 0.94 -0.07 | 36.80 0.69 -0.23 | 26.06 0.44 -0.76 | 29.99 0.52 -0.30 | 25.62 0.40 -0.42 | 25.18 0.39 -0.47 | 22.27 0.38 -0.96 | 18.14 0.42 -0.59 | 31.18 0.88 -0.06 | 26.42 0.71 -0.19 | 24.36 0.61 -0.51 | 30.36 0.72 0.00 | 28.46 0.61 0.00 | 30.42 0.57 0.00 | 28.19 0.44 -0.38 |
| CAITHNESS_CC_1 323624 | 55.29 3.13 -22.30 | 57.50 2.76 -29.54 | 39.14 2.28 -16.34 | 37.76 2.14 -16.52 | 35.94 1.91 -15.65 | 40.79 2.44 -14.00 | 55.56 3.43 -19.55 | 54.61 3.11 -21.97 | 51.43 3.25 -17.23 | 77.38 4.50 -30.56 | 78.96 3.74 -39.33 | 82.59 2.74 -54.99 | 48.48 3.22 -16.08 | 39.40 2.48 -12.13 | 40.03 2.30 -13.40 | 50.40 2.02 -27.45 | 94.07 1.71 -75.23 | 146.75 3.22 -113.30 | 352.43 2.75 -324.15 | 117.27 2.36 -91.68 | 73.61 3.07 -40.90 | 39.56 2.90 -8.81 | 37.99 2.90 -5.25 | 58.01 2.83 -27.81 |
| CALPINE BETH_PAGE_GT4 24209 | 55.15 2.98 -22.30 | 57.29 2.55 -29.54 | 38.96 2.10 -16.34 | 37.58 1.96 -16.52 | 35.83 1.81 -15.65 | 40.70 2.35 -14.00 | 55.50 3.37 -19.55 | 54.64 3.14 -21.97 | 51.46 3.28 -17.23 | 77.43 4.54 -30.56 | 79.09 3.87 -39.33 | 82.56 2.71 -54.99 | 48.37 3.11 -16.08 | 39.45 2.53 -12.13 | 40.17 2.44 -13.40 | 50.48 2.10 -27.45 | 94.10 1.74 -75.23 | 146.69 3.16 -113.30 | 352.40 2.73 -324.15 | 117.37 2.45 -91.68 | 73.71 3.17 -40.90 | 39.60 2.94 -8.81 | 38.10 3.01 -5.25 | 57.89 2.72 -27.81 |
| CALPINE_BETH_PAGE_GT_4 323586 | 55.15 2.98 -22.30 | 57.29 2.55 -29.54 | 38.96 2.10 -16.34 | 37.58 1.96 -16.52 | 35.83 1.81 -15.65 | 40.70 2.35 -14.00 | 55.50 3.37 -19.55 | 54.64 3.14 -21.97 | 51.46 3.28 -17.23 | 77.43 4.54 -30.56 | 79.09 3.87 -39.33 | 82.56 2.71 -54.99 | 48.37 3.11 -16.08 | 39.45 2.53 -12.13 | 40.17 2.44 -13.40 | 50.48 2.10 -27.45 | 94.10 1.74 -75.23 | 146.69 3.16 -113.30 | 352.40 2.73 -324.15 | 117.37 2.45 -91.68 | 73.71 3.17 -40.90 | 39.60 2.94 -8.81 | 38.10 3.01 -5.25 | 57.89 2.72 -27.81 |
| CALPINE_BP_GT1 23823 | 55.15 2.98 -22.30 | 57.29 2.55 -29.54 | 38.96 2.10 -16.34 | 37.58 1.96 -16.52 | 35.83 1.81 -15.65 | 40.70 2.35 -14.00 | 55.50 3.37 -19.55 | 54.64 3.14 -21.97 | 51.46 3.28 -17.23 | 77.43 4.54 -30.56 | 79.09 3.87 -39.33 | 82.56 2.71 -54.99 | 48.37 3.11 -16.08 | 39.45 2.53 -12.13 | 40.17 2.44 -13.40 | 50.48 2.10 -27.45 | 94.10 1.74 -75.23 | 146.69 3.16 -113.30 | 352.40 2.73 -324.15 | 117.37 2.45 -91.68 | 73.71 3.17 -40.90 | 39.60 2.94 -8.81 | 38.10 3.01 -5.25 | 57.89 2.72 -27.81 |
| CALSPAN___DRP 24200 | 33.42 -0.05 -3.61 | 28.94 -0.30 -4.04 | 22.85 -0.31 -2.64 | 21.72 -0.05 -2.67 | 20.82 -0.09 -2.53 | 26.66 0.04 -2.27 | 35.47 -0.30 -3.18 | 32.56 -0.55 -3.58 | 32.03 -1.04 -2.12 | 41.60 -1.05 -0.33 | 36.41 -0.51 -1.04 | 27.74 -0.62 -3.50 | 29.74 -0.82 -1.39 | 26.04 -0.70 -1.96 | 25.68 -0.82 -2.17 | 24.48 -0.82 -4.36 | 20.62 -0.86 -4.35 | 32.16 -1.21 -3.13 | 27.09 -0.98 -2.55 | 26.69 -0.84 -4.30 | 31.83 -0.86 -3.05 | 28.20 -0.87 -1.22 | 29.56 -1.10 -0.81 | 28.09 -1.04 -1.76 |
| CALVERTON___SOLAR 323806 | 55.40 3.24 -22.30 | 57.62 2.88 -29.54 | 39.21 2.36 -16.34 | 37.83 2.22 -16.52 | 36.00 1.97 -15.65 | 40.87 2.52 -14.00 | 55.65 3.52 -19.55 | 54.65 3.15 -21.97 | 51.47 3.28 -17.23 | 77.42 4.54 -30.56 | 79.01 3.79 -39.33 | 82.64 2.79 -54.99 | 48.55 3.29 -16.08 | 39.43 2.51 -12.13 | 40.04 2.31 -13.40 | 50.42 2.04 -27.45 | 94.10 1.74 -75.23 | 146.81 3.28 -113.30 | 352.51 2.83 -324.15 | 117.32 2.40 -91.68 | 73.66 3.12 -40.90 | 39.64 2.98 -8.81 | 38.01 2.92 -5.25 | 58.07 2.89 -27.81 |
| CANDIGU_WT_PWR 323617 | 35.03 0.45 -4.71 | 30.66 0.18 -5.27 | 24.05 0.08 -3.45 | 22.87 0.28 -3.49 | 21.92 0.24 -3.31 | 27.71 0.40 -2.96 | 37.15 0.31 -4.26 | 34.43 0.09 -4.81 | 31.39 -0.04 -0.47 | 43.05 0.27 -0.46 | 37.84 0.52 -1.43 | 30.02 0.31 -4.85 | 31.39 0.30 -1.93 | 27.74 0.24 -2.71 | 27.51 0.18 -3.01 | 27.01 0.17 -5.90 | 23.11 0.07 -5.92 | 34.99 0.34 -4.42 | 24.16 0.34 1.71 | 28.81 0.36 -5.21 | 34.51 0.55 -4.32 | 29.97 0.39 -1.73 | 31.24 0.25 -1.14 | 29.87 0.13 -2.37 |
| CARR STREET_E_SYR 24060 | 31.74 -0.11 -1.99 | 27.33 -0.10 -2.23 | 21.91 -0.06 -1.46 | 20.55 -0.02 -1.47 | 19.75 -0.02 -1.40 | 25.57 -0.03 -1.25 | 34.24 -0.08 -1.74 | 31.37 -0.12 -1.96 | 32.32 -0.19 -1.56 | 42.25 -0.24 -0.18 | 36.32 -0.15 -0.58 | 26.73 -0.09 -1.96 | 29.77 -0.18 -0.78 | 25.74 -0.15 -1.10 | 25.38 -0.16 -1.22 | 23.28 -0.12 -2.47 | 18.56 -0.09 -1.52 | 30.26 -0.14 -0.17 | 25.86 -0.14 -0.48 | 24.43 -0.11 -1.31 | 29.48 -0.15 0.00 | 27.65 -0.20 0.00 | 29.57 -0.27 0.00 | 28.18 -0.18 -0.99 |
| CARTHAGE___PAPER 23857 | 31.29 0.39 -1.03 | 26.67 0.31 -1.15 | 21.52 0.25 -0.76 | 20.09 0.23 -0.76 | 19.38 0.29 -0.72 | 25.46 0.47 -0.65 | 34.26 0.77 -0.90 | 31.43 0.89 -1.02 | 32.48 0.72 -0.81 | 43.18 0.76 -0.09 | 36.71 0.53 -0.30 | 26.28 0.41 -1.02 | 30.06 0.49 -0.40 | 25.73 0.37 -0.57 | 25.28 0.32 -0.63 | 22.54 0.34 -1.28 | 18.39 0.48 -0.78 | 31.32 1.00 -0.09 | 26.54 0.77 -0.25 | 24.55 0.64 -0.68 | 30.31 0.67 0.00 | 28.37 0.52 0.00 | 30.36 0.51 0.00 | 28.20 0.32 -0.51 |
| CASSADAGA_WT_PWR 323784 | 34.42 0.75 -3.81 | 29.83 0.36 -4.26 | 23.81 0.51 -2.79 | 22.68 0.77 -2.82 | 21.72 0.67 -2.67 | 27.77 1.03 -2.39 | 37.20 1.25 -3.37 | 34.36 1.07 -3.77 | 34.02 0.66 -2.40 | 44.04 1.37 -0.35 | 38.49 1.52 -1.08 | 29.36 0.85 -3.65 | 31.48 0.86 -1.45 | 27.57 0.74 -2.04 | 27.21 0.61 -2.27 | 25.89 0.42 -4.55 | 21.87 0.09 -4.65 | 33.99 0.47 -3.29 | 28.85 0.34 -2.99 | 27.88 0.10 -4.54 | 33.09 0.25 -3.20 | 28.97 -0.16 -1.28 | 30.06 -0.64 -0.85 | 28.88 -0.32 -1.83 |

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| CE_DUNWOOD___DRP 24194 | 54.58 2.48 -22.23 | 52.15 2.06 -24.89 | 38.50 1.69 -16.29 | 37.13 1.57 -16.47 | 35.45 1.48 -15.60 | 40.30 1.99 -13.96 | 54.83 2.76 -19.49 | 54.01 2.58 -21.90 | 50.84 2.71 -17.18 | 48.20 3.78 -2.10 | 45.69 3.26 -6.55 | 49.23 2.26 -22.12 | 40.53 2.58 -8.78 | 39.07 2.19 -12.09 | 39.84 2.15 -13.36 | 49.67 1.77 -26.96 | 48.70 1.45 -30.13 | 52.99 2.57 -20.18 | 53.01 2.17 -25.32 | 53.63 2.01 -28.39 | 51.96 2.61 -19.71 | 38.23 2.50 -7.88 | 37.76 2.68 -5.23 | 40.41 2.18 -10.86 |
| CE_MILLWOOD___DRP 24193 | 54.41 2.43 -22.12 | 51.99 2.02 -24.77 | 38.38 1.66 -16.21 | 37.01 1.53 -16.39 | 35.34 1.45 -15.52 | 40.18 1.95 -13.89 | 54.67 2.69 -19.39 | 53.84 2.52 -21.79 | 50.68 2.64 -17.09 | 48.07 3.66 -2.09 | 45.57 3.17 -6.51 | 49.05 2.19 -22.01 | 40.41 2.50 -8.74 | 38.95 2.13 -12.03 | 39.71 2.09 -13.29 | 49.48 1.72 -26.83 | 48.51 1.41 -29.97 | 52.82 2.50 -20.09 | 52.83 2.12 -25.20 | 53.44 1.96 -28.25 | 51.80 2.54 -19.62 | 38.13 2.44 -7.84 | 37.67 2.62 -5.20 | 40.30 2.12 -10.81 |
| CE_NYC2_DRP 24202 | 54.68 2.53 -22.29 | 52.27 2.10 -24.96 | 38.60 1.75 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.40 2.05 -14.00 | 54.98 2.86 -19.54 | 54.20 2.71 -21.96 | 51.09 2.91 -17.23 | 48.55 4.13 -2.11 | 46.06 3.61 -6.57 | 49.51 2.48 -22.18 | 40.81 2.83 -8.81 | 39.34 2.42 -12.12 | 40.09 2.37 -13.40 | 49.88 1.91 -27.04 | 48.90 1.55 -30.21 | 53.23 2.75 -20.24 | 53.24 2.33 -25.39 | 53.84 2.14 -28.47 | 52.19 2.78 -19.77 | 38.47 2.72 -7.90 | 38.01 2.92 -5.24 | 40.60 2.34 -10.90 |
| CE_NYC_DRP 24195 | 54.67 2.51 -22.29 | 52.26 2.09 -24.96 | 38.59 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.64 | 40.40 2.05 -14.00 | 54.99 2.87 -19.54 | 54.20 2.70 -21.96 | 51.06 2.89 -17.23 | 48.50 4.07 -2.11 | 45.99 3.54 -6.57 | 49.47 2.43 -22.18 | 40.76 2.78 -8.81 | 39.29 2.38 -12.12 | 40.05 2.33 -13.40 | 49.87 1.90 -27.04 | 48.88 1.54 -30.21 | 53.19 2.71 -20.24 | 53.19 2.27 -25.39 | 53.79 2.08 -28.47 | 52.12 2.72 -19.77 | 38.38 2.63 -7.90 | 37.92 2.83 -5.24 | 40.53 2.27 -10.90 |
| CHAFFEE___LFGE 323603 | 33.60 0.01 -3.73 | 29.13 -0.24 -4.17 | 22.97 -0.27 -2.73 | 21.85 -0.01 -2.76 | 20.96 -0.03 -2.61 | 26.82 0.13 -2.34 | 35.69 -0.19 -3.30 | 32.79 -0.44 -3.70 | 32.37 -0.93 -2.35 | 41.77 -0.89 -0.34 | 36.57 -0.39 -1.07 | 27.95 -0.52 -3.62 | 29.88 -0.72 -1.44 | 26.19 -0.63 -2.02 | 25.84 -0.73 -2.25 | 24.69 -0.74 -4.50 | 20.92 -0.79 -4.58 | 32.40 -1.08 -3.25 | 27.58 -0.87 -2.93 | 26.97 -0.75 -4.48 | 32.07 -0.73 -3.16 | 28.35 -0.77 -1.26 | 29.69 -0.99 -0.84 | 28.20 -0.98 -1.82 |
| CHATEAUG_WT_PWR 323614 | 29.70 -0.16 0.00 | 25.04 -0.16 0.00 | 20.31 -0.20 0.00 | 18.90 -0.20 0.00 | 18.20 -0.17 0.00 | 24.23 -0.12 0.00 | 32.61 0.03 0.00 | 29.77 0.24 0.00 | 31.32 0.36 0.00 | 42.83 0.51 0.00 | 36.27 0.39 0.00 | 25.15 0.29 0.00 | 29.52 0.35 0.00 | 24.97 0.18 0.00 | 24.52 0.19 0.00 | 21.09 0.16 0.00 | 17.23 0.10 0.00 | 30.52 0.28 0.00 | 25.80 0.28 0.00 | 23.37 0.14 0.00 | 29.74 0.10 0.00 | 27.84 -0.01 0.00 | 29.69 -0.16 0.00 | 27.28 -0.09 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 29.78 -0.08 0.00 | 25.10 -0.11 0.00 | 20.36 -0.15 0.00 | 18.94 -0.16 0.00 | 18.24 -0.14 0.00 | 24.28 -0.07 0.00 | 32.67 0.09 0.00 | 29.75 0.22 0.00 | 31.28 0.32 0.00 | 42.73 0.41 0.00 | 36.17 0.28 0.00 | 25.06 0.21 0.00 | 29.43 0.26 0.00 | 24.92 0.12 0.00 | 24.47 0.14 0.00 | 21.07 0.14 0.00 | 17.21 0.08 0.00 | 30.47 0.23 0.00 | 25.77 0.26 0.00 | 23.35 0.11 0.00 | 29.70 0.06 0.00 | 27.81 -0.04 0.00 | 29.66 -0.18 0.00 | 27.26 -0.11 0.00 |
| CHAUTAUQUA___LFGE 323629 | 34.05 0.45 -3.73 | 29.52 0.14 -4.18 | 23.43 0.18 -2.73 | 22.31 0.45 -2.76 | 21.36 0.38 -2.62 | 27.33 0.64 -2.34 | 36.55 0.67 -3.30 | 33.69 0.46 -3.69 | 33.24 0.03 -2.26 | 43.09 0.43 -0.34 | 37.66 0.71 -1.07 | 28.74 0.29 -3.60 | 30.83 0.23 -1.43 | 27.01 0.20 -2.01 | 26.66 0.10 -2.24 | 25.39 -0.02 -4.48 | 21.39 -0.25 -4.52 | 33.32 -0.15 -3.23 | 28.16 -0.13 -2.77 | 27.51 -0.16 -4.44 | 32.75 -0.04 -3.15 | 28.82 -0.29 -1.26 | 30.06 -0.62 -0.84 | 28.66 -0.51 -1.81 |
| CH_MIDHUDSON___DRP 24192 | 55.25 2.53 -22.85 | 52.88 2.09 -25.58 | 38.95 1.69 -16.75 | 37.59 1.56 -16.93 | 35.88 1.47 -16.03 | 40.70 2.00 -14.35 | 55.35 2.74 -20.03 | 54.59 2.55 -22.51 | 51.30 2.70 -17.65 | 48.21 3.73 -2.16 | 45.81 3.20 -6.73 | 49.79 2.20 -22.73 | 40.72 2.52 -9.03 | 39.37 2.15 -12.42 | 40.18 2.13 -13.73 | 50.41 1.77 -27.71 | 49.69 1.46 -31.10 | 53.79 2.61 -20.94 | 53.97 2.22 -26.23 | 54.59 2.03 -29.32 | 52.74 2.63 -20.47 | 38.53 2.49 -8.18 | 37.97 2.70 -5.43 | 40.72 2.19 -11.17 |
| CH_MISC_IPPS 23765 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |
| CH_RES_BVR_FALLS 23983 | 29.29 -0.57 0.00 | 24.72 -0.48 0.00 | 20.10 -0.42 0.00 | 18.67 -0.43 0.00 | 17.98 -0.39 0.00 | 23.75 -0.60 0.00 | 31.68 -0.91 0.00 | 28.82 -0.72 0.00 | 30.23 -0.72 0.00 | 41.30 -1.01 0.00 | 34.88 -1.00 0.00 | 24.20 -0.66 0.00 | 28.47 -0.70 0.00 | 24.21 -0.59 0.00 | 23.81 -0.52 0.00 | 20.49 -0.44 0.00 | 16.75 -0.38 0.00 | 29.62 -0.61 0.00 | 24.87 -0.65 0.00 | 22.54 -0.69 0.00 | 28.68 -0.95 0.00 | 27.10 -0.75 0.00 | 29.20 -0.65 0.00 | 26.89 -0.48 0.00 |
| CH_RES_NIAGARA 23895 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| CH_RES_SYRACUSE 23985 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| CLINTON_WT_PWR 323605 | 29.70 -0.16 0.00 | 25.04 -0.16 0.00 | 20.31 -0.20 0.00 | 18.90 -0.20 0.00 | 18.20 -0.17 0.00 | 24.23 -0.12 0.00 | 32.61 0.03 0.00 | 29.77 0.24 0.00 | 31.32 0.36 0.00 | 42.83 0.51 0.00 | 36.27 0.39 0.00 | 25.15 0.29 0.00 | 29.52 0.35 0.00 | 24.97 0.18 0.00 | 24.52 0.19 0.00 | 21.09 0.16 0.00 | 17.23 0.10 0.00 | 30.52 0.28 0.00 | 25.80 0.28 0.00 | 23.37 0.14 0.00 | 29.74 0.10 0.00 | 27.84 -0.01 0.00 | 29.69 -0.16 0.00 | 27.28 -0.09 0.00 |
| CLINTON___LFGE 323618 | 30.09 0.22 0.00 | 25.35 0.15 0.00 | 20.56 0.05 0.00 | 19.14 0.04 0.00 | 18.43 0.06 0.00 | 24.56 0.21 0.00 | 33.12 0.54 0.00 | 30.46 0.92 0.00 | 32.06 1.10 0.00 | 43.88 1.56 0.00 | 37.21 1.33 0.00 | 25.80 0.95 0.00 | 30.27 1.10 0.00 | 25.56 0.77 0.00 | 25.08 0.75 0.00 | 21.57 0.64 0.00 | 17.62 0.49 0.00 | 31.30 1.07 0.00 | 26.47 0.95 0.00 | 23.97 0.73 0.00 | 30.51 0.87 0.00 | 28.49 0.63 0.00 | 30.30 0.46 0.00 | 27.80 0.43 0.00 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| COLONIE_LFGE__ 323577 | 63.43 2.02 -31.55 | 62.23 1.71 -35.33 | 45.02 1.38 -23.12 | 43.78 1.31 -23.37 | 41.76 1.24 -22.14 | 45.80 1.64 -19.81 | 62.40 2.16 -27.65 | 62.59 1.97 -31.08 | 57.46 2.09 -24.42 | 48.32 2.88 -3.12 | 47.65 2.47 -9.29 | 57.94 1.70 -31.39 | 43.65 2.02 -12.46 | 43.72 1.73 -17.19 | 45.02 1.69 -19.01 | 60.71 1.41 -38.37 | 83.37 1.14 -65.10 | 91.08 2.00 -58.84 | 96.15 1.70 -68.93 | 88.30 1.56 -63.51 | 92.06 2.03 -60.39 | 53.90 1.91 -24.13 | 47.93 2.06 -16.02 | 44.60 1.77 -15.46 |
| COPENHAGEN_WT_PWR 323753 | 31.35 0.28 -1.20 | 26.77 0.22 -1.35 | 21.58 0.18 -0.88 | 20.15 0.16 -0.89 | 19.45 0.23 -0.84 | 25.48 0.37 -0.76 | 34.19 0.55 -1.06 | 31.43 0.71 -1.19 | 32.27 0.37 -0.94 | 42.69 0.26 -0.11 | 36.41 0.17 -0.35 | 26.29 0.25 -1.19 | 29.95 0.31 -0.47 | 25.69 0.23 -0.66 | 25.21 0.15 -0.74 | 22.61 0.18 -1.49 | 18.41 0.36 -0.92 | 31.14 0.80 -0.10 | 26.36 0.55 -0.29 | 24.47 0.44 -0.79 | 30.04 0.41 0.00 | 28.14 0.29 0.00 | 30.14 0.30 0.00 | 28.08 0.11 -0.60 |
| CORNELL____ 23752 | 35.59 1.00 -4.73 | 31.30 0.80 -5.29 | 24.61 0.63 -3.47 | 23.27 0.67 -3.50 | 22.34 0.64 -3.32 | 28.23 0.91 -2.97 | 38.00 1.24 -4.17 | 35.37 1.12 -4.71 | 36.23 1.12 -4.15 | 44.34 1.57 -0.45 | 38.61 1.32 -1.40 | 30.48 0.88 -4.74 | 31.88 0.82 -1.88 | 28.13 0.64 -2.69 | 27.91 0.57 -3.01 | 27.54 0.58 -6.03 | 24.75 0.57 -7.05 | 36.13 1.15 -4.75 | 32.87 0.96 -6.38 | 30.74 0.91 -6.59 | 35.44 1.14 -4.67 | 30.68 0.97 -1.86 | 32.01 0.93 -1.24 | 30.63 0.83 -2.43 |
| COXSACKIE____GT 23611 | 61.10 2.95 -28.28 | 59.35 2.48 -31.66 | 43.28 2.04 -20.73 | 42.01 1.96 -20.95 | 40.15 1.93 -19.85 | 44.63 2.52 -17.76 | 60.61 3.24 -24.79 | 60.37 2.98 -27.86 | 55.96 3.14 -21.86 | 49.15 4.11 -2.72 | 47.39 3.18 -8.33 | 54.89 1.90 -28.13 | 42.63 2.29 -11.17 | 42.15 1.97 -15.39 | 43.27 1.93 -17.01 | 57.02 1.76 -34.33 | 64.55 1.72 -45.69 | 69.04 3.17 -35.64 | 71.28 2.66 -43.10 | 69.42 2.41 -43.77 | 68.48 3.07 -35.78 | 44.99 2.84 -14.30 | 42.37 3.03 -9.49 | 43.86 2.66 -13.83 |
| CPV_VALLEY____CC1 323721 | 50.29 1.90 -18.52 | 47.52 1.57 -20.74 | 35.38 1.29 -13.57 | 34.02 1.20 -13.72 | 32.50 1.13 -13.00 | 37.50 1.52 -11.63 | 50.91 2.09 -16.24 | 49.72 1.94 -18.24 | 47.28 2.03 -14.29 | 46.85 2.78 -1.75 | 43.74 2.40 -5.46 | 44.95 1.66 -18.43 | 38.38 1.89 -7.32 | 36.46 1.61 -10.06 | 37.03 1.59 -11.11 | 44.67 1.31 -22.42 | 43.29 1.09 -25.07 | 48.97 1.93 -16.81 | 48.24 1.64 -21.09 | 48.38 1.52 -23.62 | 48.05 1.99 -16.42 | 36.32 1.91 -6.56 | 36.24 2.04 -4.36 | 38.04 1.64 -9.04 |
| CPV_VALLEY____CC2 323722 | 50.29 1.90 -18.52 | 47.52 1.57 -20.74 | 35.38 1.29 -13.57 | 34.02 1.20 -13.72 | 32.50 1.13 -13.00 | 37.50 1.52 -11.63 | 50.91 2.09 -16.24 | 49.72 1.94 -18.24 | 47.28 2.03 -14.29 | 46.85 2.78 -1.75 | 43.74 2.40 -5.46 | 44.95 1.66 -18.43 | 38.38 1.89 -7.32 | 36.46 1.61 -10.06 | 37.03 1.59 -11.11 | 44.67 1.31 -22.42 | 43.29 1.09 -25.07 | 48.97 1.93 -16.81 | 48.24 1.64 -21.09 | 48.38 1.52 -23.62 | 48.05 1.99 -16.42 | 36.32 1.91 -6.56 | 36.24 2.04 -4.36 | 38.04 1.64 -9.04 |
| CRESCENT____HYD 24018 | 63.43 2.02 -31.55 | 62.23 1.71 -35.33 | 45.02 1.38 -23.12 | 43.78 1.31 -23.37 | 41.76 1.24 -22.14 | 45.80 1.64 -19.81 | 62.40 2.16 -27.65 | 62.59 1.97 -31.08 | 57.46 2.09 -24.42 | 48.32 2.88 -3.12 | 47.65 2.47 -9.29 | 57.94 1.70 -31.39 | 43.65 2.02 -12.46 | 43.72 1.73 -17.19 | 45.02 1.69 -19.01 | 60.71 1.41 -38.37 | 83.37 1.14 -65.10 | 91.08 2.00 -58.84 | 96.15 1.70 -68.93 | 88.30 1.56 -63.51 | 92.06 2.03 -60.39 | 53.90 1.91 -24.13 | 47.93 2.06 -16.02 | 44.60 1.77 -15.46 |
| CRICKET____VALLEY_CC1 323756 | 56.07 2.36 -23.84 | 53.82 1.92 -26.70 | 39.52 1.54 -17.47 | 38.17 1.41 -17.66 | 36.41 1.30 -16.73 | 41.12 1.80 -14.97 | 55.88 2.39 -20.90 | 55.22 2.20 -23.49 | 51.75 2.36 -18.43 | 47.86 3.29 -2.26 | 45.73 2.83 -7.02 | 50.55 1.97 -23.72 | 40.89 2.30 -9.42 | 39.73 1.97 -12.97 | 40.59 1.93 -14.34 | 51.43 1.56 -28.94 | 51.20 1.28 -32.80 | 54.81 2.28 -22.29 | 55.32 1.94 -27.86 | 55.96 1.78 -30.95 | 53.77 2.30 -21.83 | 38.78 2.20 -8.72 | 38.05 2.42 -5.79 | 41.02 1.99 -11.66 |
| CRICKET____VALLEY_CC2 323757 | 56.07 2.36 -23.84 | 53.82 1.92 -26.70 | 39.52 1.54 -17.47 | 38.17 1.41 -17.66 | 36.41 1.30 -16.73 | 41.12 1.80 -14.97 | 55.88 2.39 -20.90 | 55.22 2.20 -23.49 | 51.75 2.36 -18.43 | 47.86 3.29 -2.26 | 45.73 2.83 -7.02 | 50.55 1.97 -23.72 | 40.89 2.30 -9.42 | 39.73 1.97 -12.97 | 40.59 1.93 -14.34 | 51.43 1.56 -28.94 | 51.20 1.28 -32.80 | 54.81 2.28 -22.29 | 55.32 1.94 -27.86 | 55.96 1.78 -30.95 | 53.77 2.30 -21.83 | 38.78 2.20 -8.72 | 38.05 2.42 -5.79 | 41.02 1.99 -11.66 |
| CRICKET____VALLEY_CC3 323758 | 56.07 2.36 -23.84 | 53.82 1.92 -26.70 | 39.52 1.54 -17.47 | 38.17 1.41 -17.66 | 36.41 1.30 -16.73 | 41.12 1.80 -14.97 | 55.88 2.39 -20.90 | 55.22 2.20 -23.49 | 51.75 2.36 -18.43 | 47.86 3.29 -2.26 | 45.73 2.83 -7.02 | 50.55 1.97 -23.72 | 40.89 2.30 -9.42 | 39.73 1.97 -12.97 | 40.59 1.93 -14.34 | 51.43 1.56 -28.94 | 51.20 1.28 -32.80 | 54.81 2.28 -22.29 | 55.32 1.94 -27.86 | 55.96 1.78 -30.95 | 53.77 2.30 -21.83 | 38.78 2.20 -8.72 | 38.05 2.42 -5.79 | 41.02 1.99 -11.66 |
| CRUCIBLE_METL_DRP 24180 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| DAHOWA____HYDRO 323763 | 64.66 2.51 -32.28 | 63.45 2.10 -36.15 | 45.86 1.69 -23.66 | 44.61 1.59 -23.92 | 42.55 1.52 -22.66 | 46.75 2.13 -20.27 | 63.81 2.93 -28.30 | 64.02 2.68 -31.81 | 58.78 2.84 -25.00 | 49.40 3.87 -3.22 | 48.67 3.28 -9.51 | 59.24 2.26 -32.12 | 44.58 2.66 -12.75 | 44.65 2.26 -17.59 | 46.03 2.24 -19.45 | 62.14 1.94 -39.27 | 89.09 1.60 -70.36 | 98.38 2.87 -65.28 | 104.02 2.42 -76.08 | 94.31 2.20 -68.88 | 99.67 2.79 -67.24 | 57.26 2.54 -26.87 | 50.35 2.67 -17.84 | 45.50 2.31 -15.83 |
| DANC____LFGE 323619 | 31.25 -0.02 -1.41 | 26.75 -0.03 -1.58 | 21.53 -0.02 -1.03 | 20.13 -0.01 -1.05 | 19.39 0.03 -0.99 | 25.32 0.09 -0.88 | 33.94 0.13 -1.23 | 31.14 0.22 -1.39 | 32.04 -0.01 -1.10 | 42.28 -0.17 -0.13 | 36.16 -0.14 -0.41 | 26.23 -0.01 -1.39 | 29.69 -0.03 -0.55 | 25.53 -0.04 -0.78 | 25.09 -0.10 -0.86 | 22.62 -0.06 -1.74 | 18.30 0.10 -1.07 | 30.63 0.28 -0.12 | 26.01 0.15 -0.34 | 24.27 0.11 -0.93 | 29.67 0.03 0.00 | 27.80 -0.05 0.00 | 29.79 -0.06 0.00 | 27.94 -0.13 -0.70 |
| DANSKAMMER____1 23586 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |
| DANSKAMMER____2 23589 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___3 23590 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |
| DANSKAMMER___4 23591 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |
| DANSKAMMER___DIESEL 23592 | 54.91 2.66 -22.39 | 52.46 2.19 -25.07 | 38.70 1.77 -16.41 | 37.33 1.64 -16.59 | 35.65 1.56 -15.71 | 40.52 2.12 -14.06 | 55.12 2.92 -19.63 | 54.30 2.72 -22.05 | 51.10 2.86 -17.29 | 48.38 3.94 -2.12 | 45.84 3.36 -6.59 | 49.44 2.31 -22.28 | 40.65 2.63 -8.84 | 39.21 2.25 -12.17 | 39.99 2.22 -13.45 | 49.94 1.87 -27.14 | 49.14 1.56 -30.45 | 53.52 2.79 -20.49 | 53.56 2.37 -25.68 | 54.11 2.17 -28.71 | 52.47 2.81 -20.03 | 38.51 2.65 -8.00 | 38.01 2.85 -5.31 | 40.62 2.31 -10.94 |
| DASHVILLE___HYD 23610 | 55.51 1.98 -23.68 | 53.32 1.61 -26.51 | 39.17 1.30 -17.35 | 37.82 1.19 -17.54 | 36.09 1.10 -16.62 | 40.74 1.52 -14.87 | 55.50 2.17 -20.75 | 54.91 2.06 -23.32 | 51.40 2.20 -18.24 | 47.68 3.11 -2.25 | 45.47 2.62 -6.97 | 50.21 1.80 -23.55 | 40.52 2.00 -9.35 | 39.34 1.71 -12.84 | 40.21 1.71 -14.17 | 50.94 1.40 -28.61 | 52.17 1.17 -33.87 | 56.34 2.10 -24.00 | 57.01 1.80 -29.69 | 57.00 1.65 -32.10 | 55.50 2.17 -23.69 | 39.36 2.04 -9.47 | 38.34 2.21 -6.29 | 40.60 1.70 -11.53 |
| DELAWARE___LFGE 323621 | 39.66 1.45 -8.34 | 35.74 1.20 -9.34 | 27.60 0.97 -6.11 | 26.21 0.93 -6.18 | 25.11 0.88 -5.86 | 30.79 1.21 -5.24 | 41.57 1.66 -7.32 | 39.36 1.55 -8.28 | 39.55 1.72 -6.88 | 45.55 2.38 -0.85 | 40.41 2.00 -2.53 | 34.77 1.35 -8.56 | 34.08 1.51 -3.40 | 30.87 1.23 -4.85 | 30.92 1.18 -5.41 | 32.86 1.02 -10.91 | 36.00 0.87 -18.00 | 47.84 1.56 -16.04 | 45.71 1.34 -18.85 | 42.00 1.24 -17.53 | 47.65 1.58 -16.43 | 35.90 1.48 -6.56 | 35.76 1.55 -4.36 | 33.07 1.30 -4.40 |
| DOGLEVILLE___HYD 23807 | 30.52 0.65 0.00 | 25.79 0.59 0.00 | 20.98 0.46 0.00 | 19.55 0.46 0.00 | 18.82 0.45 0.00 | 24.96 0.61 0.00 | 33.48 0.90 0.00 | 30.39 0.86 0.00 | 31.91 0.95 0.00 | 43.40 1.08 0.00 | 36.74 0.86 0.00 | 25.43 0.57 0.00 | 29.79 0.62 0.00 | 25.30 0.50 0.00 | 24.78 0.45 0.00 | 21.32 0.39 0.00 | 17.53 0.40 0.00 | 31.05 0.81 0.00 | 26.17 0.65 0.00 | 23.89 0.65 0.00 | 30.56 0.92 0.00 | 28.70 0.84 0.00 | 30.73 0.89 0.00 | 28.03 0.66 0.00 |
| DUNKIRK___1 23563 | 34.00 0.41 -3.72 | 29.48 0.11 -4.17 | 23.37 0.13 -2.73 | 22.26 0.40 -2.76 | 21.32 0.33 -2.61 | 27.26 0.58 -2.34 | 36.45 0.58 -3.29 | 33.59 0.37 -3.69 | 33.13 -0.07 -2.25 | 42.96 0.30 -0.34 | 37.55 0.60 -1.06 | 28.66 0.21 -3.59 | 30.74 0.15 -1.43 | 26.92 0.12 -2.01 | 26.58 0.02 -2.23 | 25.33 -0.08 -4.47 | 21.33 -0.31 -4.51 | 33.22 -0.24 -3.23 | 28.07 -0.19 -2.74 | 27.46 -0.21 -4.43 | 32.70 -0.08 -3.14 | 28.80 -0.31 -1.25 | 30.06 -0.62 -0.83 | 28.64 -0.53 -1.80 |
| DUNKIRK___2 23564 | 34.00 0.41 -3.72 | 29.48 0.11 -4.17 | 23.37 0.13 -2.73 | 22.26 0.40 -2.76 | 21.32 0.33 -2.61 | 27.26 0.58 -2.34 | 36.45 0.58 -3.29 | 33.59 0.37 -3.69 | 33.13 -0.07 -2.25 | 42.96 0.30 -0.34 | 37.55 0.60 -1.06 | 28.66 0.21 -3.59 | 30.74 0.15 -1.43 | 26.92 0.12 -2.01 | 26.58 0.02 -2.23 | 25.33 -0.08 -4.47 | 21.33 -0.31 -4.51 | 33.22 -0.24 -3.23 | 28.07 -0.19 -2.74 | 27.46 -0.21 -4.43 | 32.70 -0.08 -3.14 | 28.80 -0.31 -1.25 | 30.06 -0.62 -0.83 | 28.64 -0.53 -1.80 |
| DUNKIRK___3 23565 | 33.79 0.23 -3.71 | 29.30 -0.05 -4.15 | 23.19 -0.04 -2.71 | 22.07 0.23 -2.75 | 21.14 0.16 -2.60 | 27.03 0.35 -2.33 | 36.10 0.24 -3.28 | 33.23 0.02 -3.67 | 32.72 -0.42 -2.20 | 42.46 -0.20 -0.34 | 37.12 0.17 -1.06 | 28.36 -0.08 -3.58 | 30.40 -0.19 -1.42 | 26.64 -0.16 -2.00 | 26.29 -0.26 -2.23 | 25.07 -0.33 -4.46 | 21.10 -0.50 -4.47 | 32.86 -0.59 -3.22 | 27.71 -0.47 -2.66 | 27.23 -0.42 -4.41 | 32.42 -0.34 -3.13 | 28.61 -0.49 -1.25 | 29.93 -0.75 -0.83 | 28.47 -0.69 -1.80 |
| DUNKIRK___4 23566 | 33.79 0.23 -3.71 | 29.30 -0.05 -4.15 | 23.19 -0.04 -2.71 | 22.07 0.23 -2.75 | 21.14 0.16 -2.60 | 27.03 0.35 -2.33 | 36.10 0.24 -3.28 | 33.23 0.02 -3.67 | 32.72 -0.42 -2.20 | 42.46 -0.20 -0.34 | 37.12 0.17 -1.06 | 28.36 -0.08 -3.58 | 30.40 -0.19 -1.42 | 26.64 -0.16 -2.00 | 26.29 -0.26 -2.23 | 25.07 -0.33 -4.46 | 21.10 -0.50 -4.47 | 32.86 -0.59 -3.22 | 27.71 -0.47 -2.66 | 27.23 -0.42 -4.41 | 32.42 -0.34 -3.13 | 28.61 -0.49 -1.25 | 29.93 -0.75 -0.83 | 28.47 -0.69 -1.80 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 54.70 2.54 -22.29 | 52.28 2.11 -24.96 | 38.59 1.74 -16.34 | 37.22 1.61 -16.52 | 35.54 1.52 -15.64 | 40.39 2.05 -14.00 | 54.97 2.84 -19.54 | 54.15 2.66 -21.96 | 50.98 2.80 -17.23 | 48.34 3.91 -2.11 | 45.84 3.39 -6.57 | 49.38 2.34 -22.18 | 40.65 2.68 -8.81 | 39.19 2.27 -12.12 | 39.95 2.23 -13.40 | 49.81 1.84 -27.04 | 48.84 1.50 -30.21 | 53.12 2.65 -20.24 | 53.15 2.24 -25.39 | 53.77 2.07 -28.47 | 52.09 2.68 -19.77 | 38.33 2.58 -7.90 | 37.86 2.77 -5.24 | 40.52 2.25 -10.90 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 53.79 2.34 -21.58 | 51.30 1.93 -24.17 | 37.90 1.57 -15.82 | 36.54 1.45 -15.99 | 34.90 1.38 -15.15 | 39.77 1.87 -13.55 | 54.07 2.57 -18.92 | 53.20 2.40 -21.26 | 50.13 2.52 -16.66 | 47.81 3.45 -2.04 | 45.18 2.93 -6.36 | 48.35 2.01 -21.48 | 39.99 2.29 -8.53 | 38.47 1.95 -11.73 | 39.21 1.93 -12.96 | 48.70 1.62 -26.15 | 47.83 1.36 -29.35 | 52.42 2.43 -19.75 | 52.33 2.07 -24.75 | 52.80 1.90 -27.66 | 51.42 2.47 -19.31 | 37.92 2.35 -7.72 | 37.48 2.51 -5.12 | 39.93 2.02 -10.54 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 54.66 2.50 -22.29 | 52.23 2.07 -24.96 | 38.55 1.70 -16.34 | 37.18 1.57 -16.52 | 35.50 1.48 -15.65 | 40.34 2.00 -14.00 | 54.91 2.79 -19.54 | 54.14 2.65 -21.96 | 51.01 2.83 -17.23 | 48.36 3.94 -2.11 | 45.94 3.49 -6.57 | 49.42 2.38 -22.18 | 40.70 2.72 -8.81 | 39.25 2.34 -12.12 | 40.00 2.27 -13.40 | 49.82 1.85 -27.04 | 48.85 1.51 -30.21 | 53.16 2.68 -20.24 | 53.19 2.27 -25.39 | 53.81 2.10 -28.47 | 52.13 2.72 -19.77 | 38.38 2.63 -7.90 | 37.90 2.81 -5.24 | 40.49 2.22 -10.90 |
| EAST HAMPTON___GT 23717 | 56.37 4.21 -22.30 | 58.42 3.68 -29.54 | 39.85 2.99 -16.34 | 38.43 2.81 -16.52 | 36.58 2.56 -15.65 | 41.67 3.32 -14.00 | 56.74 4.61 -19.55 | 55.64 4.14 -21.97 | 52.51 4.33 -17.23 | 78.92 6.04 -30.56 | 80.26 5.05 -39.33 | 83.48 3.63 -54.99 | 49.63 4.38 -16.08 | 40.31 3.39 -12.13 | 40.85 3.12 -13.40 | 51.13 2.75 -27.45 | 94.70 2.34 -75.23 | 147.74 4.21 -113.30 | 353.15 3.48 -324.15 | 118.06 3.15 -91.68 | 74.65 4.11 -40.90 | 40.55 3.89 -8.81 | 38.92 3.83 -5.25 | 58.86 3.68 -27.81 |
| EAST RIVER___6 23660 | 54.71 2.56 -22.29 | 52.28 2.12 -24.96 | 38.62 1.77 -16.34 | 37.24 1.63 -16.52 | 35.56 1.54 -15.64 | 40.43 2.09 -14.00 | 55.02 2.89 -19.54 | 54.23 2.73 -21.96 | 51.12 2.94 -17.23 | 48.60 4.18 -2.11 | 46.08 3.63 -6.57 | 49.52 2.49 -22.18 | 40.84 2.86 -8.81 | 39.36 2.44 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.90 1.57 -30.21 | 53.22 2.75 -20.24 | 53.20 2.30 -25.39 | 53.78 2.08 -28.47 | 52.12 2.71 -19.77 | 38.40 2.64 -7.90 | 37.93 2.85 -5.24 | 40.54 2.28 -10.90 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST RIVER___7 23524 | 54.71 2.56 -22.29 | 52.28 2.12 -24.96 | 38.62 1.77 -16.34 | 37.24 1.63 -16.52 | 35.56 1.54 -15.64 | 40.43 2.09 -14.00 | 55.02 2.89 -19.54 | 54.23 2.73 -21.96 | 51.12 2.94 -17.23 | 48.60 4.18 -2.11 | 46.08 3.63 -6.57 | 49.52 2.49 -22.18 | 40.84 2.86 -8.81 | 39.36 2.44 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.90 1.57 -30.21 | 53.22 2.75 -20.24 | 53.20 2.30 -25.39 | 53.78 2.08 -28.47 | 52.12 2.71 -19.77 | 38.40 2.64 -7.90 | 37.93 2.85 -5.24 | 40.54 2.28 -10.90 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 54.58 2.48 -22.23 | 52.15 2.06 -24.89 | 38.50 1.69 -16.29 | 37.13 1.57 -16.47 | 35.45 1.48 -15.60 | 40.30 1.99 -13.96 | 54.83 2.76 -19.49 | 54.01 2.58 -21.90 | 50.84 2.71 -17.18 | 48.20 3.78 -2.10 | 45.69 3.26 -6.55 | 49.23 2.26 -22.12 | 40.53 2.58 -8.78 | 39.07 2.19 -12.09 | 39.84 2.15 -13.36 | 49.67 1.77 -26.96 | 48.70 1.45 -30.13 | 52.99 2.57 -20.18 | 53.01 2.17 -25.32 | 53.63 2.01 -28.39 | 51.96 2.61 -19.71 | 38.23 2.50 -7.88 | 37.76 2.68 -5.23 | 40.41 2.18 -10.86 |
| EAST_HAMPTON___DIESEL 23722 | 56.38 4.22 -22.30 | 58.43 3.69 -29.54 | 39.85 3.00 -16.34 | 38.44 2.82 -16.52 | 36.58 2.56 -15.65 | 41.68 3.33 -14.00 | 56.74 4.61 -19.55 | 55.64 4.14 -21.97 | 52.52 4.34 -17.23 | 78.92 6.04 -30.56 | 80.27 5.06 -39.33 | 83.49 3.64 -54.99 | 49.64 4.38 -16.08 | 40.32 3.40 -12.13 | 40.86 3.13 -13.40 | 51.14 2.75 -27.45 | 94.71 2.34 -75.23 | 147.76 4.22 -113.30 | 353.16 3.49 -324.15 | 118.06 3.15 -91.68 | 74.65 4.11 -40.90 | 40.55 3.89 -8.81 | 38.93 3.83 -5.25 | 58.86 3.69 -27.81 |
| EAST_PULASKI___ESR 323781 | 31.18 -0.29 -1.60 | 26.76 -0.24 -1.80 | 21.51 -0.18 -1.18 | 20.13 -0.16 -1.19 | 19.37 -0.13 -1.13 | 25.19 -0.16 -1.01 | 33.74 -0.25 -1.40 | 30.89 -0.23 -1.58 | 31.85 -0.35 -1.25 | 41.91 -0.55 -0.14 | 35.94 -0.41 -0.47 | 26.19 -0.24 -1.58 | 29.46 -0.34 -0.63 | 25.39 -0.28 -0.88 | 24.99 -0.32 -0.98 | 22.66 -0.25 -1.99 | 18.21 -0.14 -1.22 | 30.18 -0.19 -0.13 | 25.69 -0.21 -0.39 | 24.10 -0.19 -1.05 | 29.34 -0.30 0.00 | 27.51 -0.34 0.00 | 29.46 -0.39 0.00 | 27.84 -0.33 -0.80 |
| EAST_RIVER___1 323558 | 54.67 2.51 -22.29 | 52.26 2.09 -24.96 | 38.59 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.64 | 40.40 2.05 -14.00 | 54.99 2.87 -19.54 | 54.20 2.70 -21.96 | 51.06 2.89 -17.23 | 48.50 4.07 -2.11 | 45.99 3.54 -6.57 | 49.47 2.43 -22.18 | 40.76 2.78 -8.81 | 39.29 2.38 -12.12 | 40.05 2.33 -13.40 | 49.87 1.90 -27.04 | 48.88 1.54 -30.21 | 53.19 2.71 -20.24 | 53.19 2.27 -25.39 | 53.79 2.08 -28.47 | 52.12 2.72 -19.77 | 38.38 2.63 -7.90 | 37.92 2.83 -5.24 | 40.53 2.27 -10.90 |
| EAST_RIVER___2 323559 | 54.71 2.56 -22.29 | 52.28 2.12 -24.96 | 38.62 1.77 -16.34 | 37.24 1.63 -16.52 | 35.56 1.54 -15.64 | 40.43 2.09 -14.00 | 55.02 2.89 -19.54 | 54.23 2.73 -21.96 | 51.12 2.94 -17.23 | 48.60 4.18 -2.11 | 46.08 3.63 -6.57 | 49.52 2.49 -22.18 | 40.84 2.86 -8.81 | 39.36 2.44 -12.12 | 40.12 2.39 -13.40 | 49.91 1.94 -27.04 | 48.90 1.57 -30.21 | 53.22 2.75 -20.24 | 53.20 2.30 -25.39 | 53.78 2.08 -28.47 | 52.12 2.71 -19.77 | 38.40 2.64 -7.90 | 37.93 2.85 -5.24 | 40.54 2.28 -10.90 |
| EAST___DELAWARE_HYD 23607 | 51.79 2.26 -19.67 | 49.07 1.85 -22.02 | 36.43 1.50 -14.41 | 35.05 1.39 -14.57 | 33.48 1.31 -13.80 | 38.50 1.81 -12.35 | 52.37 2.55 -17.24 | 51.28 2.41 -19.33 | 48.45 2.58 -14.91 | 47.50 3.32 -1.86 | 44.37 2.69 -5.79 | 46.24 1.82 -19.57 | 38.96 2.02 -7.77 | 37.02 1.74 -10.49 | 37.63 1.77 -11.53 | 45.74 1.55 -23.26 | 45.39 1.42 -26.85 | 51.35 2.54 -18.57 | 50.79 2.16 -23.11 | 50.60 1.98 -25.38 | 50.47 2.57 -18.25 | 37.55 2.41 -7.29 | 37.26 2.57 -4.84 | 38.77 2.03 -9.37 |
| EIGHT_POINT___WT_PWR 323820 | 35.12 0.86 -4.40 | 30.56 0.43 -4.93 | 24.04 0.31 -3.23 | 22.81 0.45 -3.26 | 21.90 0.44 -3.09 | 27.82 0.70 -2.77 | 37.29 0.67 -4.04 | 34.42 0.34 -4.55 | 37.76 0.22 -6.58 | 43.45 0.70 -0.43 | 38.19 0.95 -1.35 | 30.05 0.63 -4.56 | 31.59 0.61 -1.81 | 27.85 0.50 -2.56 | 27.57 0.42 -2.83 | 26.82 0.40 -5.49 | 24.79 0.27 -7.38 | 35.10 0.78 -4.09 | 35.63 0.76 -9.35 | 30.32 0.75 -6.33 | 34.66 1.03 -3.99 | 30.25 0.80 -1.59 | 31.55 0.65 -1.06 | 30.04 0.47 -2.20 |
| ELEC_TRO_TEK 24086 | 55.11 2.95 -22.30 | 57.25 2.51 -29.54 | 38.93 2.07 -16.34 | 37.54 1.92 -16.52 | 35.80 1.78 -15.65 | 40.69 2.33 -14.00 | 55.43 3.30 -19.55 | 54.58 3.08 -21.97 | 51.40 3.22 -17.23 | 77.35 4.47 -30.56 | 79.06 3.84 -39.33 | 82.54 2.70 -54.99 | 48.36 3.11 -16.08 | 39.46 2.54 -12.13 | 40.18 2.46 -13.40 | 50.47 2.09 -27.45 | 94.08 1.72 -75.23 | 146.63 3.10 -113.30 | 352.32 2.64 -324.15 | 117.32 2.40 -91.68 | 73.64 3.10 -40.90 | 39.57 2.91 -8.81 | 38.08 2.99 -5.25 | 57.85 2.67 -27.81 |
| ELLENBURG_WT_PWR 323604 | 29.70 -0.16 0.00 | 25.04 -0.16 0.00 | 20.31 -0.20 0.00 | 18.90 -0.20 0.00 | 18.20 -0.17 0.00 | 24.23 -0.12 0.00 | 32.61 0.03 0.00 | 29.77 0.24 0.00 | 31.32 0.36 0.00 | 42.83 0.51 0.00 | 36.27 0.39 0.00 | 25.15 0.29 0.00 | 29.52 0.35 0.00 | 24.97 0.18 0.00 | 24.52 0.19 0.00 | 21.09 0.16 0.00 | 17.23 0.10 0.00 | 30.52 0.28 0.00 | 25.80 0.28 0.00 | 23.37 0.14 0.00 | 29.74 0.10 0.00 | 27.84 -0.01 0.00 | 29.69 -0.16 0.00 | 27.28 -0.09 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 33.16 -0.23 -3.53 | 28.69 -0.46 -3.95 | 22.67 -0.43 -2.58 | 21.54 -0.17 -2.61 | 20.64 -0.20 -2.47 | 26.45 -0.11 -2.21 | 35.16 -0.54 -3.11 | 32.25 -0.78 -3.50 | 31.68 -1.29 -2.02 | 41.25 -1.40 -0.32 | 36.09 -0.81 -1.01 | 27.45 -0.83 -3.42 | 29.46 -1.07 -1.36 | 25.79 -0.91 -1.91 | 25.44 -1.02 -2.13 | 24.20 -0.99 -4.27 | 20.33 -1.02 -4.22 | 31.80 -1.49 -3.05 | 26.68 -1.23 -2.39 | 26.36 -1.06 -4.18 | 31.47 -1.14 -2.97 | 27.92 -1.11 -1.19 | 29.29 -1.34 -0.79 | 27.85 -1.24 -1.72 |
| EMPIRE_CC_1 323656 | 61.01 1.75 -29.40 | 59.61 1.48 -32.92 | 43.27 1.21 -21.55 | 42.02 1.14 -21.78 | 40.10 1.09 -20.64 | 44.22 1.41 -18.46 | 60.17 1.82 -25.77 | 60.13 1.64 -28.97 | 55.45 1.74 -22.75 | 47.55 2.43 -2.81 | 46.66 2.11 -8.66 | 55.55 1.45 -29.25 | 42.53 1.74 -11.61 | 42.30 1.49 -16.01 | 43.48 1.45 -17.71 | 57.86 1.19 -35.74 | 62.72 0.94 -44.64 | 64.99 1.61 -33.14 | 67.43 1.37 -40.54 | 67.04 1.28 -42.53 | 64.32 1.69 -32.99 | 42.67 1.64 -13.18 | 40.39 1.80 -8.75 | 43.28 1.51 -14.40 |
| EMPIRE_CC_2 323658 | 61.01 1.75 -29.40 | 59.61 1.48 -32.92 | 43.27 1.21 -21.55 | 42.02 1.14 -21.78 | 40.10 1.09 -20.64 | 44.22 1.41 -18.46 | 60.17 1.82 -25.77 | 60.13 1.64 -28.97 | 55.45 1.74 -22.75 | 47.55 2.43 -2.81 | 46.66 2.11 -8.66 | 55.55 1.45 -29.25 | 42.53 1.74 -11.61 | 42.30 1.49 -16.01 | 43.48 1.45 -17.71 | 57.86 1.19 -35.74 | 62.72 0.94 -44.64 | 64.99 1.61 -33.14 | 67.43 1.37 -40.54 | 67.04 1.28 -42.53 | 64.32 1.69 -32.99 | 42.67 1.64 -13.18 | 40.39 1.80 -8.75 | 43.28 1.51 -14.40 |
| ERIE_WT_PWR 323693 | 33.44 -0.03 -3.61 | 28.95 -0.29 -4.04 | 22.86 -0.30 -2.64 | 21.72 -0.05 -2.67 | 20.83 -0.07 -2.53 | 26.68 0.06 -2.27 | 35.49 -0.28 -3.18 | 32.59 -0.52 -3.58 | 32.06 -1.01 -2.12 | 41.63 -1.02 -0.33 | 36.44 -0.48 -1.04 | 27.76 -0.60 -3.50 | 29.76 -0.80 -1.39 | 26.06 -0.69 -1.96 | 25.70 -0.80 -2.17 | 24.49 -0.80 -4.36 | 20.63 -0.85 -4.35 | 32.18 -1.18 -3.13 | 27.11 -0.96 -2.55 | 26.71 -0.83 -4.30 | 31.86 -0.83 -3.05 | 28.22 -0.85 -1.22 | 29.58 -1.08 -0.81 | 28.11 -1.01 -1.76 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 35.53 0.96 -4.71 | 31.24 0.77 -5.27 | 24.57 0.61 -3.45 | 23.23 0.65 -3.49 | 22.30 0.62 -3.30 | 28.18 0.87 -2.96 | 37.93 1.20 -4.15 | 35.30 1.08 -4.69 | 36.10 1.07 -4.08 | 44.25 1.48 -0.45 | 38.54 1.25 -1.39 | 30.40 0.83 -4.71 | 31.83 0.79 -1.87 | 28.09 0.61 -2.68 | 27.87 0.55 -3.00 | 27.49 0.55 -6.01 | 24.69 0.54 -7.02 | 36.07 1.09 -4.75 | 32.73 0.91 -6.30 | 30.66 0.85 -6.57 | 35.39 1.09 -4.67 | 30.63 0.91 -1.86 | 31.96 0.87 -1.24 | 30.58 0.79 -2.42 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| E_CANADA_CAP_HY 24051 | 71.05 2.04 -39.15 | 70.71 1.67 -43.83 | 50.55 1.35 -28.69 | 49.35 1.25 -29.01 | 47.04 1.19 -27.47 | 50.62 1.68 -24.58 | 69.18 2.28 -34.32 | 70.23 2.11 -38.58 | 63.65 2.29 -30.40 | 49.10 2.97 -3.81 | 49.73 2.30 -11.54 | 65.39 1.54 -38.99 | 46.39 1.74 -15.48 | 47.55 1.36 -21.40 | 49.30 1.29 -23.68 | 69.97 1.25 -47.79 | 89.00 1.23 -70.65 | 91.59 2.21 -59.15 | 97.78 1.85 -70.41 | 93.18 1.70 -68.25 | 91.73 2.06 -60.04 | 53.76 1.91 -23.99 | 47.72 1.95 -15.93 | 48.40 1.77 -19.26 |
| E_CANADA_MHWK_HY 24050 | 30.52 0.65 0.00 | 25.79 0.59 0.00 | 20.98 0.46 0.00 | 19.55 0.46 0.00 | 18.82 0.45 0.00 | 24.96 0.61 0.00 | 33.48 0.90 0.00 | 30.39 0.86 0.00 | 31.91 0.95 0.00 | 43.40 1.08 0.00 | 36.74 0.86 0.00 | 25.43 0.57 0.00 | 29.79 0.62 0.00 | 25.30 0.50 0.00 | 24.78 0.45 0.00 | 21.32 0.39 0.00 | 17.53 0.40 0.00 | 31.05 0.81 0.00 | 26.17 0.65 0.00 | 23.89 0.65 0.00 | 30.56 0.92 0.00 | 28.70 0.84 0.00 | 30.73 0.89 0.00 | 28.03 0.66 0.00 |
| E_FISHKILL___LBMP 23776 | 55.11 2.34 -22.90 | 52.78 1.94 -25.64 | 38.88 1.58 -16.78 | 37.52 1.46 -16.97 | 35.82 1.37 -16.07 | 40.59 1.86 -14.38 | 55.20 2.55 -20.07 | 54.46 2.37 -22.56 | 51.15 2.50 -17.70 | 47.96 3.47 -2.16 | 45.62 2.99 -6.74 | 49.71 2.07 -22.79 | 40.60 2.39 -9.05 | 39.28 2.03 -12.46 | 40.08 1.99 -13.77 | 50.35 1.64 -27.78 | 49.50 1.34 -31.02 | 53.39 2.38 -20.78 | 53.60 2.01 -26.07 | 54.33 1.86 -29.23 | 52.34 2.41 -20.29 | 38.27 2.31 -8.11 | 37.72 2.49 -5.38 | 40.60 2.03 -11.19 |
| FALCON___SEABRD_CC1 323796 | 29.82 -0.05 0.00 | 25.13 -0.07 0.00 | 20.38 -0.13 0.00 | 18.97 -0.13 0.00 | 18.27 -0.10 0.00 | 24.35 0.00 0.00 | 32.82 0.24 0.00 | 30.24 0.70 0.00 | 31.84 0.88 0.00 | 43.57 1.25 0.00 | 36.93 1.04 0.00 | 25.63 0.77 0.00 | 30.06 0.89 0.00 | 25.38 0.58 0.00 | 24.88 0.56 0.00 | 21.40 0.47 0.00 | 17.48 0.35 0.00 | 31.07 0.83 0.00 | 26.27 0.76 0.00 | 23.80 0.56 0.00 | 30.31 0.67 0.00 | 28.29 0.44 0.00 | 30.12 0.27 0.00 | 27.65 0.28 0.00 |
| FALCON___SEABRD_CC2 323797 | 29.82 -0.05 0.00 | 25.13 -0.07 0.00 | 20.38 -0.13 0.00 | 18.97 -0.13 0.00 | 18.27 -0.10 0.00 | 24.35 0.00 0.00 | 32.82 0.24 0.00 | 30.24 0.70 0.00 | 31.84 0.88 0.00 | 43.57 1.25 0.00 | 36.93 1.04 0.00 | 25.63 0.77 0.00 | 30.06 0.89 0.00 | 25.38 0.58 0.00 | 24.88 0.56 0.00 | 21.40 0.47 0.00 | 17.48 0.35 0.00 | 31.07 0.83 0.00 | 26.27 0.76 0.00 | 23.80 0.56 0.00 | 30.31 0.67 0.00 | 28.29 0.44 0.00 | 30.12 0.27 0.00 | 27.65 0.28 0.00 |
| FAR ROCKAWAY___4 23548 | 55.60 3.44 -22.30 | 57.67 2.93 -29.54 | 39.26 2.40 -16.34 | 37.86 2.24 -16.52 | 36.10 2.08 -15.65 | 41.10 2.75 -14.00 | 56.02 3.89 -19.55 | 55.11 3.61 -21.97 | 51.95 3.76 -17.23 | 78.13 5.25 -30.56 | 79.69 4.48 -39.33 | 82.98 3.13 -54.99 | 48.85 3.59 -16.08 | 39.87 2.95 -12.13 | 40.60 2.87 -13.40 | 50.84 2.45 -27.46 | 94.17 1.81 -75.23 | 146.63 3.10 -113.30 | 352.31 2.64 -324.15 | 117.34 2.42 -91.68 | 73.68 3.14 -40.90 | 39.82 3.17 -8.81 | 38.61 3.52 -5.25 | 58.31 3.13 -27.81 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 54.71 2.55 -22.29 | 52.29 2.13 -24.96 | 38.62 1.77 -16.34 | 37.24 1.63 -16.52 | 35.57 1.54 -15.64 | 40.43 2.09 -14.00 | 55.04 2.91 -19.54 | 54.24 2.74 -21.96 | 51.11 2.93 -17.23 | 48.55 4.13 -2.11 | 46.03 3.58 -6.57 | 49.50 2.46 -22.18 | 40.78 2.81 -8.81 | 39.31 2.39 -12.12 | 40.07 2.35 -13.40 | 49.89 1.92 -27.04 | 48.90 1.56 -30.21 | 53.22 2.75 -20.24 | 53.22 2.31 -25.39 | 53.82 2.12 -28.47 | 52.16 2.76 -19.77 | 38.42 2.66 -7.90 | 37.96 2.87 -5.24 | 40.57 2.30 -10.90 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 54.73 2.57 -22.29 | 52.31 2.15 -24.96 | 38.64 1.78 -16.34 | 37.25 1.64 -16.52 | 35.58 1.56 -15.64 | 40.44 2.09 -14.00 | 55.05 2.93 -19.54 | 54.26 2.76 -21.96 | 51.12 2.94 -17.23 | 48.58 4.15 -2.11 | 46.05 3.60 -6.57 | 49.51 2.47 -22.18 | 40.80 2.82 -8.81 | 39.32 2.40 -12.12 | 40.08 2.36 -13.40 | 49.90 1.93 -27.04 | 48.90 1.56 -30.21 | 53.24 2.77 -20.24 | 53.23 2.32 -25.39 | 53.84 2.13 -28.47 | 52.18 2.78 -19.77 | 38.44 2.68 -7.90 | 37.98 2.89 -5.24 | 40.59 2.33 -10.90 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 54.69 2.53 -22.29 | 52.27 2.11 -24.96 | 38.61 1.76 -16.34 | 37.24 1.62 -16.52 | 35.56 1.54 -15.64 | 40.41 2.07 -14.00 | 55.01 2.89 -19.54 | 54.22 2.73 -21.96 | 51.09 2.91 -17.23 | 48.53 4.11 -2.11 | 46.01 3.56 -6.57 | 49.48 2.44 -22.18 | 40.76 2.79 -8.81 | 39.29 2.38 -12.12 | 40.06 2.33 -13.40 | 49.88 1.91 -27.04 | 48.89 1.55 -30.21 | 53.20 2.73 -20.24 | 53.20 2.29 -25.39 | 53.80 2.10 -28.47 | 52.14 2.73 -19.77 | 38.40 2.64 -7.90 | 37.94 2.85 -5.24 | 40.55 2.29 -10.90 |
| FARRAGUT___LBMP 323566 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.59 1.74 -16.34 | 37.22 1.61 -16.52 | 35.54 1.52 -15.64 | 40.40 2.05 -14.00 | 54.99 2.87 -19.54 | 54.20 2.70 -21.96 | 51.06 2.88 -17.23 | 48.49 4.06 -2.11 | 45.98 3.52 -6.57 | 49.45 2.41 -22.18 | 40.74 2.76 -8.81 | 39.27 2.35 -12.12 | 40.03 2.31 -13.40 | 49.86 1.89 -27.04 | 48.87 1.53 -30.21 | 53.17 2.70 -20.24 | 53.18 2.27 -25.39 | 53.79 2.08 -28.47 | 52.11 2.70 -19.77 | 38.38 2.63 -7.90 | 37.92 2.83 -5.24 | 40.53 2.27 -10.90 |
| FENNER___WINDPWR 24204 | 33.20 0.75 -2.59 | 28.72 0.62 -2.90 | 22.92 0.51 -1.90 | 21.53 0.51 -1.92 | 20.69 0.50 -1.82 | 26.69 0.71 -1.63 | 35.86 1.00 -2.28 | 33.03 0.93 -2.57 | 33.95 0.94 -2.05 | 43.84 1.27 -0.24 | 37.63 0.98 -0.76 | 28.05 0.61 -2.58 | 30.82 0.63 -1.02 | 26.74 0.50 -1.45 | 26.41 0.47 -1.61 | 24.64 0.46 -3.24 | 21.03 0.44 -3.46 | 33.33 0.89 -2.21 | 29.07 0.74 -2.81 | 27.15 0.67 -3.25 | 32.62 0.85 -2.14 | 29.44 0.73 -0.85 | 31.12 0.71 -0.57 | 29.29 0.62 -1.31 |
| FIBERTEK___ENERGY 23856 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| FITZPATRICK____ 23598 | 30.39 -0.81 -1.34 | 26.03 -0.67 -1.50 | 20.97 -0.52 -0.98 | 19.63 -0.46 -0.99 | 18.87 -0.44 -0.94 | 24.57 -0.62 -0.84 | 32.86 -0.90 -1.17 | 29.97 -0.89 -1.32 | 31.02 -0.98 -1.05 | 41.09 -1.35 -0.12 | 35.19 -1.09 -0.39 | 25.46 -0.71 -1.32 | 28.80 -0.90 -0.52 | 24.79 -0.74 -0.74 | 24.39 -0.75 -0.82 | 21.97 -0.62 -1.66 | 17.65 -0.50 -1.02 | 29.44 -0.91 -0.11 | 25.04 -0.80 -0.32 | 23.39 -0.72 -0.88 | 28.71 -0.93 0.00 | 26.95 -0.90 0.00 | 28.87 -0.98 0.00 | 27.25 -0.79 -0.67 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 55.06 2.73 -22.47 | 52.61 2.25 -25.16 | 38.80 1.82 -16.47 | 37.43 1.69 -16.65 | 35.74 1.60 -15.77 | 40.63 2.17 -14.11 | 55.27 2.99 -19.70 | 54.46 2.79 -22.13 | 51.25 2.94 -17.36 | 48.49 4.04 -2.12 | 45.95 3.45 -6.62 | 49.58 2.37 -22.36 | 40.76 2.71 -8.88 | 39.32 2.31 -12.22 | 40.11 2.29 -13.50 | 50.10 1.92 -27.24 | 49.28 1.60 -30.55 | 53.66 2.87 -20.55 | 53.70 2.43 -25.76 | 54.27 2.23 -28.80 | 52.60 2.88 -20.09 | 38.59 2.71 -8.03 | 38.09 2.91 -5.33 | 40.72 2.37 -10.98 |
| FORT ORANGE____ 23900 | 61.84 1.58 -30.40 | 60.57 1.32 -34.04 | 43.91 1.12 -22.28 | 42.70 1.08 -22.53 | 40.80 1.08 -21.34 | 44.78 1.34 -19.09 | 60.80 1.57 -26.65 | 60.82 1.33 -29.95 | 55.89 1.41 -23.53 | 47.24 1.97 -2.95 | 46.54 1.70 -8.95 | 56.18 1.08 -30.24 | 42.57 1.39 -12.01 | 42.56 1.20 -16.56 | 43.78 1.14 -18.31 | 58.84 0.94 -36.96 | 71.10 0.77 -53.19 | 75.38 1.35 -43.79 | 78.98 1.14 -52.32 | 75.57 1.05 -51.28 | 75.34 1.37 -44.34 | 46.93 1.36 -17.71 | 43.11 1.50 -11.76 | 43.68 1.42 -14.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| FORT_DRUM_COGEN 23780 | 31.33 0.34 -1.12 | 26.74 0.28 -1.26 | 21.57 0.23 -0.82 | 20.14 0.21 -0.83 | 19.44 0.28 -0.79 | 25.52 0.46 -0.71 | 34.29 0.73 -0.98 | 31.50 0.86 -1.11 | 32.45 0.62 -0.88 | 43.00 0.58 -0.10 | 36.62 0.41 -0.33 | 26.31 0.35 -1.11 | 30.03 0.41 -0.44 | 25.72 0.31 -0.62 | 25.25 0.23 -0.69 | 22.58 0.25 -1.39 | 18.42 0.44 -0.86 | 31.28 0.95 -0.09 | 26.50 0.70 -0.27 | 24.56 0.59 -0.74 | 30.23 0.59 0.00 | 28.27 0.42 0.00 | 30.26 0.41 0.00 | 28.14 0.22 -0.56 |
| FPL_FAR_ROCK_GT1 24212 | 55.60 3.44 -22.30 | 57.67 2.93 -29.54 | 39.26 2.40 -16.34 | 37.86 2.24 -16.52 | 36.10 2.08 -15.65 | 41.10 2.75 -14.00 | 56.02 3.89 -19.55 | 55.11 3.61 -21.97 | 51.95 3.76 -17.23 | 78.13 5.25 -30.56 | 79.69 4.48 -39.33 | 82.98 3.13 -54.99 | 48.85 3.59 -16.08 | 39.87 2.95 -12.13 | 40.60 2.87 -13.40 | 50.84 2.45 -27.46 | 94.17 1.81 -75.23 | 146.63 3.10 -113.30 | 352.31 2.64 -324.15 | 117.34 2.42 -91.68 | 73.68 3.14 -40.90 | 39.82 3.17 -8.81 | 38.61 3.52 -5.25 | 58.31 3.13 -27.81 |
| FPL_FAR_ROCK_GT2 23815 | 55.60 3.44 -22.30 | 57.67 2.93 -29.54 | 39.26 2.40 -16.34 | 37.86 2.24 -16.52 | 36.10 2.08 -15.65 | 41.10 2.75 -14.00 | 56.02 3.89 -19.55 | 55.11 3.61 -21.97 | 51.95 3.76 -17.23 | 78.13 5.25 -30.56 | 79.69 4.48 -39.33 | 82.98 3.13 -54.99 | 48.85 3.59 -16.08 | 39.87 2.95 -12.13 | 40.60 2.87 -13.40 | 50.84 2.45 -27.46 | 94.17 1.81 -75.23 | 146.63 3.10 -113.30 | 352.31 2.64 -324.15 | 117.34 2.42 -91.68 | 73.68 3.14 -40.90 | 39.82 3.17 -8.81 | 38.61 3.52 -5.25 | 58.31 3.13 -27.81 |
| FRANKLIN_FALL_HYD 24054 | 29.91 0.04 0.00 | 25.18 -0.02 0.00 | 20.44 -0.07 0.00 | 19.01 -0.08 0.00 | 18.32 -0.05 0.00 | 24.39 0.04 0.00 | 32.85 0.26 0.00 | 29.98 0.45 0.00 | 31.54 0.58 0.00 | 43.13 0.81 0.00 | 36.45 0.56 0.00 | 25.23 0.37 0.00 | 29.61 0.43 0.00 | 25.05 0.26 0.00 | 24.62 0.29 0.00 | 21.20 0.27 0.00 | 17.34 0.20 0.00 | 30.70 0.47 0.00 | 25.96 0.44 0.00 | 23.52 0.28 0.00 | 29.88 0.25 0.00 | 27.98 0.13 0.00 | 29.88 0.04 0.00 | 27.39 0.02 0.00 |
| FREEPORT_EQUS_GT1 23764 | 55.29 3.13 -22.30 | 57.39 2.65 -29.54 | 39.03 2.18 -16.34 | 37.64 2.02 -16.52 | 35.90 1.87 -15.65 | 40.78 2.43 -14.00 | 55.59 3.47 -19.55 | 54.72 3.22 -21.97 | 51.55 3.37 -17.23 | 77.55 4.67 -30.56 | 79.20 3.99 -39.33 | 82.63 2.78 -54.99 | 48.46 3.20 -16.08 | 39.53 2.61 -12.13 | 40.25 2.52 -13.40 | 50.56 2.17 -27.45 | 94.10 1.74 -75.23 | 146.68 3.15 -113.30 | 352.53 2.85 -324.15 | 117.51 2.60 -91.68 | 73.88 3.35 -40.90 | 39.78 3.12 -8.81 | 38.30 3.21 -5.25 | 58.06 2.88 -27.81 |
| FREEPORT___CT2 23818 | 55.29 3.13 -22.30 | 57.39 2.65 -29.54 | 39.03 2.18 -16.34 | 37.64 2.02 -16.52 | 35.90 1.87 -15.65 | 40.78 2.43 -14.00 | 55.59 3.47 -19.55 | 54.72 3.22 -21.97 | 51.55 3.37 -17.23 | 77.55 4.67 -30.56 | 79.20 3.99 -39.33 | 82.63 2.78 -54.99 | 48.46 3.20 -16.08 | 39.53 2.61 -12.13 | 40.25 2.52 -13.40 | 50.56 2.17 -27.45 | 94.10 1.74 -75.23 | 146.68 3.15 -113.30 | 352.53 2.85 -324.15 | 117.51 2.60 -91.68 | 73.88 3.35 -40.90 | 39.78 3.12 -8.81 | 38.30 3.21 -5.25 | 58.06 2.88 -27.81 |
| FULTON COGEN____ 23766 | 31.19 -0.42 -1.75 | 26.80 -0.36 -1.96 | 21.53 -0.26 -1.29 | 20.18 -0.21 -1.30 | 19.40 -0.20 -1.23 | 25.16 -0.28 -1.10 | 33.67 -0.44 -1.53 | 30.79 -0.46 -1.72 | 31.78 -0.54 -1.37 | 41.74 -0.74 -0.16 | 35.82 -0.58 -0.51 | 26.22 -0.36 -1.72 | 29.36 -0.49 -0.68 | 25.35 -0.41 -0.96 | 24.97 -0.43 -1.07 | 22.77 -0.33 -2.17 | 18.22 -0.25 -1.33 | 29.94 -0.44 -0.15 | 25.55 -0.40 -0.42 | 24.04 -0.35 -1.15 | 29.18 -0.46 0.00 | 27.36 -0.49 0.00 | 29.28 -0.57 0.00 | 27.81 -0.43 -0.87 |
| FULTON___LFGE 323630 | 69.97 3.22 -36.88 | 69.15 2.65 -41.30 | 49.68 2.14 -27.03 | 48.43 2.01 -27.33 | 46.18 1.92 -25.89 | 50.17 2.66 -23.16 | 68.65 3.73 -32.33 | 69.33 3.45 -36.35 | 63.27 3.70 -28.62 | 50.35 4.40 -3.63 | 49.93 3.17 -10.87 | 63.63 2.05 -36.72 | 46.07 2.32 -14.58 | 46.83 1.89 -20.14 | 48.49 1.88 -22.28 | 67.88 1.97 -44.98 | 91.45 2.01 -72.32 | 97.56 3.76 -63.57 | 103.59 3.18 -74.89 | 96.39 2.87 -70.29 | 98.18 3.55 -64.98 | 57.05 3.23 -25.97 | 50.31 3.23 -17.24 | 48.30 2.81 -18.13 |
| G.F.CEMENT___DRP 24184 | 65.08 2.76 -32.46 | 63.85 2.31 -36.34 | 46.14 1.84 -23.79 | 44.88 1.74 -24.05 | 42.82 1.66 -22.78 | 47.13 2.40 -20.38 | 64.38 3.34 -28.45 | 64.59 3.07 -31.98 | 59.35 3.27 -25.13 | 50.05 4.49 -3.24 | 49.25 3.81 -9.56 | 59.77 2.62 -32.29 | 45.05 3.06 -12.82 | 45.07 2.59 -17.69 | 46.45 2.56 -19.56 | 62.64 2.23 -39.48 | 90.43 1.85 -71.45 | 100.16 3.33 -66.60 | 105.87 2.81 -77.54 | 95.76 2.54 -69.99 | 101.49 3.21 -68.64 | 58.15 2.87 -27.43 | 51.06 3.01 -18.21 | 45.89 2.61 -15.91 |
| GARDENVILLE___LBMP 24039 | 33.34 -0.11 -3.59 | 28.87 -0.36 -4.02 | 22.80 -0.34 -2.63 | 21.67 -0.09 -2.66 | 20.77 -0.12 -2.52 | 26.60 -0.01 -2.26 | 35.37 -0.38 -3.18 | 32.49 -0.61 -3.57 | 31.86 -1.11 -2.01 | 41.50 -1.15 -0.33 | 36.33 -0.59 -1.03 | 27.68 -0.67 -3.49 | 29.68 -0.88 -1.39 | 25.99 -0.75 -1.95 | 25.63 -0.86 -2.17 | 24.43 -0.85 -4.35 | 20.51 -0.89 -4.27 | 32.09 -1.27 -3.13 | 26.82 -1.04 -2.34 | 26.59 -0.90 -4.26 | 31.74 -0.94 -3.04 | 28.12 -0.94 -1.21 | 29.48 -1.17 -0.81 | 28.02 -1.10 -1.75 |
| GENERAL___MILLS 23808 | 33.42 -0.05 -3.61 | 28.94 -0.30 -4.04 | 22.85 -0.31 -2.64 | 21.72 -0.05 -2.67 | 20.82 -0.09 -2.53 | 26.66 0.04 -2.27 | 35.47 -0.30 -3.18 | 32.56 -0.55 -3.58 | 32.03 -1.04 -2.12 | 41.60 -1.05 -0.33 | 36.41 -0.51 -1.04 | 27.74 -0.62 -3.50 | 29.74 -0.82 -1.39 | 26.04 -0.70 -1.96 | 25.68 -0.82 -2.17 | 24.48 -0.82 -4.36 | 20.62 -0.86 -4.35 | 32.16 -1.21 -3.13 | 27.09 -0.98 -2.55 | 26.69 -0.84 -4.30 | 31.83 -0.86 -3.05 | 28.20 -0.87 -1.22 | 29.56 -1.10 -0.81 | 28.09 -1.04 -1.76 |
| GE_PLASTICS___DRP 24183 | 61.59 1.48 -30.25 | 60.31 1.24 -33.87 | 43.72 1.04 -22.17 | 42.50 0.99 -22.41 | 40.58 0.98 -21.23 | 44.58 1.24 -18.99 | 60.64 1.55 -26.51 | 60.74 1.41 -29.80 | 55.86 1.49 -23.41 | 47.31 2.08 -2.91 | 46.61 1.82 -8.91 | 56.15 1.20 -30.09 | 42.60 1.49 -11.95 | 42.55 1.28 -16.48 | 43.77 1.22 -18.22 | 58.71 1.01 -36.77 | 67.77 0.83 -49.81 | 71.02 1.44 -39.34 | 74.18 1.22 -47.44 | 72.14 1.12 -47.78 | 70.67 1.46 -39.57 | 45.08 1.42 -15.81 | 41.91 1.56 -10.50 | 43.51 1.32 -14.82 |
| GILBOA___1 23756 | 54.05 1.51 -22.68 | 51.85 1.25 -25.39 | 38.16 1.03 -16.62 | 36.87 0.97 -16.80 | 35.21 0.92 -15.91 | 39.81 1.22 -14.24 | 54.09 1.63 -19.88 | 53.38 1.50 -22.34 | 50.09 1.58 -17.56 | 46.65 2.19 -2.14 | 44.46 1.90 -6.68 | 48.72 1.30 -22.57 | 39.64 1.51 -8.96 | 38.44 1.29 -12.36 | 39.25 1.26 -13.66 | 49.55 1.04 -27.58 | 47.88 0.85 -29.89 | 51.10 1.46 -19.40 | 51.34 1.28 -24.54 | 52.50 1.19 -28.08 | 50.01 1.54 -18.83 | 36.84 1.47 -7.52 | 36.43 1.59 -5.00 | 39.79 1.31 -11.11 |
| GILBOA___2 23757 | 54.05 1.51 -22.68 | 51.85 1.25 -25.39 | 38.16 1.03 -16.62 | 36.87 0.97 -16.80 | 35.21 0.92 -15.91 | 39.81 1.22 -14.24 | 54.09 1.63 -19.88 | 53.38 1.50 -22.34 | 50.09 1.58 -17.56 | 46.65 2.19 -2.14 | 44.46 1.90 -6.68 | 48.72 1.30 -22.57 | 39.64 1.51 -8.96 | 38.44 1.29 -12.36 | 39.25 1.26 -13.66 | 49.55 1.04 -27.58 | 47.88 0.85 -29.89 | 51.10 1.46 -19.40 | 51.34 1.28 -24.54 | 52.50 1.19 -28.08 | 50.01 1.54 -18.83 | 36.84 1.47 -7.52 | 36.43 1.59 -5.00 | 39.79 1.31 -11.11 |
| GILBOA___3 23758 | 54.05 1.51 -22.68 | 51.85 1.25 -25.39 | 38.16 1.03 -16.62 | 36.87 0.97 -16.80 | 35.21 0.92 -15.91 | 39.81 1.22 -14.24 | 54.09 1.63 -19.88 | 53.38 1.50 -22.34 | 50.09 1.58 -17.56 | 46.65 2.19 -2.14 | 44.46 1.90 -6.68 | 48.72 1.30 -22.57 | 39.64 1.51 -8.96 | 38.44 1.29 -12.36 | 39.25 1.26 -13.66 | 49.55 1.04 -27.58 | 47.88 0.85 -29.89 | 51.10 1.46 -19.40 | 51.34 1.28 -24.54 | 52.50 1.19 -28.08 | 50.01 1.54 -18.83 | 36.84 1.47 -7.52 | 36.43 1.59 -5.00 | 39.79 1.31 -11.11 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GILBOA___4 23759 | 54.05 1.51 -22.68 | 51.85 1.25 -25.39 | 38.16 1.03 -16.62 | 36.87 0.97 -16.80 | 35.21 0.92 -15.91 | 39.81 1.22 -14.24 | 54.09 1.63 -19.88 | 53.38 1.50 -22.34 | 50.09 1.58 -17.56 | 46.65 2.19 -2.14 | 44.46 1.90 -6.68 | 48.72 1.30 -22.57 | 39.64 1.51 -8.96 | 38.44 1.29 -12.36 | 39.25 1.26 -13.66 | 49.55 1.04 -27.58 | 47.88 0.85 -29.89 | 51.10 1.46 -19.40 | 51.34 1.28 -24.54 | 52.50 1.19 -28.08 | 50.01 1.54 -18.83 | 36.84 1.47 -7.52 | 36.43 1.59 -5.00 | 39.79 1.31 -11.11 |
| GILBOA____ 23599 | 54.05 1.51 -22.68 | 51.85 1.25 -25.39 | 38.16 1.03 -16.62 | 36.87 0.97 -16.80 | 35.21 0.92 -15.91 | 39.81 1.22 -14.24 | 54.09 1.63 -19.88 | 53.38 1.50 -22.34 | 50.09 1.58 -17.56 | 46.65 2.19 -2.14 | 44.46 1.90 -6.68 | 48.72 1.30 -22.57 | 39.64 1.51 -8.96 | 38.44 1.29 -12.36 | 39.25 1.26 -13.66 | 49.55 1.04 -27.58 | 47.88 0.85 -29.89 | 51.10 1.46 -19.40 | 51.34 1.28 -24.54 | 52.50 1.19 -28.08 | 50.01 1.54 -18.83 | 36.84 1.47 -7.52 | 36.43 1.59 -5.00 | 39.79 1.31 -11.11 |
| GINNA____ 23603 | 31.11 -1.30 -2.55 | 26.83 -1.23 -2.86 | 21.36 -1.02 -1.87 | 20.14 -0.85 -1.89 | 19.34 -0.83 -1.79 | 24.95 -1.00 -1.60 | 33.33 -1.46 -2.21 | 30.56 -1.45 -2.48 | 31.03 -1.75 -1.83 | 40.27 -2.28 -0.23 | 34.88 -1.73 -0.73 | 25.99 -1.32 -2.45 | 28.49 -1.66 -0.97 | 24.75 -1.42 -1.37 | 24.37 -1.48 -1.53 | 22.75 -1.31 -3.13 | 19.34 -1.12 -3.33 | 30.55 -1.80 -2.11 | 26.66 -1.55 -2.69 | 24.98 -1.38 -3.12 | 29.98 -1.70 -2.04 | 27.00 -1.67 -0.81 | 28.49 -1.90 -0.54 | 26.93 -1.70 -1.26 |
| GLEN PARK____ 23778 | 31.48 0.45 -1.16 | 26.87 0.36 -1.30 | 21.66 0.29 -0.85 | 20.23 0.27 -0.86 | 19.54 0.35 -0.82 | 25.64 0.56 -0.73 | 34.48 0.88 -1.02 | 31.69 1.01 -1.15 | 32.64 0.77 -0.91 | 43.17 0.74 -0.10 | 36.76 0.54 -0.34 | 26.45 0.45 -1.14 | 30.13 0.50 -0.45 | 25.81 0.38 -0.64 | 25.32 0.28 -0.71 | 22.67 0.30 -1.44 | 18.52 0.51 -0.89 | 31.45 1.11 -0.10 | 26.64 0.84 -0.28 | 24.71 0.71 -0.76 | 30.38 0.74 0.00 | 28.41 0.56 0.00 | 30.36 0.52 0.00 | 28.26 0.31 -0.58 |
| GLENWOOD_IC_1_G5 23712 | 55.11 2.94 -22.30 | 57.22 2.48 -29.54 | 38.90 2.04 -16.34 | 37.52 1.90 -16.52 | 35.80 1.78 -15.65 | 40.71 2.35 -14.00 | 55.44 3.31 -19.55 | 54.59 3.09 -21.97 | 51.41 3.23 -17.23 | 77.40 4.51 -30.56 | 79.13 3.91 -39.33 | 82.57 2.72 -54.99 | 48.37 3.12 -16.08 | 39.51 2.59 -12.13 | 40.26 2.53 -13.40 | 50.52 2.13 -27.45 | 94.10 1.74 -75.23 | 146.46 2.93 -113.30 | 352.18 2.51 -324.15 | 117.35 2.44 -91.68 | 73.68 3.15 -40.90 | 39.62 2.97 -8.81 | 38.16 3.07 -5.25 | 57.82 2.65 -27.81 |
| GLENWOOD_IC_2_G1 23688 | 54.92 2.76 -22.30 | 57.06 2.32 -29.54 | 38.77 1.91 -16.34 | 37.39 1.77 -16.52 | 35.68 1.66 -15.65 | 40.56 2.21 -14.00 | 55.22 3.09 -19.55 | 54.38 2.88 -21.97 | 51.21 3.03 -17.23 | 77.10 4.22 -30.56 | 78.88 3.66 -39.33 | 82.39 2.55 -54.99 | 48.18 2.92 -16.08 | 39.36 2.44 -12.13 | 40.11 2.38 -13.40 | 50.38 1.99 -27.45 | 93.99 1.63 -75.23 | 146.42 2.89 -113.30 | 352.12 2.45 -324.15 | 117.18 2.26 -91.68 | 73.46 2.93 -40.90 | 39.43 2.77 -8.81 | 38.00 2.91 -5.25 | 57.64 2.47 -27.81 |
| GLENWOOD_IC_3_G1 23689 | 54.92 2.76 -22.30 | 57.06 2.32 -29.54 | 38.77 1.91 -16.34 | 37.39 1.77 -16.52 | 35.68 1.66 -15.65 | 40.56 2.21 -14.00 | 55.22 3.09 -19.55 | 54.38 2.88 -21.97 | 51.21 3.03 -17.23 | 77.10 4.22 -30.56 | 78.88 3.66 -39.33 | 82.39 2.55 -54.99 | 48.18 2.92 -16.08 | 39.36 2.44 -12.13 | 40.11 2.38 -13.40 | 50.38 1.99 -27.45 | 93.99 1.63 -75.23 | 146.42 2.89 -113.30 | 352.12 2.45 -324.15 | 117.18 2.26 -91.68 | 73.46 2.93 -40.90 | 39.43 2.77 -8.81 | 38.00 2.91 -5.25 | 57.64 2.47 -27.81 |
| GLENWOOD___4 23550 | 55.11 2.94 -22.30 | 57.22 2.48 -29.54 | 38.90 2.04 -16.34 | 37.52 1.90 -16.52 | 35.80 1.78 -15.65 | 40.71 2.35 -14.00 | 55.44 3.31 -19.55 | 54.59 3.09 -21.97 | 51.41 3.23 -17.23 | 77.40 4.51 -30.56 | 79.13 3.91 -39.33 | 82.57 2.72 -54.99 | 48.37 3.12 -16.08 | 39.51 2.59 -12.13 | 40.26 2.53 -13.40 | 50.52 2.13 -27.45 | 94.11 1.75 -75.23 | 146.54 3.01 -113.30 | 352.23 2.56 -324.15 | 117.35 2.44 -91.68 | 73.68 3.15 -40.90 | 39.62 2.97 -8.81 | 38.16 3.07 -5.25 | 57.82 2.65 -27.81 |
| GLENWOOD___5 23614 | 55.11 2.94 -22.30 | 57.22 2.48 -29.54 | 38.90 2.04 -16.34 | 37.52 1.90 -16.52 | 35.80 1.78 -15.65 | 40.71 2.35 -14.00 | 55.44 3.31 -19.55 | 54.59 3.09 -21.97 | 51.41 3.23 -17.23 | 77.40 4.51 -30.56 | 79.13 3.91 -39.33 | 82.57 2.72 -54.99 | 48.37 3.12 -16.08 | 39.51 2.59 -12.13 | 40.26 2.53 -13.40 | 50.52 2.13 -27.45 | 94.11 1.75 -75.23 | 146.54 3.01 -113.30 | 352.23 2.56 -324.15 | 117.35 2.44 -91.68 | 73.68 3.15 -40.90 | 39.62 2.97 -8.81 | 38.16 3.07 -5.25 | 57.82 2.65 -27.81 |
| GLOBAL GREEN_PORT_GT1 23814 | 56.29 4.13 -22.30 | 58.35 3.62 -29.54 | 39.80 2.94 -16.34 | 38.38 2.77 -16.52 | 36.54 2.51 -15.65 | 41.61 3.26 -14.00 | 56.66 4.54 -19.55 | 55.58 4.08 -21.97 | 52.47 4.28 -17.23 | 78.83 5.95 -30.56 | 80.20 4.98 -39.33 | 83.44 3.60 -54.99 | 49.53 4.28 -16.08 | 40.24 3.32 -12.13 | 40.79 3.07 -13.40 | 51.09 2.70 -27.45 | 94.67 2.31 -75.23 | 147.72 4.19 -113.30 | 353.12 3.45 -324.15 | 118.04 3.12 -91.68 | 74.59 4.06 -40.90 | 40.49 3.83 -8.81 | 38.87 3.78 -5.25 | 58.82 3.64 -27.81 |
| GLOBE___DSASP 323697 | 32.16 -1.03 -3.33 | 27.77 -1.16 -3.73 | 21.96 -0.99 -2.44 | 20.85 -0.71 -2.46 | 19.97 -0.73 -2.33 | 25.62 -0.82 -2.09 | 33.70 -1.81 -2.92 | 30.81 -2.00 -3.28 | 30.47 -2.49 -2.00 | 39.56 -3.07 -0.30 | 34.63 -2.20 -0.95 | 26.11 -1.96 -3.21 | 28.10 -2.35 -1.27 | 24.56 -2.03 -1.79 | 24.19 -2.13 -2.00 | 22.99 -1.97 -4.02 | 19.37 -1.81 -4.05 | 30.18 -2.91 -2.85 | 25.61 -2.42 -2.51 | 25.05 -2.15 -3.96 | 29.91 -2.50 -2.77 | 26.69 -2.27 -1.11 | 28.07 -2.51 -0.74 | 26.77 -2.22 -1.62 |
| GOETHSLN___LBMP 323567 | 54.46 2.30 -22.29 | 52.11 1.95 -24.96 | 38.47 1.62 -16.34 | 37.11 1.49 -16.52 | 35.44 1.42 -15.64 | 40.23 1.89 -14.00 | 54.75 2.63 -19.54 | 53.99 2.50 -21.96 | 50.90 2.72 -17.23 | 48.30 3.88 -2.11 | 45.84 3.39 -6.57 | 49.34 2.30 -22.18 | 40.59 2.61 -8.81 | 39.14 2.22 -12.12 | 39.91 2.19 -13.40 | 49.76 1.79 -27.04 | 48.79 1.45 -30.21 | 53.02 2.54 -20.24 | 53.03 2.12 -25.39 | 53.65 1.95 -28.47 | 51.97 2.56 -19.77 | 38.24 2.49 -7.90 | 37.77 2.67 -5.24 | 40.40 2.13 -10.90 |
| GOODYEAR_LAKE_HYD 323669 | 35.63 1.66 -4.11 | 31.16 1.36 -4.60 | 24.62 1.10 -3.01 | 23.19 1.05 -3.04 | 22.26 1.00 -2.88 | 28.32 1.39 -2.58 | 38.14 1.95 -3.61 | 35.45 1.82 -4.10 | 36.46 1.99 -3.51 | 45.53 2.71 -0.50 | 39.38 2.23 -1.27 | 30.65 1.50 -4.30 | 32.53 1.65 -1.71 | 28.59 1.33 -2.47 | 28.38 1.28 -2.77 | 27.65 1.13 -5.59 | 39.44 1.01 -21.29 | 56.64 1.84 -24.57 | 54.61 1.57 -27.52 | 46.21 1.44 -21.53 | 57.44 1.82 -25.98 | 39.92 1.69 -10.38 | 38.47 1.73 -6.89 | 31.09 1.48 -2.25 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 37.24 0.65 -6.73 | 33.24 0.49 -7.54 | 25.84 0.39 -4.94 | 24.57 0.48 -4.99 | 23.52 0.42 -4.73 | 29.18 0.60 -4.23 | 39.32 0.81 -5.93 | 36.91 0.70 -6.68 | 37.07 0.67 -5.45 | 43.95 1.00 -0.63 | 38.75 0.89 -1.97 | 32.12 0.60 -6.66 | 32.47 0.65 -2.65 | 29.08 0.54 -3.74 | 29.01 0.52 -4.17 | 29.77 0.46 -8.37 | 27.05 0.33 -9.59 | 37.49 0.67 -6.58 | 34.31 0.59 -8.21 | 32.86 0.57 -9.06 | 36.86 0.76 -6.46 | 31.06 0.63 -2.58 | 32.17 0.61 -1.71 | 31.24 0.50 -3.38 |
| GOUDEY___7 23579 | 37.27 0.68 -6.73 | 33.26 0.51 -7.54 | 25.86 0.42 -4.94 | 24.58 0.50 -4.99 | 23.54 0.44 -4.73 | 29.20 0.63 -4.23 | 39.36 0.85 -5.93 | 36.94 0.73 -6.68 | 37.10 0.70 -5.45 | 44.00 1.04 -0.63 | 38.79 0.93 -1.97 | 32.14 0.62 -6.66 | 32.50 0.68 -2.65 | 29.11 0.57 -3.74 | 29.04 0.55 -4.17 | 29.79 0.48 -8.37 | 27.06 0.34 -9.59 | 37.52 0.70 -6.58 | 34.34 0.62 -8.21 | 32.89 0.60 -9.06 | 36.89 0.80 -6.46 | 31.09 0.66 -2.58 | 32.20 0.64 -1.71 | 31.27 0.52 -3.38 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| GOUDEY___8 23580 | 37.24 0.65 -6.73 | 33.24 0.49 -7.54 | 25.84 0.39 -4.94 | 24.57 0.48 -4.99 | 23.52 0.42 -4.73 | 29.18 0.60 -4.23 | 39.32 0.81 -5.93 | 36.91 0.70 -6.68 | 37.07 0.67 -5.45 | 43.95 1.00 -0.63 | 38.75 0.89 -1.97 | 32.12 0.60 -6.66 | 32.47 0.65 -2.65 | 29.08 0.54 -3.74 | 29.01 0.52 -4.17 | 29.77 0.46 -8.37 | 27.05 0.33 -9.59 | 37.49 0.67 -6.58 | 34.31 0.59 -8.21 | 32.86 0.57 -9.06 | 36.86 0.76 -6.46 | 31.06 0.63 -2.58 | 32.17 0.61 -1.71 | 31.24 0.50 -3.38 |
| GOWANUS_GT1_1 24077 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_2 24078 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_3 24079 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_4 24080 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_5 24084 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_6 24111 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_7 24112 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT1_8 24113 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_1 24114 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_2 24115 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_3 24116 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_4 24117 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_5 24118 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT2_6 24119 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |

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|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| GOWANUS_GT2_7 24120 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT2_8 24121 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_1 24122 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_2 24123 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_3 24124 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_4 24125 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_5 24126 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_6 24127 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_7 24128 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT3_8 24129 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.18 | 51.10 | 48.55 | 46.05 | 49.51 | 40.81 | 39.33 | 40.08 | 49.88 | 48.91 | 53.27 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.81 | -12.12 | -13.40 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT4_1 24130 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT4_2 24131 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT4_3 24132 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT4_4 24133 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |
| GOWANUS_GT4_5 24134 | 54.71 | 52.32 | 38.62 | 37.23 | 35.55 | 40.38 | 54.96 | 54.17 | 51.10 | 48.55 | 46.04 | 49.50 | 40.80 | 39.32 | 40.07 | 49.88 | 48.91 | 53.26 | 53.29 | 53.89 | 52.26 | 38.52 | 38.02 | 40.61 |
| | 2.55 | 2.15 | 1.77 | 1.61 | 1.53 | 2.03 | 2.84 | 2.68 | 2.93 | 4.13 | 3.59 | 2.47 | 2.83 | 2.41 | 2.35 | 1.91 | 1.57 | 2.79 | 2.37 | 2.19 | 2.86 | 2.77 | 2.93 | 2.35 |
| | -22.29 | -24.96 | -16.34 | -16.52 | -15.65 | -14.00 | -19.54 | -21.96 | -17.23 | -2.11 | -6.57 | -22.18 | -8.80 | -12.12 | -13.39 | -27.04 | -30.21 | -20.24 | -25.39 | -28.47 | -19.77 | -7.90 | -5.24 | -10.90 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_6 24135 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT4_7 24136 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GOWANUS_GT4_8 24137 | 54.71 2.55 -22.29 | 52.32 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GREENIDGE___3 23582 | 34.71 0.65 -4.19 | 30.30 0.40 -4.70 | 23.89 0.30 -3.07 | 22.64 0.43 -3.11 | 21.72 0.40 -2.94 | 27.61 0.62 -2.63 | 37.10 0.76 -3.76 | 34.34 0.57 -4.24 | 36.18 0.54 -4.68 | 43.42 0.69 -0.41 | 37.92 0.77 -1.26 | 29.70 0.57 -4.27 | 31.29 0.43 -1.70 | 27.56 0.37 -2.39 | 27.25 0.27 -2.66 | 26.50 0.30 -5.27 | 23.85 0.29 -6.42 | 34.82 0.66 -3.92 | 32.94 0.65 -6.78 | 29.65 0.64 -5.78 | 34.27 0.80 -3.83 | 30.00 0.61 -1.53 | 31.35 0.49 -1.02 | 29.89 0.41 -2.12 |
| GREENIDGE___4 23583 | 34.71 0.65 -4.19 | 30.30 0.40 -4.70 | 23.89 0.30 -3.07 | 22.64 0.43 -3.11 | 21.72 0.40 -2.94 | 27.61 0.62 -2.63 | 37.10 0.76 -3.76 | 34.34 0.57 -4.24 | 36.18 0.54 -4.68 | 43.42 0.69 -0.41 | 37.92 0.77 -1.26 | 29.70 0.57 -4.27 | 31.29 0.43 -1.70 | 27.56 0.37 -2.39 | 27.25 0.27 -2.66 | 26.50 0.30 -5.27 | 23.85 0.29 -6.42 | 34.82 0.66 -3.92 | 32.94 0.65 -6.78 | 29.65 0.64 -5.78 | 34.27 0.80 -3.83 | 30.00 0.61 -1.53 | 31.35 0.49 -1.02 | 29.89 0.41 -2.12 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| GRISSOM___SOLAR 323813 | 69.97 3.22 -36.88 | 69.15 2.65 -41.30 | 49.68 2.14 -27.03 | 48.43 2.01 -27.33 | 46.18 1.92 -25.89 | 50.17 2.66 -23.16 | 68.65 3.73 -32.33 | 69.33 3.45 -36.35 | 63.27 3.70 -28.62 | 50.35 4.40 -3.63 | 49.93 3.17 -10.87 | 63.63 2.47 -36.72 | 46.07 2.32 -14.58 | 46.83 1.89 -20.14 | 48.49 1.88 -22.28 | 67.88 1.97 -44.98 | 91.45 2.01 -72.32 | 97.56 3.76 -63.57 | 103.59 3.18 -74.89 | 96.39 2.87 -70.29 | 98.18 3.55 -64.98 | 57.05 3.23 -25.97 | 50.31 3.23 -17.24 | 48.30 2.81 -18.13 |
| GROVEVILLE___HYD 323602 | 55.06 2.73 -22.47 | 52.61 2.25 -25.16 | 38.80 1.82 -16.47 | 37.43 1.69 -16.65 | 35.74 1.60 -15.77 | 40.63 2.17 -14.11 | 55.27 2.99 -19.70 | 54.46 2.79 -22.13 | 51.25 2.94 -17.36 | 48.49 4.04 -2.12 | 45.95 3.45 -6.62 | 49.58 2.37 -22.36 | 40.76 2.83 -8.88 | 39.32 2.31 -12.22 | 40.11 2.29 -13.50 | 50.10 1.92 -27.24 | 49.28 1.60 -30.55 | 53.66 2.87 -20.55 | 53.70 2.37 -25.76 | 54.27 2.19 -28.80 | 52.60 2.88 -20.09 | 38.59 2.71 -8.03 | 38.09 2.91 -5.33 | 40.72 2.37 -10.98 |
| HAMPSHIRE___PAPER_HYD 323593 | 29.53 -0.92 -0.59 | 25.08 -0.79 -0.66 | 20.28 -0.67 -0.43 | 18.89 -0.64 -0.44 | 18.22 -0.57 -0.42 | 24.04 -0.68 -0.37 | 32.34 -0.76 -0.52 | 29.59 -0.53 -0.58 | 30.87 -0.55 -0.46 | 41.54 -0.83 -0.05 | 35.17 -0.89 -0.17 | 24.82 -0.62 -0.58 | 28.71 -0.70 -0.23 | 24.49 -0.63 -0.33 | 24.10 -0.59 -0.36 | 21.18 -0.49 -0.73 | 17.29 -0.30 -0.45 | 29.87 -0.42 -0.05 | 25.29 -0.38 -0.14 | 23.22 -0.41 -0.39 | 29.01 -0.63 0.00 | 27.17 -0.68 0.00 | 29.17 -0.68 0.00 | 26.91 -0.76 -0.30 |
| HARDSCRABBLE_WT_PWR 323673 | 30.35 0.49 0.00 | 25.66 0.45 0.00 | 20.86 0.34 0.00 | 19.43 0.33 0.00 | 18.70 0.32 0.00 | 24.80 0.45 0.00 | 33.23 0.65 0.00 | 30.15 0.61 0.00 | 31.64 0.68 0.00 | 43.10 0.78 0.00 | 36.52 0.64 0.00 | 25.30 0.44 0.00 | 29.64 0.47 0.00 | 25.12 0.32 0.00 | 24.57 0.24 0.00 | 21.11 0.18 0.00 | 17.37 0.24 0.00 | 30.72 0.48 0.00 | 25.85 0.33 0.00 | 23.63 0.40 0.00 | 30.22 0.59 0.00 | 28.43 0.58 0.00 | 30.49 0.65 0.00 | 27.83 0.47 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 52.77 2.35 -20.56 | 50.16 1.94 -23.02 | 37.16 1.58 -15.07 | 35.79 1.46 -15.23 | 34.19 1.39 -14.43 | 39.13 1.87 -12.91 | 53.20 2.59 -18.02 | 52.21 2.43 -20.25 | 49.37 2.54 -15.88 | 47.72 3.46 -1.94 | 44.91 2.97 -6.06 | 47.37 2.05 -20.46 | 39.62 2.33 -8.12 | 37.95 1.98 -11.17 | 38.63 1.96 -12.35 | 47.49 1.64 -24.92 | 46.35 1.37 -27.84 | 51.34 2.45 -18.66 | 51.01 2.08 -23.40 | 51.39 1.92 -26.24 | 50.36 2.50 -18.22 | 37.50 2.37 -7.28 | 37.21 2.53 -4.84 | 39.44 2.03 -10.04 |
| HARZA MOOSE___RIVER 24016 | 31.10 0.46 -0.77 | 26.44 0.38 -0.86 | 21.38 0.30 -0.56 | 19.97 0.30 -0.57 | 19.23 0.32 -0.54 | 25.32 0.49 -0.48 | 34.02 0.76 -0.67 | 31.08 0.79 -0.76 | 32.33 0.77 -0.60 | 43.33 0.94 -0.07 | 36.80 0.69 -0.23 | 26.06 0.44 -0.76 | 29.99 0.52 -0.30 | 25.62 0.40 -0.42 | 25.18 0.39 -0.47 | 22.27 0.38 -0.96 | 18.14 0.42 -0.59 | 31.18 0.88 -0.06 | 26.42 0.71 -0.19 | 24.36 0.61 -0.51 | 30.36 0.72 0.00 | 28.46 0.61 0.00 | 30.42 0.57 0.00 | 28.19 0.44 -0.38 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 54.68 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.61 -16.52 | 35.55 1.53 -15.65 | 40.39 2.05 -14.00 | 54.97 2.85 -19.54 | 54.19 2.69 -21.96 | 51.09 2.91 -17.23 | 48.54 4.11 -2.11 | 46.06 3.61 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.34 2.42 -12.12 | 40.09 2.36 -13.40 | 49.87 1.90 -27.04 | 48.88 1.54 -30.21 | 53.21 2.74 -20.24 | 53.23 2.32 -25.39 | 53.83 2.12 -28.47 | 52.17 2.77 -19.77 | 38.46 2.71 -7.90 | 38.00 2.92 -5.24 | 40.60 2.33 -10.90 |
| HEMPSTEAD____ 23647 | 55.12 2.96 -22.30 | 57.26 2.52 -29.54 | 38.93 2.08 -16.34 | 37.55 1.93 -16.52 | 35.81 1.79 -15.65 | 40.69 2.34 -14.00 | 55.46 3.32 -19.55 | 54.61 3.11 -21.97 | 51.43 3.25 -17.23 | 77.41 4.52 -30.56 | 79.09 3.88 -39.33 | 82.55 2.71 -54.99 | 48.36 3.11 -16.08 | 39.47 2.55 -12.13 | 40.20 2.47 -13.40 | 50.49 2.11 -27.45 | 94.09 1.73 -75.23 | 146.61 3.09 -113.30 | 352.34 2.67 -324.15 | 117.36 2.45 -91.68 | 73.70 3.16 -40.90 | 39.62 2.96 -8.81 | 38.13 3.04 -5.25 | 57.87 2.69 -27.81 |
| HICKLING___I 23621 | 36.15 0.94 -5.34 | 31.82 0.64 -5.98 | 24.92 0.49 -3.92 | 23.72 0.66 -3.96 | 22.71 0.58 -3.75 | 28.58 0.87 -3.36 | 38.45 1.12 -4.75 | 35.82 0.93 -5.36 | 36.89 1.06 -4.88 | 44.43 1.60 -0.52 | 38.98 1.48 -1.61 | 31.28 0.98 -5.45 | 32.41 1.08 -2.16 | 28.75 0.91 -3.05 | 28.57 0.85 -3.39 | 28.46 0.78 -6.75 | 25.52 0.58 -7.81 | 36.59 1.21 -5.15 | 33.78 1.07 -7.19 | 31.54 1.03 -7.28 | 36.03 1.36 -5.04 | 30.98 1.12 -2.01 | 32.24 1.05 -1.34 | 30.95 0.86 -2.72 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HICKLING___2 23622 | 36.15 0.94 -5.34 | 31.82 0.64 -5.98 | 24.92 0.49 -3.92 | 23.72 0.66 -3.96 | 22.71 0.58 -3.75 | 28.58 0.87 -3.36 | 38.45 1.12 -4.75 | 35.82 0.93 -5.36 | 36.89 1.06 -4.88 | 44.43 1.60 -0.52 | 38.98 1.48 -1.61 | 31.28 0.98 -5.45 | 32.41 1.08 -2.16 | 28.75 0.91 -3.05 | 28.57 0.85 -3.39 | 28.46 0.78 -6.75 | 25.52 0.58 -7.81 | 36.59 1.21 -5.15 | 33.78 1.07 -7.19 | 31.54 1.03 -7.28 | 36.03 1.36 -5.04 | 30.98 1.12 -2.01 | 32.24 1.05 -1.34 | 30.95 0.86 -2.72 |
| HIGH FALLS___HY 23754 | 54.90 2.52 -22.51 | 52.47 2.06 -25.21 | 38.67 1.66 -16.50 | 37.30 1.53 -16.68 | 35.60 1.43 -15.80 | 40.47 1.99 -14.14 | 55.13 2.82 -19.73 | 54.35 2.66 -22.16 | 51.06 2.82 -17.29 | 48.21 3.75 -2.14 | 45.59 3.07 -6.63 | 49.34 2.09 -22.40 | 40.35 2.29 -8.89 | 38.90 1.94 -12.17 | 39.72 1.97 -13.42 | 49.70 1.69 -27.08 | 50.31 1.48 -31.70 | 55.17 2.71 -22.23 | 55.41 2.33 -27.57 | 55.37 2.12 -30.01 | 54.29 2.76 -21.90 | 39.19 2.59 -8.75 | 38.42 2.77 -5.81 | 40.48 2.19 -10.91 |
| HILLBURN___GT 23639 | 53.08 2.27 -20.94 | 50.52 1.87 -23.45 | 37.39 1.53 -15.35 | 36.03 1.41 -15.52 | 34.42 1.34 -14.70 | 39.31 1.81 -13.15 | 53.45 2.51 -18.36 | 52.52 2.36 -20.63 | 49.59 2.46 -16.17 | 47.67 3.37 -1.98 | 44.98 2.93 -6.17 | 47.73 2.04 -20.84 | 39.76 2.31 -8.27 | 38.13 1.96 -11.38 | 38.84 1.93 -12.58 | 47.91 1.60 -25.38 | 46.80 1.31 -28.36 | 51.56 2.32 -19.01 | 51.33 1.97 -23.84 | 51.79 1.83 -26.73 | 50.59 2.39 -18.56 | 37.55 2.28 -7.42 | 37.22 2.45 -4.92 | 39.55 1.95 -10.23 |
| HISHELDN_WT_PWR 323625 | 33.61 -0.10 -3.85 | 29.20 -0.31 -4.31 | 22.97 -0.36 -2.82 | 21.87 -0.08 -2.85 | 21.00 -0.08 -2.70 | 26.80 0.03 -2.42 | 35.61 -0.41 -3.44 | 32.78 -0.63 -3.87 | 31.34 -1.01 -1.39 | 41.71 -0.97 -0.36 | 36.58 -0.44 -1.14 | 28.18 -0.51 -3.83 | 30.00 -0.69 -1.52 | 26.33 -0.60 -2.14 | 26.02 -0.69 -2.38 | 25.00 -0.65 -4.72 | 20.57 -0.69 -4.13 | 32.71 -0.95 -3.43 | 25.57 -0.76 -0.81 | 27.00 -0.64 -4.41 | 32.33 -0.66 -3.34 | 28.50 -0.69 -1.34 | 29.79 -0.94 -0.89 | 28.35 -0.92 -1.90 |
| HOLTSVILLE_IC_1 23690 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.84 2.49 -14.00 | 55.66 3.53 -19.55 | 54.73 3.24 -21.97 | 51.56 3.37 -17.23 | 77.55 4.67 -30.56 | 79.14 3.92 -39.33 | 82.67 2.83 -54.99 | 48.56 3.30 -16.08 | 39.51 2.59 -12.13 | 40.16 2.43 -13.40 | 50.50 2.11 -27.45 | 94.15 1.79 -75.23 | 146.86 3.33 -113.30 | 352.50 2.83 -324.15 | 117.37 2.45 -91.68 | 73.73 3.19 -40.90 | 39.65 2.99 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| HOLTSVILLE_IC_10 23699 | 55.54 3.37 -22.30 | 57.69 2.95 -29.54 | 39.29 2.43 -16.34 | 37.90 2.28 -16.52 | 36.08 2.06 -15.65 | 40.99 2.64 -14.00 | 55.86 3.73 -19.55 | 54.91 3.41 -21.97 | 51.74 3.56 -17.23 | 77.82 4.94 -30.56 | 79.35 4.14 -39.33 | 82.84 3.00 -54.99 | 48.74 3.49 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.62 2.24 -27.45 | 94.27 1.91 -75.23 | 147.10 3.57 -113.30 | 352.71 3.03 -324.15 | 117.53 2.62 -91.68 | 73.93 3.40 -40.90 | 39.84 3.18 -8.81 | 38.29 3.20 -5.25 | 58.25 3.08 -27.81 |
| HOLTSVILLE_IC_2 23691 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.84 2.49 -14.00 | 55.66 3.53 -19.55 | 54.73 3.24 -21.97 | 51.56 3.37 -17.23 | 77.55 4.67 -30.56 | 79.14 3.92 -39.33 | 82.67 2.83 -54.99 | 48.56 3.30 -16.08 | 39.51 2.59 -12.13 | 40.16 2.43 -13.40 | 50.50 2.11 -27.45 | 94.15 1.79 -75.23 | 146.86 3.33 -113.30 | 352.50 2.83 -324.15 | 117.37 2.45 -91.68 | 73.73 3.19 -40.90 | 39.65 2.99 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| HOLTSVILLE_IC_3 23692 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.84 2.49 -14.00 | 55.66 3.53 -19.55 | 54.73 3.24 -21.97 | 51.56 3.37 -17.23 | 77.55 4.67 -30.56 | 79.14 3.92 -39.33 | 82.67 2.83 -54.99 | 48.56 3.30 -16.08 | 39.51 2.59 -12.13 | 40.16 2.43 -13.40 | 50.50 2.11 -27.45 | 94.15 1.79 -75.23 | 146.86 3.33 -113.30 | 352.50 2.83 -324.15 | 117.37 2.45 -91.68 | 73.73 3.19 -40.90 | 39.65 2.99 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| HOLTSVILLE_IC_4 23693 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.84 2.49 -14.00 | 55.66 3.53 -19.55 | 54.73 3.24 -21.97 | 51.56 3.37 -17.23 | 77.55 4.67 -30.56 | 79.14 3.92 -39.33 | 82.67 2.83 -54.99 | 48.56 3.30 -16.08 | 39.51 2.59 -12.13 | 40.16 2.43 -13.40 | 50.50 2.11 -27.45 | 94.15 1.79 -75.23 | 146.86 3.33 -113.30 | 352.50 2.83 -324.15 | 117.37 2.45 -91.68 | 73.73 3.19 -40.90 | 39.65 2.99 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| HOLTSVILLE_IC_5 23694 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.84 2.49 -14.00 | 55.66 3.53 -19.55 | 54.73 3.24 -21.97 | 51.56 3.37 -17.23 | 77.55 4.67 -30.56 | 79.14 3.92 -39.33 | 82.67 2.83 -54.99 | 48.56 3.30 -16.08 | 39.51 2.59 -12.13 | 40.16 2.43 -13.40 | 50.50 2.11 -27.45 | 94.15 1.79 -75.23 | 146.86 3.33 -113.30 | 352.50 2.83 -324.15 | 117.37 2.45 -91.68 | 73.73 3.19 -40.90 | 39.65 2.99 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| HOLTSVILLE_IC_6 23695 | 55.54 3.37 -22.30 | 57.69 2.95 -29.54 | 39.29 2.43 -16.34 | 37.90 2.28 -16.52 | 36.08 2.06 -15.65 | 40.99 2.64 -14.00 | 55.86 3.73 -19.55 | 54.91 3.41 -21.97 | 51.74 3.56 -17.23 | 77.82 4.94 -30.56 | 79.35 4.14 -39.33 | 82.84 3.00 -54.99 | 48.74 3.49 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.62 2.24 -27.45 | 94.27 1.91 -75.23 | 147.10 3.57 -113.30 | 352.71 3.03 -324.15 | 117.53 2.62 -91.68 | 73.93 3.40 -40.90 | 39.84 3.18 -8.81 | 38.29 3.20 -5.25 | 58.25 3.08 -27.81 |
| HOLTSVILLE_IC_7 23696 | 55.54 3.37 -22.30 | 57.69 2.95 -29.54 | 39.29 2.43 -16.34 | 37.90 2.28 -16.52 | 36.08 2.06 -15.65 | 40.99 2.64 -14.00 | 55.86 3.73 -19.55 | 54.91 3.41 -21.97 | 51.74 3.56 -17.23 | 77.82 4.94 -30.56 | 79.35 4.14 -39.33 | 82.84 3.00 -54.99 | 48.74 3.49 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.62 2.24 -27.45 | 94.27 1.91 -75.23 | 147.10 3.57 -113.30 | 352.71 3.03 -324.15 | 117.53 2.62 -91.68 | 73.93 3.40 -40.90 | 39.84 3.18 -8.81 | 38.29 3.20 -5.25 | 58.25 3.08 -27.81 |
| HOLTSVILLE_IC_8 23697 | 55.54 3.37 -22.30 | 57.69 2.95 -29.54 | 39.29 2.43 -16.34 | 37.90 2.28 -16.52 | 36.08 2.06 -15.65 | 40.99 2.64 -14.00 | 55.86 3.73 -19.55 | 54.91 3.41 -21.97 | 51.74 3.56 -17.23 | 77.82 4.94 -30.56 | 79.35 4.14 -39.33 | 82.84 3.00 -54.99 | 48.74 3.49 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.62 2.24 -27.45 | 94.27 1.91 -75.23 | 147.10 3.57 -113.30 | 352.71 3.03 -324.15 | 117.53 2.62 -91.68 | 73.93 3.40 -40.90 | 39.84 3.18 -8.81 | 38.29 3.20 -5.25 | 58.25 3.08 -27.81 |
| HOLTSVILLE_IC_9 23698 | 55.54 3.37 -22.30 | 57.69 2.95 -29.54 | 39.29 2.43 -16.34 | 37.90 2.28 -16.52 | 36.08 2.06 -15.65 | 40.99 2.64 -14.00 | 55.86 3.73 -19.55 | 54.91 3.41 -21.97 | 51.74 3.56 -17.23 | 77.82 4.94 -30.56 | 79.35 4.14 -39.33 | 82.84 3.00 -54.99 | 48.74 3.49 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.62 2.24 -27.45 | 94.27 1.91 -75.23 | 147.10 3.57 -113.30 | 352.71 3.03 -324.15 | 117.53 2.62 -91.68 | 73.93 3.40 -40.90 | 39.84 3.18 -8.81 | 38.29 3.20 -5.25 | 58.25 3.08 -27.81 |
| HOWARD_WT_PWR 323690 | 35.25 0.93 -4.46 | 30.69 0.49 -4.99 | 24.15 0.36 -3.27 | 22.90 0.50 -3.31 | 21.98 0.48 -3.13 | 27.90 0.75 -2.80 | 37.42 0.75 -4.08 | 34.54 0.41 -4.60 | 37.65 0.32 -6.38 | 43.55 0.80 -0.44 | 38.29 1.04 -1.37 | 30.17 0.70 -4.62 | 31.70 0.69 -1.83 | 27.94 0.56 -2.58 | 27.67 0.48 -2.87 | 26.96 0.45 -5.58 | 24.83 0.32 -7.39 | 35.25 0.85 -4.16 | 35.44 0.83 -9.10 | 30.43 0.81 -6.38 | 34.80 1.10 -4.07 | 30.34 0.87 -1.62 | 31.63 0.71 -1.08 | 30.15 0.54 -2.24 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HQ_GEN_CEDARS 23644 | 28.51 -1.35 0.00 | 24.05 -1.15 0.00 | 19.54 -0.97 0.00 | 18.14 -0.95 0.00 | 17.48 -0.90 0.00 | 23.20 -1.15 0.00 | 31.16 -1.42 0.00 | 28.36 -1.17 0.00 | 29.88 -1.07 0.00 | 40.82 -1.49 0.00 | 34.48 -1.41 0.00 | 23.87 -0.98 0.00 | 28.09 -1.08 0.00 | 23.86 -0.93 0.00 | 23.52 -0.81 0.00 | 20.20 -0.74 0.00 | 16.53 -0.60 0.00 | 29.20 -1.03 0.00 | 24.65 -0.87 0.00 | 22.37 -0.86 0.00 | 28.46 -1.18 0.00 | 26.74 -1.11 0.00 | 28.87 -0.97 0.00 | 26.32 -1.05 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 28.51 -1.35 0.00 | 24.05 -1.15 0.00 | 19.54 -0.97 0.00 | 18.14 -0.95 0.00 | 17.48 -0.90 0.00 | 23.20 -1.15 0.00 | 31.96 -1.42 -0.80 | 32.34 -1.17 -3.98 | 29.88 -1.07 0.00 | 21.29 -1.49 19.53 | 17.92 -1.41 16.56 | 11.33 -0.98 12.54 | 13.01 -1.08 15.07 | 23.86 -0.93 0.00 | 23.57 -0.81 -0.04 | 11.22 -0.74 8.97 | 10.58 -0.60 5.95 | 13.06 -1.03 16.14 | 12.03 -0.87 12.63 | 11.25 -0.86 11.12 | 12.23 -1.18 16.23 | 12.66 -1.11 14.08 | 28.87 -0.97 0.00 | 13.28 -1.05 13.05 |
| HQ_GEN_IMPORT 323601 | 29.08 -0.78 0.00 | 24.56 -0.64 0.00 | 19.97 -0.55 0.00 | 18.55 -0.55 0.00 | 17.86 -0.51 0.00 | 23.68 -0.67 0.00 | 31.74 -0.84 0.00 | 28.81 -0.72 0.00 | 30.23 -0.72 0.00 | 41.31 -1.01 0.00 | 42.31 -0.91 -7.34 | 21.79 -0.64 2.43 | 28.48 -0.69 0.00 | 24.20 -0.60 0.00 | 23.76 -0.56 0.00 | 24.57 -0.47 -4.11 | 11.87 -0.39 4.86 | 29.53 -0.70 0.00 | 24.94 -0.58 0.00 | 22.68 -0.55 0.00 | 28.90 -0.73 0.00 | 27.17 -0.68 0.00 | 29.14 -0.71 0.00 | 26.76 -0.61 0.00 |
| HQ_GEN_WHEEL 23651 | 29.08 -0.78 0.00 | 24.56 -0.64 0.00 | 19.97 -0.55 0.00 | 18.55 -0.55 0.00 | 17.86 -0.51 0.00 | 23.68 -0.67 0.00 | 31.74 -0.84 0.00 | 28.81 -0.72 0.00 | 30.23 -0.72 0.00 | 41.31 -1.01 0.00 | 42.31 -0.91 -7.34 | 21.79 -0.64 2.43 | 28.48 -0.69 0.00 | 24.20 -0.60 0.00 | 23.76 -0.56 0.00 | 24.57 -0.47 -4.11 | 11.87 -0.39 4.86 | 29.53 -0.70 0.00 | 24.94 -0.58 0.00 | 22.68 -0.55 0.00 | 28.90 -0.73 0.00 | 27.17 -0.68 0.00 | 29.14 -0.71 0.00 | 26.76 -0.61 0.00 |
| HUDSON AVE_GT_3 23810 | 54.73 2.58 -22.29 | 52.31 2.15 -24.96 | 38.64 1.78 -16.34 | 37.25 1.64 -16.52 | 35.58 1.56 -15.64 | 40.44 2.09 -14.00 | 55.05 2.93 -19.54 | 54.26 2.76 -21.96 | 51.13 2.95 -17.23 | 48.58 4.15 -2.11 | 46.06 3.60 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.32 2.40 -12.12 | 40.09 2.37 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.23 2.32 -25.39 | 53.84 2.14 -28.47 | 52.19 2.78 -19.77 | 38.44 2.68 -7.90 | 37.98 2.89 -5.24 | 40.59 2.33 -10.90 |
| HUDSON AVE_GT_4 23540 | 54.73 2.58 -22.29 | 52.31 2.15 -24.96 | 38.64 1.78 -16.34 | 37.25 1.64 -16.52 | 35.58 1.56 -15.64 | 40.44 2.09 -14.00 | 55.05 2.93 -19.54 | 54.26 2.76 -21.96 | 51.13 2.95 -17.23 | 48.58 4.15 -2.11 | 46.06 3.60 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.32 2.40 -12.12 | 40.09 2.37 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.23 2.32 -25.39 | 53.84 2.14 -28.47 | 52.19 2.78 -19.77 | 38.44 2.68 -7.90 | 37.98 2.89 -5.24 | 40.59 2.33 -10.90 |
| HUDSON AVE_GT_5 23657 | 54.73 2.58 -22.29 | 52.31 2.15 -24.96 | 38.64 1.78 -16.34 | 37.25 1.64 -16.52 | 35.58 1.56 -15.64 | 40.44 2.09 -14.00 | 55.05 2.93 -19.54 | 54.26 2.76 -21.96 | 51.13 2.95 -17.23 | 48.58 4.15 -2.11 | 46.06 3.60 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.32 2.40 -12.12 | 40.09 2.37 -13.40 | 49.91 1.94 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.23 2.32 -25.39 | 53.84 2.14 -28.47 | 52.19 2.78 -19.77 | 38.44 2.68 -7.90 | 37.98 2.89 -5.24 | 40.59 2.33 -10.90 |
| HUDSON_AVE_10 24168 | 54.59 2.44 -22.29 | 52.19 2.03 -24.96 | 38.54 1.69 -16.34 | 37.17 1.56 -16.52 | 35.50 1.48 -15.64 | 40.34 2.00 -14.00 | 54.92 2.80 -19.54 | 54.14 2.65 -21.96 | 51.00 2.82 -17.23 | 48.43 4.01 -2.11 | 45.91 3.45 -6.57 | 49.40 2.37 -22.18 | 40.67 2.69 -8.81 | 39.22 2.30 -12.12 | 39.99 2.26 -13.40 | 49.81 1.84 -27.04 | 48.83 1.49 -30.21 | 53.08 2.61 -20.24 | 53.10 2.19 -25.39 | 53.71 2.01 -28.47 | 52.02 2.61 -19.77 | 38.29 2.54 -7.90 | 37.85 2.76 -5.24 | 40.47 2.21 -10.90 |
| HUNTER MOUNT___DRP 323613 | 60.42 2.28 -28.28 | 58.79 1.92 -31.66 | 42.84 1.60 -20.73 | 41.59 1.54 -20.95 | 39.75 1.53 -19.85 | 44.07 1.96 -17.76 | 59.84 2.47 -24.79 | 59.64 2.25 -27.86 | 55.20 2.38 -21.86 | 48.26 3.22 -2.72 | 46.80 2.59 -8.33 | 54.59 1.60 -28.13 | 42.31 1.97 -11.17 | 41.88 1.71 -15.39 | 42.98 1.65 -17.01 | 56.70 1.45 -34.33 | 64.13 1.31 -45.69 | 68.25 2.37 -35.64 | 70.62 2.00 -43.10 | 68.83 1.82 -43.77 | 67.74 2.32 -35.78 | 44.33 2.18 -14.30 | 41.67 2.34 -9.49 | 43.26 2.06 -13.83 |
| HUNTINGTON_RES_REC 323705 | 55.37 3.21 -22.30 | 57.51 2.78 -29.54 | 39.15 2.29 -16.34 | 37.77 2.15 -16.52 | 35.98 1.96 -15.65 | 40.87 2.51 -14.00 | 55.72 3.59 -19.55 | 54.83 3.33 -21.97 | 51.65 3.46 -17.23 | 77.70 4.81 -30.56 | 79.29 4.07 -39.33 | 82.76 2.91 -54.99 | 48.62 3.36 -16.08 | 39.59 2.67 -12.13 | 40.28 2.55 -13.40 | 50.59 2.21 -27.45 | 94.24 1.88 -75.23 | 147.01 3.48 -113.30 | 352.63 2.95 -324.15 | 117.51 2.59 -91.68 | 73.88 3.35 -40.90 | 39.75 3.10 -8.81 | 38.21 3.12 -5.25 | 58.11 2.94 -27.81 |
| HUNTLEY___63 23557 | 32.95 -0.31 -3.40 | 28.46 -0.55 -3.81 | 22.51 -0.50 -2.49 | 21.37 -0.24 -2.52 | 20.49 -0.27 -2.39 | 26.30 -0.18 -2.13 | 34.81 -0.76 -2.99 | 31.87 -1.03 -3.36 | 31.47 -1.51 -2.03 | 40.92 -1.71 -0.31 | 35.78 -1.07 -0.97 | 27.05 -1.09 -3.29 | 29.11 -1.36 -1.30 | 25.44 -1.19 -1.84 | 25.07 -1.30 -2.04 | 23.79 -1.26 -4.11 | 20.06 -1.20 -4.12 | 31.36 -1.80 -2.93 | 26.56 -1.47 -2.52 | 25.99 -1.29 -4.05 | 31.04 -1.44 -2.85 | 27.64 -1.35 -1.14 | 29.03 -1.57 -0.75 | 27.60 -1.43 -1.66 |
| HUNTLEY___64 23558 | 32.95 -0.31 -3.40 | 28.46 -0.55 -3.81 | 22.51 -0.50 -2.49 | 21.37 -0.24 -2.52 | 20.49 -0.27 -2.39 | 26.30 -0.18 -2.13 | 34.81 -0.76 -2.99 | 31.87 -1.03 -3.36 | 31.47 -1.51 -2.03 | 40.92 -1.71 -0.31 | 35.78 -1.07 -0.97 | 27.05 -1.09 -3.29 | 29.11 -1.36 -1.30 | 25.44 -1.19 -1.84 | 25.07 -1.30 -2.04 | 23.79 -1.26 -4.11 | 20.06 -1.20 -4.12 | 31.36 -1.80 -2.93 | 26.56 -1.47 -2.52 | 25.99 -1.29 -4.05 | 31.04 -1.44 -2.85 | 27.64 -1.35 -1.14 | 29.03 -1.57 -0.75 | 27.60 -1.43 -1.66 |
| HUNTLEY___65 23559 | 32.95 -0.31 -3.40 | 28.46 -0.55 -3.81 | 22.51 -0.50 -2.49 | 21.37 -0.24 -2.52 | 20.49 -0.27 -2.39 | 26.30 -0.18 -2.13 | 34.81 -0.76 -2.99 | 31.87 -1.03 -3.36 | 31.47 -1.51 -2.03 | 40.92 -1.71 -0.31 | 35.78 -1.07 -0.97 | 27.05 -1.09 -3.29 | 29.11 -1.36 -1.30 | 25.44 -1.19 -1.84 | 25.07 -1.30 -2.04 | 23.79 -1.26 -4.11 | 20.06 -1.20 -4.12 | 31.36 -1.80 -2.93 | 26.56 -1.47 -2.52 | 25.99 -1.29 -4.05 | 31.04 -1.44 -2.85 | 27.64 -1.35 -1.14 | 29.03 -1.57 -0.75 | 27.60 -1.43 -1.66 |
| HUNTLEY___66 23560 | 32.95 -0.31 -3.40 | 28.46 -0.55 -3.81 | 22.51 -0.50 -2.49 | 21.37 -0.24 -2.52 | 20.49 -0.27 -2.39 | 26.30 -0.18 -2.13 | 34.81 -0.76 -2.99 | 31.87 -1.03 -3.36 | 31.47 -1.51 -2.03 | 40.92 -1.71 -0.31 | 35.78 -1.07 -0.97 | 27.05 -1.09 -3.29 | 29.11 -1.36 -1.30 | 25.44 -1.19 -1.84 | 25.07 -1.30 -2.04 | 23.79 -1.26 -4.11 | 20.06 -1.20 -4.12 | 31.36 -1.80 -2.93 | 26.56 -1.47 -2.52 | 25.99 -1.29 -4.05 | 31.04 -1.44 -2.85 | 27.64 -1.35 -1.14 | 29.03 -1.57 -0.75 | 27.60 -1.43 -1.66 |
| HUNTLEY___67 23561 | 32.86 -0.46 -3.46 | 28.42 -0.66 -3.87 | 22.46 -0.58 -2.53 | 21.33 -0.33 -2.56 | 20.44 -0.36 -2.43 | 26.20 -0.32 -2.17 | 34.80 -0.83 -3.04 | 31.89 -1.07 -3.42 | 31.36 -1.61 -2.01 | 40.79 -1.85 -0.32 | 35.70 -1.17 -0.99 | 27.11 -1.10 -3.35 | 29.13 -1.38 -1.33 | 25.50 -1.17 -1.87 | 25.13 -1.28 -2.08 | 23.89 -1.23 -4.18 | 20.08 -1.20 -4.16 | 31.38 -1.84 -2.98 | 26.42 -1.53 -2.43 | 26.02 -1.33 -4.11 | 31.07 -1.47 -2.90 | 27.61 -1.40 -1.16 | 28.98 -1.63 -0.77 | 27.57 -1.48 -1.68 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HUNTLEY___68 23562 | 32.86 -0.46 -3.46 | 28.42 -0.66 -3.87 | 22.46 -0.58 -2.53 | 21.33 -0.33 -2.56 | 20.44 -0.36 -2.43 | 26.20 -0.32 -2.17 | 34.80 -0.83 -3.04 | 31.89 -1.07 -3.42 | 31.36 -1.61 -2.01 | 40.79 -1.85 -0.32 | 35.70 -1.17 -0.99 | 27.11 -1.10 -3.35 | 29.13 -1.38 -1.33 | 25.50 -1.17 -1.87 | 25.13 -1.28 -2.08 | 23.89 -1.23 -4.18 | 20.08 -1.20 -4.16 | 31.38 -1.84 -2.98 | 26.42 -1.53 -2.43 | 26.02 -1.33 -4.11 | 31.07 -1.47 -2.90 | 27.61 -1.40 -1.16 | 28.98 -1.63 -0.77 | 27.57 -1.48 -1.68 |
| HYLAND___LFGE 323620 | 35.39 1.83 -3.70 | 30.64 1.29 -4.14 | 24.22 0.99 -2.71 | 22.93 1.10 -2.74 | 22.04 1.07 -2.60 | 28.42 1.76 -2.31 | 38.27 3.43 -2.26 | 34.96 2.89 -2.54 | 35.40 2.67 -1.78 | 44.79 2.24 -0.24 | 37.64 1.02 -0.74 | 27.77 0.41 -2.50 | 30.58 0.41 -0.99 | 26.47 0.28 -1.40 | 26.05 0.10 -1.63 | 25.42 0.02 -4.47 | 23.88 0.40 -6.35 | 35.07 1.51 -3.33 | 35.42 1.40 -8.50 | 29.91 1.34 -5.34 | 34.62 1.74 -3.24 | 30.63 1.48 -1.29 | 32.05 1.34 -0.86 | 30.35 1.14 -1.85 |
| INDECK___CORINTH 23802 | 65.07 2.66 -32.55 | 63.86 2.21 -36.45 | 46.14 1.77 -23.86 | 44.89 1.67 -24.11 | 42.82 1.60 -22.84 | 47.09 2.30 -20.44 | 64.32 3.20 -28.53 | 64.54 2.94 -32.07 | 59.29 3.13 -25.20 | 49.88 4.31 -3.25 | 49.11 3.65 -9.59 | 59.73 2.50 -32.38 | 44.94 2.91 -12.86 | 45.00 2.47 -17.74 | 46.39 2.44 -19.62 | 62.65 2.12 -39.59 | 90.92 1.77 -72.02 | 100.71 3.19 -67.28 | 106.51 2.69 -78.30 | 96.23 2.43 -70.57 | 102.07 3.06 -69.37 | 58.32 2.75 -27.72 | 51.12 2.87 -18.40 | 45.82 2.49 -15.96 |
| INDECK___ILION 23567 | 30.28 0.42 0.00 | 25.56 0.36 0.00 | 20.81 0.29 0.00 | 19.39 0.29 0.00 | 18.65 0.28 0.00 | 24.73 0.38 0.00 | 33.10 0.52 0.00 | 30.02 0.49 0.00 | 31.48 0.52 0.00 | 42.94 0.62 0.00 | 36.39 0.51 0.00 | 25.20 0.34 0.00 | 29.54 0.37 0.00 | 25.11 0.31 0.00 | 24.61 0.29 0.00 | 21.18 0.25 0.00 | 17.37 0.24 0.00 | 30.70 0.47 0.00 | 25.89 0.38 0.00 | 23.61 0.37 0.00 | 30.15 0.51 0.00 | 28.33 0.47 0.00 | 30.34 0.50 0.00 | 27.76 0.39 0.00 |
| INDECK___OLEAN 23982 | 34.42 0.53 -4.03 | 30.02 0.31 -4.51 | 23.71 0.24 -2.95 | 22.56 0.48 -2.99 | 21.56 0.36 -2.83 | 27.40 0.52 -2.53 | 36.66 0.50 -3.58 | 33.77 0.21 -4.03 | 33.95 -0.13 -3.13 | 42.86 0.17 -0.37 | 37.41 0.37 -1.17 | 29.02 0.22 -3.94 | 30.94 0.20 -1.56 | 27.22 0.22 -2.20 | 26.93 0.16 -2.45 | 25.80 -0.01 -4.88 | 22.16 -0.25 -5.28 | 33.56 -0.24 -3.57 | 29.51 -0.14 -4.13 | 28.13 -0.12 -5.02 | 33.18 0.06 -3.48 | 29.23 -0.01 -1.39 | 30.68 -0.09 -0.92 | 29.03 -0.30 -1.97 |
| INDECK___OSWEGO 23783 | 30.99 -0.57 -1.70 | 26.63 -0.47 -1.90 | 21.39 -0.36 -1.24 | 20.04 -0.31 -1.26 | 19.27 -0.29 -1.19 | 25.00 -0.42 -1.06 | 33.45 -0.62 -1.48 | 30.58 -0.62 -1.67 | 31.57 -0.70 -1.33 | 41.49 -0.98 -0.15 | 35.60 -0.77 -0.50 | 26.02 -0.50 -1.67 | 29.20 -0.64 -0.66 | 25.20 -0.53 -0.93 | 24.82 -0.55 -1.04 | 22.58 -0.45 -2.10 | 18.08 -0.34 -1.29 | 29.76 -0.61 -0.14 | 25.38 -0.55 -0.41 | 23.86 -0.49 -1.11 | 29.00 -0.64 0.00 | 27.20 -0.65 0.00 | 29.13 -0.72 0.00 | 27.64 -0.57 -0.84 |
| INDECK___YERKES 23781 | 32.98 -0.29 -3.40 | 28.48 -0.53 -3.81 | 22.53 -0.48 -2.49 | 21.39 -0.23 -2.52 | 20.50 -0.26 -2.39 | 26.32 -0.16 -2.13 | 34.84 -0.73 -2.99 | 31.90 -1.00 -3.36 | 31.50 -1.48 -2.03 | 40.96 -1.67 -0.31 | 35.82 -1.04 -0.97 | 27.07 -1.07 -3.29 | 29.14 -1.34 -1.30 | 25.47 -1.16 -1.84 | 25.09 -1.27 -2.04 | 23.81 -1.23 -4.11 | 20.07 -1.18 -4.12 | 31.39 -1.77 -2.93 | 26.59 -1.45 -2.52 | 26.02 -1.27 -4.05 | 31.06 -1.42 -2.85 | 27.67 -1.32 -1.14 | 29.06 -1.54 -0.75 | 27.62 -1.41 -1.66 |
| INDIAN POINT_GT_1 24139 | 54.26 2.40 -22.00 | 51.82 1.98 -24.63 | 38.27 1.63 -16.12 | 36.90 1.50 -16.30 | 35.24 1.42 -15.44 | 40.08 1.92 -13.81 | 54.52 2.65 -19.28 | 53.68 2.47 -21.67 | 50.54 2.60 -17.00 | 47.98 3.58 -2.08 | 45.47 3.10 -6.48 | 48.89 2.15 -21.89 | 40.31 2.45 -8.69 | 38.84 2.08 -11.96 | 39.60 2.05 -13.22 | 49.29 1.68 -26.68 | 48.33 1.39 -29.81 | 52.67 2.46 -19.97 | 52.66 2.08 -25.06 | 53.25 1.93 -28.09 | 51.65 2.51 -19.51 | 38.05 2.41 -7.80 | 37.60 2.58 -5.18 | 40.20 2.08 -10.75 |
| INDIAN POINT_GT_2 23659 | 54.26 2.40 -22.00 | 51.82 1.98 -24.63 | 38.27 1.63 -16.12 | 36.90 1.50 -16.30 | 35.24 1.42 -15.44 | 40.08 1.92 -13.81 | 54.52 2.65 -19.28 | 53.68 2.47 -21.67 | 50.54 2.60 -17.00 | 47.98 3.58 -2.08 | 45.47 3.10 -6.48 | 48.89 2.15 -21.89 | 40.31 2.45 -8.69 | 38.84 2.08 -11.96 | 39.60 2.05 -13.22 | 49.29 1.68 -26.68 | 48.33 1.39 -29.81 | 52.67 2.46 -19.97 | 52.66 2.08 -25.06 | 53.25 1.93 -28.09 | 51.65 2.51 -19.51 | 38.05 2.41 -7.80 | 37.60 2.58 -5.18 | 40.20 2.08 -10.75 |
| INDIAN POINT_GT_3 24019 | 54.26 2.40 -22.00 | 51.82 1.98 -24.63 | 38.27 1.63 -16.12 | 36.90 1.50 -16.30 | 35.24 1.42 -15.44 | 40.08 1.92 -13.81 | 54.52 2.65 -19.28 | 53.68 2.47 -21.67 | 50.54 2.60 -17.00 | 47.98 3.58 -2.08 | 45.47 3.10 -6.48 | 48.89 2.15 -21.89 | 40.31 2.45 -8.69 | 38.84 2.08 -11.96 | 39.60 2.05 -13.22 | 49.29 1.68 -26.68 | 48.33 1.39 -29.81 | 52.67 2.46 -19.97 | 52.66 2.08 -25.06 | 53.25 1.93 -28.09 | 51.65 2.51 -19.51 | 38.05 2.41 -7.80 | 37.60 2.58 -5.18 | 40.20 2.08 -10.75 |
| INDIAN POINT___2 23530 | 53.85 2.36 -21.62 | 51.37 1.96 -24.22 | 37.97 1.60 -15.85 | 36.61 1.49 -16.02 | 34.96 1.41 -15.18 | 39.81 1.88 -13.58 | 54.15 2.61 -18.96 | 53.27 2.43 -21.31 | 50.20 2.54 -16.71 | 47.86 3.50 -2.04 | 45.29 3.03 -6.37 | 48.48 2.10 -21.52 | 40.10 2.39 -8.54 | 38.58 2.03 -11.76 | 39.32 2.00 -12.99 | 48.80 1.64 -26.22 | 47.78 1.35 -29.30 | 52.26 2.40 -19.63 | 52.18 2.03 -24.63 | 52.73 1.89 -27.61 | 51.26 2.45 -19.17 | 37.87 2.35 -7.66 | 37.46 2.53 -5.09 | 39.97 2.03 -10.57 |
| INDIAN POINT___3 23531 | 54.25 2.38 -22.01 | 51.82 1.97 -24.65 | 38.26 1.62 -16.13 | 36.90 1.49 -16.31 | 35.24 1.42 -15.45 | 40.07 1.90 -13.82 | 54.50 2.62 -19.30 | 53.66 2.44 -21.68 | 50.52 2.56 -17.01 | 47.93 3.53 -2.08 | 45.43 3.07 -6.48 | 48.88 2.12 -21.90 | 40.28 2.42 -8.70 | 38.82 2.05 -11.97 | 39.58 2.03 -13.23 | 49.29 1.66 -26.70 | 48.33 1.37 -29.83 | 52.63 2.41 -19.99 | 52.64 2.05 -25.08 | 53.24 1.90 -28.11 | 51.63 2.47 -19.52 | 38.02 2.37 -7.80 | 37.57 2.54 -5.18 | 40.18 2.06 -10.76 |
| IP CORINTH___1 23988 | 65.07 2.66 -32.55 | 63.86 2.21 -36.45 | 46.14 1.77 -23.86 | 44.89 1.67 -24.11 | 42.82 1.60 -22.84 | 47.09 2.30 -20.44 | 64.32 3.20 -28.53 | 64.54 2.94 -32.07 | 59.29 3.13 -25.20 | 49.88 4.31 -3.25 | 49.11 3.65 -9.59 | 59.73 2.50 -32.38 | 44.94 2.91 -12.86 | 45.00 2.47 -17.74 | 46.39 2.44 -19.62 | 62.65 2.12 -39.59 | 90.92 1.77 -72.02 | 100.71 3.19 -67.28 | 106.51 2.69 -78.30 | 96.23 2.43 -70.57 | 102.07 3.06 -69.37 | 58.32 2.75 -27.72 | 51.12 2.87 -18.40 | 45.82 2.49 -15.96 |
| IP___TICONDEROGA 23804 | 65.88 3.52 -32.49 | 64.53 2.95 -36.38 | 46.63 2.30 -23.81 | 45.36 2.19 -24.07 | 43.24 2.07 -22.80 | 48.08 3.33 -20.40 | 65.86 4.80 -28.48 | 65.93 4.39 -32.01 | 60.84 4.73 -25.16 | 52.15 6.59 -3.25 | 51.09 5.64 -9.57 | 61.07 3.90 -32.32 | 46.56 4.56 -12.83 | 46.28 3.78 -17.71 | 47.66 3.76 -19.58 | 63.74 3.29 -39.53 | 91.53 2.74 -71.66 | 102.00 4.92 -66.85 | 107.45 4.11 -77.82 | 97.11 3.67 -70.20 | 103.06 4.51 -68.91 | 59.33 3.95 -27.53 | 52.24 4.11 -18.28 | 47.01 3.71 -15.93 |
| ISLIP_RES_REC 323679 | 55.65 3.49 -22.30 | 57.78 3.04 -29.54 | 39.37 2.51 -16.34 | 37.97 2.35 -16.52 | 36.15 2.13 -15.65 | 41.09 2.74 -14.00 | 56.00 3.87 -19.55 | 55.05 3.55 -21.97 | 51.90 3.71 -17.23 | 78.05 5.17 -30.56 | 79.55 4.34 -39.33 | 82.97 3.13 -54.99 | 48.90 3.64 -16.08 | 39.76 2.84 -12.13 | 40.41 2.68 -13.40 | 50.73 2.35 -27.45 | 94.36 2.00 -75.23 | 147.28 3.75 -113.30 | 352.86 3.19 -324.15 | 117.67 2.75 -91.68 | 74.09 3.56 -40.90 | 39.98 3.32 -8.81 | 38.42 3.33 -5.25 | 58.36 3.18 -27.81 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| JANIS___SOLAR 323808 | 37.37 1.92 -5.59 | 33.03 1.57 -6.26 | 25.87 1.26 -4.10 | 24.50 1.27 -4.14 | 23.53 1.23 -3.92 | 29.59 1.73 -3.51 | 39.95 2.45 -4.92 | 37.40 2.28 -5.59 | 38.19 2.26 -4.97 | 45.83 2.97 -0.54 | 39.87 2.32 -1.66 | 31.94 1.47 -5.62 | 32.81 1.41 -2.23 | 29.27 1.13 -3.35 | 29.17 1.04 -3.80 | 29.64 1.06 -7.64 | 27.76 1.07 -9.56 | 39.39 2.16 -6.99 | 36.18 1.81 -8.85 | 33.98 1.69 -9.06 | 38.73 2.15 -6.95 | 32.50 1.87 -2.78 | 33.55 1.87 -1.84 | 32.08 1.64 -3.08 |
| JARVIS____ 23743 | 30.07 0.21 0.00 | 25.38 0.18 0.00 | 20.66 0.14 0.00 | 19.25 0.15 0.00 | 18.52 0.14 0.00 | 24.52 0.17 0.00 | 32.78 0.20 0.00 | 29.71 0.18 0.00 | 31.13 0.17 0.00 | 42.56 0.24 0.00 | 36.09 0.21 0.00 | 25.00 0.14 0.00 | 29.32 0.15 0.00 | 24.92 0.13 0.00 | 24.45 0.13 0.00 | 21.04 0.10 0.00 | 17.22 0.09 0.00 | 30.39 0.16 0.00 | 25.65 0.13 0.00 | 23.35 0.12 0.00 | 29.80 0.17 0.00 | 28.02 0.17 0.00 | 30.02 0.18 0.00 | 27.53 0.16 0.00 |
| JENNISON___1 23625 | 39.06 2.17 -7.03 | 34.86 1.79 -7.87 | 27.11 1.45 -5.15 | 25.74 1.44 -5.21 | 24.69 1.38 -4.93 | 30.69 1.93 -4.41 | 41.51 2.74 -6.18 | 39.18 2.58 -7.07 | 39.98 2.60 -6.42 | 46.50 3.49 -0.69 | 40.77 2.79 -2.10 | 33.77 1.83 -7.09 | 33.92 1.93 -2.81 | 30.83 1.58 -4.45 | 30.96 1.52 -5.12 | 32.65 1.41 -10.30 | 32.06 1.26 -13.67 | 43.25 2.38 -10.64 | 40.41 2.02 -12.87 | 38.20 1.87 -13.09 | 42.71 2.39 -10.68 | 34.28 2.16 -4.27 | 34.87 2.19 -2.83 | 33.39 1.87 -4.15 |
| JENNISON___2 23626 | 39.06 2.17 -7.03 | 34.86 1.79 -7.87 | 27.11 1.45 -5.15 | 25.74 1.44 -5.21 | 24.69 1.38 -4.93 | 30.69 1.93 -4.41 | 41.51 2.74 -6.18 | 39.18 2.58 -7.07 | 39.98 2.60 -6.42 | 46.50 3.49 -0.69 | 40.77 2.79 -2.10 | 33.77 1.83 -7.09 | 33.92 1.93 -2.81 | 30.83 1.58 -4.45 | 30.96 1.52 -5.12 | 32.65 1.41 -10.30 | 32.06 1.26 -13.67 | 43.25 2.38 -10.64 | 40.41 2.02 -12.87 | 38.20 1.87 -13.09 | 42.71 2.39 -10.68 | 34.28 2.16 -4.27 | 34.87 2.19 -2.83 | 33.39 1.87 -4.15 |
| JERICHO_RISE_WT_PWR 323719 | 29.65 -0.21 0.00 | 24.99 -0.21 0.00 | 20.28 -0.23 0.00 | 18.86 -0.24 0.00 | 18.17 -0.21 0.00 | 24.18 -0.17 0.00 | 32.53 -0.05 0.00 | 29.62 0.09 0.00 | 31.14 0.18 0.00 | 42.58 0.26 0.00 | 36.04 0.16 0.00 | 24.98 0.13 0.00 | 29.34 0.16 0.00 | 24.83 0.03 0.00 | 24.38 0.05 0.00 | 20.99 0.06 0.00 | 17.14 0.01 0.00 | 30.33 0.10 0.00 | 25.65 0.13 0.00 | 23.23 0.00 0.00 | 29.56 -0.08 0.00 | 27.68 -0.17 0.00 | 29.54 -0.30 0.00 | 27.15 -0.22 0.00 |
| KCE_NY_1 323755 | 64.75 2.47 -32.41 | 63.56 2.07 -36.29 | 45.94 1.67 -23.75 | 44.69 1.58 -24.01 | 42.62 1.50 -22.75 | 46.76 2.06 -20.35 | 63.78 2.79 -28.41 | 64.02 2.56 -31.93 | 58.75 2.70 -25.10 | 49.25 3.69 -3.23 | 48.57 3.14 -9.54 | 59.25 2.15 -32.24 | 44.50 2.53 -12.80 | 44.61 2.15 -17.66 | 45.98 2.12 -19.53 | 62.18 1.83 -39.42 | 89.80 1.51 -71.16 | 99.18 2.71 -66.24 | 104.95 2.29 -77.14 | 95.00 2.07 -69.69 | 100.56 2.65 -68.27 | 57.56 2.43 -27.27 | 50.53 2.57 -18.11 | 45.47 2.21 -15.89 |
| KEDC_PORT_JEFF_GT2 24210 | 55.45 3.29 -22.30 | 57.62 2.88 -29.54 | 39.24 2.38 -16.34 | 37.85 2.23 -16.52 | 36.03 2.01 -15.65 | 40.92 2.57 -14.00 | 55.76 3.63 -19.55 | 54.83 3.33 -21.97 | 51.66 3.48 -17.23 | 77.70 4.82 -30.56 | 79.26 4.05 -39.33 | 82.77 2.92 -54.99 | 48.66 3.40 -16.08 | 39.59 2.67 -12.13 | 40.24 2.51 -13.40 | 50.58 2.19 -27.45 | 94.22 1.86 -75.23 | 147.01 3.48 -113.30 | 352.63 2.96 -324.15 | 117.48 2.56 -91.68 | 73.85 3.32 -40.90 | 39.77 3.11 -8.81 | 38.23 3.13 -5.25 | 58.19 3.01 -27.81 |
| KEDC_PORT_JEFF_GT3 24211 | 55.45 3.29 -22.30 | 57.62 2.88 -29.54 | 39.24 2.38 -16.34 | 37.85 2.23 -16.52 | 36.03 2.01 -15.65 | 40.92 2.57 -14.00 | 55.76 3.63 -19.55 | 54.83 3.33 -21.97 | 51.66 3.48 -17.23 | 77.70 4.82 -30.56 | 79.26 4.05 -39.33 | 82.77 2.92 -54.99 | 48.66 3.40 -16.08 | 39.59 2.67 -12.13 | 40.24 2.51 -13.40 | 50.58 2.19 -27.45 | 94.22 1.86 -75.23 | 147.01 3.48 -113.30 | 352.63 2.96 -324.15 | 117.48 2.56 -91.68 | 73.85 3.32 -40.90 | 39.77 3.11 -8.81 | 38.23 3.13 -5.25 | 58.19 3.01 -27.81 |
| KEDC_GLWD_GT4 24219 | 55.11 2.94 -22.30 | 57.22 2.48 -29.54 | 38.90 2.04 -16.34 | 37.52 1.90 -16.52 | 35.80 1.78 -15.65 | 40.71 2.35 -14.00 | 55.44 3.31 -19.55 | 54.59 3.09 -21.97 | 51.41 3.23 -17.23 | 77.40 4.51 -30.56 | 79.13 3.91 -39.33 | 82.57 2.72 -54.99 | 48.37 3.12 -16.08 | 39.51 2.59 -12.13 | 40.26 2.53 -13.40 | 50.52 2.13 -27.45 | 94.10 1.74 -75.23 | 146.46 2.93 -113.30 | 352.18 2.51 -324.15 | 117.35 2.44 -91.68 | 73.68 3.15 -40.90 | 39.62 2.97 -8.81 | 38.16 3.07 -5.25 | 57.82 2.65 -27.81 |
| KEDC_GLWD_GT5 24220 | 55.11 2.94 -22.30 | 57.22 2.48 -29.54 | 38.90 2.04 -16.34 | 37.52 1.90 -16.52 | 35.80 1.78 -15.65 | 40.71 2.35 -14.00 | 55.44 3.31 -19.55 | 54.59 3.09 -21.97 | 51.41 3.23 -17.23 | 77.40 4.51 -30.56 | 79.13 3.91 -39.33 | 82.57 2.72 -54.99 | 48.37 3.12 -16.08 | 39.51 2.59 -12.13 | 40.26 2.53 -13.40 | 50.52 2.13 -27.45 | 94.10 1.74 -75.23 | 146.46 2.93 -113.30 | 352.18 2.51 -324.15 | 117.35 2.44 -91.68 | 73.68 3.15 -40.90 | 39.62 2.97 -8.81 | 38.16 3.07 -5.25 | 57.82 2.65 -27.81 |
| KENSICO____ 23655 | 54.58 2.48 -22.23 | 52.15 2.06 -24.89 | 38.50 1.69 -16.29 | 37.13 1.57 -16.47 | 35.45 1.48 -15.60 | 40.30 1.99 -13.96 | 54.83 2.76 -19.49 | 54.01 2.58 -21.90 | 50.84 2.71 -17.18 | 48.20 3.78 -2.10 | 45.69 3.26 -6.55 | 49.23 2.26 -22.12 | 40.53 2.58 -8.78 | 39.07 2.19 -12.09 | 39.84 2.15 -13.36 | 49.67 1.77 -26.96 | 48.70 1.45 -30.13 | 52.99 2.57 -20.18 | 53.01 2.17 -25.32 | 53.63 2.01 -28.39 | 51.96 2.61 -19.71 | 38.23 2.50 -7.88 | 37.76 2.68 -5.23 | 40.41 2.18 -10.86 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 53.36 2.60 -20.89 | 50.73 2.13 -23.39 | 37.55 1.73 -15.31 | 36.17 1.59 -15.48 | 34.54 1.50 -14.66 | 39.54 2.07 -13.12 | 53.80 2.90 -18.32 | 52.82 2.73 -20.55 | 49.82 2.92 -15.95 | 48.13 3.83 -1.98 | 45.16 3.13 -6.15 | 47.76 2.12 -20.79 | 39.77 2.34 -8.25 | 38.03 2.01 -11.22 | 38.72 2.04 -12.36 | 47.63 1.76 -24.93 | 47.52 1.55 -28.85 | 53.08 2.84 -20.00 | 52.83 2.43 -24.88 | 52.74 2.22 -27.28 | 52.19 2.88 -19.67 | 38.41 2.70 -7.86 | 37.94 2.88 -5.22 | 39.73 2.31 -10.05 |
| KIAC_JFK_GT1 23816 | 54.45 2.30 -22.29 | 52.07 1.90 -24.96 | 38.45 1.60 -16.34 | 37.07 1.46 -16.52 | 35.41 1.39 -15.64 | 40.26 1.91 -14.00 | 54.82 2.70 -19.54 | 54.06 2.56 -21.96 | 50.91 2.73 -17.23 | 48.35 3.92 -2.11 | 45.76 3.31 -6.57 | 49.31 2.28 -22.18 | 40.55 2.57 -8.81 | 39.13 2.21 -12.12 | 39.90 2.17 -13.40 | 49.73 1.75 -27.04 | 48.74 1.40 -30.21 | 52.87 2.40 -20.24 | 52.90 1.99 -25.39 | 53.55 1.84 -28.47 | 51.80 2.40 -19.77 | 38.10 2.35 -7.90 | 37.73 2.64 -5.24 | 40.34 2.08 -10.90 |
| KIAC_JFK_GT2 23817 | 54.45 2.30 -22.29 | 52.07 1.90 -24.96 | 38.45 1.60 -16.34 | 37.07 1.46 -16.52 | 35.41 1.39 -15.64 | 40.26 1.91 -14.00 | 54.82 2.70 -19.54 | 54.06 2.56 -21.96 | 50.91 2.73 -17.23 | 48.35 3.92 -2.11 | 45.76 3.31 -6.57 | 49.31 2.28 -22.18 | 40.55 2.57 -8.81 | 39.13 2.21 -12.12 | 39.90 2.17 -13.40 | 49.73 1.75 -27.04 | 48.74 1.40 -30.21 | 52.87 2.40 -20.24 | 52.90 1.99 -25.39 | 53.55 1.84 -28.47 | 51.80 2.40 -19.77 | 38.10 2.35 -7.90 | 37.73 2.64 -5.24 | 40.34 2.08 -10.90 |
| KIAC_JFK____ 323774 | 54.45 2.30 -22.29 | 52.07 1.90 -24.96 | 38.45 1.60 -16.34 | 37.07 1.46 -16.52 | 35.41 1.39 -15.64 | 40.26 1.91 -14.00 | 54.82 2.70 -19.54 | 54.06 2.56 -21.96 | 50.91 2.73 -17.23 | 48.35 3.92 -2.11 | 45.76 3.31 -6.57 | 49.31 2.28 -22.18 | 40.55 2.57 -8.81 | 39.13 2.21 -12.12 | 39.90 2.17 -13.40 | 49.73 1.75 -27.04 | 48.74 1.40 -30.21 | 52.87 2.40 -20.24 | 52.90 1.99 -25.39 | 53.55 1.84 -28.47 | 51.80 2.40 -19.77 | 38.10 2.35 -7.90 | 37.73 2.64 -5.24 | 40.34 2.08 -10.90 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KINTIGH____ 23543 | 32.24 -0.59 -2.97 | 27.81 -0.72 -3.32 | 22.06 -0.62 -2.17 | 20.89 -0.41 -2.20 | 20.03 -0.43 -2.08 | 25.77 -0.44 -1.86 | 34.25 -0.92 -2.59 | 31.33 -1.11 -2.91 | 31.27 -1.57 -1.88 | 40.69 -1.90 -0.27 | 35.47 -1.26 -0.84 | 26.61 -1.09 -2.85 | 28.93 -1.38 -1.13 | 25.23 -1.16 -1.60 | 24.84 -1.26 -1.77 | 23.34 -1.19 -3.60 | 19.63 -1.17 -3.66 | 30.91 -1.83 -2.50 | 26.45 -1.54 -2.47 | 25.46 -1.32 -3.54 | 30.54 -1.52 -2.42 | 27.39 -1.43 -0.97 | 28.85 -1.63 -0.64 | 27.37 -1.45 -1.45 |
| LACHUTE____HYDRO 323717 | 65.88 3.52 -32.49 | 64.53 2.95 -36.38 | 46.63 2.30 -23.81 | 45.36 2.19 -24.07 | 43.24 2.07 -22.80 | 48.08 3.33 -20.40 | 65.86 4.80 -28.48 | 65.93 4.39 -32.01 | 60.84 4.73 -25.16 | 52.15 6.59 -3.25 | 51.09 5.64 -9.57 | 61.07 3.90 -32.32 | 46.56 4.56 -12.83 | 46.28 3.78 -17.71 | 47.66 3.76 -19.58 | 63.74 3.29 -39.53 | 91.53 2.74 -71.66 | 102.00 4.92 -66.85 | 107.45 4.11 -77.82 | 97.11 3.67 -70.20 | 103.06 4.51 -68.91 | 59.33 3.95 -27.53 | 52.24 4.11 -18.28 | 47.01 3.71 -15.93 |
| LEDERLE____ 23769 | 53.54 2.45 -21.22 | 50.99 2.03 -23.76 | 37.72 1.66 -15.55 | 36.36 1.54 -15.72 | 34.72 1.46 -14.89 | 39.63 1.96 -13.32 | 53.89 2.71 -18.60 | 52.97 2.54 -20.90 | 49.98 2.63 -16.39 | 47.94 3.62 -2.01 | 45.27 3.13 -6.25 | 48.15 2.18 -21.11 | 40.02 2.46 -8.38 | 38.42 2.09 -11.53 | 39.14 2.07 -12.75 | 48.37 1.71 -25.73 | 47.28 1.41 -28.74 | 52.00 2.50 -19.26 | 51.80 2.13 -24.16 | 52.30 1.98 -27.09 | 51.02 2.58 -18.81 | 37.83 2.46 -7.52 | 37.47 2.63 -4.99 | 39.84 2.11 -10.37 |
| LINDEN COGEN____ 23786 | 54.45 2.29 -22.29 | 52.10 1.94 -24.96 | 38.47 1.62 -16.34 | 37.10 1.49 -16.52 | 35.43 1.42 -15.64 | 40.22 1.87 -14.00 | 54.74 2.62 -19.54 | 53.97 2.48 -21.96 | 50.89 2.71 -17.23 | 48.28 3.86 -2.11 | 45.81 3.36 -6.57 | 49.33 2.29 -22.18 | 40.58 2.60 -8.81 | 39.12 2.20 -12.12 | 39.90 2.18 -13.40 | 49.75 1.78 -27.04 | 48.79 1.44 -30.21 | 53.01 2.53 -20.24 | 53.01 2.10 -25.39 | 53.64 1.94 -28.47 | 51.95 2.54 -19.77 | 38.22 2.47 -7.90 | 37.75 2.66 -5.24 | 40.38 2.12 -10.90 |
| LIPA_MISC_IPP 23656 | 55.33 3.17 -22.30 | 57.54 2.80 -29.54 | 39.16 2.31 -16.34 | 37.78 2.16 -16.52 | 35.95 1.93 -15.65 | 40.81 2.46 -14.00 | 55.57 3.44 -19.55 | 54.60 3.10 -21.97 | 51.42 3.24 -17.23 | 77.37 4.48 -30.56 | 78.95 3.73 -39.33 | 82.59 2.74 -54.99 | 48.48 3.22 -16.08 | 39.40 2.48 -12.13 | 40.02 2.29 -13.40 | 50.40 2.02 -27.45 | 94.08 1.72 -75.23 | 146.76 3.23 -113.30 | 352.45 2.78 -324.15 | 117.27 2.36 -91.68 | 73.61 3.07 -40.90 | 39.58 2.92 -8.81 | 37.98 2.89 -5.25 | 58.02 2.84 -27.81 |
| LISF____SOLAR 323691 | 55.35 3.19 -22.30 | 57.57 2.83 -29.54 | 39.18 2.32 -16.34 | 37.80 2.18 -16.52 | 35.97 1.94 -15.65 | 40.83 2.48 -14.00 | 55.60 3.47 -19.55 | 54.63 3.13 -21.97 | 51.44 3.26 -17.23 | 77.39 4.50 -30.56 | 78.97 3.75 -39.33 | 82.61 2.76 -54.99 | 48.49 3.24 -16.08 | 39.39 2.47 -12.13 | 40.01 2.28 -13.40 | 50.40 2.02 -27.45 | 94.09 1.73 -75.23 | 146.79 3.26 -113.30 | 352.48 2.81 -324.15 | 117.30 2.39 -91.68 | 73.64 3.10 -40.90 | 39.60 2.95 -8.81 | 38.00 2.91 -5.25 | 58.04 2.86 -27.81 |
| LITTLE FALLS____HYD 24013 | 30.52 0.65 0.00 | 25.79 0.59 0.00 | 20.98 0.46 0.00 | 19.55 0.46 0.00 | 18.82 0.45 0.00 | 24.96 0.61 0.00 | 33.48 0.90 0.00 | 30.39 0.86 0.00 | 31.91 0.95 0.00 | 43.40 1.08 0.00 | 36.74 0.86 0.00 | 25.43 0.57 0.00 | 29.79 0.62 0.00 | 25.30 0.50 0.00 | 24.78 0.45 0.00 | 21.32 0.39 0.00 | 17.53 0.40 0.00 | 31.05 0.81 0.00 | 26.17 0.65 0.00 | 23.89 0.65 0.00 | 30.56 0.92 0.00 | 28.70 0.84 0.00 | 30.73 0.89 0.00 | 28.03 0.66 0.00 |
| LI_NEWBRDGE____DRP 323616 | 55.05 2.89 -22.30 | 57.22 2.48 -29.54 | 38.91 2.05 -16.34 | 37.53 1.91 -16.52 | 35.78 1.76 -15.65 | 40.64 2.28 -14.00 | 55.38 3.25 -19.55 | 54.53 3.03 -21.97 | 51.34 3.16 -17.23 | 77.28 4.40 -30.56 | 78.96 3.75 -39.33 | 82.50 2.65 -54.99 | 48.30 3.05 -16.08 | 39.38 2.46 -12.13 | 40.10 2.37 -13.40 | 50.41 2.03 -27.45 | 94.04 1.68 -75.23 | 146.58 3.05 -113.30 | 352.26 2.59 -324.15 | 117.25 2.34 -91.68 | 73.57 3.03 -40.90 | 39.49 2.83 -8.81 | 38.00 2.91 -5.25 | 57.82 2.65 -27.81 |
| LOCKPORT____CC1 323769 | 32.50 -0.66 -3.29 | 28.05 -0.84 -3.69 | 22.19 -0.74 -2.41 | 21.07 -0.47 -2.44 | 20.19 -0.49 -2.31 | 25.96 -0.46 -2.07 | 34.42 -1.05 -2.89 | 31.49 -1.29 -3.25 | 31.05 -1.86 -1.96 | 40.42 -2.19 -0.30 | 35.35 -1.48 -0.94 | 26.71 -1.33 -3.18 | 28.78 -1.65 -1.26 | 25.15 -1.42 -1.78 | 24.77 -1.53 -1.98 | 23.48 -1.45 -3.99 | 19.76 -1.37 -4.00 | 30.97 -2.09 -2.83 | 26.24 -1.73 -2.45 | 25.64 -1.52 -3.93 | 30.66 -1.73 -2.75 | 27.33 -1.61 -1.10 | 28.74 -1.84 -0.73 | 27.28 -1.70 -1.61 |
| LOCKPORT____CC2 323770 | 32.50 -0.66 -3.29 | 28.05 -0.84 -3.69 | 22.19 -0.74 -2.41 | 21.07 -0.47 -2.44 | 20.19 -0.49 -2.31 | 25.96 -0.46 -2.07 | 34.42 -1.05 -2.89 | 31.49 -1.29 -3.25 | 31.05 -1.86 -1.96 | 40.42 -2.19 -0.30 | 35.35 -1.48 -0.94 | 26.71 -1.33 -3.18 | 28.78 -1.65 -1.26 | 25.15 -1.42 -1.78 | 24.77 -1.53 -1.98 | 23.48 -1.45 -3.99 | 19.76 -1.37 -4.00 | 30.97 -2.09 -2.83 | 26.24 -1.73 -2.45 | 25.64 -1.52 -3.93 | 30.66 -1.73 -2.75 | 27.33 -1.61 -1.10 | 28.74 -1.84 -0.73 | 27.28 -1.70 -1.61 |
| LOCKPORT____CC3 323771 | 32.50 -0.66 -3.29 | 28.05 -0.84 -3.69 | 22.19 -0.74 -2.41 | 21.07 -0.47 -2.44 | 20.19 -0.49 -2.31 | 25.96 -0.46 -2.07 | 34.42 -1.05 -2.89 | 31.49 -1.29 -3.25 | 31.05 -1.86 -1.96 | 40.42 -2.19 -0.30 | 35.35 -1.48 -0.94 | 26.71 -1.33 -3.18 | 28.78 -1.65 -1.26 | 25.15 -1.42 -1.78 | 24.77 -1.53 -1.98 | 23.48 -1.45 -3.99 | 19.76 -1.37 -4.00 | 30.97 -2.09 -2.83 | 26.24 -1.73 -2.45 | 25.64 -1.52 -3.93 | 30.66 -1.73 -2.75 | 27.33 -1.61 -1.10 | 28.74 -1.84 -0.73 | 27.28 -1.70 -1.61 |
| LONG_LAKE_PHOENIX 24014 | 31.19 -0.42 -1.75 | 26.80 -0.36 -1.96 | 21.53 -0.26 -1.29 | 20.18 -0.21 -1.30 | 19.40 -0.20 -1.23 | 25.16 -0.28 -1.10 | 33.67 -0.44 -1.53 | 30.79 -0.46 -1.72 | 31.78 -0.54 -1.37 | 41.74 -0.74 -0.16 | 35.82 -0.58 -0.51 | 26.22 -0.36 -1.72 | 29.36 -0.49 -0.68 | 25.35 -0.41 -0.96 | 24.97 -0.43 -1.07 | 22.77 -0.33 -2.17 | 18.22 -0.25 -1.33 | 29.94 -0.44 -0.15 | 25.55 -0.40 -0.42 | 24.04 -0.35 -1.15 | 29.18 -0.46 0.00 | 27.36 -0.49 0.00 | 29.28 -0.57 0.00 | 27.81 -0.43 -0.87 |
| LOVETT____3 23632 | 53.54 2.33 -21.34 | 51.03 1.93 -23.89 | 37.73 1.58 -15.64 | 36.37 1.46 -15.81 | 34.73 1.38 -14.98 | 39.60 1.86 -13.40 | 53.85 2.57 -18.71 | 52.95 2.40 -21.02 | 49.93 2.49 -16.48 | 47.75 3.42 -2.02 | 45.13 2.96 -6.29 | 48.15 2.06 -21.23 | 39.93 2.33 -8.43 | 38.38 1.98 -11.60 | 39.10 1.96 -12.82 | 48.42 1.62 -25.87 | 47.37 1.33 -28.90 | 51.95 2.35 -19.37 | 51.81 2.00 -24.30 | 52.33 1.85 -27.24 | 50.97 2.42 -18.92 | 37.73 2.32 -7.56 | 37.35 2.49 -5.02 | 39.79 2.00 -10.43 |
| LOVETT____4 23642 | 53.54 2.33 -21.34 | 51.03 1.93 -23.89 | 37.73 1.58 -15.64 | 36.37 1.46 -15.81 | 34.73 1.38 -14.98 | 39.60 1.86 -13.40 | 53.85 2.57 -18.71 | 52.95 2.40 -21.02 | 49.93 2.49 -16.48 | 47.75 3.42 -2.02 | 45.13 2.96 -6.29 | 48.15 2.06 -21.23 | 39.93 2.33 -8.43 | 38.38 1.98 -11.60 | 39.10 1.96 -12.82 | 48.42 1.62 -25.87 | 47.37 1.33 -28.90 | 51.95 2.35 -19.37 | 51.81 2.00 -24.30 | 52.33 1.85 -27.24 | 50.97 2.42 -18.92 | 37.73 2.32 -7.56 | 37.35 2.49 -5.02 | 39.79 2.00 -10.43 |
| LOVETT____5 23593 | 53.54 2.33 -21.34 | 51.03 1.93 -23.89 | 37.73 1.58 -15.64 | 36.37 1.46 -15.81 | 34.73 1.38 -14.98 | 39.60 1.86 -13.40 | 53.85 2.57 -18.71 | 52.95 2.40 -21.02 | 49.93 2.49 -16.48 | 47.75 3.42 -2.02 | 45.13 2.96 -6.29 | 48.15 2.06 -21.23 | 39.93 2.33 -8.43 | 38.38 1.98 -11.60 | 39.10 1.96 -12.82 | 48.42 1.62 -25.87 | 47.37 1.33 -28.90 | 51.95 2.35 -19.37 | 51.81 2.00 -24.30 | 52.33 1.85 -27.24 | 50.97 2.42 -18.92 | 37.73 2.32 -7.56 | 37.35 2.49 -5.02 | 39.79 2.00 -10.43 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOWER RAQUET___HYD 24057 | 28.06 -1.80 0.00 | 23.67 -1.54 0.00 | 19.22 -1.29 0.00 | 17.85 -1.25 0.00 | 17.21 -1.16 0.00 | 22.88 -1.47 0.00 | 30.79 -1.79 0.00 | 28.09 -1.44 0.00 | 29.59 -1.36 0.00 | 40.48 -1.84 0.00 | 34.07 -1.82 0.00 | 23.58 -1.28 0.00 | 27.71 -1.46 0.00 | 23.52 -1.27 0.00 | 23.16 -1.17 0.00 | 19.91 -1.02 0.00 | 16.34 -0.79 0.00 | 28.90 -1.33 0.00 | 24.41 -1.11 0.00 | 22.14 -1.10 0.00 | 28.14 -1.50 0.00 | 26.38 -1.47 0.00 | 28.41 -1.43 0.00 | 25.91 -1.46 0.00 |
| LOWER___HUDSON 24059 | 63.43 2.02 -31.55 | 62.23 1.71 -35.33 | 45.02 1.38 -23.12 | 43.78 1.31 -23.37 | 41.76 1.24 -22.14 | 45.80 1.64 -19.81 | 62.40 2.16 -27.65 | 62.59 1.97 -31.08 | 57.46 2.09 -24.42 | 48.32 2.88 -3.12 | 47.65 2.47 -9.29 | 57.94 1.70 -31.39 | 43.65 2.02 -12.46 | 43.72 1.73 -17.19 | 45.02 1.69 -19.01 | 60.71 1.41 -38.37 | 83.37 1.14 -65.10 | 91.08 2.00 -58.84 | 96.15 1.70 -68.93 | 88.30 1.56 -63.51 | 92.06 2.03 -60.39 | 53.90 1.91 -24.13 | 47.93 2.06 -16.02 | 44.60 1.77 -15.46 |
| LWR___OSWEGATCHIE_HYD 23850 | 29.53 -0.92 -0.59 | 25.08 -0.79 -0.66 | 20.28 -0.67 -0.43 | 18.89 -0.64 -0.44 | 18.22 -0.57 -0.42 | 24.04 -0.68 -0.37 | 32.34 -0.76 -0.52 | 29.59 -0.53 -0.58 | 30.87 -0.55 -0.46 | 41.54 -0.83 -0.05 | 35.17 -0.89 -0.17 | 24.82 -0.62 -0.58 | 28.71 -0.70 -0.23 | 24.49 -0.63 -0.33 | 24.10 -0.59 -0.36 | 21.18 -0.49 -0.73 | 17.29 -0.30 -0.45 | 29.87 -0.42 -0.05 | 25.29 -0.38 -0.14 | 23.22 -0.41 -0.39 | 29.01 -0.63 0.00 | 27.17 -0.68 0.00 | 29.17 -0.68 0.00 | 26.91 -0.76 -0.30 |
| LYONS_FALL_HYD 23570 | 31.10 0.46 -0.77 | 26.44 0.38 -0.86 | 21.38 0.30 -0.56 | 19.97 0.30 -0.57 | 19.23 0.32 -0.54 | 25.32 0.49 -0.48 | 34.02 0.76 -0.67 | 31.08 0.79 -0.76 | 32.33 0.77 -0.60 | 43.33 0.94 -0.07 | 36.80 0.69 -0.23 | 26.06 0.44 -0.76 | 29.99 0.52 -0.30 | 25.62 0.40 -0.42 | 25.18 0.39 -0.47 | 22.27 0.38 -0.96 | 18.14 0.42 -0.59 | 31.18 0.88 -0.06 | 26.42 0.71 -0.19 | 24.36 0.61 -0.51 | 30.36 0.72 0.00 | 28.46 0.61 0.00 | 30.42 0.57 0.00 | 28.19 0.44 -0.38 |
| MADISON___COUNTY_LFGE 323628 | 32.06 0.91 -1.29 | 27.41 0.76 -1.45 | 22.08 0.61 -0.95 | 20.68 0.62 -0.96 | 19.88 0.60 -0.91 | 26.02 0.86 -0.81 | 34.94 1.22 -1.13 | 31.96 1.14 -1.28 | 33.14 1.17 -1.02 | 44.00 1.57 -0.12 | 37.44 1.18 -0.38 | 26.86 0.72 -1.28 | 30.45 0.76 -0.51 | 26.13 0.62 -0.72 | 25.72 0.60 -0.80 | 23.11 0.57 -1.61 | 18.66 0.54 -0.99 | 31.46 1.11 -0.11 | 26.76 0.92 -0.31 | 24.92 0.83 -0.85 | 30.68 1.05 0.00 | 28.76 0.91 0.00 | 30.72 0.87 0.00 | 28.78 0.76 -0.65 |
| MAPLE_RIDGE_WT_1 323574 | 29.27 -0.59 0.00 | 24.71 -0.49 0.00 | 20.08 -0.43 0.00 | 18.66 -0.44 0.00 | 17.97 -0.41 0.00 | 23.68 -0.67 0.00 | 31.53 -1.06 0.00 | 28.71 -0.82 0.00 | 30.13 -0.82 0.00 | 41.16 -1.16 0.00 | 34.72 -1.17 0.00 | 24.10 -0.75 0.00 | 28.38 -0.80 0.00 | 24.14 -0.65 0.00 | 23.75 -0.57 0.00 | 20.44 -0.49 0.00 | 16.70 -0.43 0.00 | 29.55 -0.68 0.00 | 24.77 -0.75 0.00 | 22.41 -0.83 0.00 | 28.49 -1.15 0.00 | 26.98 -0.88 0.00 | 29.13 -0.71 0.00 | 26.86 -0.51 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 29.27 -0.59 0.00 | 24.71 -0.49 0.00 | 20.08 -0.43 0.00 | 18.66 -0.44 0.00 | 17.97 -0.41 0.00 | 23.68 -0.67 0.00 | 31.53 -1.06 0.00 | 28.71 -0.82 0.00 | 30.13 -0.82 0.00 | 41.16 -1.16 0.00 | 34.72 -1.17 0.00 | 24.10 -0.75 0.00 | 28.38 -0.80 0.00 | 24.14 -0.65 0.00 | 23.75 -0.57 0.00 | 20.44 -0.49 0.00 | 16.70 -0.43 0.00 | 29.55 -0.68 0.00 | 24.77 -0.75 0.00 | 22.41 -0.83 0.00 | 28.49 -1.15 0.00 | 26.98 -0.88 0.00 | 29.13 -0.71 0.00 | 26.86 -0.51 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 29.70 -0.16 0.00 | 25.04 -0.16 0.00 | 20.31 -0.20 0.00 | 18.90 -0.20 0.00 | 18.20 -0.18 0.00 | 24.23 -0.12 0.00 | 32.59 0.01 0.00 | 29.60 0.07 0.00 | 31.12 0.17 0.00 | 42.56 0.24 0.00 | 36.04 0.15 0.00 | 24.98 0.12 0.00 | 29.33 0.15 0.00 | 24.82 0.03 0.00 | 24.37 0.05 0.00 | 20.97 0.04 0.00 | 17.13 0.00 0.00 | 30.29 0.06 0.00 | 25.62 0.10 0.00 | 23.20 -0.03 0.00 | 29.53 -0.11 0.00 | 27.65 -0.20 0.00 | 29.51 -0.34 0.00 | 27.11 -0.26 0.00 |
| MARSH_HILL_WT_PWR 323713 | 35.12 0.86 -4.40 | 30.56 0.43 -4.93 | 24.04 0.31 -3.23 | 22.81 0.45 -3.26 | 21.90 0.44 -3.09 | 27.82 0.70 -2.77 | 37.29 0.67 -4.04 | 34.42 0.34 -4.55 | 37.76 0.22 -6.58 | 43.45 0.70 -0.43 | 38.19 0.95 -1.35 | 30.05 0.63 -4.56 | 31.59 0.61 -1.81 | 27.85 0.50 -2.56 | 27.57 0.42 -2.83 | 26.82 0.40 -5.49 | 24.79 0.27 -7.38 | 35.10 0.78 -4.09 | 35.63 0.76 -9.35 | 30.32 0.75 -6.33 | 34.66 1.03 -3.99 | 30.25 0.80 -1.59 | 31.55 0.65 -1.06 | 30.04 0.47 -2.20 |
| MG INDUSTRY___DRP 24185 | 61.28 1.66 -29.75 | 59.93 1.41 -33.31 | 43.49 1.18 -21.81 | 42.27 1.13 -22.04 | 40.37 1.11 -20.88 | 44.44 1.41 -18.68 | 60.41 1.75 -26.08 | 60.45 1.60 -29.31 | 55.65 1.67 -23.02 | 47.50 2.32 -2.86 | 46.65 2.00 -8.76 | 55.78 1.33 -29.60 | 42.58 1.66 -11.75 | 42.42 1.43 -16.20 | 43.62 1.38 -17.92 | 58.23 1.14 -36.16 | 66.26 0.94 -48.19 | 69.48 1.63 -37.62 | 72.38 1.38 -45.48 | 70.67 1.27 -46.16 | 69.05 1.64 -37.77 | 44.53 1.59 -15.09 | 41.58 1.72 -10.02 | 43.43 1.49 -14.57 |
| MID___OSWEGATCHIE_HYD 23849 | 29.53 -0.92 -0.59 | 25.08 -0.79 -0.66 | 20.28 -0.67 -0.43 | 18.89 -0.64 -0.44 | 18.22 -0.57 -0.42 | 24.04 -0.68 -0.37 | 32.34 -0.76 -0.52 | 29.59 -0.53 -0.58 | 30.87 -0.55 -0.46 | 41.54 -0.83 -0.05 | 35.17 -0.89 -0.17 | 24.82 -0.62 -0.58 | 28.71 -0.70 -0.23 | 24.49 -0.63 -0.33 | 24.10 -0.59 -0.36 | 21.18 -0.49 -0.73 | 17.29 -0.30 -0.45 | 29.87 -0.42 -0.05 | 25.29 -0.38 -0.14 | 23.22 -0.41 -0.39 | 29.01 -0.63 0.00 | 27.17 -0.68 0.00 | 29.17 -0.68 0.00 | 26.91 -0.76 -0.30 |
| MID___RAQUETTE_HYD 23851 | 28.06 -1.80 0.00 | 23.67 -1.54 0.00 | 19.22 -1.29 0.00 | 17.85 -1.25 0.00 | 17.21 -1.16 0.00 | 22.88 -1.47 0.00 | 30.79 -1.79 0.00 | 28.09 -1.44 0.00 | 29.59 -1.36 0.00 | 40.48 -1.84 0.00 | 34.07 -1.82 0.00 | 23.58 -1.28 0.00 | 27.71 -1.46 0.00 | 23.52 -1.27 0.00 | 23.16 -1.17 0.00 | 19.91 -1.02 0.00 | 16.34 -0.79 0.00 | 28.90 -1.33 0.00 | 24.41 -1.11 0.00 | 22.14 -1.10 0.00 | 28.14 -1.50 0.00 | 26.38 -1.47 0.00 | 28.41 -1.43 0.00 | 25.91 -1.46 0.00 |
| MILLIKEN___1 23584 | 35.05 0.92 -4.26 | 30.73 0.75 -4.77 | 24.22 0.59 -3.12 | 22.88 0.62 -3.16 | 21.97 0.60 -2.99 | 27.88 0.85 -2.68 | 37.50 1.17 -3.76 | 34.81 1.04 -4.24 | 35.62 1.01 -3.66 | 44.15 1.42 -0.40 | 38.35 1.21 -1.26 | 29.93 0.81 -4.26 | 31.61 0.75 -1.69 | 27.79 0.58 -2.42 | 27.54 0.52 -2.70 | 26.87 0.51 -5.43 | 23.92 0.52 -6.27 | 35.50 1.04 -4.22 | 31.95 0.85 -5.59 | 29.91 0.80 -5.87 | 34.80 1.02 -4.14 | 30.35 0.85 -1.65 | 31.75 0.81 -1.10 | 30.30 0.75 -2.18 |
| MILLIKEN___2 23585 | 35.05 0.92 -4.26 | 30.73 0.75 -4.77 | 24.22 0.59 -3.12 | 22.88 0.62 -3.16 | 21.97 0.60 -2.99 | 27.88 0.85 -2.68 | 37.50 1.17 -3.76 | 34.81 1.04 -4.24 | 35.62 1.01 -3.66 | 44.15 1.42 -0.40 | 38.35 1.21 -1.26 | 29.93 0.81 -4.26 | 31.61 0.75 -1.69 | 27.79 0.58 -2.42 | 27.54 0.52 -2.70 | 26.87 0.51 -5.43 | 23.92 0.52 -6.27 | 35.50 1.04 -4.22 | 31.95 0.85 -5.59 | 29.91 0.80 -5.87 | 34.80 1.02 -4.14 | 30.35 0.85 -1.65 | 31.75 0.81 -1.10 | 30.30 0.75 -2.18 |
| MILLIKEN___DIESEL 23629 | 35.05 0.92 -4.26 | 30.73 0.75 -4.77 | 24.22 0.59 -3.12 | 22.88 0.62 -3.16 | 21.97 0.60 -2.99 | 27.88 0.85 -2.68 | 37.50 1.17 -3.76 | 34.81 1.04 -4.24 | 35.62 1.01 -3.66 | 44.15 1.42 -0.40 | 38.35 1.21 -1.26 | 29.93 0.81 -4.26 | 31.61 0.75 -1.69 | 27.79 0.58 -2.42 | 27.54 0.52 -2.70 | 26.87 0.51 -5.43 | 23.92 0.52 -6.27 | 35.50 1.04 -4.22 | 31.95 0.85 -5.59 | 29.91 0.80 -5.87 | 34.80 1.02 -4.14 | 30.35 0.85 -1.65 | 31.75 0.81 -1.10 | 30.30 0.75 -2.18 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MILLSEAT___LFGE 323607 | 32.93 -0.09 -3.15 | 28.38 -0.35 -3.53 | 22.50 -0.33 -2.31 | 21.33 -0.11 -2.34 | 20.46 -0.13 -2.21 | 26.37 0.04 -1.98 | 35.06 -0.28 -2.75 | 32.09 -0.53 -3.09 | 31.87 -1.01 -1.93 | 41.49 -1.11 -0.29 | 36.14 -0.64 -0.90 | 27.13 -0.75 -3.03 | 29.37 -1.00 -1.20 | 25.61 -0.88 -1.69 | 25.21 -1.00 -1.89 | 23.79 -0.97 -3.82 | 20.11 -0.90 -3.88 | 31.70 -1.22 -2.69 | 27.05 -1.00 -2.53 | 26.14 -0.86 -3.77 | 31.31 -0.93 -2.61 | 27.98 -0.91 -1.04 | 29.41 -1.13 -0.69 | 27.85 -1.06 -1.54 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 54.41 2.43 -22.12 | 51.99 2.02 -24.77 | 38.38 1.66 -16.21 | 37.01 1.53 -16.39 | 35.34 1.45 -15.52 | 40.18 1.95 -13.89 | 54.67 2.69 -19.39 | 53.84 2.52 -21.79 | 50.68 2.64 -17.09 | 48.07 3.66 -2.09 | 45.57 3.17 -6.51 | 49.05 2.19 -22.01 | 40.41 2.50 -8.74 | 38.95 2.13 -12.03 | 39.71 2.09 -13.29 | 49.48 1.72 -26.83 | 48.51 1.41 -29.97 | 52.82 2.50 -20.09 | 52.83 2.12 -25.20 | 53.44 1.96 -28.25 | 51.80 2.54 -19.62 | 38.13 2.44 -7.84 | 37.67 2.62 -5.20 | 40.30 2.12 -10.81 |
| MODEL_CITY_ENERGY 24167 | 32.08 -1.10 -3.32 | 27.71 -1.22 -3.72 | 21.91 -1.04 -2.44 | 20.80 -0.76 -2.46 | 19.94 -0.77 -2.33 | 25.62 -0.82 -2.09 | 33.95 -1.55 -2.92 | 31.05 -1.76 -3.28 | 30.59 -2.36 -2.00 | 39.73 -2.90 -0.30 | 34.78 -2.06 -0.95 | 26.33 -1.73 -3.21 | 28.33 -2.12 -1.27 | 24.76 -1.82 -1.79 | 24.39 -1.93 -2.00 | 23.16 -1.79 -4.02 | 19.53 -1.65 -4.05 | 30.50 -2.59 -2.85 | 25.89 -2.13 -2.51 | 25.29 -1.90 -3.97 | 30.21 -2.20 -2.77 | 26.91 -2.05 -1.11 | 28.32 -2.26 -0.74 | 26.89 -2.10 -1.62 |
| MODERN_LFGE___ 323580 | 32.08 -1.10 -3.32 | 27.71 -1.22 -3.72 | 21.91 -1.04 -2.44 | 20.80 -0.76 -2.46 | 19.94 -0.77 -2.33 | 25.62 -0.82 -2.09 | 33.95 -1.55 -2.92 | 31.05 -1.76 -3.28 | 30.59 -2.36 -2.00 | 39.73 -2.90 -0.30 | 34.78 -2.06 -0.95 | 26.33 -1.73 -3.21 | 28.33 -2.12 -1.27 | 24.76 -1.82 -1.79 | 24.39 -1.93 -2.00 | 23.16 -1.79 -4.02 | 19.53 -1.65 -4.05 | 30.50 -2.59 -2.85 | 25.89 -2.13 -2.51 | 25.29 -1.90 -3.97 | 30.21 -2.20 -2.77 | 26.91 -2.05 -1.11 | 28.32 -2.26 -0.74 | 26.89 -2.10 -1.62 |
| MOHAWK_PAPER___DRP 24187 | 62.82 1.80 -31.16 | 61.60 1.51 -34.89 | 44.60 1.25 -22.84 | 43.37 1.19 -23.09 | 41.41 1.17 -21.87 | 45.40 1.48 -19.57 | 61.79 1.89 -27.31 | 61.97 1.74 -30.70 | 56.91 1.84 -24.12 | 47.92 2.55 -3.05 | 47.28 2.22 -9.18 | 57.33 1.48 -31.00 | 43.30 1.82 -12.31 | 43.32 1.56 -16.98 | 44.60 1.50 -18.77 | 60.09 1.27 -37.89 | 77.31 1.04 -59.14 | 83.18 1.81 -51.14 | 87.51 1.53 -60.46 | 82.01 1.40 -57.37 | 83.62 1.82 -52.16 | 50.44 1.75 -20.84 | 45.57 1.89 -13.84 | 44.24 1.60 -15.27 |
| MONGAUP___HYD 23641 | 52.31 2.63 -19.81 | 49.57 2.18 -22.19 | 36.80 1.76 -14.52 | 35.43 1.65 -14.68 | 33.85 1.57 -13.91 | 38.92 2.13 -12.44 | 52.83 2.88 -17.37 | 50.99 1.94 -19.52 | 48.25 2.00 -15.30 | 46.75 2.56 -1.87 | 44.21 2.49 -5.84 | 46.44 1.87 -19.72 | 39.13 2.12 -7.83 | 37.37 1.81 -10.77 | 38.03 1.81 -11.89 | 46.20 1.27 -24.00 | 45.00 1.04 -26.83 | 50.18 1.96 -17.98 | 49.76 1.69 -22.56 | 50.09 1.57 -25.28 | 49.26 2.06 -17.56 | 37.04 2.17 -7.02 | 36.92 2.42 -4.66 | 39.10 2.06 -9.67 |
| MONTAUK___DIESEL 23721 | 56.37 4.21 -22.30 | 58.42 3.68 -29.54 | 39.85 2.99 -16.34 | 38.43 2.81 -16.52 | 36.58 2.56 -15.65 | 41.67 3.32 -14.00 | 56.74 4.61 -19.55 | 55.64 4.14 -21.97 | 52.51 4.33 -17.23 | 78.92 6.04 -30.56 | 80.26 5.05 -39.33 | 83.48 3.63 -54.99 | 49.63 4.38 -16.08 | 40.31 3.39 -12.13 | 40.85 3.12 -13.40 | 51.13 2.75 -27.45 | 94.70 2.34 -75.23 | 147.74 4.21 -113.30 | 353.15 3.48 -324.15 | 118.06 3.15 -91.68 | 74.65 4.11 -40.90 | 40.55 3.89 -8.81 | 38.92 3.83 -5.25 | 58.86 3.68 -27.81 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 54.70 2.54 -22.29 | 52.28 2.11 -24.96 | 38.60 1.75 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 54.99 2.86 -19.54 | 54.19 2.69 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.94 3.49 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.29 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.19 2.27 -25.40 | 53.80 2.09 -28.47 | 52.12 2.71 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.54 2.28 -10.90 |
| MUNSVILLE_WIND_PWR 323609 | 39.24 3.07 -6.31 | 34.81 2.55 -7.07 | 27.19 2.05 -4.62 | 25.79 2.02 -4.68 | 24.77 1.96 -4.43 | 31.04 2.73 -3.96 | 42.03 3.90 -5.55 | 39.56 3.69 -6.33 | 40.34 3.69 -5.70 | 47.73 4.79 -0.62 | 41.49 3.72 -1.88 | 33.63 2.42 -6.35 | 34.13 2.44 -2.52 | 30.73 2.03 -3.91 | 30.68 1.90 -4.46 | 31.79 1.88 -8.98 | 30.53 1.75 -11.64 | 42.48 3.43 -8.82 | 39.32 2.86 -10.94 | 36.99 2.66 -11.09 | 41.86 3.40 -8.82 | 34.45 3.08 -3.52 | 35.31 3.13 -2.34 | 33.68 2.69 -3.62 |
| N SALMON___HYD 24042 | 29.91 0.04 0.00 | 25.18 -0.02 0.00 | 20.44 -0.07 0.00 | 19.01 -0.08 0.00 | 18.32 -0.05 0.00 | 24.39 0.04 0.00 | 32.85 0.26 0.00 | 29.98 0.45 0.00 | 31.54 0.58 0.00 | 43.13 0.81 0.00 | 36.45 0.56 0.00 | 25.23 0.37 0.00 | 29.61 0.43 0.00 | 25.05 0.26 0.00 | 24.62 0.29 0.00 | 21.20 0.27 0.00 | 17.34 0.20 0.00 | 30.70 0.47 0.00 | 25.96 0.44 0.00 | 23.52 0.28 0.00 | 29.88 0.25 0.00 | 27.98 0.13 0.00 | 29.88 0.04 0.00 | 27.39 0.02 0.00 |
| N.E_GEN_SANDY PD 24062 | 65.25 2.26 -33.13 | 64.03 1.89 -36.95 | 56.72 1.51 -34.70 | 59.67 1.40 -39.17 | 60.83 1.31 -41.14 | 51.94 1.75 -25.84 | 58.47 2.31 -23.58 | 58.14 2.10 -26.50 | 58.23 2.24 -25.04 | 72.10 3.10 -26.68 | 93.92 2.68 -55.36 | 95.54 1.86 -68.82 | 77.63 2.19 -46.27 | 77.59 1.88 -50.92 | 58.87 1.84 -32.70 | 69.07 1.50 -46.64 | 62.69 1.20 -44.36 | 80.70 2.11 -48.36 | 78.44 1.79 -51.13 | 68.29 1.66 -43.40 | 68.06 2.16 -36.27 | 48.96 2.08 -19.03 | 47.91 2.28 -15.78 | 51.84 1.90 -22.57 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 53.53 2.38 -21.28 | 51.01 1.97 -23.83 | 37.73 1.61 -15.60 | 36.36 1.49 -15.77 | 34.73 1.41 -14.94 | 39.61 1.90 -13.37 | 53.86 2.62 -18.66 | 52.95 2.45 -20.97 | 49.94 2.55 -16.44 | 47.82 3.49 -2.01 | 45.18 3.02 -6.27 | 48.14 2.10 -21.18 | 39.96 2.38 -8.41 | 38.39 2.02 -11.57 | 39.11 1.99 -12.79 | 48.39 1.65 -25.81 | 47.33 1.36 -28.83 | 51.97 2.41 -19.32 | 51.80 2.05 -24.24 | 52.31 1.90 -27.17 | 50.98 2.48 -18.87 | 37.76 2.37 -7.54 | 37.39 2.54 -5.01 | 39.80 2.03 -10.40 |
| NARROWS_GT1_1 24228 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_2 24229 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_3 24230 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_4 24231 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_5 24232 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_6 24233 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_7 24234 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT1_8 24235 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_1 24236 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_2 24237 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_3 24238 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_4 24239 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_5 24240 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_6 24241 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_7 24242 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NARROWS_GT2_8 24243 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 60.42 2.28 -28.28 | 58.79 1.92 -31.66 | 42.84 1.60 -20.73 | 41.59 1.54 -20.95 | 39.75 1.53 -19.85 | 44.07 1.96 -17.76 | 59.84 2.47 -24.79 | 59.64 2.25 -27.86 | 55.20 2.38 -21.86 | 48.26 3.22 -2.72 | 46.80 2.59 -8.33 | 54.59 1.60 -28.13 | 42.31 1.97 -11.17 | 41.88 1.71 -15.39 | 42.98 1.65 -17.01 | 56.70 1.45 -34.33 | 64.13 1.31 -45.69 | 68.25 2.37 -35.64 | 70.62 2.00 -43.10 | 68.83 1.82 -43.77 | 67.74 2.32 -35.78 | 44.33 2.18 -14.30 | 41.67 2.34 -9.49 | 43.26 2.06 -13.83 |
| NEG CAPITAL___MECHNVIL 23645 | 64.46 2.44 -32.15 | 63.24 2.04 -36.00 | 45.73 1.66 -23.56 | 44.48 1.56 -23.82 | 42.43 1.49 -22.56 | 46.57 2.03 -20.19 | 63.52 2.76 -28.18 | 63.73 2.52 -31.68 | 58.51 2.66 -24.89 | 49.18 3.66 -3.20 | 48.46 3.11 -9.47 | 58.97 2.13 -31.98 | 44.37 2.50 -12.70 | 44.44 2.13 -17.52 | 45.80 2.10 -19.38 | 61.85 1.81 -39.11 | 88.16 1.50 -69.53 | 97.21 2.69 -64.28 | 102.76 2.27 -74.97 | 93.33 2.06 -68.04 | 98.45 2.63 -66.19 | 56.71 2.42 -26.44 | 49.95 2.54 -17.56 | 45.31 2.18 -15.76 |

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|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 31.88 -0.55 -2.56 | 27.48 -0.59 -2.87 | 21.89 -0.50 -1.88 | 20.63 -0.36 -1.90 | 19.82 -0.35 -1.80 | 25.59 -0.37 -1.61 | 34.17 -0.63 -2.22 | 31.33 -0.69 -2.49 | 31.88 -0.93 -1.86 | 41.40 -1.15 -0.23 | 35.81 -0.80 -0.73 | 26.67 -0.66 -2.47 | 29.27 -0.88 -0.98 | 25.41 -0.77 -1.38 | 25.02 -0.84 -1.54 | 23.32 -0.76 -3.15 | 19.82 -0.66 -3.35 | 31.36 -1.00 -2.13 | 27.36 -0.86 -2.71 | 25.63 -0.75 -3.14 | 30.80 -0.89 -2.06 | 27.76 -0.92 -0.82 | 29.27 -1.12 -0.55 | 27.66 -0.97 -1.27 |
| NEG CENTRAL___DRP 24199 | 33.03 0.36 -2.81 | 28.57 0.22 -3.15 | 22.74 0.16 -2.06 | 21.43 0.26 -2.08 | 20.59 0.24 -1.97 | 26.49 0.38 -1.76 | 35.55 0.50 -2.47 | 32.68 0.36 -2.78 | 33.70 0.28 -2.47 | 43.00 0.42 -0.26 | 37.17 0.46 -0.82 | 27.95 0.32 -2.78 | 30.46 0.18 -1.10 | 26.49 0.14 -1.56 | 26.12 0.06 -1.73 | 24.50 0.07 -3.49 | 21.13 0.11 -3.89 | 32.97 0.31 -2.43 | 29.27 0.26 -3.48 | 27.10 0.28 -3.59 | 32.35 0.36 -2.35 | 29.01 0.22 -0.94 | 30.59 0.12 -0.62 | 28.90 0.13 -1.41 |
| NEG CENTRAL___INDECK 23768 | 34.80 1.24 -3.70 | 30.16 0.81 -4.15 | 23.83 0.60 -2.71 | 22.56 0.72 -2.74 | 21.68 0.71 -2.60 | 27.92 1.26 -2.31 | 37.58 2.74 -2.26 | 34.36 2.29 -2.54 | 34.82 2.09 -1.78 | 44.45 1.89 -0.24 | 37.62 1.00 -0.74 | 27.80 0.44 -2.50 | 30.60 0.43 -0.99 | 26.50 0.31 -1.40 | 26.07 0.12 -1.63 | 25.44 0.04 -4.47 | 23.72 0.23 -6.36 | 34.50 0.93 -3.33 | 34.92 0.87 -8.52 | 29.43 0.85 -5.35 | 34.00 1.12 -3.25 | 30.07 0.92 -1.30 | 31.47 0.76 -0.86 | 29.85 0.63 -1.85 |
| NEG CENTRAL___SENECA 23627 | 33.53 0.56 -3.11 | 29.03 0.34 -3.48 | 23.04 0.24 -2.28 | 21.77 0.36 -2.30 | 20.90 0.34 -2.18 | 26.86 0.55 -1.95 | 36.03 0.71 -2.74 | 33.17 0.55 -3.09 | 34.32 0.48 -2.88 | 43.29 0.67 -0.29 | 37.53 0.73 -0.91 | 28.43 0.49 -3.09 | 30.77 0.37 -1.23 | 26.82 0.29 -1.73 | 26.44 0.19 -1.92 | 24.98 0.18 -3.87 | 21.72 0.19 -4.40 | 33.46 0.49 -2.74 | 30.09 0.45 -4.12 | 27.73 0.45 -4.04 | 32.89 0.59 -2.66 | 29.34 0.42 -1.06 | 30.85 0.30 -0.71 | 29.18 0.25 -1.56 |
| NEG CENTRAL___STATE_STREET 24147 | 33.22 0.62 -2.74 | 28.80 0.53 -3.07 | 22.91 0.39 -2.01 | 21.56 0.44 -2.03 | 20.74 0.44 -1.92 | 26.69 0.62 -1.72 | 35.80 0.82 -2.40 | 32.91 0.68 -2.70 | 33.74 0.53 -2.25 | 43.41 0.83 -0.26 | 37.44 0.75 -0.80 | 28.11 0.55 -2.70 | 30.67 0.43 -1.07 | 26.65 0.33 -1.52 | 26.30 0.28 -1.69 | 24.63 0.28 -3.42 | 21.16 0.34 -3.69 | 33.32 0.70 -2.39 | 29.00 0.46 -3.02 | 27.14 0.44 -3.47 | 32.51 0.55 -2.32 | 29.20 0.42 -0.93 | 30.79 0.34 -0.61 | 29.18 0.43 -1.38 |
| NEG MILLWOOD___DRP 24198 | 55.33 2.82 -22.65 | 52.89 2.33 -25.36 | 39.01 1.89 -16.60 | 37.64 1.76 -16.78 | 35.94 1.67 -15.90 | 40.83 2.26 -14.22 | 55.57 3.13 -19.86 | 54.76 2.91 -22.31 | 51.53 3.08 -17.50 | 48.74 4.28 -2.14 | 46.23 3.67 -6.67 | 49.91 2.52 -22.54 | 40.99 2.87 -8.95 | 39.54 2.43 -12.32 | 40.34 2.40 -13.61 | 50.40 2.00 -27.47 | 49.56 1.67 -30.76 | 53.88 2.99 -20.66 | 53.95 2.53 -25.90 | 54.55 2.32 -28.99 | 52.81 2.99 -20.18 | 38.74 2.82 -8.06 | 38.21 3.02 -5.35 | 40.89 2.45 -11.07 |
| NEG NORTH_FLCN_SEA 23793 | 29.82 -0.05 0.00 | 25.13 -0.07 0.00 | 20.38 -0.13 0.00 | 18.97 -0.13 0.00 | 18.27 -0.10 0.00 | 24.35 0.00 0.00 | 32.82 0.24 0.00 | 30.24 0.70 0.00 | 31.84 0.88 0.00 | 43.57 1.25 0.00 | 36.93 1.04 0.00 | 25.63 0.77 0.00 | 30.06 0.89 0.00 | 25.38 0.58 0.00 | 24.88 0.56 0.00 | 21.40 0.47 0.00 | 17.48 0.35 0.00 | 31.07 0.83 0.00 | 26.27 0.76 0.00 | 23.80 0.56 0.00 | 30.31 0.67 0.00 | 28.29 0.44 0.00 | 30.12 0.27 0.00 | 27.65 0.28 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 29.78 -0.08 0.00 | 25.10 -0.11 0.00 | 20.36 -0.15 0.00 | 18.94 -0.16 0.00 | 18.24 -0.14 0.00 | 24.28 -0.07 0.00 | 32.67 0.09 0.00 | 29.75 0.22 0.00 | 31.28 0.32 0.00 | 42.73 0.41 0.00 | 36.17 0.28 0.00 | 25.06 0.21 0.00 | 29.43 0.26 0.00 | 24.92 0.12 0.00 | 24.47 0.14 0.00 | 21.07 0.14 0.00 | 17.21 0.08 0.00 | 30.47 0.23 0.00 | 25.77 0.26 0.00 | 23.35 0.11 0.00 | 29.70 0.06 0.00 | 27.81 -0.04 0.00 | 29.66 -0.18 0.00 | 27.26 -0.11 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 30.09 0.22 0.00 | 25.35 0.15 0.00 | 20.56 0.05 0.00 | 19.14 0.04 0.00 | 18.43 0.06 0.00 | 24.56 0.21 0.00 | 33.12 0.54 0.00 | 30.46 0.92 0.00 | 32.06 1.10 0.00 | 43.88 1.56 0.00 | 37.21 1.33 0.00 | 25.80 0.95 0.00 | 30.27 1.10 0.00 | 25.56 0.77 0.00 | 25.08 0.75 0.00 | 21.57 0.64 0.00 | 17.62 0.49 0.00 | 31.30 1.07 0.00 | 26.47 0.95 0.00 | 23.97 0.73 0.00 | 30.51 0.87 0.00 | 28.49 0.63 0.00 | 30.30 0.46 0.00 | 27.80 0.43 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 30.09 0.22 0.00 | 25.35 0.15 0.00 | 20.56 0.05 0.00 | 19.14 0.04 0.00 | 18.43 0.06 0.00 | 24.56 0.21 0.00 | 33.12 0.54 0.00 | 30.46 0.92 0.00 | 32.06 1.10 0.00 | 43.88 1.56 0.00 | 37.21 1.33 0.00 | 25.80 0.95 0.00 | 30.27 1.10 0.00 | 25.56 0.77 0.00 | 25.08 0.75 0.00 | 21.57 0.64 0.00 | 17.62 0.49 0.00 | 31.30 1.07 0.00 | 26.47 0.95 0.00 | 23.97 0.73 0.00 | 30.51 0.87 0.00 | 28.49 0.63 0.00 | 30.30 0.46 0.00 | 27.80 0.43 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 30.09 0.22 0.00 | 25.35 0.15 0.00 | 20.56 0.05 0.00 | 19.14 0.04 0.00 | 18.43 0.06 0.00 | 24.56 0.21 0.00 | 33.12 0.54 0.00 | 30.46 0.92 0.00 | 32.06 1.10 0.00 | 43.88 1.56 0.00 | 37.21 1.33 0.00 | 25.80 0.95 0.00 | 30.27 1.10 0.00 | 25.56 0.77 0.00 | 25.08 0.75 0.00 | 21.57 0.64 0.00 | 17.62 0.49 0.00 | 31.30 1.07 0.00 | 26.47 0.95 0.00 | 23.97 0.73 0.00 | 30.51 0.87 0.00 | 28.49 0.63 0.00 | 30.30 0.46 0.00 | 27.80 0.43 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 32.50 -0.66 -3.29 | 28.05 -0.84 -3.69 | 22.19 -0.74 -2.41 | 21.07 -0.47 -2.44 | 20.19 -0.49 -2.31 | 25.96 -0.46 -2.07 | 34.42 -1.05 -2.89 | 31.49 -1.29 -3.25 | 31.05 -1.86 -1.96 | 40.42 -2.19 -0.30 | 35.35 -1.48 -0.94 | 26.71 -1.33 -3.18 | 28.78 -1.65 -1.26 | 25.15 -1.42 -1.78 | 24.77 -1.53 -1.98 | 23.48 -1.45 -3.99 | 19.76 -1.37 -4.00 | 30.97 -2.09 -2.83 | 26.24 -1.73 -2.45 | 25.64 -1.52 -3.93 | 30.66 -1.73 -2.75 | 27.33 -1.61 -1.10 | 28.74 -1.84 -0.73 | 27.28 -1.70 -1.61 |
| NEG WEST___LANCASTER 23811 | 33.72 0.06 -3.80 | 29.29 -0.17 -4.26 | 23.10 -0.20 -2.79 | 21.96 0.05 -2.82 | 21.04 -0.01 -2.67 | 26.86 0.12 -2.39 | 35.82 -0.12 -3.36 | 32.97 -0.34 -3.78 | 32.60 -0.77 -2.41 | 42.01 -0.66 -0.35 | 36.72 -0.26 -1.09 | 28.13 -0.40 -3.68 | 30.07 -0.56 -1.46 | 26.37 -0.48 -2.06 | 26.04 -0.57 -2.28 | 24.90 -0.61 -4.58 | 21.16 -0.66 -4.69 | 32.68 -0.88 -3.32 | 27.90 -0.67 -3.05 | 27.20 -0.62 -4.58 | 32.33 -0.54 -3.23 | 28.57 -0.57 -1.29 | 29.96 -0.74 -0.86 | 28.39 -0.82 -1.85 |
| NEG_PENN_ALLEGHNY 23528 | 37.27 0.63 -6.77 | 33.26 0.48 -7.58 | 25.86 0.39 -4.96 | 24.58 0.46 -5.02 | 23.54 0.41 -4.75 | 29.19 0.59 -4.25 | 39.34 0.80 -5.96 | 36.95 0.70 -6.71 | 37.10 0.67 -5.47 | 43.95 0.99 -0.64 | 38.75 0.88 -1.98 | 32.15 0.59 -6.70 | 32.47 0.64 -2.66 | 29.08 0.53 -3.76 | 29.01 0.50 -4.19 | 29.81 0.45 -8.42 | 27.10 0.33 -9.64 | 37.53 0.67 -6.62 | 34.37 0.59 -8.26 | 32.92 0.57 -9.11 | 36.90 0.76 -6.50 | 31.06 0.62 -2.60 | 32.17 0.60 -1.72 | 31.24 0.48 -3.40 |
| NEG___GEN_MONROE 24207 | 32.68 0.15 -2.67 | 28.09 -0.10 -2.99 | 22.36 -0.11 -1.96 | 21.11 0.04 -1.98 | 20.26 0.02 -1.88 | 26.20 0.17 -1.68 | 34.96 0.09 -2.28 | 31.97 -0.13 -2.57 | 32.31 -0.44 -1.79 | 42.10 -0.46 -0.24 | 36.47 -0.16 -0.75 | 27.08 -0.31 -2.54 | 29.69 -0.49 -1.01 | 25.78 -0.43 -1.42 | 25.38 -0.53 -1.58 | 23.68 -0.51 -3.26 | 20.08 -0.49 -3.44 | 31.86 -0.60 -2.22 | 27.66 -0.52 -2.65 | 26.05 -0.43 -3.25 | 31.33 -0.46 -2.15 | 28.22 -0.49 -0.86 | 29.73 -0.68 -0.57 | 28.09 -0.59 -1.32 |

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| NEPA___ENERGY 23901 | 33.93 0.23 -3.84 | 29.49 -0.01 -4.30 | 23.31 -0.01 -2.82 | 22.22 0.28 -2.84 | 21.25 0.18 -2.70 | 27.10 0.34 -2.41 | 36.32 0.34 -3.39 | 33.48 0.14 -3.80 | 33.04 -0.27 -2.35 | 42.65 -0.01 -0.35 | 37.28 0.30 -1.09 | 28.62 0.07 -3.70 | 30.67 0.03 -1.47 | 26.91 0.05 -2.07 | 26.59 -0.03 -2.30 | 25.42 -0.12 -4.60 | 21.44 -0.37 -4.68 | 33.17 -0.41 -3.34 | 28.17 -0.29 -2.95 | 27.60 -0.23 -4.59 | 32.78 -0.10 -3.25 | 28.87 -0.28 -1.30 | 30.22 -0.48 -0.86 | 28.73 -0.49 -1.86 |
| NEVERSink___HYD 23608 | 51.71 2.32 -19.52 | 48.97 1.90 -21.86 | 36.37 1.55 -14.31 | 34.99 1.42 -14.46 | 33.42 1.34 -13.70 | 38.47 1.86 -12.26 | 52.31 2.62 -17.12 | 51.20 2.47 -19.19 | 48.39 2.64 -14.79 | 47.56 3.39 -1.85 | 44.40 2.76 -5.75 | 46.15 1.87 -19.43 | 38.96 2.08 -7.71 | 37.00 1.80 -10.41 | 37.58 1.82 -11.43 | 45.59 1.60 -23.07 | 45.21 1.47 -26.61 | 51.25 2.61 -18.41 | 50.65 2.21 -22.91 | 50.43 2.03 -25.16 | 50.37 2.64 -18.09 | 37.54 2.47 -7.23 | 37.27 2.63 -4.80 | 38.75 2.09 -9.30 |
| NEWTON___FALLS_HYD 23847 | 29.53 -0.92 -0.59 | 25.08 -0.79 -0.66 | 20.28 -0.67 -0.43 | 18.89 -0.64 -0.44 | 18.22 -0.57 -0.42 | 24.04 -0.68 -0.37 | 32.34 -0.76 -0.52 | 29.59 -0.53 -0.58 | 30.87 -0.55 -0.46 | 41.54 -0.83 -0.05 | 35.17 -0.89 -0.17 | 24.82 -0.62 -0.58 | 28.71 -0.70 -0.23 | 24.49 -0.63 -0.33 | 24.10 -0.59 -0.36 | 21.18 -0.49 -0.73 | 17.29 -0.30 -0.45 | 29.87 -0.42 -0.05 | 25.29 -0.38 -0.14 | 23.22 -0.41 -0.39 | 29.01 -0.63 0.00 | 27.17 -0.68 0.00 | 29.17 -0.68 0.00 | 26.91 -0.76 -0.30 |
| NGRID_A1_DSASP 323792 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| NGRID_A2_DSASP 323793 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| NGRID_A4_DSASP 323807 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| NIAGARA_115E_LBMP 323715 | 31.88 -1.33 -3.35 | 27.54 -1.42 -3.75 | 21.78 -1.19 -2.45 | 20.66 -0.91 -2.48 | 19.81 -0.91 -2.35 | 25.44 -1.02 -2.10 | 33.70 -1.82 -2.94 | 30.82 -2.02 -3.30 | 30.33 -2.63 -2.01 | 39.35 -3.27 -0.31 | 34.47 -2.37 -0.96 | 26.14 -1.95 -3.23 | 28.09 -2.37 -1.28 | 24.57 -2.03 -1.81 | 24.21 -2.13 -2.01 | 23.02 -1.96 -4.05 | 19.41 -1.79 -4.07 | 30.25 -2.86 -2.88 | 25.67 -2.37 -2.52 | 25.12 -2.11 -3.99 | 29.97 -2.46 -2.79 | 26.68 -2.28 -1.12 | 28.10 -2.48 -0.74 | 26.68 -2.32 -1.63 |
| NIAGARA_115W_LBMP 323714 | 32.16 -1.03 -3.33 | 27.77 -1.16 -3.73 | 21.96 -0.99 -2.44 | 20.85 -0.71 -2.46 | 19.97 -0.73 -2.33 | 25.62 -0.82 -2.09 | 33.70 -1.81 -2.92 | 30.81 -2.00 -3.28 | 30.47 -2.49 -2.00 | 39.56 -3.07 -0.30 | 34.63 -2.20 -0.95 | 26.11 -1.96 -3.21 | 28.10 -2.35 -1.27 | 24.56 -2.03 -1.79 | 24.19 -2.13 -2.00 | 22.99 -1.97 -4.02 | 19.37 -1.81 -4.05 | 30.18 -2.91 -2.85 | 25.61 -2.42 -2.51 | 25.05 -2.15 -3.96 | 29.91 -2.50 -2.77 | 26.69 -2.27 -1.11 | 28.07 -2.51 -0.74 | 26.77 -2.22 -1.62 |
| NIAGARA_230_LBMP 323716 | 32.30 -0.84 -3.28 | 27.89 -0.98 -3.67 | 22.06 -0.85 -2.40 | 20.94 -0.59 -2.43 | 20.06 -0.61 -2.30 | 25.75 -0.65 -2.06 | 34.13 -1.33 -2.88 | 31.21 -1.55 -3.23 | 30.81 -2.13 -1.99 | 40.03 -2.59 -0.30 | 35.03 -1.79 -0.94 | 26.48 -1.53 -3.16 | 28.53 -1.90 -1.26 | 24.96 -1.60 -1.77 | 24.58 -1.71 -1.97 | 23.29 -1.60 -3.97 | 19.60 -1.53 -3.99 | 30.63 -2.42 -2.81 | 26.00 -2.02 -2.50 | 25.38 -1.76 -3.91 | 30.34 -2.02 -2.72 | 27.06 -1.88 -1.09 | 28.46 -2.11 -0.72 | 27.09 -1.88 -1.60 |
| NIAGARA____ 23760 | 31.96 -1.24 -3.34 | 27.61 -1.34 -3.74 | 21.83 -1.13 -2.45 | 20.72 -0.86 -2.48 | 19.86 -0.86 -2.34 | 25.50 -0.95 -2.10 | 33.74 -1.77 -2.93 | 30.93 -1.88 -3.28 | 30.57 -2.39 -2.00 | 39.70 -2.92 -0.30 | 34.74 -2.09 -0.95 | 26.25 -1.80 -3.20 | 28.27 -2.18 -1.27 | 24.70 -1.88 -1.79 | 24.33 -1.99 -1.99 | 23.10 -1.84 -4.01 | 19.47 -1.70 -4.04 | 30.38 -2.70 -2.84 | 25.79 -2.25 -2.51 | 25.19 -2.00 -3.95 | 30.09 -2.31 -2.76 | 26.82 -2.14 -1.10 | 28.22 -2.36 -0.73 | 26.76 -2.23 -1.63 |
| NINE_MILE_1 23575 | 30.43 -0.81 -1.38 | 26.07 -0.67 -1.54 | 21.00 -0.52 -1.01 | 19.66 -0.46 -1.02 | 18.90 -0.44 -0.97 | 24.59 -0.62 -0.87 | 32.89 -0.90 -1.21 | 30.01 -0.89 -1.36 | 31.05 -0.98 -1.07 | 41.10 -1.35 -0.12 | 35.20 -1.09 -0.40 | 25.50 -0.71 -1.35 | 28.81 -0.90 -0.54 | 24.81 -0.74 -0.76 | 24.42 -0.75 -0.84 | 22.01 -0.62 -1.70 | 17.67 -0.50 -1.05 | 29.44 -0.91 -0.11 | 25.05 -0.80 -0.33 | 23.42 -0.72 -0.90 | 28.71 -0.93 0.00 | 26.95 -0.90 0.00 | 28.87 -0.98 0.00 | 27.27 -0.79 -0.69 |
| NINE_MILE_2 23744 | 30.43 -0.81 -1.38 | 26.07 -0.67 -1.54 | 21.00 -0.52 -1.01 | 19.66 -0.46 -1.02 | 18.90 -0.44 -0.97 | 24.59 -0.62 -0.87 | 32.89 -0.90 -1.20 | 30.00 -0.89 -1.35 | 31.05 -0.97 -1.07 | 41.10 -1.35 -0.12 | 35.20 -1.09 -0.40 | 25.49 -0.71 -1.35 | 28.82 -0.89 -0.54 | 24.81 -0.74 -0.75 | 24.41 -0.75 -0.84 | 22.01 -0.62 -1.70 | 17.67 -0.50 -1.05 | 29.44 -0.91 -0.11 | 25.05 -0.80 -0.33 | 23.42 -0.71 -0.90 | 28.71 -0.93 0.00 | 26.95 -0.90 0.00 | 28.87 -0.98 0.00 | 27.27 -0.78 -0.68 |
| NM_CAPITAL___DRP 24208 | 62.31 1.54 -30.90 | 61.11 1.30 -34.60 | 44.25 1.09 -22.65 | 43.05 1.06 -22.89 | 41.11 1.05 -21.69 | 45.06 1.30 -19.41 | 61.28 1.61 -27.09 | 61.45 1.47 -30.45 | 56.43 1.55 -23.92 | 47.51 2.18 -3.01 | 46.91 1.93 -9.10 | 56.87 1.27 -30.74 | 42.99 1.61 -12.20 | 43.01 1.38 -16.84 | 44.26 1.31 -18.62 | 59.59 1.08 -37.58 | 74.77 0.87 -56.77 | 79.90 1.51 -48.16 | 83.96 1.27 -57.17 | 79.35 1.18 -54.93 | 80.16 1.54 -48.99 | 48.92 1.50 -19.57 | 44.49 1.65 -12.99 | 43.91 1.40 -15.14 |
| NM_CENTRAL___DRP 24181 | 31.71 -0.09 -1.94 | 27.29 -0.09 -2.17 | 21.88 -0.05 -1.42 | 20.53 -0.01 -1.44 | 19.73 -0.01 -1.36 | 25.55 -0.02 -1.22 | 34.22 -0.06 -1.70 | 31.33 -0.11 -1.91 | 32.30 -0.17 -1.52 | 42.27 -0.22 -0.17 | 36.32 -0.13 -0.57 | 26.69 -0.07 -1.91 | 29.77 -0.16 -0.76 | 25.74 -0.13 -1.07 | 25.36 -0.15 -1.19 | 23.23 -0.11 -2.40 | 18.53 -0.08 -1.48 | 30.27 -0.12 -0.16 | 25.86 -0.12 -0.47 | 24.41 -0.10 -1.27 | 29.50 -0.13 0.00 | 27.67 -0.19 0.00 | 29.59 -0.25 0.00 | 28.18 -0.16 -0.97 |
| NM_FRONTIER___DRP 24179 | 32.16 -1.03 -3.33 | 27.77 -1.16 -3.73 | 21.96 -0.99 -2.44 | 20.85 -0.71 -2.46 | 19.97 -0.73 -2.33 | 25.62 -0.82 -2.09 | 33.70 -1.81 -2.92 | 30.81 -2.00 -3.28 | 30.47 -2.49 -2.00 | 39.56 -3.07 -0.30 | 34.63 -2.20 -0.95 | 26.11 -1.96 -3.21 | 28.10 -2.35 -1.27 | 24.56 -2.03 -1.79 | 24.19 -2.13 -2.00 | 22.99 -1.97 -4.02 | 19.37 -1.81 -4.05 | 30.18 -2.91 -2.85 | 25.61 -2.42 -2.51 | 25.05 -2.15 -3.96 | 29.91 -2.50 -2.77 | 26.69 -2.27 -1.11 | 28.07 -2.51 -0.74 | 26.77 -2.22 -1.62 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NM_ST_REGIS___HYD 24053 | 28.54 -1.32 0.00 | 24.06 -1.14 0.00 | 19.54 -0.98 0.00 | 18.15 -0.95 0.00 | 17.50 -0.88 0.00 | 23.27 -1.09 0.00 | 31.33 -1.26 0.00 | 28.59 -0.95 0.00 | 30.10 -0.85 0.00 | 41.17 -1.15 0.00 | 34.69 -1.20 0.00 | 24.00 -0.85 0.00 | 28.20 -0.97 0.00 | 23.92 -0.87 0.00 | 23.54 -0.78 0.00 | 20.25 -0.68 0.00 | 16.60 -0.53 0.00 | 29.37 -0.86 0.00 | 24.82 -0.70 0.00 | 22.50 -0.74 0.00 | 28.60 -1.04 0.00 | 26.80 -1.05 0.00 | 28.79 -1.05 0.00 | 26.29 -1.08 0.00 |
| NORTHPORT___1 23551 | 55.24 3.08 -22.30 | 57.42 2.68 -29.54 | 39.10 2.24 -16.34 | 37.72 2.10 -16.52 | 35.94 1.91 -15.65 | 40.79 2.43 -14.00 | 55.65 3.52 -19.55 | 54.76 3.27 -21.97 | 51.56 3.38 -17.23 | 77.56 4.68 -30.56 | 79.18 3.96 -39.33 | 82.70 2.85 -54.99 | 48.56 3.30 -16.08 | 39.57 2.65 -12.13 | 40.24 2.51 -13.40 | 50.53 2.15 -27.45 | 94.16 1.80 -75.23 | 146.85 3.32 -113.30 | 352.45 2.78 -324.15 | 117.36 2.45 -91.68 | 73.72 3.19 -40.90 | 39.59 2.94 -8.81 | 38.06 2.97 -5.25 | 58.03 2.86 -27.81 |
| NORTHPORT___2 23552 | 55.24 3.08 -22.30 | 57.42 2.68 -29.54 | 39.10 2.24 -16.34 | 37.72 2.10 -16.52 | 35.94 1.91 -15.65 | 40.79 2.43 -14.00 | 55.65 3.52 -19.55 | 54.76 3.27 -21.97 | 51.56 3.38 -17.23 | 77.56 4.68 -30.56 | 79.18 3.96 -39.33 | 82.70 2.85 -54.99 | 48.56 3.30 -16.08 | 39.57 2.65 -12.13 | 40.24 2.51 -13.40 | 50.53 2.15 -27.45 | 94.16 1.80 -75.23 | 146.85 3.32 -113.30 | 352.45 2.78 -324.15 | 117.36 2.45 -91.68 | 73.72 3.19 -40.90 | 39.59 2.94 -8.81 | 38.06 2.97 -5.25 | 58.02 2.85 -27.81 |
| NORTHPORT___3 23553 | 55.14 2.97 -22.30 | 57.32 2.58 -29.54 | 38.99 2.13 -16.34 | 37.62 2.00 -16.52 | 35.85 1.83 -15.65 | 40.70 2.35 -14.00 | 55.50 3.37 -19.55 | 54.63 3.14 -21.97 | 51.44 3.26 -17.23 | 77.42 4.53 -30.56 | 79.06 3.84 -39.33 | 82.58 2.74 -54.99 | 48.40 3.14 -16.08 | 39.46 2.54 -12.13 | 40.16 2.44 -13.40 | 50.47 2.09 -27.45 | 94.10 1.74 -75.23 | 146.74 3.21 -113.30 | 352.38 2.70 -324.15 | 117.32 2.40 -91.68 | 73.65 3.12 -40.90 | 39.52 2.86 -8.81 | 38.00 2.91 -5.25 | 57.90 2.72 -27.81 |
| NORTHPORT___4 23650 | 55.14 2.97 -22.30 | 57.32 2.58 -29.54 | 38.99 2.13 -16.34 | 37.62 2.00 -16.52 | 35.85 1.83 -15.65 | 40.70 2.35 -14.00 | 55.50 3.37 -19.55 | 54.63 3.14 -21.97 | 51.44 3.26 -17.23 | 77.42 4.53 -30.56 | 79.06 3.84 -39.33 | 82.58 2.74 -54.99 | 48.40 3.14 -16.08 | 39.46 2.54 -12.13 | 40.16 2.44 -13.40 | 50.47 2.09 -27.45 | 94.10 1.74 -75.23 | 146.74 3.21 -113.30 | 352.38 2.70 -324.15 | 117.32 2.40 -91.68 | 73.65 3.12 -40.90 | 39.52 2.86 -8.81 | 38.00 2.91 -5.25 | 57.90 2.72 -27.81 |
| NORTHPORT___IC 23718 | 55.24 3.08 -22.30 | 57.42 2.68 -29.54 | 39.10 2.24 -16.34 | 37.72 2.10 -16.52 | 35.94 1.91 -15.65 | 40.79 2.43 -14.00 | 55.65 3.52 -19.55 | 54.76 3.27 -21.97 | 51.56 3.38 -17.23 | 77.56 4.68 -30.56 | 79.18 3.96 -39.33 | 82.70 2.85 -54.99 | 48.56 3.30 -16.08 | 39.57 2.65 -12.13 | 40.24 2.51 -13.40 | 50.53 2.15 -27.45 | 94.16 1.80 -75.23 | 146.85 3.32 -113.30 | 352.45 2.78 -324.15 | 117.36 2.45 -91.68 | 73.72 3.19 -40.90 | 39.59 2.94 -8.81 | 38.06 2.97 -5.25 | 58.02 2.85 -27.81 |
| NPX_GEN_1385_PROXY 323591 | 55.03 2.86 -22.30 | 57.41 2.67 -29.54 | 39.08 2.22 -16.34 | 37.77 2.15 -16.52 | 35.96 1.94 -15.65 | 40.65 2.30 -14.00 | 56.60 3.67 -20.34 | 58.93 3.45 -25.95 | 51.57 3.39 -17.23 | 77.53 4.65 -30.56 | 79.18 3.96 -39.33 | 82.91 3.06 -54.99 | 49.11 3.86 -16.08 | 40.09 3.17 -12.13 | 40.55 2.78 -13.44 | 51.56 2.32 -28.31 | 92.30 1.93 -73.24 | 147.18 3.65 -113.30 | 352.38 2.70 -324.15 | 117.21 2.29 -91.68 | 73.61 3.07 -40.90 | 39.24 2.58 -8.81 | 37.62 2.53 -5.25 | 57.97 2.80 -27.81 |
| NPX_GEN_CSC 323557 | 55.29 3.12 -22.30 | 57.55 2.81 -29.54 | 39.15 2.29 -16.34 | 37.78 2.16 -16.52 | 35.92 1.90 -15.65 | 40.77 2.42 -14.00 | 56.26 3.34 -20.34 | 58.41 2.93 -25.95 | 51.25 3.06 -17.23 | 77.12 4.24 -30.56 | 78.74 3.52 -39.33 | 82.48 2.64 -54.99 | 48.39 3.13 -16.08 | 39.28 2.36 -12.13 | 39.94 2.17 -13.44 | 51.16 1.92 -28.31 | 91.99 1.62 -73.24 | 146.61 3.08 -113.30 | 352.38 2.71 -324.15 | 117.15 2.24 -91.68 | 73.45 2.92 -40.90 | 39.49 2.83 -8.81 | 37.80 2.71 -5.25 | 57.92 2.75 -27.81 |
| NSINS_S_GLNS_FALLS 23858 | 65.12 2.76 -32.49 | 63.89 2.30 -36.38 | 46.18 1.85 -23.82 | 44.91 1.74 -24.07 | 42.84 1.66 -22.80 | 47.15 2.39 -20.40 | 64.41 3.34 -28.48 | 64.61 3.06 -32.01 | 59.37 3.26 -25.16 | 50.05 4.48 -3.25 | 49.25 3.79 -9.57 | 59.79 2.60 -32.33 | 45.06 3.05 -12.83 | 45.08 2.58 -17.71 | 46.46 2.55 -19.58 | 62.68 2.22 -39.53 | 90.64 1.84 -71.67 | 100.42 3.33 -66.86 | 106.15 2.80 -77.83 | 95.98 2.53 -70.21 | 101.75 3.19 -68.92 | 58.26 2.86 -27.54 | 51.12 2.99 -18.28 | 45.90 2.61 -15.93 |
| NUCOR_STEEL___DRP 24197 | 32.85 0.36 -2.63 | 28.47 0.33 -2.94 | 22.66 0.22 -1.93 | 21.32 0.28 -1.95 | 20.50 0.29 -1.84 | 26.40 0.41 -1.65 | 35.44 0.56 -2.30 | 32.57 0.44 -2.59 | 33.27 0.26 -2.07 | 43.05 0.48 -0.24 | 37.10 0.45 -0.77 | 27.79 0.34 -2.59 | 30.37 0.17 -1.03 | 26.38 0.13 -1.45 | 26.02 0.08 -1.62 | 24.30 0.10 -3.27 | 20.85 0.20 -3.52 | 32.94 0.44 -2.27 | 28.62 0.22 -2.87 | 26.77 0.23 -3.31 | 32.12 0.28 -2.20 | 28.91 0.18 -0.88 | 30.53 0.10 -0.58 | 28.90 0.22 -1.32 |
| NYISO_LBMP_REFERENCE 24008 | 29.86 0.00 0.00 | 25.20 0.00 0.00 | 20.51 0.00 0.00 | 19.10 0.00 0.00 | 18.37 0.00 0.00 | 24.35 0.00 0.00 | 32.58 0.00 0.00 | 29.53 0.00 0.00 | 30.95 0.00 0.00 | 42.32 0.00 0.00 | 35.88 0.00 0.00 | 24.85 0.00 0.00 | 29.17 0.00 0.00 | 24.79 0.00 0.00 | 24.33 0.00 0.00 | 20.93 0.00 0.00 | 17.13 0.00 0.00 | 30.24 0.00 0.00 | 25.52 0.00 0.00 | 23.24 0.00 0.00 | 29.64 0.00 0.00 | 27.85 0.00 0.00 | 29.85 0.00 0.00 | 27.37 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 55.34 3.17 -22.30 | 57.53 2.79 -29.54 | 39.30 2.44 -16.34 | 37.90 2.29 -16.52 | 36.11 2.08 -15.65 | 41.03 2.68 -14.00 | 55.97 3.84 -19.55 | 55.07 3.57 -21.97 | 51.89 3.71 -17.23 | 78.01 5.13 -30.56 | 79.54 4.32 -39.33 | 82.93 3.08 -54.99 | 48.83 3.57 -16.08 | 39.69 2.77 -12.13 | 40.36 2.63 -13.40 | 50.58 2.20 -27.45 | 94.23 1.87 -75.23 | 147.01 3.48 -113.30 | 352.60 2.92 -324.15 | 117.48 2.56 -91.68 | 73.86 3.32 -40.90 | 39.72 3.07 -8.81 | 38.23 3.13 -5.25 | 58.30 3.13 -27.81 |
| NYPA_GOWANUS___GT5 24156 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NYPA_GOWANUS___GT6 24157 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.17 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.04 3.59 -6.57 | 49.50 2.47 -22.18 | 40.80 2.83 -8.80 | 39.32 2.41 -12.12 | 40.07 2.35 -13.39 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |
| NYPA_HARLEM__RVR__GT1 24160 | 54.77 2.61 -22.29 | 52.32 2.15 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.56 1.54 -15.65 | 40.42 2.07 -14.00 | 55.02 2.90 -19.54 | 54.25 2.75 -21.96 | 51.12 2.94 -17.23 | 48.51 4.09 -2.11 | 46.08 3.62 -6.57 | 49.51 2.47 -22.18 | 40.80 2.82 -8.81 | 39.34 2.43 -12.12 | 40.09 2.36 -13.40 | 49.89 1.92 -27.04 | 48.88 1.54 -30.21 | 53.21 2.73 -20.24 | 53.23 2.32 -25.39 | 53.86 2.16 -28.47 | 52.19 2.79 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.56 2.30 -10.90 |

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| NYPA_HARLEM__RVR__GT2 24161 | 54.77 2.61 -22.29 | 52.32 2.15 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.56 1.54 -15.65 | 40.42 2.07 -14.00 | 55.02 2.90 -19.54 | 54.25 2.75 -21.96 | 51.12 2.94 -17.23 | 48.51 4.09 -2.11 | 46.08 3.62 -6.57 | 49.51 2.47 -22.18 | 40.80 2.82 -8.81 | 39.34 2.43 -12.12 | 40.09 2.36 -13.40 | 49.89 1.92 -27.04 | 48.88 1.54 -30.21 | 53.21 2.73 -20.24 | 53.23 2.32 -25.39 | 53.86 2.16 -28.47 | 52.19 2.79 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.56 2.30 -10.90 |
| NYPA_KENT____GT 24152 | 54.72 2.56 -22.29 | 52.31 2.14 -24.96 | 38.63 1.77 -16.34 | 37.24 1.62 -16.52 | 35.56 1.54 -15.65 | 40.40 2.06 -14.00 | 54.99 2.87 -19.54 | 54.21 2.71 -21.96 | 51.12 2.94 -17.23 | 48.56 4.14 -2.11 | 46.07 3.62 -6.57 | 49.52 2.48 -22.18 | 40.82 2.84 -8.81 | 39.35 2.43 -12.12 | 40.09 2.37 -13.40 | 49.89 1.92 -27.04 | 48.91 1.57 -30.21 | 53.26 2.79 -20.24 | 53.28 2.37 -25.39 | 53.88 2.18 -28.47 | 52.24 2.83 -19.77 | 38.50 2.75 -7.90 | 38.02 2.93 -5.24 | 40.62 2.35 -10.90 |
| NYPA_POUCH1____GT 24155 | 54.68 2.53 -22.29 | 52.31 2.15 -24.96 | 38.61 1.76 -16.34 | 37.20 1.59 -16.52 | 35.52 1.50 -15.65 | 40.32 1.97 -14.00 | 54.88 2.76 -19.54 | 54.10 2.60 -21.96 | 51.03 2.85 -17.23 | 48.42 4.00 -2.11 | 45.93 3.49 -6.57 | 49.42 2.39 -22.18 | 40.71 2.74 -8.80 | 39.25 2.34 -12.11 | 40.00 2.28 -13.39 | 49.82 1.85 -27.04 | 48.87 1.52 -30.21 | 53.21 2.73 -20.24 | 53.28 2.37 -25.39 | 53.88 2.18 -28.47 | 52.26 2.85 -19.77 | 38.51 2.76 -7.90 | 37.99 2.91 -5.24 | 40.60 2.33 -10.90 |
| NYPA_VERNON____GT2 24162 | 54.73 2.57 -22.29 | 52.30 2.13 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.57 1.55 -15.65 | 40.43 2.08 -14.00 | 55.02 2.90 -19.54 | 54.23 2.74 -21.96 | 51.13 2.95 -17.23 | 48.60 4.17 -2.11 | 46.10 3.64 -6.57 | 49.54 2.50 -22.18 | 40.84 2.86 -8.81 | 39.36 2.45 -12.12 | 40.11 2.39 -13.40 | 49.90 1.93 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.26 2.35 -25.39 | 53.86 2.16 -28.47 | 52.21 2.81 -19.77 | 38.48 2.73 -7.90 | 38.03 2.94 -5.24 | 40.63 2.36 -10.90 |
| NYPA_VERNON____GT3 24163 | 54.73 2.57 -22.29 | 52.30 2.13 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.57 1.55 -15.65 | 40.43 2.08 -14.00 | 55.02 2.90 -19.54 | 54.23 2.74 -21.96 | 51.13 2.95 -17.23 | 48.60 4.17 -2.11 | 46.10 3.64 -6.57 | 49.54 2.50 -22.18 | 40.84 2.86 -8.81 | 39.36 2.45 -12.12 | 40.11 2.39 -13.40 | 49.90 1.93 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.26 2.35 -25.39 | 53.86 2.16 -28.47 | 52.21 2.81 -19.77 | 38.48 2.73 -7.90 | 38.03 2.94 -5.24 | 40.63 2.36 -10.90 |
| NYPA__ASTORIA_CC1 323568 | 54.67 2.52 -22.29 | 52.25 2.08 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.07 2.90 -17.23 | 48.54 4.11 -2.11 | 46.05 3.60 -6.57 | 49.50 2.46 -22.18 | 40.80 2.82 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.86 1.89 -27.04 | 48.88 1.54 -30.21 | 53.20 2.73 -20.24 | 53.22 2.30 -25.39 | 53.82 2.12 -28.47 | 52.16 2.75 -19.77 | 38.45 2.70 -7.90 | 38.00 2.91 -5.24 | 40.60 2.33 -10.90 |
| NYPA__ASTORIA_CC2 323569 | 54.67 2.52 -22.29 | 52.25 2.08 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.07 2.90 -17.23 | 48.54 4.11 -2.11 | 46.05 3.60 -6.57 | 49.50 2.46 -22.18 | 40.80 2.82 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.86 1.89 -27.04 | 48.88 1.54 -30.21 | 53.20 2.73 -20.24 | 53.22 2.30 -25.39 | 53.82 2.12 -28.47 | 52.16 2.75 -19.77 | 38.45 2.70 -7.90 | 38.00 2.91 -5.24 | 40.60 2.33 -10.90 |
| NYPA__HOLTSVILL 23794 | 55.36 3.20 -22.30 | 57.54 2.80 -29.54 | 39.17 2.32 -16.34 | 37.79 2.17 -16.52 | 35.98 1.95 -15.65 | 40.83 2.48 -14.00 | 55.65 3.52 -19.55 | 54.73 3.23 -21.97 | 51.55 3.36 -17.23 | 77.55 4.67 -30.56 | 79.12 3.91 -39.33 | 82.67 2.82 -54.99 | 48.55 3.29 -16.08 | 39.50 2.58 -12.13 | 40.15 2.42 -13.40 | 50.49 2.11 -27.45 | 94.15 1.79 -75.23 | 146.85 3.33 -113.30 | 352.50 2.82 -324.15 | 117.36 2.45 -91.68 | 73.72 3.18 -40.90 | 39.64 2.98 -8.81 | 38.11 3.02 -5.25 | 58.09 2.92 -27.81 |
| NYPA____HELLGATE_GT1 24158 | 54.77 2.61 -22.30 | 52.32 2.15 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.56 1.54 -15.65 | 40.42 2.07 -14.00 | 55.02 2.90 -19.54 | 54.25 2.75 -21.96 | 51.12 2.94 -17.23 | 48.51 4.09 -2.11 | 46.08 3.62 -6.57 | 49.51 2.47 -22.18 | 40.80 2.82 -8.81 | 39.34 2.43 -12.12 | 40.09 2.36 -13.40 | 49.89 1.92 -27.04 | 48.90 1.55 -30.21 | 53.21 2.74 -20.24 | 53.23 2.32 -25.39 | 53.86 2.16 -28.47 | 52.19 2.79 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.56 2.30 -10.90 |
| NYPA____HELLGATE_GT2 24159 | 54.77 2.61 -22.30 | 52.32 2.15 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.56 1.54 -15.65 | 40.42 2.07 -14.00 | 55.02 2.90 -19.54 | 54.25 2.75 -21.96 | 51.12 2.94 -17.23 | 48.51 4.09 -2.11 | 46.08 3.62 -6.57 | 49.51 2.47 -22.18 | 40.80 2.82 -8.81 | 39.34 2.43 -12.12 | 40.09 2.36 -13.40 | 49.89 1.92 -27.04 | 48.90 1.55 -30.21 | 53.21 2.74 -20.24 | 53.23 2.32 -25.39 | 53.86 2.16 -28.47 | 52.19 2.79 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.56 2.30 -10.90 |
| NYS_BARGE__HYD 23848 | 32.45 -0.69 -3.27 | 28.00 -0.87 -3.67 | 22.16 -0.76 -2.40 | 21.02 -0.50 -2.43 | 20.16 -0.51 -2.30 | 25.93 -0.48 -2.06 | 34.38 -1.07 -2.87 | 31.44 -1.32 -3.22 | 31.04 -1.88 -1.97 | 40.38 -2.23 -0.30 | 35.31 -1.51 -0.93 | 26.65 -1.36 -3.16 | 28.74 -1.69 -1.25 | 25.10 -1.46 -1.77 | 24.72 -1.57 -1.97 | 23.41 -1.49 -3.97 | 19.73 -1.39 -3.99 | 30.93 -2.12 -2.81 | 26.27 -1.74 -2.49 | 25.61 -1.54 -3.91 | 30.62 -1.75 -2.73 | 27.31 -1.64 -1.09 | 28.72 -1.85 -0.72 | 27.24 -1.73 -1.60 |
| OAK_ORCHARD__HYD 24046 | 32.46 -0.05 -2.65 | 27.95 -0.21 -2.96 | 22.25 -0.20 -1.94 | 21.00 -0.06 -1.96 | 20.16 -0.07 -1.86 | 26.03 0.02 -1.66 | 34.75 -0.09 -2.26 | 31.82 -0.25 -2.54 | 32.20 -0.54 -1.78 | 41.94 -0.61 -0.24 | 36.34 -0.29 -0.74 | 27.00 -0.36 -2.51 | 29.64 -0.53 -1.00 | 25.74 -0.46 -1.40 | 25.34 -0.55 -1.56 | 23.62 -0.54 -3.23 | 20.06 -0.52 -3.45 | 31.71 -0.72 -2.20 | 27.69 -0.62 -2.79 | 25.96 -0.51 -3.23 | 31.19 -0.57 -2.12 | 28.11 -0.59 -0.85 | 29.64 -0.77 -0.56 | 28.02 -0.66 -1.31 |
| OCC_CHEM__DRP 24175 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| OH_GEN_PROXY 24063 | 32.34 -0.80 -3.28 | 27.93 -0.94 -3.67 | 22.09 -0.82 -2.40 | 20.96 -0.56 -2.43 | 20.09 -0.59 -2.30 | 25.78 -0.63 -2.06 | 35.00 -1.25 -3.67 | 39.42 -1.46 -11.35 | 30.96 -2.02 -2.03 | 53.03 -2.43 -13.14 | 47.39 -1.67 -13.17 | 26.58 -1.43 -3.15 | 28.65 -1.77 -1.25 | 25.06 -1.50 -1.76 | 24.72 -1.61 -2.00 | 24.23 -1.52 -4.81 | 17.69 -1.46 -2.02 | 30.73 -2.30 -2.80 | 26.19 -1.93 -2.60 | 25.47 -1.67 -3.91 | 30.44 -1.92 -2.72 | 27.16 -1.78 -1.09 | 28.56 -2.01 -0.72 | 27.15 -1.81 -1.59 |
| OLIN_CORP_DRP 24177 | 31.99 -1.24 -3.37 | 27.64 -1.34 -3.77 | 21.85 -1.13 -2.47 | 20.74 -0.86 -2.50 | 19.88 -0.86 -2.36 | 25.52 -0.94 -2.12 | 33.82 -1.73 -2.96 | 30.93 -1.93 -3.33 | 30.43 -2.54 -2.02 | 39.48 -3.14 -0.31 | 34.58 -2.26 -0.96 | 26.24 -1.87 -3.25 | 28.18 -2.29 -1.29 | 24.66 -1.96 -1.82 | 24.29 -2.06 -2.02 | 23.11 -1.90 -4.08 | 19.48 -1.74 -4.10 | 30.36 -2.77 -2.90 | 25.75 -2.29 -2.53 | 25.21 -2.04 -4.02 | 30.08 -2.37 -2.81 | 26.77 -2.21 -1.13 | 28.18 -2.41 -0.75 | 26.77 -2.24 -1.64 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OLIN_CORP_DSASP 323712 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| ONEIDA_HERK_LFGE 323681 | 31.12 0.53 -0.72 | 26.45 0.44 -0.81 | 21.40 0.36 -0.53 | 19.98 0.35 -0.54 | 19.24 0.35 -0.51 | 25.33 0.53 -0.45 | 34.03 0.81 -0.64 | 31.06 0.82 -0.72 | 32.33 0.80 -0.57 | 43.41 1.03 -0.07 | 36.86 0.77 -0.21 | 26.06 0.49 -0.72 | 30.01 0.55 -0.28 | 25.64 0.44 -0.40 | 25.20 0.42 -0.45 | 22.24 0.41 -0.90 | 18.11 0.43 -0.55 | 31.17 0.87 -0.06 | 26.41 0.72 -0.18 | 24.34 0.63 -0.48 | 30.39 0.75 0.00 | 28.51 0.65 0.00 | 30.46 0.62 0.00 | 28.23 0.50 -0.36 |
| ONONDAGA_REF_OCCRA 23987 | 32.39 0.15 -2.38 | 27.98 0.11 -2.66 | 22.36 0.10 -1.74 | 21.00 0.14 -1.76 | 20.18 0.14 -1.67 | 26.02 0.18 -1.49 | 34.89 0.22 -2.08 | 32.04 0.16 -2.35 | 32.94 0.12 -1.87 | 42.72 0.17 -0.22 | 36.78 0.20 -0.69 | 27.35 0.14 -2.35 | 30.18 0.08 -0.93 | 26.18 0.07 -1.31 | 25.83 0.04 -1.46 | 23.95 0.07 -2.95 | 20.33 0.07 -3.12 | 32.38 0.17 -1.97 | 28.16 0.13 -2.51 | 26.30 0.14 -2.93 | 31.70 0.16 -1.90 | 28.69 0.08 -0.76 | 30.37 0.02 -0.51 | 28.62 0.06 -1.19 |
| ONONDAGA___COGEN 23986 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| ONTARIO___LFGE 23819 | 33.53 0.56 -3.11 | 29.03 0.34 -3.48 | 23.04 0.24 -2.28 | 21.77 0.36 -2.30 | 20.90 0.34 -2.18 | 26.86 0.55 -1.95 | 36.03 0.71 -2.74 | 33.17 0.55 -3.09 | 34.32 0.48 -2.88 | 43.29 0.67 -0.29 | 37.53 0.73 -0.91 | 28.43 0.49 -3.09 | 30.77 0.37 -1.23 | 26.82 0.29 -1.73 | 26.44 0.19 -1.92 | 24.98 0.18 -3.87 | 21.72 0.19 -4.40 | 33.46 0.49 -2.74 | 30.09 0.45 -4.12 | 27.73 0.45 -4.04 | 32.89 0.59 -2.66 | 29.34 0.42 -1.06 | 30.85 0.30 -0.71 | 29.18 0.25 -1.56 |
| ORANGEVILLE_WT_PWR 323706 | 33.80 -0.03 -3.97 | 29.41 -0.24 -4.45 | 23.11 -0.31 -2.91 | 22.01 -0.03 -2.94 | 21.14 -0.02 -2.79 | 26.95 0.11 -2.50 | 35.84 -0.32 -3.57 | 33.02 -0.53 -4.02 | 31.26 -0.86 -1.17 | 41.92 -0.78 -0.38 | 36.79 -0.27 -1.18 | 28.49 -0.36 -3.99 | 30.24 -0.52 -1.58 | 26.56 -0.46 -2.23 | 26.26 -0.54 -2.48 | 25.32 -0.51 -4.89 | 20.68 -0.55 -4.10 | 33.10 -0.71 -3.58 | 25.18 -0.56 -0.23 | 27.27 -0.46 -4.49 | 32.68 -0.44 -3.48 | 28.73 -0.51 -1.39 | 30.02 -0.75 -0.92 | 28.58 -0.75 -1.97 |
| ORANGEVILLE___ESR 323794 | 33.80 -0.03 -3.97 | 29.41 -0.24 -4.45 | 23.11 -0.31 -2.91 | 22.01 -0.03 -2.94 | 21.14 -0.02 -2.79 | 26.95 0.11 -2.50 | 35.84 -0.32 -3.57 | 33.02 -0.53 -4.02 | 31.26 -0.86 -1.17 | 41.92 -0.78 -0.38 | 36.79 -0.27 -1.18 | 28.49 -0.36 -3.99 | 30.24 -0.52 -1.58 | 26.56 -0.46 -2.23 | 26.26 -0.54 -2.48 | 25.32 -0.51 -4.89 | 20.68 -0.55 -4.10 | 33.10 -0.71 -3.58 | 25.18 -0.56 -0.23 | 27.27 -0.46 -4.49 | 32.68 -0.44 -3.48 | 28.73 -0.51 -1.39 | 30.02 -0.75 -0.92 | 28.58 -0.75 -1.97 |
| OSWEGATCHIE___HYD 24044 | 29.53 -0.92 -0.59 | 25.08 -0.79 -0.66 | 20.28 -0.67 -0.43 | 18.89 -0.64 -0.44 | 18.22 -0.57 -0.42 | 24.04 -0.68 -0.37 | 32.34 -0.76 -0.52 | 29.59 -0.53 -0.58 | 30.87 -0.55 -0.46 | 41.54 -0.83 -0.05 | 35.17 -0.89 -0.17 | 24.82 -0.62 -0.58 | 28.71 -0.70 -0.23 | 24.49 -0.63 -0.33 | 24.10 -0.59 -0.36 | 21.18 -0.49 -0.73 | 17.29 -0.30 -0.45 | 29.87 -0.42 -0.05 | 25.29 -0.38 -0.14 | 23.22 -0.41 -0.39 | 29.01 -0.63 0.00 | 27.17 -0.68 0.00 | 29.17 -0.68 0.00 | 26.91 -0.76 -0.30 |
| OSWEGO___5 23606 | 30.88 -0.56 -1.58 | 26.50 -0.47 -1.77 | 21.31 -0.36 -1.16 | 19.96 -0.30 -1.17 | 19.19 -0.29 -1.11 | 24.93 -0.41 -0.99 | 33.36 -0.60 -1.38 | 30.47 -0.62 -1.56 | 31.49 -0.69 -1.23 | 41.51 -0.95 -0.14 | 35.60 -0.75 -0.46 | 25.92 -0.49 -1.55 | 29.14 -0.65 -0.61 | 25.13 -0.53 -0.87 | 24.75 -0.54 -0.97 | 22.43 -0.45 -1.95 | 17.97 -0.36 -1.20 | 29.73 -0.64 -0.13 | 25.34 -0.56 -0.38 | 23.77 -0.50 -1.04 | 28.99 -0.65 0.00 | 27.21 -0.64 0.00 | 29.13 -0.72 0.00 | 27.59 -0.57 -0.79 |
| OSWEGO___6 23613 | 30.88 -0.56 -1.58 | 26.50 -0.47 -1.77 | 21.31 -0.36 -1.16 | 19.96 -0.30 -1.17 | 19.19 -0.29 -1.11 | 24.93 -0.41 -0.99 | 33.36 -0.60 -1.38 | 30.47 -0.62 -1.56 | 31.49 -0.69 -1.23 | 41.51 -0.95 -0.14 | 35.60 -0.75 -0.46 | 25.92 -0.49 -1.55 | 29.14 -0.65 -0.61 | 25.13 -0.53 -0.87 | 24.75 -0.54 -0.97 | 22.43 -0.45 -1.95 | 17.97 -0.36 -1.20 | 29.73 -0.64 -0.13 | 25.34 -0.56 -0.38 | 23.77 -0.50 -1.04 | 28.99 -0.65 0.00 | 27.21 -0.64 0.00 | 29.13 -0.72 0.00 | 27.59 -0.57 -0.79 |
| OUTOKUMPU-AB___DRP 24206 | 32.95 -0.31 -3.40 | 28.46 -0.55 -3.81 | 22.51 -0.50 -2.49 | 21.37 -0.24 -2.52 | 20.49 -0.27 -2.39 | 26.30 -0.18 -2.13 | 34.81 -0.76 -2.99 | 31.87 -1.03 -3.36 | 31.47 -1.51 -2.03 | 40.92 -1.71 -0.31 | 35.78 -1.07 -0.97 | 27.05 -1.09 -3.29 | 29.11 -1.36 -1.30 | 25.44 -1.19 -1.84 | 25.07 -1.30 -2.04 | 23.79 -1.26 -4.11 | 20.06 -1.20 -4.12 | 31.36 -1.80 -2.93 | 26.56 -1.47 -2.52 | 25.99 -1.29 -4.05 | 31.04 -1.44 -2.85 | 27.64 -1.35 -1.14 | 29.03 -1.57 -0.75 | 27.60 -1.43 -1.66 |
| OXBOW___ 24026 | 32.67 -0.56 -3.37 | 28.21 -0.76 -3.77 | 22.30 -0.67 -2.46 | 21.18 -0.41 -2.49 | 20.30 -0.44 -2.36 | 26.05 -0.41 -2.11 | 34.40 -1.14 -2.96 | 31.47 -1.39 -3.32 | 31.09 -1.88 -2.02 | 40.41 -2.21 -0.31 | 35.36 -1.49 -0.96 | 26.69 -1.42 -3.25 | 28.73 -1.74 -1.29 | 25.11 -1.50 -1.82 | 24.73 -1.62 -2.02 | 23.48 -1.52 -4.07 | 19.79 -1.43 -4.09 | 30.91 -2.22 -2.89 | 26.19 -1.84 -2.51 | 25.63 -1.62 -4.01 | 30.61 -1.84 -2.81 | 27.28 -1.69 -1.12 | 28.67 -1.92 -0.75 | 27.29 -1.72 -1.64 |
| OXY_CHEM_DSASP 323612 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 32.22 -0.97 -3.33 | 27.83 -1.11 -3.73 | 22.00 -0.95 -2.44 | 20.89 -0.68 -2.47 | 20.01 -0.70 -2.34 | 25.67 -0.77 -2.09 | 33.79 -1.71 -2.93 | 30.90 -1.92 -3.29 | 30.54 -2.42 -2.00 | 39.66 -2.96 -0.30 | 34.72 -2.12 -0.95 | 26.18 -1.89 -3.22 | 28.17 -2.28 -1.28 | 24.63 -1.96 -1.80 | 24.27 -2.06 -2.00 | 23.05 -1.91 -4.03 | 19.42 -1.76 -4.05 | 30.27 -2.83 -2.86 | 25.67 -2.35 -2.51 | 25.13 -2.08 -3.97 | 30.00 -2.42 -2.78 | 26.76 -2.20 -1.11 | 28.14 -2.44 -0.74 | 26.84 -2.15 -1.62 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 54.64 2.48 -22.29 | 52.22 2.05 -24.96 | 38.54 1.69 -16.34 | 37.16 1.55 -16.52 | 35.49 1.47 -15.65 | 40.33 1.98 -14.00 | 54.89 2.77 -19.54 | 54.13 2.64 -21.96 | 51.00 2.82 -17.23 | 48.34 3.92 -2.11 | 45.92 3.46 -6.57 | 49.41 2.37 -22.18 | 40.68 2.70 -8.81 | 39.24 2.32 -12.12 | 39.98 2.26 -13.40 | 49.81 1.83 -27.04 | 48.84 1.50 -30.21 | 53.14 2.67 -20.24 | 53.17 2.26 -25.39 | 53.80 2.09 -28.47 | 52.10 2.70 -19.77 | 38.36 2.61 -7.90 | 37.87 2.78 -5.24 | 40.47 2.21 -10.90 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 54.66 2.51 -22.29 | 52.23 2.07 -24.96 | 38.55 1.70 -16.34 | 37.18 1.57 -16.52 | 35.50 1.48 -15.65 | 40.34 1.99 -14.00 | 54.88 2.76 -19.54 | 54.13 2.64 -21.96 | 50.97 2.79 -17.23 | 48.30 3.87 -2.11 | 45.86 3.41 -6.57 | 49.36 2.32 -22.18 | 40.61 2.63 -8.81 | 39.18 2.26 -12.12 | 39.93 2.21 -13.40 | 49.77 1.80 -27.04 | 48.81 1.47 -30.21 | 53.09 2.62 -20.24 | 53.15 2.24 -25.39 | 53.78 2.08 -28.47 | 52.06 2.66 -19.77 | 38.31 2.56 -7.90 | 37.83 2.74 -5.24 | 40.42 2.15 -10.90 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 33.60 0.05 -3.69 | 29.14 -0.19 -4.13 | 23.00 -0.22 -2.70 | 21.86 0.03 -2.73 | 20.95 -0.01 -2.59 | 26.80 0.13 -2.32 | 35.70 -0.14 -3.26 | 32.83 -0.36 -3.66 | 32.41 -0.81 -2.27 | 41.93 -0.72 -0.34 | 36.66 -0.29 -1.06 | 27.98 -0.45 -3.57 | 29.98 -0.61 -1.42 | 26.26 -0.53 -1.99 | 25.92 -0.63 -2.22 | 24.72 -0.66 -4.45 | 20.93 -0.71 -4.51 | 32.49 -0.95 -3.21 | 27.60 -0.73 -2.82 | 26.99 -0.67 -4.42 | 32.16 -0.60 -3.12 | 28.47 -0.63 -1.25 | 29.85 -0.82 -0.83 | 28.29 -0.87 -1.79 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 55.33 2.82 -22.65 | 52.89 2.33 -25.36 | 39.01 1.89 -16.60 | 37.64 1.76 -16.78 | 35.94 1.67 -15.90 | 40.83 2.26 -14.22 | 55.57 3.13 -19.86 | 54.76 2.91 -22.31 | 51.53 3.08 -17.50 | 48.74 4.28 -2.14 | 46.23 3.67 -6.67 | 49.91 2.52 -22.54 | 40.99 2.87 -8.95 | 39.54 2.43 -12.32 | 40.34 2.40 -13.61 | 50.40 2.00 -27.47 | 49.56 1.67 -30.76 | 53.88 2.99 -20.66 | 53.95 2.53 -25.90 | 54.55 2.32 -28.99 | 52.81 2.99 -20.18 | 38.74 2.82 -8.06 | 38.21 3.02 -5.35 | 40.89 2.45 -11.07 |
| PEEKSKILL____ 23653 | 54.26 2.40 -22.00 | 51.82 1.98 -24.63 | 38.27 1.63 -16.12 | 36.90 1.50 -16.30 | 35.24 1.42 -15.44 | 40.08 1.92 -13.81 | 54.52 2.65 -19.28 | 53.68 2.47 -21.67 | 50.54 2.60 -17.00 | 47.98 3.58 -2.08 | 45.47 3.10 -6.48 | 48.89 2.15 -21.89 | 40.31 2.45 -8.69 | 38.84 2.08 -11.96 | 39.60 2.05 -13.22 | 49.29 1.68 -26.68 | 48.33 1.39 -29.81 | 52.67 2.46 -19.97 | 52.66 2.08 -25.06 | 53.25 1.93 -28.09 | 51.65 2.51 -19.51 | 38.05 2.41 -7.80 | 37.60 2.58 -5.18 | 40.20 2.08 -10.75 |
| PGE MADISON____WINDPWR 24146 | 39.24 3.07 -6.31 | 34.81 2.55 -7.07 | 27.19 2.05 -4.62 | 25.79 2.02 -4.68 | 24.77 1.96 -4.43 | 31.04 2.73 -3.96 | 42.03 3.90 -5.55 | 39.56 3.69 -6.33 | 40.34 3.69 -5.70 | 47.73 4.79 -0.62 | 41.49 3.72 -1.88 | 33.63 2.42 -6.35 | 34.13 2.44 -2.52 | 30.73 2.03 -3.91 | 30.68 1.90 -4.46 | 31.79 1.88 -8.98 | 30.53 1.75 -11.64 | 42.48 3.43 -8.82 | 39.32 2.86 -10.94 | 36.99 2.66 -11.09 | 41.86 3.40 -8.82 | 34.45 3.08 -3.52 | 35.31 3.13 -2.34 | 33.68 2.69 -3.62 |
| PIERCEFIELD____HYD 23852 | 28.06 -1.80 0.00 | 23.67 -1.54 0.00 | 19.22 -1.29 0.00 | 17.85 -1.25 0.00 | 17.21 -1.16 0.00 | 22.88 -1.47 0.00 | 30.79 -1.79 0.00 | 28.09 -1.44 0.00 | 29.59 -1.36 0.00 | 40.48 -1.84 0.00 | 34.07 -1.82 0.00 | 23.58 -1.28 0.00 | 27.71 -1.46 0.00 | 23.52 -1.27 0.00 | 23.16 -1.17 0.00 | 19.91 -1.02 0.00 | 16.34 -0.79 0.00 | 28.90 -1.33 0.00 | 24.41 -1.11 0.00 | 22.14 -1.10 0.00 | 28.14 -1.50 0.00 | 26.38 -1.47 0.00 | 28.41 -1.43 0.00 | 25.91 -1.46 0.00 |
| PINELAWN_CC_1 323563 | 55.39 3.23 -22.30 | 57.52 2.78 -29.54 | 39.17 2.32 -16.34 | 37.77 2.15 -16.52 | 36.00 1.98 -15.65 | 40.91 2.56 -14.00 | 55.82 3.69 -19.55 | 54.92 3.42 -21.97 | 51.75 3.57 -17.23 | 77.60 4.72 -30.56 | 79.11 3.89 -39.33 | 82.53 2.69 -54.99 | 48.35 3.09 -16.08 | 39.39 2.47 -12.13 | 40.10 2.37 -13.40 | 50.42 2.04 -27.45 | 94.03 1.67 -75.23 | 146.64 3.11 -113.30 | 352.31 2.63 -324.15 | 117.25 2.33 -91.68 | 73.54 3.00 -40.90 | 39.44 2.79 -8.81 | 38.01 2.92 -5.25 | 57.94 2.77 -27.81 |
| PJM_GEN_HTP_PROXY 323702 | 54.64 2.48 -22.29 | 52.23 2.07 -24.96 | 38.58 1.73 -16.33 | 37.21 1.59 -16.51 | 35.53 1.51 -15.64 | 40.39 2.04 -13.99 | 54.99 2.88 -19.54 | 54.19 2.70 -21.96 | 51.01 2.83 -17.22 | 48.38 3.95 -2.11 | 53.23 3.43 -13.91 | 46.97 2.36 -19.75 | 40.67 2.70 -8.81 | 39.21 2.29 -12.12 | 39.97 2.25 -13.39 | 53.93 1.85 -31.14 | 43.96 1.49 -25.34 | 53.12 2.65 -20.24 | 53.13 2.22 -25.39 | 53.75 2.05 -28.46 | 52.06 2.66 -19.76 | 38.32 2.57 -7.90 | 37.85 2.77 -5.24 | 40.48 2.22 -10.89 |
| PJM_GEN_KEystone 24065 | 43.48 0.93 -12.69 | 40.10 0.69 -14.21 | 30.37 0.56 -9.30 | 29.13 0.63 -9.40 | 27.83 0.55 -8.91 | 33.09 0.77 -7.97 | 44.70 0.98 -11.14 | 42.86 0.82 -12.51 | 41.24 0.66 -9.63 | 44.55 1.05 -1.19 | 48.00 1.06 -11.05 | 35.66 0.70 -10.10 | 34.91 0.76 -4.97 | 32.33 0.66 -6.87 | 32.55 0.62 -7.60 | 40.81 0.44 -19.44 | 29.51 0.24 -12.14 | 42.19 0.51 -11.44 | 40.01 0.45 -14.04 | 39.77 0.47 -16.07 | 41.52 0.71 -11.17 | 32.98 0.67 -4.46 | 33.49 0.68 -2.96 | 33.99 0.44 -6.18 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 55.03 2.86 -22.30 | 55.11 2.46 -27.45 | 38.90 2.04 -16.34 | 37.52 1.91 -16.52 | 35.77 1.74 -15.65 | 40.62 2.26 -14.00 | 55.36 3.23 -19.55 | 54.51 3.01 -21.97 | 51.32 3.14 -17.23 | 64.26 4.36 -17.58 | 71.34 3.73 -31.73 | 65.08 2.63 -37.60 | 44.95 3.02 -12.76 | 39.37 2.45 -12.13 | 40.09 2.36 -13.40 | 54.32 2.02 -31.38 | 68.63 1.66 -49.84 | 104.36 3.02 -71.10 | 216.74 2.58 -188.65 | 88.57 2.32 -63.00 | 63.96 3.01 -31.31 | 39.06 2.82 -8.40 | 37.98 2.89 -5.25 | 50.13 2.63 -20.13 |
| PJM_GEN_VFT_PROXY 323633 | 54.45 2.29 -22.29 | 52.10 1.94 -24.96 | 38.47 1.62 -16.34 | 37.10 1.49 -16.52 | 35.43 1.42 -15.64 | 40.22 1.87 -14.00 | 54.74 2.62 -19.54 | 53.97 2.48 -21.96 | 50.89 2.71 -17.23 | 48.28 3.86 -2.11 | 53.16 3.36 -13.91 | 46.90 2.29 -19.75 | 40.58 2.60 -8.81 | 39.12 2.20 -12.12 | 39.90 2.18 -13.40 | 53.87 1.78 -31.15 | 43.92 1.44 -25.34 | 53.01 2.53 -20.24 | 53.01 2.10 -25.39 | 53.64 1.94 -28.47 | 51.95 2.54 -19.77 | 38.22 2.47 -7.90 | 37.75 2.66 -5.24 | 40.38 2.12 -10.90 |
| PLEASANTVLY____LBMP 24000 | 55.67 2.34 -23.46 | 53.41 1.93 -26.27 | 39.28 1.57 -17.20 | 37.93 1.45 -17.38 | 36.21 1.37 -16.47 | 40.93 1.85 -14.73 | 55.67 2.52 -20.57 | 54.99 2.35 -23.12 | 51.56 2.47 -18.14 | 47.97 3.44 -2.22 | 45.76 2.96 -6.91 | 50.26 2.05 -23.35 | 40.80 2.37 -9.27 | 39.57 2.01 -12.77 | 40.41 1.98 -14.11 | 51.03 1.62 -28.47 | 50.29 1.33 -31.83 | 53.94 2.36 -21.34 | 54.29 2.01 -26.77 | 55.08 1.85 -30.00 | 52.87 2.39 -20.84 | 38.47 2.29 -8.33 | 37.86 2.48 -5.53 | 40.86 2.02 -11.47 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 54.89 2.53 -22.51 | 52.50 2.09 -25.20 | 38.72 1.71 -16.50 | 37.36 1.58 -16.68 | 35.67 1.50 -15.80 | 40.51 2.02 -14.13 | 55.11 2.80 -19.73 | 54.31 2.60 -22.17 | 51.09 2.75 -17.39 | 48.29 3.84 -2.13 | 45.83 3.32 -6.63 | 49.54 2.29 -22.39 | 40.68 2.61 -8.89 | 39.26 2.22 -12.24 | 40.04 2.19 -13.53 | 50.04 1.81 -27.30 | 49.10 1.48 -30.50 | 53.29 2.63 -20.43 | 53.37 2.22 -25.63 | 54.01 2.04 -28.74 | 52.24 2.65 -19.95 | 38.37 2.54 -7.97 | 37.87 2.74 -5.29 | 40.58 2.21 -11.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 55.53 2.63 -23.03 | 53.14 2.15 -25.79 | 39.13 1.73 -16.88 | 37.77 1.61 -17.06 | 36.06 1.52 -16.17 | 40.89 2.08 -14.46 | 55.61 2.84 -20.19 | 54.87 2.65 -22.69 | 51.55 2.80 -17.80 | 48.36 3.87 -2.18 | 45.96 3.29 -6.78 | 50.03 2.26 -22.92 | 40.85 2.58 -9.10 | 39.52 2.20 -12.52 | 40.34 2.17 -13.84 | 50.68 1.81 -27.94 | 50.18 1.52 -31.52 | 54.32 2.75 -21.34 | 54.55 2.34 -26.70 | 55.10 2.13 -29.74 | 53.27 2.75 -20.88 | 38.80 2.60 -8.34 | 38.19 2.80 -5.54 | 40.90 2.27 -11.26 |
| POLETTI____ 23519 | 54.65 2.50 -22.29 | 52.24 2.08 -24.96 | 38.59 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.64 | 40.39 2.04 -14.00 | 54.98 2.86 -19.54 | 54.18 2.69 -21.96 | 51.04 2.86 -17.23 | 48.46 4.03 -2.11 | 45.95 3.50 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.84 1.87 -27.04 | 48.85 1.51 -30.21 | 53.14 2.66 -20.24 | 53.15 2.24 -25.39 | 53.76 2.05 -28.47 | 52.08 2.67 -19.77 | 38.35 2.60 -7.90 | 37.89 2.80 -5.24 | 40.51 2.25 -10.90 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_3 23555 | 55.43 3.26 -22.30 | 57.59 2.85 -29.54 | 39.22 2.36 -16.34 | 37.83 2.21 -16.52 | 36.02 2.00 -15.65 | 40.90 2.55 -14.00 | 55.74 3.61 -19.55 | 54.81 3.31 -21.97 | 51.64 3.46 -17.23 | 77.67 4.79 -30.56 | 79.23 4.02 -39.33 | 82.74 2.90 -54.99 | 48.63 3.38 -16.08 | 39.57 2.65 -12.13 | 40.22 2.49 -13.40 | 50.55 2.17 -27.45 | 94.20 1.84 -75.23 | 146.96 3.43 -113.30 | 352.59 2.91 -324.15 | 117.44 2.53 -91.68 | 73.82 3.28 -40.90 | 39.73 3.07 -8.81 | 38.20 3.11 -5.25 | 58.17 2.99 -27.81 |
| PORT_JEFF_4 23616 | 55.43 3.26 -22.30 | 57.59 2.85 -29.54 | 39.22 2.36 -16.34 | 37.83 2.21 -16.52 | 36.02 2.00 -15.65 | 40.90 2.55 -14.00 | 55.74 3.61 -19.55 | 54.81 3.31 -21.97 | 51.64 3.46 -17.23 | 77.67 4.79 -30.56 | 79.23 4.02 -39.33 | 82.74 2.90 -54.99 | 48.63 3.38 -16.08 | 39.57 2.65 -12.13 | 40.22 2.49 -13.40 | 50.55 2.17 -27.45 | 94.20 1.84 -75.23 | 146.96 3.43 -113.30 | 352.59 2.91 -324.15 | 117.44 2.53 -91.68 | 73.82 3.28 -40.90 | 39.73 3.07 -8.81 | 38.20 3.11 -5.25 | 58.17 2.99 -27.81 |
| PORT_JEFF_IC 23713 | 55.45 3.29 -22.30 | 57.62 2.88 -29.54 | 39.24 2.38 -16.34 | 37.85 2.23 -16.52 | 36.03 2.01 -15.65 | 40.92 2.57 -14.00 | 55.76 3.63 -19.55 | 54.83 3.33 -21.97 | 51.66 3.48 -17.23 | 77.70 4.82 -30.56 | 79.26 4.05 -39.33 | 82.77 2.92 -54.99 | 48.66 3.40 -16.08 | 39.59 2.67 -12.13 | 40.24 2.51 -13.40 | 50.58 2.19 -27.45 | 94.22 1.86 -75.23 | 147.01 3.48 -113.30 | 352.63 2.96 -324.15 | 117.48 2.56 -91.68 | 73.85 3.32 -40.90 | 39.77 3.11 -8.81 | 38.23 3.13 -5.25 | 58.19 3.01 -27.81 |
| PPL PILGRIM_ST_GT1 24216 | 55.34 3.17 -22.30 | 57.53 2.79 -29.54 | 39.30 2.44 -16.34 | 37.90 2.29 -16.52 | 36.11 2.08 -15.65 | 41.03 2.68 -14.00 | 55.97 3.84 -19.55 | 55.07 3.57 -21.97 | 51.89 3.71 -17.23 | 78.01 5.13 -30.56 | 79.54 4.32 -39.33 | 82.93 3.08 -54.99 | 48.83 3.57 -16.08 | 39.69 2.77 -12.13 | 40.36 2.63 -13.40 | 50.58 2.20 -27.45 | 94.23 1.87 -75.23 | 147.01 3.48 -113.30 | 352.60 2.92 -324.15 | 117.48 2.56 -91.68 | 73.86 3.32 -40.90 | 39.72 3.07 -8.81 | 38.23 3.13 -5.25 | 58.30 3.13 -27.81 |
| PPL PILGRIM_ST_GT2 24217 | 55.34 3.17 -22.30 | 57.53 2.79 -29.54 | 39.30 2.44 -16.34 | 37.90 2.29 -16.52 | 36.11 2.08 -15.65 | 41.03 2.68 -14.00 | 55.97 3.84 -19.55 | 55.07 3.57 -21.97 | 51.89 3.71 -17.23 | 78.01 5.13 -30.56 | 79.54 4.32 -39.33 | 82.93 3.08 -54.99 | 48.83 3.57 -16.08 | 39.69 2.77 -12.13 | 40.36 2.63 -13.40 | 50.58 2.20 -27.45 | 94.23 1.87 -75.23 | 147.01 3.48 -113.30 | 352.60 2.92 -324.15 | 117.48 2.56 -91.68 | 73.86 3.32 -40.90 | 39.72 3.07 -8.81 | 38.23 3.13 -5.25 | 58.30 3.13 -27.81 |
| PPL_SHRM_GT3 24213 | 55.31 3.15 -22.30 | 57.57 2.83 -29.54 | 39.16 2.30 -16.34 | 37.79 2.17 -16.52 | 35.93 1.91 -15.65 | 40.79 2.44 -14.00 | 55.48 3.35 -19.55 | 54.45 2.95 -21.97 | 51.26 3.08 -17.23 | 77.15 4.27 -30.56 | 78.77 3.56 -39.33 | 82.50 2.65 -54.99 | 48.41 3.15 -16.08 | 39.29 2.37 -12.13 | 39.89 2.17 -13.40 | 50.31 1.92 -27.45 | 93.99 1.64 -75.23 | 146.63 3.10 -113.30 | 352.40 2.72 -324.15 | 117.18 2.26 -91.68 | 73.47 2.93 -40.90 | 39.50 2.85 -8.81 | 37.83 2.74 -5.25 | 57.93 2.76 -27.81 |
| PPL_SHRM_GT4 24214 | 55.31 3.15 -22.30 | 57.57 2.83 -29.54 | 39.16 2.30 -16.34 | 37.79 2.17 -16.52 | 35.93 1.91 -15.65 | 40.79 2.44 -14.00 | 55.48 3.35 -19.55 | 54.45 2.95 -21.97 | 51.26 3.08 -17.23 | 77.15 4.27 -30.56 | 78.77 3.56 -39.33 | 82.50 2.65 -54.99 | 48.41 3.15 -16.08 | 39.29 2.37 -12.13 | 39.89 2.17 -13.40 | 50.31 1.92 -27.45 | 93.99 1.64 -75.23 | 146.63 3.10 -113.30 | 352.40 2.72 -324.15 | 117.18 2.26 -91.68 | 73.47 2.93 -40.90 | 39.50 2.85 -8.81 | 37.83 2.74 -5.25 | 57.93 2.76 -27.81 |
| PROJECT___ORANGE 1 24174 | 31.77 -0.06 -1.96 | 27.33 -0.07 -2.20 | 21.92 -0.03 -1.44 | 20.56 0.01 -1.45 | 19.76 0.01 -1.38 | 25.59 0.01 -1.23 | 34.27 -0.03 -1.72 | 31.38 -0.08 -1.94 | 32.35 -0.14 -1.54 | 42.31 -0.18 -0.18 | 36.36 -0.09 -0.57 | 26.75 -0.05 -1.94 | 29.81 -0.13 -0.77 | 25.77 -0.10 -1.08 | 25.40 -0.13 -1.20 | 23.28 -0.08 -2.43 | 18.56 -0.07 -1.50 | 30.31 -0.10 -0.16 | 25.90 -0.10 -0.47 | 24.45 -0.08 -1.29 | 29.53 -0.11 0.00 | 27.69 -0.16 0.00 | 29.62 -0.23 0.00 | 28.21 -0.14 -0.98 |
| PROJECT___ORANGE 2 24166 | 31.77 -0.06 -1.96 | 27.33 -0.07 -2.20 | 21.92 -0.03 -1.44 | 20.56 0.01 -1.45 | 19.76 0.01 -1.38 | 25.59 0.01 -1.23 | 34.27 -0.03 -1.72 | 31.38 -0.08 -1.94 | 32.35 -0.14 -1.54 | 42.31 -0.18 -0.18 | 36.36 -0.09 -0.57 | 26.75 -0.05 -1.94 | 29.81 -0.13 -0.77 | 25.77 -0.10 -1.08 | 25.40 -0.13 -1.20 | 23.28 -0.08 -2.43 | 18.56 -0.07 -1.50 | 30.31 -0.10 -0.16 | 25.90 -0.10 -0.47 | 24.45 -0.08 -1.29 | 29.53 -0.11 0.00 | 27.69 -0.16 0.00 | 29.62 -0.23 0.00 | 28.21 -0.14 -0.98 |
| PUCKETT___SOLAR 323809 | 37.98 1.26 -6.85 | 33.89 1.01 -7.68 | 26.35 0.82 -5.03 | 25.04 0.86 -5.08 | 23.99 0.81 -4.81 | 29.80 1.14 -4.31 | 40.21 1.59 -6.03 | 37.82 1.46 -6.83 | 38.12 1.39 -5.77 | 44.77 1.79 -0.66 | 39.31 1.41 -2.02 | 32.59 0.91 -6.83 | 32.83 0.95 -2.71 | 29.55 0.78 -3.98 | 29.56 0.75 -4.48 | 30.69 0.74 -9.02 | 28.72 0.69 -10.90 | 39.47 1.36 -7.88 | 36.39 1.17 -9.70 | 34.69 1.10 -10.36 | 38.86 1.42 -7.80 | 32.22 1.25 -3.12 | 33.16 1.25 -2.07 | 32.05 1.05 -3.63 |
| PYRITES___HYD 24023 | 28.58 -1.29 0.00 | 24.10 -1.10 0.00 | 19.57 -0.95 0.00 | 18.17 -0.93 0.00 | 17.52 -0.85 0.00 | 23.30 -1.06 0.00 | 31.40 -1.18 0.00 | 28.68 -0.85 0.00 | 30.22 -0.74 0.00 | 41.30 -1.02 0.00 | 34.77 -1.11 0.00 | 24.06 -0.80 0.00 | 28.29 -0.88 0.00 | 24.01 -0.79 0.00 | 23.59 -0.73 0.00 | 20.30 -0.64 0.00 | 16.66 -0.47 0.00 | 29.49 -0.74 0.00 | 24.93 -0.59 0.00 | 22.60 -0.64 0.00 | 28.74 -0.90 0.00 | 26.91 -0.94 0.00 | 28.97 -0.88 0.00 | 26.41 -0.96 0.00 |
| RAMAPO___LBMP 323565 | 53.34 2.27 -21.20 | 50.82 1.88 -23.74 | 37.59 1.53 -15.54 | 36.23 1.42 -15.71 | 34.60 1.34 -14.88 | 39.47 1.80 -13.31 | 53.66 2.49 -18.59 | 52.74 2.32 -20.89 | 49.74 2.41 -16.38 | 47.61 3.29 -2.00 | 44.98 2.86 -6.25 | 47.94 1.99 -21.10 | 39.79 2.24 -8.38 | 38.23 1.91 -11.53 | 38.94 1.88 -12.74 | 48.19 1.56 -25.70 | 47.13 1.28 -28.72 | 51.75 2.27 -19.24 | 51.59 1.93 -24.14 | 52.09 1.80 -27.06 | 50.78 2.35 -18.79 | 37.61 2.25 -7.51 | 37.24 2.41 -4.99 | 39.65 1.92 -10.36 |
| RANKINE____ 23646 | 33.42 -0.05 -3.61 | 28.94 -0.30 -4.04 | 22.85 -0.31 -2.64 | 21.72 -0.05 -2.67 | 20.82 -0.09 -2.53 | 26.66 0.04 -2.27 | 35.47 -0.30 -3.18 | 32.56 -0.55 -3.58 | 32.03 -1.04 -2.12 | 41.60 -1.05 -0.33 | 36.41 -0.51 -1.04 | 27.74 -0.62 -3.50 | 29.74 -0.82 -1.39 | 26.04 -0.70 -1.96 | 25.68 -0.82 -2.17 | 24.48 -0.82 -4.36 | 20.62 -0.86 -4.35 | 32.16 -1.21 -3.13 | 27.09 -0.98 -2.55 | 26.69 -0.84 -4.30 | 31.83 -0.86 -3.05 | 28.20 -0.87 -1.22 | 29.56 -1.10 -0.81 | 28.09 -1.04 -1.76 |
| RAVENSWOOD_GT2_1 24244 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.50 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.34 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.79 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT2_2 24245 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.50 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.34 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.79 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| RAVENSWOOD_GT2_3 24246 | 54.69 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.87 -19.54 | 54.20 2.70 -21.96 | 51.06 2.88 -17.23 | 48.49 4.06 -2.11 | 45.97 3.52 -6.57 | 49.45 2.42 -22.18 | 40.74 2.77 -8.81 | 39.27 2.35 -12.12 | 40.04 2.31 -13.40 | 49.86 1.89 -27.04 | 48.87 1.53 -30.21 | 53.19 2.71 -20.24 | 53.19 2.28 -25.39 | 53.80 2.10 -28.47 | 52.13 2.73 -19.77 | 38.39 2.64 -7.90 | 37.92 2.83 -5.24 | 40.55 2.28 -10.90 |
| RAVENSWOOD_GT2_4 24247 | 54.69 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.87 -19.54 | 54.20 2.70 -21.96 | 51.06 2.88 -17.23 | 48.49 4.06 -2.11 | 45.97 3.52 -6.57 | 49.45 2.42 -22.18 | 40.74 2.77 -8.81 | 39.27 2.35 -12.12 | 40.04 2.31 -13.40 | 49.86 1.89 -27.04 | 48.87 1.53 -30.21 | 53.19 2.71 -20.24 | 53.19 2.28 -25.39 | 53.80 2.10 -28.47 | 52.13 2.73 -19.77 | 38.39 2.64 -7.90 | 37.92 2.83 -5.24 | 40.55 2.28 -10.90 |
| RAVENSWOOD_GT3_1 24248 | 54.67 2.51 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.50 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.26 2.34 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.27 -25.39 | 53.79 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT3_2 24249 | 54.67 2.51 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.50 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.26 2.34 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.27 -25.39 | 53.79 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT3_3 24250 | 54.72 2.56 -22.29 | 52.30 2.13 -24.96 | 38.62 1.77 -16.34 | 37.25 1.63 -16.52 | 35.57 1.55 -15.65 | 40.44 2.09 -14.00 | 55.03 2.91 -19.54 | 54.23 2.74 -21.96 | 51.10 2.92 -17.23 | 48.54 4.11 -2.11 | 46.02 3.57 -6.57 | 49.49 2.45 -22.18 | 40.78 2.80 -8.81 | 39.30 2.38 -12.12 | 40.07 2.34 -13.40 | 49.89 1.92 -27.04 | 48.90 1.56 -30.21 | 53.23 2.75 -20.24 | 53.23 2.32 -25.39 | 53.83 2.13 -28.47 | 52.17 2.76 -19.77 | 38.42 2.67 -7.90 | 37.96 2.88 -5.24 | 40.58 2.31 -10.90 |
| RAVENSWOOD_GT3_4 24251 | 54.72 2.56 -22.29 | 52.30 2.13 -24.96 | 38.62 1.77 -16.34 | 37.25 1.63 -16.52 | 35.57 1.55 -15.65 | 40.44 2.09 -14.00 | 55.03 2.91 -19.54 | 54.23 2.74 -21.96 | 51.10 2.92 -17.23 | 48.54 4.11 -2.11 | 46.02 3.57 -6.57 | 49.49 2.45 -22.18 | 40.78 2.80 -8.81 | 39.30 2.38 -12.12 | 40.07 2.34 -13.40 | 49.89 1.92 -27.04 | 48.90 1.56 -30.21 | 53.23 2.75 -20.24 | 53.23 2.32 -25.39 | 53.83 2.13 -28.47 | 52.17 2.76 -19.77 | 38.42 2.67 -7.90 | 37.96 2.88 -5.24 | 40.58 2.31 -10.90 |
| RAVENSWOOD_GT_1 23729 | 54.73 2.57 -22.29 | 52.30 2.13 -24.96 | 38.63 1.77 -16.34 | 37.25 1.63 -16.52 | 35.57 1.55 -15.65 | 40.43 2.08 -14.00 | 55.02 2.90 -19.54 | 54.23 2.74 -21.96 | 51.13 2.95 -17.23 | 48.60 4.17 -2.11 | 46.10 3.64 -6.57 | 49.54 2.50 -22.18 | 40.84 2.86 -8.81 | 39.36 2.45 -12.12 | 40.11 2.39 -13.40 | 49.90 1.93 -27.04 | 48.91 1.57 -30.21 | 53.25 2.77 -20.24 | 53.26 2.35 -25.39 | 53.86 2.16 -28.47 | 52.21 2.81 -19.77 | 38.48 2.73 -7.90 | 38.03 2.94 -5.24 | 40.63 2.36 -10.90 |
| RAVENSWOOD_GT_10 24258 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.49 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.61 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT_11 24259 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.49 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.61 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT_4 24252 | 54.68 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.22 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.88 -19.54 | 54.20 2.70 -21.96 | 51.05 2.87 -17.23 | 48.45 4.03 -2.11 | 45.94 3.49 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.24 2.33 -12.12 | 40.02 2.29 -13.40 | 49.85 1.88 -27.04 | 48.87 1.52 -30.21 | 53.17 2.69 -20.24 | 53.17 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.81 -5.24 | 40.53 2.26 -10.90 |
| RAVENSWOOD_GT_5 24254 | 54.68 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.22 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.88 -19.54 | 54.20 2.70 -21.96 | 51.05 2.87 -17.23 | 48.45 4.03 -2.11 | 45.94 3.49 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.24 2.33 -12.12 | 40.02 2.29 -13.40 | 49.85 1.88 -27.04 | 48.87 1.52 -30.21 | 53.17 2.69 -20.24 | 53.17 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.81 -5.24 | 40.53 2.26 -10.90 |
| RAVENSWOOD_GT_6 24253 | 54.68 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.22 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.88 -19.54 | 54.20 2.70 -21.96 | 51.05 2.87 -17.23 | 48.45 4.03 -2.11 | 45.94 3.49 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.24 2.33 -12.12 | 40.02 2.29 -13.40 | 49.85 1.88 -27.04 | 48.87 1.52 -30.21 | 53.17 2.69 -20.24 | 53.17 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.81 -5.24 | 40.53 2.26 -10.90 |
| RAVENSWOOD_GT_7 24255 | 54.68 2.53 -22.29 | 52.27 2.11 -24.96 | 38.60 1.75 -16.34 | 37.22 1.61 -16.52 | 35.55 1.53 -15.65 | 40.41 2.06 -14.00 | 55.00 2.88 -19.54 | 54.20 2.70 -21.96 | 51.05 2.87 -17.23 | 48.45 4.03 -2.11 | 45.94 3.49 -6.57 | 49.43 2.39 -22.18 | 40.72 2.74 -8.81 | 39.24 2.33 -12.12 | 40.02 2.29 -13.40 | 49.85 1.88 -27.04 | 48.87 1.52 -30.21 | 53.17 2.69 -20.24 | 53.17 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.36 2.61 -7.90 | 37.90 2.81 -5.24 | 40.53 2.26 -10.90 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.49 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.61 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |
| RAVENSWOOD_GT_9 24257 | 54.67 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.54 1.52 -15.65 | 40.39 2.04 -14.00 | 54.98 2.85 -19.54 | 54.18 2.68 -21.96 | 51.04 2.86 -17.23 | 48.45 4.03 -2.11 | 45.95 3.49 -6.57 | 49.44 2.40 -22.18 | 40.72 2.74 -8.81 | 39.25 2.33 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.26 -25.39 | 53.78 2.08 -28.47 | 52.11 2.70 -19.77 | 38.37 2.61 -7.90 | 37.91 2.82 -5.24 | 40.53 2.27 -10.90 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___1 23533 | 54.65 2.49 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.21 1.59 -16.52 | 35.54 1.52 -15.65 | 40.37 2.02 -14.00 | 54.94 2.81 -19.54 | 54.16 2.66 -21.96 | 51.06 2.87 -17.23 | 48.52 4.10 -2.11 | 46.03 3.58 -6.57 | 49.50 2.46 -22.18 | 40.79 2.81 -8.81 | 39.32 2.40 -12.12 | 40.07 2.35 -13.40 | 49.86 1.89 -27.04 | 48.89 1.55 -30.21 | 53.21 2.73 -20.24 | 53.23 2.31 -25.39 | 53.82 2.12 -28.47 | 52.16 2.76 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.58 2.32 -10.90 |
| RAVENSWOOD___2 23534 | 54.65 2.49 -22.29 | 52.24 2.07 -24.96 | 38.60 1.74 -16.34 | 37.22 1.61 -16.52 | 35.54 1.52 -15.65 | 40.37 2.02 -14.00 | 54.94 2.81 -19.54 | 54.16 2.66 -21.96 | 51.06 2.87 -17.23 | 48.52 4.10 -2.11 | 46.03 3.58 -6.57 | 49.50 2.46 -22.18 | 40.79 2.81 -8.81 | 39.32 2.40 -12.12 | 40.07 2.35 -13.40 | 49.86 1.89 -27.04 | 48.89 1.55 -30.21 | 53.21 2.73 -20.24 | 53.23 2.31 -25.39 | 53.82 2.12 -28.47 | 52.16 2.76 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.58 2.32 -10.90 |
| RAVENSWOOD___3 23535 | 54.68 2.52 -22.29 | 52.26 2.09 -24.96 | 38.60 1.74 -16.34 | 37.22 1.60 -16.52 | 35.55 1.52 -15.65 | 40.39 2.05 -14.00 | 54.98 2.86 -19.54 | 54.18 2.69 -21.96 | 51.05 2.87 -17.23 | 48.46 4.03 -2.11 | 45.96 3.51 -6.57 | 49.45 2.41 -22.18 | 40.73 2.75 -8.81 | 39.27 2.35 -12.12 | 40.02 2.30 -13.40 | 49.85 1.88 -27.04 | 48.87 1.53 -30.21 | 53.17 2.69 -20.24 | 53.18 2.27 -25.39 | 53.79 2.08 -28.47 | 52.12 2.71 -19.77 | 38.37 2.62 -7.90 | 37.91 2.82 -5.24 | 40.54 2.28 -10.90 |
| RAVENSWOOD___4 23820 | 54.65 2.49 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.21 1.59 -16.52 | 35.54 1.52 -15.65 | 40.37 2.02 -14.00 | 54.94 2.81 -19.54 | 54.16 2.66 -21.96 | 51.06 2.87 -17.23 | 48.52 4.10 -2.11 | 46.03 3.58 -6.57 | 49.50 2.46 -22.18 | 40.79 2.81 -8.81 | 39.32 2.40 -12.12 | 40.07 2.35 -13.40 | 49.86 1.89 -27.04 | 48.89 1.55 -30.21 | 53.21 2.73 -20.24 | 53.23 2.31 -25.39 | 53.82 2.12 -28.47 | 52.16 2.76 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.58 2.32 -10.90 |
| RCPL_TRUST___DRP 24196 | 54.68 2.53 -22.29 | 52.27 2.11 -24.96 | 38.61 1.76 -16.33 | 37.23 1.62 -16.51 | 35.55 1.54 -15.64 | 40.42 2.08 -13.99 | 55.05 2.93 -19.54 | 54.23 2.74 -21.96 | 51.05 2.87 -17.22 | 48.42 4.00 -2.11 | 45.92 3.47 -6.57 | 49.42 2.39 -22.18 | 40.71 2.73 -8.81 | 39.24 2.32 -12.12 | 40.00 2.28 -13.39 | 49.84 1.87 -27.03 | 48.85 1.51 -30.20 | 53.15 2.68 -20.24 | 53.15 2.25 -25.39 | 53.77 2.07 -28.46 | 52.09 2.69 -19.76 | 38.34 2.59 -7.90 | 37.89 2.80 -5.24 | 40.51 2.25 -10.89 |
| RED___ROCHESTER 323720 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |
| REGAN___SOLAR 323812 | 69.97 3.22 -36.88 | 69.15 2.65 -41.30 | 49.68 2.14 -27.03 | 48.43 2.01 -27.33 | 46.18 1.92 -25.89 | 50.17 2.66 -23.16 | 68.65 3.73 -32.33 | 69.33 3.45 -36.35 | 63.27 3.70 -28.62 | 50.35 4.40 -3.63 | 49.93 3.17 -10.87 | 63.63 2.05 -36.72 | 46.07 2.32 -14.58 | 46.83 1.89 -20.14 | 48.49 1.88 -22.28 | 67.88 1.97 -44.98 | 91.45 2.01 -72.32 | 97.56 3.76 -63.57 | 103.59 3.18 -74.89 | 96.39 2.87 -70.29 | 98.18 3.55 -64.98 | 57.05 3.23 -25.97 | 50.31 3.23 -17.24 | 48.30 2.81 -18.13 |
| RENSSELAER___COGEN 23796 | 61.87 1.38 -30.63 | 60.66 1.16 -34.30 | 43.95 0.98 -22.45 | 42.74 0.95 -22.69 | 40.84 0.97 -21.50 | 44.77 1.18 -19.23 | 60.85 1.42 -26.85 | 60.99 1.28 -30.18 | 56.03 1.37 -23.71 | 47.21 1.91 -2.97 | 46.60 1.70 -9.02 | 56.43 1.11 -30.47 | 42.70 1.43 -12.10 | 42.71 1.22 -16.69 | 43.93 1.15 -18.45 | 59.12 0.94 -37.24 | 72.03 0.77 -54.13 | 76.40 1.32 -44.84 | 80.13 1.11 -53.50 | 76.49 1.03 -52.22 | 76.43 1.35 -45.44 | 47.33 1.33 -18.16 | 43.38 1.48 -12.06 | 43.64 1.27 -15.01 |
| REVERE_CPPR_DRP 24186 | 32.06 1.08 -1.12 | 27.36 0.91 -1.25 | 22.06 0.73 -0.82 | 20.64 0.72 -0.83 | 19.86 0.71 -0.78 | 26.07 1.03 -0.70 | 35.05 1.49 -0.98 | 32.06 1.43 -1.10 | 33.30 1.48 -0.88 | 44.36 1.94 -0.10 | 37.68 1.47 -0.33 | 26.87 0.91 -1.10 | 30.60 0.99 -0.44 | 26.21 0.80 -0.62 | 25.80 0.79 -0.69 | 23.07 0.75 -1.39 | 18.72 0.73 -0.85 | 31.80 1.46 -0.09 | 27.02 1.23 -0.27 | 25.07 1.10 -0.74 | 31.01 1.37 0.00 | 29.04 1.19 0.00 | 30.98 1.14 0.00 | 28.89 0.96 -0.56 |
| RIVERBAY____ 323610 | 54.66 2.51 -22.29 | 52.23 2.07 -24.96 | 38.55 1.70 -16.34 | 37.18 1.57 -16.52 | 35.50 1.48 -15.65 | 40.34 1.99 -14.00 | 54.88 2.76 -19.54 | 54.13 2.64 -21.96 | 50.97 2.79 -17.23 | 48.30 3.87 -2.11 | 45.86 3.41 -6.57 | 49.36 2.32 -22.18 | 40.61 2.63 -8.81 | 39.18 2.26 -12.12 | 39.93 2.21 -13.40 | 49.77 1.80 -27.04 | 48.81 1.47 -30.21 | 53.09 2.62 -20.24 | 53.15 2.24 -25.39 | 53.78 2.08 -28.47 | 52.06 2.66 -19.77 | 38.31 2.56 -7.90 | 37.83 2.74 -5.24 | 40.42 2.15 -10.90 |
| ROARING___BROOK_WT_PWR 323790 | 29.27 -0.59 0.00 | 24.71 -0.49 0.00 | 20.08 -0.43 0.00 | 18.66 -0.44 0.00 | 17.97 -0.41 0.00 | 23.68 -0.67 0.00 | 31.53 -1.06 0.00 | 28.71 -0.82 0.00 | 30.13 -0.82 0.00 | 41.16 -1.16 0.00 | 34.72 -1.17 0.00 | 24.10 -0.75 0.00 | 28.38 -0.80 0.00 | 24.14 -0.65 0.00 | 23.75 -0.57 0.00 | 20.44 -0.49 0.00 | 16.70 -0.43 0.00 | 29.55 -0.68 0.00 | 24.77 -0.75 0.00 | 22.41 -0.83 0.00 | 28.49 -1.15 0.00 | 26.98 -0.88 0.00 | 29.13 -0.71 0.00 | 26.86 -0.51 0.00 |
| ROCHESTER_9_IC 23652 | 32.49 -0.01 -2.63 | 27.97 -0.18 -2.95 | 22.27 -0.18 -1.93 | 21.01 -0.04 -1.95 | 20.17 -0.05 -1.85 | 26.05 0.05 -1.65 | 34.78 -0.05 -2.25 | 31.85 -0.21 -2.53 | 32.22 -0.51 -1.77 | 42.00 -0.56 -0.24 | 36.39 -0.24 -0.74 | 27.03 -0.32 -2.50 | 29.67 -0.49 -0.99 | 25.77 -0.42 -1.40 | 25.36 -0.52 -1.56 | 23.64 -0.51 -3.21 | 20.06 -0.50 -3.43 | 31.74 -0.67 -2.18 | 27.72 -0.58 -2.77 | 25.98 -0.47 -3.21 | 31.22 -0.52 -2.11 | 28.15 -0.55 -0.84 | 29.68 -0.73 -0.56 | 28.04 -0.62 -1.30 |
| ROSETON___1 23587 | 54.49 2.26 -22.37 | 52.12 1.87 -25.05 | 38.43 1.52 -16.39 | 37.08 1.41 -16.57 | 35.40 1.33 -15.70 | 40.18 1.79 -14.05 | 54.65 2.46 -19.61 | 53.85 2.28 -22.04 | 50.64 2.41 -17.28 | 47.76 3.33 -2.11 | 45.35 2.88 -6.59 | 49.10 1.99 -22.26 | 40.28 2.27 -8.84 | 38.90 1.94 -12.17 | 39.68 1.91 -13.44 | 49.64 1.58 -27.13 | 48.65 1.29 -30.23 | 52.73 2.29 -20.20 | 52.82 1.94 -25.36 | 53.51 1.80 -28.48 | 51.69 2.33 -19.72 | 37.96 2.23 -7.88 | 37.48 2.40 -5.23 | 40.26 1.96 -10.93 |
| ROSETON___2 23588 | 54.49 2.26 -22.37 | 52.12 1.87 -25.05 | 38.43 1.52 -16.39 | 37.08 1.41 -16.57 | 35.40 1.33 -15.70 | 40.18 1.79 -14.05 | 54.65 2.46 -19.61 | 53.85 2.28 -22.04 | 50.64 2.41 -17.28 | 47.76 3.33 -2.11 | 45.35 2.88 -6.59 | 49.10 1.99 -22.26 | 40.28 2.27 -8.84 | 38.90 1.94 -12.17 | 39.68 1.91 -13.44 | 49.64 1.58 -27.13 | 48.65 1.29 -30.23 | 52.73 2.29 -20.20 | 52.82 1.94 -25.36 | 53.51 1.80 -28.48 | 51.69 2.33 -19.72 | 37.96 2.23 -7.88 | 37.48 2.40 -5.23 | 40.26 1.96 -10.93 |
| RUSSELL___1 23602 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RUSSELL___2 23532 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |
| RUSSELL___3 23549 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |
| RUSSELL___4 23556 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |
| RUSSELL___STATION 23914 | 32.65 0.15 -2.63 | 28.10 -0.05 -2.95 | 22.38 -0.06 -1.93 | 21.11 0.06 -1.95 | 20.26 0.04 -1.85 | 26.18 0.18 -1.65 | 34.96 0.13 -2.25 | 32.03 -0.04 -2.53 | 32.40 -0.32 -1.77 | 42.26 -0.30 -0.24 | 36.60 -0.02 -0.74 | 27.19 -0.16 -2.50 | 29.85 -0.31 -0.99 | 25.92 -0.27 -1.40 | 25.51 -0.37 -1.56 | 23.77 -0.37 -3.21 | 20.18 -0.38 -3.43 | 31.95 -0.47 -2.18 | 27.89 -0.40 -2.77 | 26.14 -0.31 -3.21 | 31.42 -0.32 -2.11 | 28.32 -0.37 -0.84 | 29.86 -0.55 -0.56 | 28.19 -0.47 -1.30 |
| S SALMON___HYD 24043 | 31.23 -0.21 -1.57 | 26.78 -0.19 -1.76 | 21.53 -0.13 -1.15 | 20.13 -0.13 -1.16 | 19.38 -0.09 -1.10 | 25.23 -0.11 -0.99 | 33.81 -0.15 -1.37 | 30.96 -0.11 -1.54 | 31.91 -0.26 -1.23 | 42.01 -0.44 -0.14 | 36.02 -0.32 -0.46 | 26.23 -0.17 -1.54 | 29.54 -0.25 -0.61 | 25.44 -0.22 -0.86 | 25.02 -0.26 -0.96 | 22.66 -0.21 -1.94 | 18.24 -0.08 -1.19 | 30.28 -0.09 -0.13 | 25.77 -0.12 -0.38 | 24.15 -0.11 -1.03 | 29.42 -0.21 0.00 | 27.58 -0.27 0.00 | 29.54 -0.30 0.00 | 27.88 -0.27 -0.78 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 32.95 -0.37 -3.45 | 28.48 -0.59 -3.87 | 22.51 -0.53 -2.53 | 21.38 -0.28 -2.56 | 20.49 -0.30 -2.42 | 26.28 -0.24 -2.17 | 34.89 -0.74 -3.04 | 31.98 -0.98 -3.42 | 31.45 -1.51 -2.01 | 40.92 -1.71 -0.32 | 35.81 -1.06 -0.99 | 27.18 -1.02 -3.35 | 29.21 -1.29 -1.33 | 25.56 -1.10 -1.87 | 25.19 -1.21 -2.08 | 23.95 -1.16 -4.18 | 20.13 -1.15 -4.16 | 31.48 -1.74 -2.98 | 26.50 -1.44 -2.43 | 26.09 -1.25 -4.11 | 31.16 -1.38 -2.90 | 27.70 -1.31 -1.16 | 29.07 -1.55 -0.77 | 27.65 -1.40 -1.68 |
| SELKIRK___I 23801 | 61.28 1.66 -29.75 | 59.93 1.41 -33.31 | 43.49 1.18 -21.81 | 42.27 1.13 -22.04 | 40.37 1.11 -20.88 | 44.44 1.41 -18.68 | 60.41 1.75 -26.08 | 60.45 1.60 -29.31 | 55.65 1.67 -23.02 | 47.50 2.32 -2.86 | 46.65 2.00 -8.76 | 55.78 1.33 -29.60 | 42.58 1.66 -11.75 | 42.42 1.43 -16.20 | 43.62 1.38 -17.92 | 58.23 1.14 -36.16 | 66.26 0.94 -48.19 | 69.48 1.63 -37.62 | 72.38 1.38 -45.48 | 70.67 1.27 -46.16 | 69.05 1.64 -37.77 | 44.53 1.59 -15.09 | 41.58 1.72 -10.02 | 43.43 1.49 -14.57 |
| SELKIRK___II 23799 | 61.59 1.48 -30.25 | 60.31 1.24 -33.87 | 43.72 1.04 -22.17 | 42.50 0.99 -22.41 | 40.58 0.98 -21.23 | 44.58 1.24 -18.99 | 60.64 1.55 -26.51 | 60.74 1.41 -29.80 | 55.86 1.49 -23.41 | 47.31 2.08 -2.91 | 46.61 1.82 -8.91 | 56.15 1.20 -30.09 | 42.60 1.49 -11.95 | 42.55 1.28 -16.48 | 43.77 1.22 -18.22 | 58.71 1.01 -36.77 | 67.77 0.83 -49.81 | 71.02 1.44 -39.34 | 74.18 1.22 -47.44 | 72.14 1.12 -47.78 | 70.67 1.46 -39.57 | 45.08 1.42 -15.81 | 41.91 1.56 -10.50 | 43.51 1.32 -14.82 |
| SENECA OSWGO___HYD 24041 | 31.19 -0.42 -1.75 | 26.80 -0.36 -1.96 | 21.53 -0.26 -1.29 | 20.18 -0.21 -1.30 | 19.40 -0.20 -1.23 | 25.16 -0.28 -1.10 | 33.67 -0.44 -1.53 | 30.79 -0.46 -1.72 | 31.78 -0.54 -1.37 | 41.74 -0.74 -0.16 | 35.82 -0.58 -0.51 | 26.22 -0.36 -1.72 | 29.36 -0.49 -0.68 | 25.35 -0.41 -0.96 | 24.97 -0.43 -1.07 | 22.77 -0.33 -2.17 | 18.22 -0.25 -1.33 | 29.94 -0.44 -0.15 | 25.55 -0.40 -0.42 | 24.04 -0.35 -1.15 | 29.18 -0.46 0.00 | 27.36 -0.49 0.00 | 29.28 -0.57 0.00 | 27.81 -0.43 -0.87 |
| SENECA___ENERGY 23797 | 32.78 0.14 -2.78 | 28.36 0.05 -3.11 | 22.57 0.02 -2.03 | 21.26 0.11 -2.06 | 20.43 0.11 -1.95 | 26.28 0.19 -1.74 | 35.26 0.24 -2.44 | 32.41 0.14 -2.74 | 33.33 0.01 -2.37 | 42.65 0.08 -0.26 | 36.88 0.18 -0.81 | 27.72 0.12 -2.75 | 30.19 -0.08 -1.09 | 26.25 -0.08 -1.54 | 25.89 -0.16 -1.72 | 24.27 -0.12 -3.46 | 20.92 -0.04 -3.82 | 32.68 0.04 -2.41 | 28.90 0.03 -3.35 | 26.84 0.06 -3.55 | 32.07 0.10 -2.34 | 28.78 -0.01 -0.93 | 30.34 -0.12 -0.62 | 28.67 -0.09 -1.39 |
| SHOEMAKER___GT 23640 | 51.75 2.07 -19.81 | 49.11 1.72 -22.19 | 36.44 1.40 -14.52 | 35.08 1.30 -14.68 | 33.52 1.23 -13.91 | 38.46 1.67 -12.44 | 52.23 2.27 -17.37 | 51.12 2.07 -19.52 | 48.42 2.17 -15.30 | 47.10 2.91 -1.87 | 44.21 2.49 -5.84 | 46.31 1.73 -19.72 | 38.97 1.97 -7.83 | 37.24 1.68 -10.77 | 37.88 1.66 -11.89 | 46.31 1.38 -24.00 | 45.12 1.16 -26.83 | 50.30 2.08 -17.98 | 49.84 1.76 -22.56 | 50.15 1.63 -25.28 | 49.32 2.12 -17.56 | 36.90 2.03 -7.02 | 36.69 2.18 -4.66 | 38.82 1.78 -9.67 |
| SHOREHAM_IC_1 23715 | 55.31 3.15 -22.30 | 57.57 2.83 -29.54 | 39.16 2.30 -16.34 | 37.79 2.17 -16.52 | 35.93 1.91 -15.65 | 40.79 2.44 -14.00 | 55.48 3.35 -19.55 | 54.45 2.95 -21.97 | 51.26 3.08 -17.23 | 77.15 4.27 -30.56 | 78.77 3.56 -39.33 | 82.50 2.65 -54.99 | 48.41 3.15 -16.08 | 39.29 2.37 -12.13 | 39.89 2.17 -13.40 | 50.31 1.92 -27.45 | 93.99 1.64 -75.23 | 146.63 3.10 -113.30 | 352.40 2.72 -324.15 | 117.18 2.26 -91.68 | 73.47 2.93 -40.90 | 39.50 2.85 -8.81 | 37.83 2.74 -5.25 | 57.93 2.76 -27.81 |
| SHOREHAM_IC_2 23716 | 55.31 3.15 -22.30 | 57.57 2.83 -29.54 | 39.16 2.30 -16.34 | 37.79 2.17 -16.52 | 35.93 1.91 -15.65 | 40.79 2.44 -14.00 | 55.48 3.35 -19.55 | 54.45 2.95 -21.97 | 51.26 3.08 -17.23 | 77.15 4.27 -30.56 | 78.77 3.56 -39.33 | 82.50 2.65 -54.99 | 48.41 3.15 -16.08 | 39.29 2.37 -12.13 | 39.89 2.17 -13.40 | 50.31 1.92 -27.45 | 93.99 1.64 -75.23 | 146.63 3.10 -113.30 | 352.40 2.72 -324.15 | 117.18 2.26 -91.68 | 73.47 2.93 -40.90 | 39.50 2.85 -8.81 | 37.83 2.74 -5.25 | 57.93 2.76 -27.81 |
| SISSONVILLE___ 23735 | 28.06 -1.80 0.00 | 23.67 -1.54 0.00 | 19.22 -1.29 0.00 | 17.85 -1.25 0.00 | 17.21 -1.16 0.00 | 22.88 -1.47 0.00 | 30.79 -1.79 0.00 | 28.09 -1.44 0.00 | 29.59 -1.36 0.00 | 40.48 -1.84 0.00 | 34.07 -1.82 0.00 | 23.58 -1.28 0.00 | 27.71 -1.46 0.00 | 23.52 -1.27 0.00 | 23.16 -1.17 0.00 | 19.91 -1.02 0.00 | 16.34 -0.79 0.00 | 28.90 -1.33 0.00 | 24.41 -1.11 0.00 | 22.14 -1.10 0.00 | 28.14 -1.50 0.00 | 26.38 -1.47 0.00 | 28.41 -1.43 0.00 | 25.91 -1.46 0.00 |
| SITHE_IND_GS1 24169 | 30.43 -0.82 -1.39 | 26.09 -0.67 -1.56 | 21.01 -0.52 -1.02 | 19.67 -0.46 -1.03 | 18.91 -0.44 -0.98 | 24.60 -0.63 -0.87 | 32.89 -0.91 -1.22 | 29.99 -0.91 -1.37 | 31.03 -1.00 -1.08 | 41.07 -1.37 -0.12 | 35.18 -1.11 -0.40 | 25.50 -0.72 -1.37 | 28.80 -0.91 -0.54 | 24.81 -0.75 -0.76 | 24.42 -0.75 -0.85 | 22.02 -0.63 -1.72 | 17.68 -0.51 -1.06 | 29.43 -0.93 -0.12 | 25.04 -0.81 -0.34 | 23.42 -0.73 -0.91 | 28.70 -0.94 0.00 | 26.93 -0.92 0.00 | 28.85 -0.99 0.00 | 27.28 -0.78 -0.69 |

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| SITHE_IND_GS2 24170 | 30.43 -0.82 -1.39 | 26.09 -0.67 -1.56 | 21.01 -0.52 -1.02 | 19.67 -0.46 -1.03 | 18.91 -0.44 -0.98 | 24.60 -0.63 -0.87 | 32.89 -0.91 -1.22 | 29.99 -0.91 -1.37 | 31.03 -1.00 -1.08 | 41.07 -1.37 -0.12 | 35.18 -1.11 -0.40 | 25.50 -0.72 -1.37 | 28.80 -0.91 -0.54 | 24.81 -0.75 -0.76 | 24.42 -0.75 -0.85 | 22.02 -0.63 -1.72 | 17.68 -0.51 -1.06 | 29.43 -0.93 -0.12 | 25.04 -0.81 -0.34 | 23.42 -0.73 -0.91 | 28.70 -0.94 0.00 | 26.93 -0.92 0.00 | 28.85 -0.99 0.00 | 27.28 -0.78 -0.69 |
| SITHE_IND_GS3 24171 | 30.43 -0.82 -1.39 | 26.09 -0.67 -1.56 | 21.01 -0.52 -1.02 | 19.67 -0.46 -1.03 | 18.91 -0.44 -0.98 | 24.60 -0.63 -0.87 | 32.89 -0.91 -1.22 | 29.99 -0.91 -1.37 | 31.03 -1.00 -1.08 | 41.07 -1.37 -0.12 | 35.18 -1.11 -0.40 | 25.50 -0.72 -1.37 | 28.80 -0.91 -0.54 | 24.81 -0.75 -0.76 | 24.42 -0.75 -0.85 | 22.02 -0.63 -1.72 | 17.68 -0.51 -1.06 | 29.43 -0.93 -0.12 | 25.04 -0.81 -0.34 | 23.42 -0.73 -0.91 | 28.70 -0.94 0.00 | 26.93 -0.92 0.00 | 28.85 -0.99 0.00 | 27.28 -0.78 -0.69 |
| SITHE_IND_GS4 24172 | 30.43 -0.82 -1.39 | 26.09 -0.67 -1.56 | 21.01 -0.52 -1.02 | 19.67 -0.46 -1.03 | 18.91 -0.44 -0.98 | 24.60 -0.63 -0.87 | 32.89 -0.91 -1.22 | 29.99 -0.91 -1.37 | 31.03 -1.00 -1.08 | 41.07 -1.37 -0.12 | 35.18 -1.11 -0.40 | 25.50 -0.72 -1.37 | 28.80 -0.91 -0.54 | 24.81 -0.75 -0.76 | 24.42 -0.75 -0.85 | 22.02 -0.63 -1.72 | 17.68 -0.51 -1.06 | 29.43 -0.93 -0.12 | 25.04 -0.81 -0.34 | 23.42 -0.73 -0.91 | 28.70 -0.94 0.00 | 26.93 -0.92 0.00 | 28.85 -0.99 0.00 | 27.28 -0.78 -0.69 |
| SITHE___BATAVIA 24024 | 33.17 0.24 -3.06 | 28.57 -0.06 -3.43 | 22.67 -0.09 -2.24 | 21.47 0.11 -2.27 | 20.60 0.08 -2.15 | 26.59 0.32 -1.92 | 35.40 0.15 -2.66 | 32.41 -0.11 -2.99 | 32.32 -0.54 -1.90 | 42.10 -0.50 -0.28 | 36.60 -0.16 -0.87 | 27.37 -0.42 -2.94 | 29.72 -0.62 -1.17 | 25.89 -0.55 -1.64 | 25.48 -0.68 -1.83 | 23.97 -0.68 -3.72 | 20.29 -0.63 -3.79 | 32.10 -0.74 -2.60 | 27.47 -0.60 -2.55 | 26.41 -0.50 -3.67 | 31.66 -0.49 -2.52 | 28.33 -0.52 -1.01 | 29.79 -0.72 -0.67 | 28.17 -0.70 -1.50 |
| SITHE___INDEPEND 23800 | 30.43 -0.82 -1.39 | 26.09 -0.67 -1.56 | 21.01 -0.52 -1.02 | 19.67 -0.46 -1.03 | 18.91 -0.44 -0.98 | 24.60 -0.63 -0.87 | 32.89 -0.91 -1.22 | 29.99 -0.91 -1.37 | 31.03 -1.00 -1.08 | 41.07 -1.37 -0.12 | 35.18 -1.11 -0.40 | 25.50 -0.72 -1.37 | 28.80 -0.91 -0.54 | 24.81 -0.75 -0.76 | 24.42 -0.75 -0.85 | 22.02 -0.63 -1.72 | 17.68 -0.51 -1.06 | 29.43 -0.93 -0.12 | 25.04 -0.81 -0.34 | 23.42 -0.73 -0.91 | 28.70 -0.94 0.00 | 26.93 -0.92 0.00 | 28.85 -0.99 0.00 | 27.28 -0.78 -0.69 |
| SITHE___MASSENA 23902 | 28.72 -1.14 0.00 | 24.23 -0.97 0.00 | 19.68 -0.83 0.00 | 18.28 -0.81 0.00 | 17.61 -0.76 0.00 | 23.37 -0.98 0.00 | 31.38 -1.19 0.00 | 28.56 -0.98 0.00 | 30.04 -0.91 0.00 | 41.04 -1.28 0.00 | 34.68 -1.21 0.00 | 24.01 -0.85 0.00 | 28.24 -0.93 0.00 | 24.00 -0.80 0.00 | 23.62 -0.70 0.00 | 20.31 -0.62 0.00 | 16.62 -0.51 0.00 | 29.36 -0.88 0.00 | 24.78 -0.74 0.00 | 22.51 -0.73 0.00 | 28.63 -1.00 0.00 | 26.90 -0.95 0.00 | 28.99 -0.86 0.00 | 26.49 -0.88 0.00 |
| SITHE___OGDNSBRG 24021 | 28.76 -1.11 0.00 | 24.25 -0.95 0.00 | 19.69 -0.82 0.00 | 18.28 -0.81 0.00 | 17.62 -0.75 0.00 | 23.42 -0.92 0.00 | 31.54 -1.04 0.00 | 28.77 -0.77 0.00 | 30.30 -0.66 0.00 | 41.40 -0.92 0.00 | 34.88 -1.00 0.00 | 24.13 -0.73 0.00 | 28.38 -0.80 0.00 | 24.08 -0.71 0.00 | 23.70 -0.63 0.00 | 20.39 -0.54 0.00 | 16.73 -0.40 0.00 | 29.60 -0.64 0.00 | 25.01 -0.51 0.00 | 22.69 -0.54 0.00 | 28.85 -0.78 0.00 | 27.05 -0.80 0.00 | 29.12 -0.72 0.00 | 26.57 -0.80 0.00 |
| SITHE___STERLING 23777 | 32.06 0.91 -1.29 | 27.41 0.76 -1.45 | 22.08 0.61 -0.95 | 20.68 0.62 -0.96 | 19.88 0.60 -0.91 | 26.02 0.86 -0.81 | 34.94 1.22 -1.13 | 31.96 1.14 -1.28 | 33.14 1.17 -1.02 | 44.00 1.57 -0.12 | 37.44 1.18 -0.38 | 26.86 0.72 -1.28 | 30.45 0.76 -0.51 | 26.13 0.62 -0.72 | 25.72 0.60 -0.80 | 23.11 0.57 -1.61 | 18.66 0.54 -0.99 | 31.46 1.11 -0.11 | 26.76 0.92 -0.31 | 24.92 0.83 -0.85 | 30.68 1.05 0.00 | 28.76 0.91 0.00 | 30.72 0.87 0.00 | 28.78 0.76 -0.65 |
| SOUTH CAIRO___GT 23612 | 60.92 2.78 -28.28 | 59.21 2.34 -31.66 | 43.16 1.92 -20.73 | 41.90 1.85 -20.95 | 40.05 1.82 -19.85 | 44.47 2.37 -17.76 | 60.41 3.04 -24.79 | 60.16 2.77 -27.86 | 55.74 2.92 -21.86 | 48.90 3.86 -2.72 | 47.25 3.04 -8.33 | 54.84 1.85 -28.13 | 42.60 2.25 -11.17 | 42.12 1.95 -15.39 | 43.22 1.89 -17.01 | 56.95 1.70 -34.33 | 64.42 1.59 -45.69 | 68.80 2.92 -35.64 | 71.08 2.46 -43.10 | 69.24 2.24 -43.77 | 68.26 2.84 -35.78 | 44.79 2.65 -14.30 | 42.16 2.83 -9.49 | 43.67 2.47 -13.83 |
| SOUTH HAMPTN___IC 23720 | 55.80 3.64 -22.30 | 57.96 3.22 -29.54 | 39.48 2.63 -16.34 | 38.09 2.47 -16.52 | 36.24 2.21 -15.65 | 41.21 2.85 -14.00 | 56.09 3.96 -19.55 | 55.04 3.54 -21.97 | 51.88 3.70 -17.23 | 78.03 5.15 -30.56 | 79.51 4.29 -39.33 | 82.99 3.14 -54.99 | 48.98 3.72 -16.08 | 39.78 2.85 -12.13 | 40.37 2.64 -13.40 | 50.71 2.33 -27.45 | 94.34 1.98 -75.23 | 147.20 3.67 -113.30 | 352.80 3.13 -324.15 | 117.62 2.70 -91.68 | 74.05 3.51 -40.90 | 40.00 3.35 -8.81 | 38.37 3.28 -5.25 | 58.38 3.21 -27.81 |
| SOUTHOLD___IC 23719 | 56.29 4.13 -22.30 | 58.35 3.62 -29.54 | 39.80 2.94 -16.34 | 38.38 2.77 -16.52 | 36.54 2.51 -15.65 | 41.61 3.26 -14.00 | 56.66 4.54 -19.55 | 55.58 4.08 -21.97 | 52.47 4.28 -17.23 | 78.83 5.95 -30.56 | 80.20 4.98 -39.33 | 83.44 3.60 -54.99 | 49.53 4.28 -16.08 | 40.24 3.32 -12.13 | 40.79 3.07 -13.40 | 51.09 2.70 -27.45 | 94.67 2.31 -75.23 | 147.72 4.19 -113.30 | 353.12 3.45 -324.15 | 118.04 3.12 -91.68 | 74.59 4.06 -40.90 | 40.49 3.83 -8.81 | 38.87 3.78 -5.25 | 58.82 3.64 -27.81 |
| ST LAWRENCE___ 23600 | 28.71 -1.15 0.00 | 24.23 -0.97 0.00 | 19.68 -0.83 0.00 | 18.28 -0.82 0.00 | 17.61 -0.77 0.00 | 23.36 -0.99 0.00 | 31.34 -1.24 0.00 | 28.49 -1.04 0.00 | 29.92 -1.04 0.00 | 40.87 -1.45 0.00 | 34.56 -1.32 0.00 | 23.94 -0.91 0.00 | 28.17 -1.01 0.00 | 23.91 -0.88 0.00 | 23.51 -0.82 0.00 | 20.25 -0.68 0.00 | 16.56 -0.57 0.00 | 29.24 -0.99 0.00 | 24.69 -0.83 0.00 | 22.44 -0.80 0.00 | 28.56 -1.08 0.00 | 26.84 -1.01 0.00 | 28.82 -1.03 0.00 | 26.44 -0.92 0.00 |
| STATION 5_MISC_HYD 23604 | 32.49 -0.01 -2.63 | 27.97 -0.18 -2.95 | 22.27 -0.18 -1.93 | 21.01 -0.04 -1.95 | 20.17 -0.05 -1.85 | 26.05 0.05 -1.65 | 34.78 -0.05 -2.25 | 31.85 -0.21 -2.53 | 32.22 -0.51 -1.77 | 42.00 -0.56 -0.24 | 36.39 -0.24 -0.74 | 27.03 -0.32 -2.50 | 29.67 -0.49 -0.99 | 25.77 -0.42 -1.40 | 25.36 -0.52 -1.56 | 23.64 -0.51 -3.21 | 20.06 -0.50 -3.43 | 31.74 -0.67 -2.18 | 27.72 -0.58 -2.77 | 25.98 -0.47 -3.21 | 31.22 -0.52 -2.11 | 28.15 -0.55 -0.84 | 29.68 -0.73 -0.56 | 28.04 -0.62 -1.30 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 32.82 0.32 -2.64 | 28.30 0.15 -2.95 | 22.54 0.09 -1.93 | 21.25 0.20 -1.95 | 20.42 0.19 -1.85 | 26.36 0.36 -1.66 | 35.29 0.42 -2.28 | 32.36 0.26 -2.57 | 33.06 0.08 -2.03 | 42.74 0.18 -0.24 | 36.96 0.33 -0.75 | 27.54 0.14 -2.55 | 30.17 -0.01 -1.01 | 26.19 -0.03 -1.43 | 25.78 -0.13 -1.59 | 24.06 -0.12 -3.24 | 20.49 -0.10 -3.46 | 32.44 -0.01 -2.21 | 28.31 -0.02 -2.81 | 26.51 0.02 -3.25 | 31.84 0.07 -2.14 | 28.68 -0.03 -0.85 | 30.23 -0.18 -0.57 | 28.53 -0.14 -1.31 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 32.32 -0.15 -2.61 | 27.84 -0.29 -2.93 | 22.16 -0.26 -1.91 | 20.91 -0.12 -1.94 | 20.07 -0.13 -1.83 | 25.92 -0.07 -1.64 | 34.62 -0.20 -2.24 | 31.71 -0.34 -2.52 | 32.14 -0.61 -1.80 | 41.85 -0.70 -0.23 | 36.25 -0.37 -0.74 | 26.94 -0.40 -2.49 | 29.58 -0.58 -0.99 | 25.69 -0.49 -1.39 | 25.29 -0.58 -1.55 | 23.56 -0.56 -3.19 | 20.01 -0.52 -3.40 | 31.66 -0.74 -2.16 | 27.64 -0.63 -2.75 | 25.89 -0.53 -3.19 | 31.12 -0.61 -2.09 | 28.05 -0.64 -0.83 | 29.58 -0.82 -0.55 | 27.95 -0.71 -1.29 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| STEEL___WIND 323596 | 33.44 -0.03 -3.61 | 28.95 -0.29 -4.04 | 22.86 -0.30 -2.64 | 21.72 -0.05 -2.67 | 20.83 -0.07 -2.53 | 26.68 0.06 -2.27 | 35.49 -0.28 -3.18 | 32.59 -0.52 -3.58 | 32.06 -1.01 -2.12 | 41.63 -1.02 -0.33 | 36.44 -0.48 -1.04 | 27.76 -0.60 -3.50 | 29.76 -0.80 -1.39 | 26.06 -0.69 -1.96 | 25.70 -0.80 -2.17 | 24.49 -0.80 -4.36 | 20.63 -0.85 -4.35 | 32.18 -1.18 -3.13 | 27.11 -0.96 -2.55 | 26.71 -0.83 -4.30 | 31.86 -0.83 -3.05 | 28.22 -0.85 -1.22 | 29.58 -1.08 -0.81 | 28.11 -1.01 -1.76 |
| STEUBEN_REC_LFGE 323667 | 35.64 1.13 -4.64 | 31.08 0.68 -5.20 | 24.44 0.52 -3.41 | 23.19 0.65 -3.44 | 22.26 0.62 -3.26 | 28.22 0.96 -2.92 | 37.84 1.06 -4.20 | 34.99 0.72 -4.74 | 37.41 0.67 -5.79 | 44.01 1.24 -0.45 | 38.67 1.38 -1.41 | 30.56 0.93 -4.77 | 31.99 0.93 -1.89 | 28.23 0.76 -2.67 | 27.95 0.66 -2.97 | 27.35 0.58 -5.83 | 24.95 0.44 -7.38 | 35.70 1.07 -4.39 | 34.88 1.02 -8.34 | 30.75 0.97 -6.54 | 35.23 1.30 -4.29 | 30.61 1.05 -1.71 | 31.88 0.90 -1.14 | 30.42 0.71 -2.34 |
| STONY___BROOK 24151 | 55.49 3.33 -22.30 | 57.64 2.90 -29.54 | 39.25 2.39 -16.34 | 37.86 2.24 -16.52 | 36.05 2.03 -15.65 | 40.95 2.60 -14.00 | 55.82 3.69 -19.55 | 54.89 3.39 -21.97 | 51.73 3.54 -17.23 | 77.80 4.92 -30.56 | 79.35 4.14 -39.33 | 82.83 2.98 -54.99 | 48.72 3.47 -16.08 | 39.65 2.73 -12.13 | 40.30 2.57 -13.40 | 50.63 2.24 -27.45 | 94.27 1.91 -75.23 | 147.09 3.56 -113.30 | 352.70 3.03 -324.15 | 117.54 2.63 -91.68 | 73.93 3.40 -40.90 | 39.83 3.17 -8.81 | 38.28 3.19 -5.25 | 58.22 3.05 -27.81 |
| STURGEON_POOL_HYD 23609 | 55.60 2.22 -23.52 | 53.35 1.81 -26.33 | 39.22 1.47 -17.24 | 37.86 1.34 -17.42 | 36.12 1.24 -16.51 | 40.84 1.72 -14.77 | 55.62 2.42 -20.62 | 54.98 2.29 -23.16 | 51.51 2.44 -18.12 | 47.94 3.38 -2.23 | 45.68 2.87 -6.93 | 50.24 1.99 -23.40 | 40.68 2.21 -9.29 | 39.44 1.89 -12.75 | 40.30 1.89 -14.08 | 50.91 1.56 -28.41 | 51.90 1.30 -33.47 | 56.17 2.33 -23.61 | 56.74 1.99 -29.24 | 56.77 1.83 -31.71 | 55.31 2.38 -23.28 | 39.41 2.26 -9.30 | 38.46 2.44 -6.18 | 40.74 1.92 -11.45 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 52.40 2.15 -20.39 | 49.80 1.77 -22.83 | 36.90 1.44 -14.95 | 35.54 1.34 -15.11 | 33.95 1.27 -14.31 | 38.86 1.71 -12.80 | 52.82 2.36 -17.88 | 51.82 2.20 -20.09 | 49.00 2.30 -15.75 | 47.38 3.14 -1.93 | 44.59 2.70 -6.01 | 47.01 1.86 -20.29 | 39.34 2.11 -8.06 | 37.68 1.80 -11.08 | 38.35 1.78 -12.24 | 47.12 1.48 -24.71 | 45.98 1.23 -27.61 | 50.93 2.19 -18.51 | 50.59 1.86 -23.21 | 50.98 1.73 -26.02 | 49.96 2.24 -18.07 | 37.21 2.14 -7.22 | 36.94 2.30 -4.79 | 39.17 1.84 -9.96 |
| SYNERGY___BIOGAS 323694 | 33.17 0.24 -3.06 | 28.57 -0.06 -3.43 | 22.67 -0.09 -2.24 | 21.47 0.11 -2.27 | 20.60 0.08 -2.15 | 26.59 0.32 -1.92 | 35.40 0.15 -2.66 | 32.41 -0.11 -2.99 | 32.32 -0.54 -1.90 | 42.10 -0.50 -0.28 | 36.60 -0.16 -0.87 | 27.37 -0.42 -2.94 | 29.72 -0.62 -1.17 | 25.89 -0.55 -1.64 | 25.48 -0.68 -1.83 | 23.97 -0.68 -3.72 | 20.29 -0.63 -3.79 | 32.10 -0.74 -2.60 | 27.47 -0.60 -2.55 | 26.41 -0.50 -3.67 | 31.66 -0.49 -2.52 | 28.33 -0.52 -1.01 | 29.79 -0.72 -0.67 | 28.17 -0.70 -1.50 |
| SYRACUSE___ENERGY_ST1 323597 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| SYRACUSE___ENERGY_ST2 323598 | 32.10 0.03 -2.21 | 27.72 0.04 -2.48 | 22.17 0.03 -1.62 | 20.81 0.07 -1.64 | 20.00 0.07 -1.55 | 25.84 0.10 -1.39 | 34.62 0.11 -1.94 | 31.75 0.03 -2.18 | 32.65 -0.03 -1.73 | 42.48 -0.03 -0.20 | 36.56 0.03 -0.64 | 27.09 0.06 -2.18 | 29.99 -0.05 -0.87 | 25.97 -0.04 -1.22 | 25.62 -0.07 -1.36 | 23.65 -0.03 -2.74 | 18.83 0.02 -1.69 | 30.47 0.05 -0.19 | 26.05 0.00 -0.54 | 24.71 0.01 -1.45 | 29.65 0.01 0.00 | 27.79 -0.06 0.00 | 29.72 -0.12 0.00 | 28.44 -0.04 -1.10 |
| SYRACUSE___POWER 24017 | 32.26 0.09 -2.30 | 27.86 0.08 -2.58 | 22.28 0.07 -1.69 | 20.92 0.11 -1.71 | 20.10 0.11 -1.62 | 25.94 0.15 -1.45 | 34.78 0.17 -2.02 | 31.91 0.10 -2.28 | 32.82 0.06 -1.81 | 42.63 0.11 -0.21 | 36.69 0.14 -0.68 | 27.24 0.11 -2.28 | 30.11 0.04 -0.91 | 26.10 0.03 -1.28 | 25.75 0.00 -1.42 | 23.83 0.04 -2.87 | 18.93 0.04 -1.76 | 30.54 0.11 -0.19 | 26.16 0.08 -0.56 | 24.84 0.09 -1.52 | 29.74 0.10 0.00 | 27.87 0.02 0.00 | 29.81 -0.03 0.00 | 28.55 0.03 -1.15 |
| TRIGEN___CC 323695 | 55.11 2.95 -22.30 | 57.25 2.51 -29.54 | 38.93 2.07 -16.34 | 37.54 1.92 -16.52 | 35.80 1.78 -15.65 | 40.69 2.33 -14.00 | 55.43 3.30 -19.55 | 54.58 3.08 -21.97 | 51.40 3.22 -17.23 | 77.35 4.47 -30.56 | 79.06 3.84 -39.33 | 82.54 2.70 -54.99 | 48.36 3.11 -16.08 | 39.46 2.54 -12.13 | 40.18 2.46 -13.40 | 50.47 2.09 -27.45 | 94.08 1.72 -75.23 | 146.63 3.10 -113.30 | 352.32 2.64 -324.15 | 117.32 2.40 -91.68 | 73.64 3.10 -40.90 | 39.57 2.91 -8.81 | 38.08 2.99 -5.25 | 57.85 2.67 -27.81 |
| UNION___PROCESSING_DRP 323587 | 32.46 -0.05 -2.65 | 27.95 -0.21 -2.96 | 22.25 -0.20 -1.94 | 21.00 -0.06 -1.96 | 20.16 -0.07 -1.86 | 26.03 0.02 -1.66 | 34.75 -0.09 -2.26 | 31.82 -0.25 -2.54 | 32.20 -0.54 -1.78 | 41.94 -0.61 -0.24 | 36.34 -0.29 -0.74 | 27.00 -0.36 -2.51 | 29.64 -0.53 -1.00 | 25.74 -0.46 -1.40 | 25.34 -0.55 -1.56 | 23.62 -0.54 -3.23 | 20.06 -0.52 -3.45 | 31.71 -0.72 -2.20 | 27.69 -0.62 -2.79 | 25.96 -0.51 -3.23 | 31.19 -0.57 -2.12 | 28.11 -0.59 -0.85 | 29.64 -0.77 -0.56 | 28.02 -0.66 -1.31 |
| UPPER HUDSON___HYD 24058 | 65.07 2.66 -32.55 | 63.86 2.21 -36.45 | 46.14 1.77 -23.86 | 44.89 1.67 -24.11 | 42.82 1.60 -22.84 | 47.09 2.30 -20.44 | 64.32 3.20 -28.53 | 64.54 2.94 -32.07 | 59.29 3.13 -25.20 | 49.88 4.31 -3.25 | 49.11 3.65 -9.59 | 59.73 2.50 -32.38 | 44.94 2.91 -12.86 | 45.00 2.47 -17.74 | 46.39 2.44 -19.62 | 62.65 2.12 -39.59 | 90.92 1.77 -72.02 | 100.71 3.19 -67.28 | 106.51 2.69 -78.30 | 96.23 2.43 -70.57 | 102.07 3.06 -69.37 | 58.32 2.75 -27.72 | 51.12 2.87 -18.40 | 45.82 2.49 -15.96 |
| UPPER RAQUET___HYD 24056 | 28.06 -1.80 0.00 | 23.67 -1.54 0.00 | 19.22 -1.29 0.00 | 17.85 -1.25 0.00 | 17.21 -1.16 0.00 | 22.88 -1.47 0.00 | 30.79 -1.79 0.00 | 28.09 -1.44 0.00 | 29.59 -1.36 0.00 | 40.48 -1.84 0.00 | 34.07 -1.82 0.00 | 23.58 -1.28 0.00 | 27.71 -1.46 0.00 | 23.52 -1.27 0.00 | 23.16 -1.17 0.00 | 19.91 -1.02 0.00 | 16.34 -0.79 0.00 | 28.90 -1.33 0.00 | 24.41 -1.11 0.00 | 22.14 -1.10 0.00 | 28.14 -1.50 0.00 | 26.38 -1.47 0.00 | 28.41 -1.43 0.00 | 25.91 -1.46 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 39.90 1.70 -8.34 | 35.95 1.41 -9.34 | 27.76 1.14 -6.11 | 26.37 1.09 -6.18 | 25.27 1.04 -5.86 | 31.02 1.43 -5.24 | 41.88 1.97 -7.32 | 39.61 1.79 -8.28 | 39.79 1.96 -6.88 | 45.85 2.69 -0.85 | 40.69 2.27 -2.53 | 34.97 1.56 -8.56 | 34.34 1.77 -3.40 | 31.09 1.45 -4.85 | 31.14 1.40 -5.41 | 33.06 1.22 -10.91 | 36.18 1.05 -18.00 | 48.13 1.86 -16.04 | 45.93 1.57 -18.85 | 42.21 1.44 -17.53 | 47.92 1.85 -16.43 | 36.14 1.72 -6.56 | 36.00 1.80 -4.36 | 33.29 1.53 -4.40 |
| VISCHER___FERRY HYD 24020 | 63.43 2.02 -31.55 | 62.23 1.71 -35.33 | 45.02 1.38 -23.12 | 43.78 1.31 -23.37 | 41.76 1.24 -22.14 | 45.80 1.64 -19.81 | 62.40 2.16 -27.65 | 62.59 1.97 -31.08 | 57.46 2.09 -24.42 | 48.32 2.88 -3.12 | 47.65 2.47 -9.29 | 57.94 1.70 -31.39 | 43.65 2.02 -12.46 | 43.72 1.73 -17.19 | 45.02 1.69 -19.01 | 60.71 1.41 -38.37 | 83.37 1.14 -65.10 | 91.08 2.00 -58.84 | 96.15 1.70 -68.93 | 88.30 1.56 -63.51 | 92.06 2.03 -60.39 | 53.90 1.91 -24.13 | 47.93 2.06 -16.02 | 44.60 1.77 -15.46 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| V_CMM_10_SYNC_DSASP 323787 | 28.85 -1.01 0.00 | 24.34 -0.87 0.00 | 19.78 -0.73 0.00 | 18.37 -0.73 0.00 | 17.69 -0.69 0.00 | 23.46 -0.88 0.00 | 31.50 -1.09 0.00 | 28.64 -0.90 0.00 | 30.07 -0.88 0.00 | 41.07 -1.26 0.00 | 34.73 -1.15 0.00 | 24.06 -0.80 0.00 | 28.29 -0.88 0.00 | 24.03 -0.77 0.00 | 23.62 -0.70 0.00 | 20.35 -0.59 0.00 | 16.64 -0.49 0.00 | 29.38 -0.86 0.00 | 24.81 -0.71 0.00 | 22.54 -0.69 0.00 | 28.69 -0.95 0.00 | 26.96 -0.89 0.00 | 28.95 -0.89 0.00 | 26.57 -0.80 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 29.90 0.04 0.00 | 25.21 0.00 0.00 | 20.44 -0.08 0.00 | 19.03 -0.07 0.00 | 18.32 -0.05 0.00 | 24.42 0.07 0.00 | 32.91 0.33 0.00 | 30.31 0.78 0.00 | 31.90 0.95 0.00 | 43.68 1.36 0.00 | 37.03 1.15 0.00 | 25.70 0.84 0.00 | 30.14 0.97 0.00 | 25.44 0.65 0.00 | 24.95 0.63 0.00 | 21.45 0.52 0.00 | 17.53 0.39 0.00 | 31.13 0.90 0.00 | 26.32 0.80 0.00 | 23.84 0.61 0.00 | 30.37 0.73 0.00 | 28.35 0.49 0.00 | 30.18 0.33 0.00 | 27.70 0.33 0.00 |
| V_E_10_SYNC_DSASP 323830 | 39.24 3.07 -6.31 | 34.81 2.55 -7.07 | 27.19 2.05 -4.62 | 25.79 2.02 -4.68 | 24.77 1.96 -4.43 | 31.04 2.73 -3.96 | 42.03 3.90 -5.55 | 39.56 3.69 -6.33 | 40.34 3.69 -5.70 | 47.73 4.79 -0.62 | 41.49 3.72 -1.88 | 33.63 2.42 -6.35 | 34.13 2.44 -2.52 | 30.73 2.03 -3.91 | 30.68 1.90 -4.46 | 31.79 1.88 -8.98 | 30.53 1.75 -11.64 | 42.48 3.43 -8.82 | 39.32 2.86 -10.94 | 36.99 2.66 -11.09 | 41.86 3.40 -8.82 | 34.45 3.08 -3.52 | 35.31 3.13 -2.34 | 33.68 2.69 -3.62 |
| V_F_30_NSYNC_DSASP 323816 | 64.72 2.44 -32.41 | 63.54 2.05 -36.29 | 45.93 1.66 -23.75 | 44.67 1.56 -24.01 | 42.61 1.49 -22.75 | 46.74 2.04 -20.35 | 63.76 2.77 -28.41 | 64.00 2.54 -31.93 | 58.72 2.67 -25.10 | 49.21 3.66 -3.23 | 48.54 3.12 -9.54 | 59.23 2.13 -32.24 | 44.47 2.50 -12.80 | 44.59 2.14 -17.66 | 45.96 2.10 -19.53 | 62.17 1.81 -39.42 | 89.78 1.50 -71.16 | 99.15 2.68 -66.24 | 104.93 2.26 -77.14 | 94.98 2.05 -69.69 | 100.53 2.62 -68.27 | 57.54 2.41 -27.27 | 50.50 2.54 -18.11 | 45.45 2.19 -15.89 |
| V_F_30_SYNC_DSASP 323786 | 62.56 1.51 -31.18 | 61.39 1.27 -34.92 | 44.44 1.08 -22.86 | 43.24 1.04 -23.10 | 41.31 1.05 -21.89 | 45.22 1.29 -19.58 | 61.52 1.60 -27.33 | 61.72 1.46 -30.73 | 56.65 1.55 -24.14 | 47.54 2.17 -3.05 | 46.99 1.92 -9.18 | 57.13 1.25 -31.02 | 43.10 1.61 -12.32 | 43.16 1.37 -16.99 | 44.42 1.30 -18.79 | 59.94 1.08 -37.92 | 77.02 0.88 -59.01 | 82.70 1.53 -50.93 | 87.05 1.29 -60.24 | 81.65 1.19 -57.23 | 83.11 1.54 -51.94 | 50.09 1.49 -20.75 | 45.26 1.64 -13.78 | 44.03 1.38 -15.28 |
| V_XM_10_SYNC_DSASP 323789 | 29.90 0.04 0.00 | 25.21 0.00 0.00 | 20.44 -0.08 0.00 | 19.03 -0.07 0.00 | 18.32 -0.05 0.00 | 24.42 0.07 0.00 | 32.91 0.33 0.00 | 30.31 0.78 0.00 | 31.90 0.95 0.00 | 43.68 1.36 0.00 | 37.03 1.15 0.00 | 25.70 0.84 0.00 | 30.14 0.97 0.00 | 25.44 0.65 0.00 | 24.95 0.63 0.00 | 21.45 0.52 0.00 | 17.53 0.39 0.00 | 31.13 0.90 0.00 | 26.32 0.80 0.00 | 23.84 0.61 0.00 | 30.37 0.73 0.00 | 28.35 0.49 0.00 | 30.18 0.33 0.00 | 27.70 0.33 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 53.60 2.45 -21.29 | 51.08 2.03 -23.84 | 37.78 1.66 -15.61 | 36.40 1.53 -15.78 | 34.77 1.45 -14.94 | 39.67 1.95 -13.37 | 53.95 2.70 -18.67 | 53.03 2.53 -20.98 | 50.02 2.62 -16.45 | 47.94 3.61 -2.01 | 45.28 3.12 -6.27 | 48.21 2.16 -21.19 | 40.04 2.46 -8.41 | 38.45 2.08 -11.58 | 39.17 2.06 -12.79 | 48.46 1.71 -25.82 | 47.38 1.41 -28.85 | 52.06 2.50 -19.33 | 51.88 2.12 -24.25 | 52.38 1.96 -27.18 | 51.08 2.56 -18.88 | 37.84 2.45 -7.54 | 37.47 2.62 -5.01 | 39.88 2.11 -10.40 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 54.69 2.54 -22.29 | 52.28 2.12 -24.96 | 38.61 1.76 -16.33 | 37.24 1.63 -16.51 | 35.56 1.54 -15.64 | 40.44 2.09 -13.99 | 55.06 2.94 -19.54 | 54.25 2.76 -21.96 | 51.07 2.89 -17.22 | 48.44 4.01 -2.11 | 45.93 3.48 -6.57 | 49.43 2.39 -22.18 | 40.71 2.74 -8.81 | 39.24 2.33 -12.12 | 40.01 2.29 -13.39 | 49.84 1.88 -27.03 | 48.85 1.52 -30.20 | 53.16 2.68 -20.24 | 53.16 2.26 -25.39 | 53.77 2.08 -28.46 | 52.10 2.70 -19.76 | 38.35 2.60 -7.90 | 37.89 2.80 -5.24 | 40.51 2.25 -10.89 |
| WADING RIVER_IC_1 23522 | 55.28 3.12 -22.30 | 57.55 2.81 -29.54 | 39.14 2.29 -16.34 | 37.78 2.16 -16.52 | 35.92 1.90 -15.65 | 40.77 2.42 -14.00 | 55.46 3.33 -19.55 | 54.42 2.92 -21.97 | 51.23 3.05 -17.23 | 77.10 4.22 -30.56 | 78.74 3.52 -39.33 | 82.48 2.63 -54.99 | 48.37 3.12 -16.08 | 39.28 2.36 -12.13 | 39.88 2.16 -13.40 | 50.29 1.91 -27.45 | 93.98 1.62 -75.23 | 146.59 3.06 -113.30 | 352.37 2.70 -324.15 | 117.15 2.23 -91.68 | 73.43 2.90 -40.90 | 39.48 2.82 -8.81 | 37.79 2.70 -5.25 | 57.91 2.74 -27.81 |
| WADING RIVER_IC_2 23547 | 55.28 3.12 -22.30 | 57.55 2.81 -29.54 | 39.14 2.29 -16.34 | 37.78 2.16 -16.52 | 35.92 1.90 -15.65 | 40.77 2.42 -14.00 | 55.46 3.33 -19.55 | 54.42 2.92 -21.97 | 51.23 3.05 -17.23 | 77.10 4.22 -30.56 | 78.74 3.52 -39.33 | 82.48 2.63 -54.99 | 48.37 3.12 -16.08 | 39.28 2.36 -12.13 | 39.88 2.16 -13.40 | 50.29 1.91 -27.45 | 93.98 1.62 -75.23 | 146.59 3.06 -113.30 | 352.37 2.70 -324.15 | 117.15 2.23 -91.68 | 73.43 2.90 -40.90 | 39.48 2.82 -8.81 | 37.79 2.70 -5.25 | 57.91 2.74 -27.81 |
| WADING RIVER_IC_3 23601 | 55.28 3.12 -22.30 | 57.55 2.81 -29.54 | 39.14 2.29 -16.34 | 37.78 2.16 -16.52 | 35.92 1.90 -15.65 | 40.77 2.42 -14.00 | 55.46 3.33 -19.55 | 54.42 2.92 -21.97 | 51.23 3.05 -17.23 | 77.10 4.22 -30.56 | 78.74 3.52 -39.33 | 82.48 2.63 -54.99 | 48.37 3.12 -16.08 | 39.28 2.36 -12.13 | 39.88 2.16 -13.40 | 50.29 1.91 -27.45 | 93.98 1.62 -75.23 | 146.59 3.06 -113.30 | 352.37 2.70 -324.15 | 117.15 2.23 -91.68 | 73.43 2.90 -40.90 | 39.48 2.82 -8.81 | 37.79 2.70 -5.25 | 57.91 2.74 -27.81 |
| WALDEN__HYDRO 24148 | 53.93 2.49 -21.58 | 51.42 2.05 -24.17 | 38.00 1.67 -15.82 | 36.64 1.55 -15.99 | 34.98 1.46 -15.15 | 39.88 1.98 -13.55 | 54.25 2.74 -18.92 | 53.36 2.57 -21.26 | 50.31 2.70 -16.66 | 47.96 3.60 -2.04 | 45.25 3.01 -6.36 | 48.37 2.04 -21.48 | 40.00 2.30 -8.53 | 38.47 1.95 -11.73 | 39.22 1.93 -12.96 | 48.73 1.65 -26.15 | 47.93 1.45 -29.35 | 52.61 2.62 -19.75 | 52.51 2.23 -24.75 | 52.96 2.06 -27.66 | 51.62 2.67 -19.31 | 38.08 2.51 -7.72 | 37.66 2.69 -5.12 | 40.07 2.16 -10.54 |
| WARRENSBURG____ 23737 | 65.07 2.66 -32.55 | 63.86 2.21 -36.45 | 46.14 1.77 -23.86 | 44.89 1.67 -24.11 | 42.82 1.60 -22.84 | 47.09 2.30 -20.44 | 64.32 3.20 -28.53 | 64.54 2.94 -32.07 | 59.29 3.13 -25.20 | 49.88 4.31 -3.25 | 49.11 3.65 -9.59 | 59.73 2.50 -32.38 | 44.94 2.91 -12.86 | 45.00 2.47 -17.74 | 46.39 2.44 -19.62 | 62.65 2.12 -39.59 | 90.92 1.77 -72.02 | 100.71 3.19 -67.28 | 106.51 2.69 -78.30 | 96.23 2.43 -70.57 | 102.07 3.06 -69.37 | 58.32 2.75 -27.72 | 51.12 2.87 -18.40 | 45.82 2.49 -15.96 |
| WATERSIDE____6 8 9 23538 | 54.65 2.49 -22.29 | 52.24 2.07 -24.96 | 38.58 1.73 -16.34 | 37.21 1.59 -16.52 | 35.54 1.52 -15.65 | 40.37 2.02 -14.00 | 54.94 2.81 -19.54 | 54.16 2.66 -21.96 | 51.06 2.87 -17.23 | 48.52 4.10 -2.11 | 46.03 3.58 -6.57 | 49.50 2.46 -22.18 | 40.79 2.81 -8.81 | 39.32 2.40 -12.12 | 40.07 2.35 -13.40 | 49.86 1.89 -27.04 | 48.89 1.55 -30.21 | 53.21 2.73 -20.24 | 53.23 2.31 -25.39 | 53.82 2.12 -28.47 | 52.16 2.76 -19.77 | 38.44 2.69 -7.90 | 37.99 2.90 -5.24 | 40.58 2.32 -10.90 |
| WDELAWARE__HYD 323627 | 51.77 2.27 -19.64 | 49.06 1.86 -21.99 | 36.42 1.51 -14.39 | 35.04 1.39 -14.55 | 33.47 1.31 -13.78 | 38.49 1.81 -12.33 | 52.36 2.56 -17.22 | 51.27 2.43 -19.31 | 48.44 2.59 -14.89 | 47.52 3.34 -1.86 | 44.38 2.71 -5.79 | 46.23 1.83 -19.55 | 38.95 2.02 -7.76 | 37.02 1.75 -10.48 | 37.62 1.78 -11.51 | 45.72 1.56 -23.23 | 45.36 1.43 -26.80 | 51.34 2.56 -18.54 | 50.76 2.17 -23.08 | 50.57 1.99 -25.34 | 50.45 2.59 -18.22 | 37.56 2.42 -7.28 | 37.25 2.57 -4.84 | 38.77 2.04 -9.36 |

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| WEST BABYLON___IC 23714 | 55.58 3.42 -22.30 | 57.69 2.95 -29.54 | 39.33 2.48 -16.34 | 37.93 2.31 -16.52 | 36.14 2.12 -15.65 | 41.10 2.75 -14.00 | 56.06 3.93 -19.55 | 55.14 3.63 -21.97 | 51.99 3.80 -17.23 | 78.09 5.21 -30.56 | 79.59 4.38 -39.33 | 82.92 3.07 -54.99 | 48.81 3.55 -16.08 | 39.75 2.83 -12.13 | 40.43 2.70 -13.40 | 50.71 2.33 -27.45 | 94.32 1.96 -75.23 | 147.18 3.65 -113.30 | 352.76 3.08 -324.15 | 117.64 2.72 -91.68 | 74.05 3.51 -40.90 | 39.91 3.25 -8.81 | 38.41 3.32 -5.25 | 58.31 3.14 -27.81 |
| WEST CANADA___HYD 24049 | 30.07 0.21 0.00 | 25.38 0.18 0.00 | 20.66 0.14 0.00 | 19.25 0.15 0.00 | 18.52 0.14 0.00 | 24.52 0.17 0.00 | 32.78 0.20 0.00 | 29.71 0.18 0.00 | 31.13 0.17 0.00 | 42.56 0.24 0.00 | 36.09 0.21 0.00 | 25.00 0.14 0.00 | 29.32 0.15 0.00 | 24.92 0.13 0.00 | 24.45 0.13 0.00 | 21.04 0.10 0.00 | 17.22 0.09 0.00 | 30.39 0.16 0.00 | 25.65 0.13 0.00 | 23.35 0.12 0.00 | 29.80 0.17 0.00 | 28.02 0.17 0.00 | 30.02 0.18 0.00 | 27.53 0.16 0.00 |
| WESTERN_NY_WIND 24143 | 33.16 0.20 -3.10 | 28.58 -0.10 -3.47 | 22.66 -0.13 -2.27 | 21.47 0.08 -2.30 | 20.60 0.05 -2.18 | 26.58 0.28 -1.95 | 35.38 0.09 -2.70 | 32.40 -0.17 -3.04 | 32.26 -0.61 -1.92 | 42.02 -0.58 -0.28 | 36.54 -0.22 -0.88 | 27.37 -0.47 -2.98 | 29.68 -0.68 -1.18 | 25.87 -0.59 -1.66 | 25.45 -0.72 -1.85 | 23.97 -0.72 -3.77 | 20.29 -0.67 -3.83 | 32.07 -0.80 -2.64 | 27.40 -0.65 -2.54 | 26.40 -0.55 -3.72 | 31.64 -0.56 -2.56 | 28.29 -0.58 -1.02 | 29.74 -0.78 -0.68 | 28.13 -0.75 -1.52 |
| WESTOVER___LESR 323668 | 37.27 0.68 -6.73 | 33.26 0.51 -7.54 | 25.86 0.42 -4.94 | 24.58 0.50 -4.99 | 23.54 0.44 -4.73 | 29.20 0.63 -4.23 | 39.36 0.85 -5.93 | 36.94 0.73 -6.68 | 37.10 0.70 -5.45 | 44.00 1.04 -0.63 | 38.79 0.93 -1.97 | 32.14 0.62 -6.66 | 32.50 0.68 -2.65 | 29.11 0.57 -3.74 | 29.04 0.55 -4.17 | 29.79 0.48 -8.37 | 27.06 0.34 -9.59 | 37.52 0.70 -6.58 | 34.34 0.62 -8.21 | 32.89 0.60 -9.06 | 36.89 0.80 -6.46 | 31.09 0.66 -2.58 | 32.20 0.64 -1.71 | 31.27 0.52 -3.38 |
| WETHRSFD_WT_PWR 323626 | 33.86 -0.01 -4.00 | 29.47 -0.22 -4.48 | 23.15 -0.29 -2.94 | 22.05 -0.02 -2.97 | 21.18 0.00 -2.81 | 26.99 0.12 -2.52 | 35.90 -0.28 -3.60 | 33.09 -0.49 -4.05 | 31.24 -0.82 -1.11 | 41.98 -0.72 -0.38 | 36.85 -0.23 -1.19 | 28.56 -0.32 -4.03 | 30.31 -0.47 -1.60 | 26.62 -0.43 -2.25 | 26.33 -0.49 -2.50 | 25.40 -0.47 -4.94 | 20.70 -0.52 -4.09 | 33.20 -0.65 -3.61 | 25.09 -0.50 -0.08 | 27.34 -0.41 -4.51 | 32.78 -0.38 -3.52 | 28.81 -0.45 -1.41 | 30.09 -0.69 -0.93 | 28.65 -0.70 -1.99 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 53.52 2.33 -21.32 | 51.02 1.93 -23.88 | 37.72 1.58 -15.63 | 36.36 1.46 -15.80 | 34.73 1.38 -14.97 | 39.59 1.85 -13.39 | 53.84 2.56 -18.70 | 52.94 2.39 -21.01 | 49.92 2.49 -16.47 | 47.74 3.41 -2.02 | 45.13 2.96 -6.28 | 48.14 2.06 -21.22 | 39.92 2.32 -8.42 | 38.37 1.98 -11.59 | 39.09 1.96 -12.81 | 48.40 1.61 -25.86 | 47.35 1.32 -28.89 | 51.94 2.35 -19.36 | 51.80 1.99 -24.28 | 52.31 1.85 -27.22 | 50.96 2.42 -18.91 | 37.72 2.32 -7.55 | 37.34 2.48 -5.02 | 39.78 1.99 -10.42 |
| YORK___WARBASSE 23770 | 54.71 2.55 -22.29 | 52.31 2.15 -24.96 | 38.62 1.77 -16.34 | 37.23 1.61 -16.52 | 35.55 1.53 -15.65 | 40.38 2.03 -14.00 | 54.96 2.84 -19.54 | 54.18 2.68 -21.96 | 51.10 2.93 -17.23 | 48.55 4.13 -2.11 | 46.05 3.59 -6.57 | 49.51 2.47 -22.18 | 40.81 2.83 -8.81 | 39.33 2.41 -12.12 | 40.08 2.35 -13.40 | 49.88 1.91 -27.04 | 48.91 1.57 -30.21 | 53.27 2.79 -20.24 | 53.29 2.37 -25.39 | 53.89 2.19 -28.47 | 52.26 2.86 -19.77 | 38.52 2.77 -7.90 | 38.02 2.93 -5.24 | 40.61 2.35 -10.90 |