

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/01/2017

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 21.70 | 18.24 | 18.41 | 15.97 | 16.80 | 23.18 | 28.41 | 31.19 | 34.37 | 39.76 | 39.76 | 40.82 | 40.95 | 42.34 | 41.30 | 41.95 | 44.04 | 44.49 | 41.18 | 42.97 | 44.70 | 34.90 | 31.17 | 28.15 |
| 24138 | 1.42 | 1.04 | 0.98 | 0.78 | 1.05 | 0.67 | 0.48 | 1.25 | 1.19 | 1.13 | 1.05 | 1.10 | 1.08 | 1.00 | 1.08 | 0.98 | 1.21 | 1.20 | 0.33 | 0.33 | 0.81 | 0.31 | 0.51 | 0.67 |
| | -8.61 | -8.39 | -8.91 | -8.30 | -6.65 | -17.25 | -24.32 | -20.98 | -24.73 | -30.68 | -31.35 | -31.96 | -32.28 | -34.34 | -32.68 | -34.20 | -34.47 | -35.05 | -38.59 | -40.39 | -38.20 | -32.43 | -27.07 | -22.62 |
| 74TH STREET_GT_1 | 23.61 | 18.27 | 18.44 | 16.00 | 16.83 | 23.20 | 28.42 | 32.73 | 36.25 | 44.17 | 43.17 | 45.82 | 46.91 | 47.68 | 47.72 | 47.86 | 46.98 | 46.70 | 43.65 | 43.01 | 44.72 | 39.16 | 36.01 | 30.88 |
| 24260 | 1.43 | 1.06 | 1.00 | 0.80 | 1.07 | 0.68 | 0.49 | 1.26 | 1.20 | 1.14 | 1.05 | 1.10 | 1.08 | 1.00 | 1.08 | 0.98 | 1.21 | 1.20 | 0.33 | 0.33 | 0.82 | 0.31 | 0.51 | 0.68 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| 74TH STREET_GT_2 | 23.61 | 18.27 | 18.44 | 16.00 | 16.83 | 23.20 | 28.42 | 32.73 | 36.25 | 44.17 | 43.17 | 45.82 | 46.91 | 47.68 | 47.72 | 47.86 | 46.98 | 46.70 | 43.65 | 43.01 | 44.72 | 39.16 | 36.01 | 30.88 |
| 24261 | 1.43 | 1.06 | 1.00 | 0.80 | 1.07 | 0.68 | 0.49 | 1.26 | 1.20 | 1.14 | 1.05 | 1.10 | 1.08 | 1.00 | 1.08 | 0.98 | 1.21 | 1.20 | 0.33 | 0.33 | 0.82 | 0.31 | 0.51 | 0.68 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| ADK HUDSON___FALLS | 24.57 | 21.35 | 21.76 | 19.18 | 18.67 | 29.81 | 31.23 | 32.00 | 34.20 | 37.12 | 36.97 | 36.84 | 35.19 | 36.74 | 35.13 | 37.28 | 41.56 | 46.95 | 41.77 | 46.52 | 35.98 | 31.53 | 29.21 | 31.12 |
| 24011 | 0.77 | 0.59 | 0.55 | 0.47 | 0.66 | 0.38 | 0.22 | 0.60 | 0.61 | 0.57 | 0.51 | 0.53 | 0.50 | 0.46 | 0.48 | 0.45 | 0.57 | 0.55 | 0.16 | 0.15 | 0.40 | 0.15 | 0.21 | 0.27 |
| | -12.13 | -11.95 | -12.68 | -11.82 | -8.92 | -24.17 | -27.39 | -22.43 | -25.14 | -28.60 | -29.10 | -28.56 | -27.10 | -29.28 | -27.11 | -30.06 | -32.63 | -38.16 | -39.34 | -44.11 | -29.90 | -29.22 | -25.41 | -25.99 |
| ADK RESOURCE___RCVRY | 24.52 | 21.30 | 21.69 | 19.10 | 18.67 | 29.55 | 31.13 | 31.93 | 34.14 | 37.05 | 36.95 | 36.80 | 35.17 | 36.74 | 35.09 | 37.20 | 41.47 | 46.71 | 41.60 | 46.33 | 36.30 | 31.49 | 29.07 | 30.85 |
| 23798 | 0.85 | 0.67 | 0.62 | 0.52 | 0.74 | 0.43 | 0.25 | 0.65 | 0.66 | 0.61 | 0.55 | 0.57 | 0.52 | 0.48 | 0.49 | 0.46 | 0.58 | 0.57 | 0.16 | 0.16 | 0.40 | 0.15 | 0.22 | 0.31 |
| | -12.00 | -11.81 | -12.54 | -11.69 | -8.83 | -23.87 | -27.26 | -22.30 | -25.03 | -28.48 | -29.04 | -28.47 | -27.06 | -29.26 | -27.06 | -29.97 | -32.54 | -37.89 | -39.17 | -43.92 | -30.21 | -29.17 | -25.25 | -25.69 |
| ADK S GLENS___FALLS | 24.57 | 21.35 | 21.76 | 19.18 | 18.67 | 29.81 | 31.23 | 32.00 | 34.20 | 37.12 | 36.97 | 36.84 | 35.19 | 36.74 | 35.13 | 37.28 | 41.56 | 46.95 | 41.77 | 46.52 | 35.98 | 31.53 | 29.21 | 31.12 |
| 24028 | 0.77 | 0.59 | 0.55 | 0.47 | 0.66 | 0.38 | 0.22 | 0.60 | 0.61 | 0.57 | 0.51 | 0.53 | 0.50 | 0.46 | 0.48 | 0.45 | 0.57 | 0.55 | 0.16 | 0.15 | 0.40 | 0.15 | 0.21 | 0.27 |
| | -12.13 | -11.95 | -12.68 | -11.82 | -8.92 | -24.17 | -27.39 | -22.43 | -25.14 | -28.60 | -29.10 | -28.56 | -27.10 | -29.28 | -27.11 | -30.06 | -32.63 | -38.16 | -39.34 | -44.11 | -29.90 | -29.22 | -25.41 | -25.99 |
| ADK_NYS___DAM | 24.08 | 20.88 | 21.26 | 18.70 | 18.34 | 28.66 | 30.83 | 31.59 | 33.86 | 36.76 | 36.80 | 36.67 | 35.13 | 36.73 | 35.06 | 37.02 | 40.98 | 46.13 | 41.19 | 45.77 | 36.11 | 31.40 | 28.76 | 30.26 |
| 23527 | 0.74 | 0.56 | 0.54 | 0.44 | 0.62 | 0.38 | 0.25 | 0.63 | 0.59 | 0.54 | 0.49 | 0.52 | 0.51 | 0.46 | 0.49 | 0.45 | 0.55 | 0.54 | 0.15 | 0.15 | 0.38 | 0.15 | 0.23 | 0.33 |
| | -11.67 | -11.49 | -12.20 | -11.38 | -8.62 | -23.02 | -26.96 | -22.00 | -24.82 | -28.26 | -28.95 | -28.39 | -27.03 | -29.27 | -27.03 | -29.81 | -32.07 | -37.35 | -38.77 | -43.36 | -30.05 | -29.09 | -24.93 | -25.08 |
| AIR_PRODUCTS___DRP | 23.62 | 20.50 | 20.90 | 18.39 | 17.97 | 28.15 | 30.59 | 31.23 | 33.57 | 36.49 | 36.63 | 36.45 | 34.96 | 36.62 | 34.90 | 36.82 | 40.19 | 45.66 | 40.81 | 45.21 | 34.87 | 31.33 | 28.52 | 29.81 |
| 24190 | 0.37 | 0.28 | 0.27 | 0.22 | 0.32 | 0.23 | 0.16 | 0.41 | 0.41 | 0.38 | 0.35 | 0.37 | 0.36 | 0.34 | 0.36 | 0.32 | 0.40 | 0.40 | 0.11 | 0.11 | 0.27 | 0.10 | 0.16 | 0.21 |
| | -11.58 | -11.40 | -12.10 | -11.28 | -8.56 | -22.66 | -26.81 | -21.85 | -24.72 | -28.15 | -28.92 | -28.32 | -27.01 | -29.29 | -27.00 | -29.73 | -31.43 | -37.02 | -38.44 | -42.85 | -28.91 | -29.06 | -24.77 | -24.74 |
| ALBANY___1 | 23.62 | 20.50 | 20.90 | 18.39 | 17.97 | 28.15 | 30.59 | 31.23 | 33.57 | 36.49 | 36.63 | 36.45 | 34.96 | 36.62 | 34.90 | 36.82 | 40.19 | 45.66 | 40.81 | 45.21 | 34.87 | 31.33 | 28.52 | 29.81 |
| 23571 | 0.37 | 0.28 | 0.27 | 0.22 | 0.32 | 0.23 | 0.16 | 0.41 | 0.41 | 0.38 | 0.35 | 0.37 | 0.36 | 0.34 | 0.36 | 0.32 | 0.40 | 0.40 | 0.11 | 0.11 | 0.27 | 0.10 | 0.16 | 0.21 |
| | -11.58 | -11.40 | -12.10 | -11.28 | -8.56 | -22.66 | -26.81 | -21.85 | -24.72 | -28.15 | -28.92 | -28.32 | -27.01 | -29.29 | -27.00 | -29.73 | -31.43 | -37.02 | -38.44 | -42.85 | -28.91 | -29.06 | -24.77 | -24.74 |
| ALBANY___2 | 23.62 | 20.50 | 20.90 | 18.39 | 17.97 | 28.15 | 30.59 | 31.23 | 33.57 | 36.49 | 36.63 | 36.45 | 34.96 | 36.62 | 34.90 | 36.82 | 40.19 | 45.66 | 40.81 | 45.21 | 34.87 | 31.33 | 28.52 | 29.81 |
| 23572 | 0.37 | 0.28 | 0.27 | 0.22 | 0.32 | 0.23 | 0.16 | 0.41 | 0.41 | 0.38 | 0.35 | 0.37 | 0.36 | 0.34 | 0.36 | 0.32 | 0.40 | 0.40 | 0.11 | 0.11 | 0.27 | 0.10 | 0.16 | 0.21 |
| | -11.58 | -11.40 | -12.10 | -11.28 | -8.56 | -22.66 | -26.81 | -21.85 | -24.72 | -28.15 | -28.92 | -28.32 | -27.01 | -29.29 | -27.00 | -29.73 | -31.43 | -37.02 | -38.44 | -42.85 | -28.91 | -29.06 | -24.77 | -24.74 |
| ALBANY___3 | 23.62 | 20.50 | 20.90 | 18.39 | 17.97 | 28.15 | 30.59 | 31.23 | 33.57 | 36.49 | 36.63 | 36.45 | 34.96 | 36.62 | 34.90 | 36.82 | 40.19 | 45.66 | 40.81 | 45.21 | 34.87 | 31.33 | 28.52 | 29.81 |
| 23573 | 0.37 | 0.28 | 0.27 | 0.22 | 0.32 | 0.23 | 0.16 | 0.41 | 0.41 | 0.38 | 0.35 | 0.37 | 0.36 | 0.34 | 0.36 | 0.32 | 0.40 | 0.40 | 0.11 | 0.11 | 0.27 | 0.10 | 0.16 | 0.21 |
| | -11.58 | -11.40 | -12.10 | -11.28 | -8.56 | -22.66 | -26.81 | -21.85 | -24.72 | -28.15 | -28.92 | -28.32 | -27.01 | -29.29 | -27.00 | -29.73 | -31.43 | -37.02 | -38.44 | -42.85 | -28.91 | -29.06 | -24.77 | -24.74 |
| ALBANY___4 | 23.62 | 20.50 | 20.90 | 18.39 | 17.97 | 28.15 | 30.59 | 31.23 | 33.57 | 36.49 | 36.63 | 36.45 | 34.96 | 36.62 | 34.90 | 36.82 | 40.19 | 45.66 | 40.81 | 45.21 | 34.87 | 31.33 | 28.52 | 29.81 |
| 23574 | 0.37 | 0.28 | 0.27 | 0.22 | 0.32 | 0.23 | 0.16 | 0.41 | 0.41 | 0.38 | 0.35 | 0.37 | 0.36 | 0.34 | 0.36 | 0.32 | 0.40 | 0.40 | 0.11 | 0.11 | 0.27 | 0.10 | 0.16 | 0.21 |
| | -11.58 | -11.40 | -12.10 | -11.28 | -8.56 | -22.66 | -26.81 | -21.85 | -24.72 | -28.15 | -28.92 | -28.32 | -27.01 | -29.29 | -27.00 | -29.73 | -31.43 | -37.02 | -38.44 | -42.85 | -28.91 | -29.06 | -24.77 | -24.74 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 24.00 0.50 -11.83 | 20.84 0.38 -11.65 | 21.25 0.36 -12.37 | 18.71 0.30 -11.53 | 18.24 0.42 -8.72 | 28.85 0.28 -23.32 | 30.88 0.19 -27.07 | 31.58 0.51 -22.10 | 33.85 0.50 -24.90 | 36.77 0.47 -28.35 | 36.79 0.43 -29.00 | 36.68 0.46 -28.46 | 35.12 0.46 -27.07 | 36.72 0.42 -29.30 | 35.06 0.44 -27.07 | 37.05 0.41 -29.88 | 40.67 0.50 -31.81 | 46.23 0.49 -37.50 | 41.19 0.13 -38.79 | 45.70 0.13 -43.32 | 34.95 0.34 -28.93 | 31.43 0.13 -29.14 | 28.84 0.19 -25.05 | 30.40 0.25 -25.29 |
| ALCOA_RYNLDS___DRP 24188 | 10.99 -0.68 0.00 | 8.30 -0.52 0.00 | 8.03 -0.49 0.00 | 6.48 -0.41 0.00 | 8.58 -0.52 0.00 | 4.99 -0.23 0.03 | 7.24 -0.16 -3.77 | 11.20 -0.39 -2.62 | 11.95 -0.37 -3.87 | 12.18 -0.35 -4.57 | 12.82 -0.33 -5.79 | 12.57 -0.33 -5.14 | 12.79 -0.33 -5.52 | 13.21 -0.31 -6.53 | 12.65 -0.34 -5.45 | 11.83 -0.32 -5.37 | 11.65 -0.37 -3.66 | 11.82 -0.36 -3.94 | 7.63 -0.10 -5.47 | 7.55 -0.10 -5.40 | 11.76 -0.24 -6.32 | 7.95 -0.10 -5.88 | 6.43 -0.18 -3.02 | 5.23 -0.23 -0.61 |
| ALCOA___DSASP 323711 | 10.99 -0.68 0.00 | 8.30 -0.52 0.00 | 8.03 -0.49 0.00 | 6.48 -0.41 0.00 | 8.58 -0.52 0.00 | 4.99 -0.23 0.03 | 7.24 -0.16 -3.77 | 11.20 -0.39 -2.62 | 11.95 -0.37 -3.87 | 12.18 -0.35 -4.57 | 12.82 -0.33 -5.79 | 12.57 -0.33 -5.14 | 12.79 -0.33 -5.52 | 13.21 -0.31 -6.53 | 12.65 -0.34 -5.45 | 11.83 -0.32 -5.37 | 11.65 -0.37 -3.66 | 11.82 -0.36 -3.94 | 7.63 -0.10 -5.47 | 7.55 -0.10 -5.40 | 11.76 -0.24 -6.32 | 7.95 -0.10 -5.88 | 6.43 -0.18 -3.02 | 5.23 -0.23 -0.61 |
| ALLEGHENY___COGEN 23514 | 13.50 0.51 -1.32 | 10.49 0.37 -1.30 | 10.24 0.34 -1.38 | 8.46 0.29 -1.29 | 10.55 0.34 -1.12 | 9.44 0.38 -3.81 | 20.00 0.26 -16.12 | 21.47 0.64 -11.86 | 24.95 0.47 -16.03 | 27.09 0.41 -18.73 | 30.18 0.42 -22.40 | 28.59 0.42 -20.42 | 29.25 0.41 -21.25 | 32.00 0.39 -24.61 | 29.01 0.43 -21.04 | 28.55 0.43 -21.35 | 25.62 0.53 -16.73 | 27.43 0.55 -18.64 | 25.74 0.15 -23.32 | 26.39 0.15 -23.98 | 29.97 0.36 -23.93 | 24.99 0.13 -22.70 | 17.43 0.26 -13.57 | 11.81 0.37 -6.59 |
| ALTONA_WT_PWR 323606 | 11.15 -0.51 0.00 | 8.44 -0.38 0.00 | 8.16 -0.36 0.00 | 6.59 -0.29 0.00 | 8.73 -0.37 0.00 | 5.04 -0.13 0.09 | 6.98 -0.08 -3.44 | 11.15 -0.21 -2.39 | 11.84 -0.15 -3.54 | 11.99 -0.14 -4.18 | 12.54 -0.13 -5.31 | 12.35 -0.12 -4.72 | 12.53 -0.13 -5.07 | 12.86 -0.14 -6.00 | 12.39 -0.16 -5.00 | 11.53 -0.16 -4.92 | 11.49 -0.20 -3.33 | 11.63 -0.20 -3.58 | 7.20 -0.06 -4.99 | 7.11 -0.07 -4.92 | 11.34 -0.15 -5.80 | 7.49 -0.07 -5.40 | 6.19 -0.15 -2.75 | 5.17 -0.20 -0.51 |
| AMERICAN_REF_FUEL 24010 | 12.83 -0.02 -1.19 | 10.03 0.04 -1.17 | 9.78 0.02 -1.25 | 8.08 0.03 -1.16 | 10.06 -0.05 -1.01 | 8.97 0.16 -3.56 | 19.63 0.03 -15.98 | 20.58 -0.13 -11.74 | 24.14 -0.23 -15.91 | 26.26 -0.29 -18.60 | 29.43 -0.24 -22.31 | 27.78 -0.29 -20.31 | 28.50 -0.26 -21.17 | 31.27 -0.26 -24.54 | 28.23 -0.26 -20.95 | 27.82 -0.19 -21.24 | 24.67 -0.23 -16.55 | 26.43 -0.22 -18.41 | 25.34 -0.06 -23.13 | 25.94 -0.06 -23.74 | 29.34 -0.19 -23.85 | 24.70 -0.07 -22.60 | 17.03 0.00 -13.43 | 11.32 0.09 -6.37 |
| ARTHUR_KILL_GT_1 23520 | 23.38 1.22 -10.49 | 18.19 0.98 -8.40 | 18.36 0.92 -8.92 | 15.93 0.74 -8.31 | 16.74 0.98 -6.66 | 23.12 0.60 -17.26 | 28.36 0.43 -24.31 | 32.12 1.14 -22.02 | 35.54 1.08 -26.01 | 42.65 1.01 -33.68 | 41.97 0.93 -33.68 | 44.08 0.95 -35.38 | 44.87 0.93 -36.35 | 45.86 0.87 -37.99 | 45.55 0.94 -37.07 | 45.86 0.85 -38.24 | 45.90 1.06 -36.48 | 45.85 1.05 -36.56 | 42.83 0.29 -40.27 | 42.95 0.29 -40.41 | 44.63 0.72 -38.22 | 37.79 0.28 -35.34 | 34.45 0.46 -30.39 | 29.96 0.61 -24.49 |
| ARTHUR_KILL_2 23512 | 23.38 1.22 -10.49 | 18.19 0.98 -8.40 | 18.36 0.92 -8.92 | 15.93 0.74 -8.31 | 16.74 0.98 -6.66 | 23.12 0.60 -17.26 | 28.36 0.43 -24.31 | 32.12 1.14 -22.02 | 35.54 1.08 -26.01 | 42.65 1.01 -33.68 | 41.97 0.93 -33.68 | 44.08 0.95 -35.38 | 44.87 0.93 -36.35 | 45.86 0.87 -37.99 | 45.55 0.94 -37.07 | 45.86 0.85 -38.24 | 45.90 1.06 -36.48 | 45.85 1.05 -36.56 | 42.83 0.29 -40.27 | 42.95 0.29 -40.41 | 44.63 0.72 -38.22 | 37.79 0.28 -35.34 | 34.45 0.46 -30.39 | 29.96 0.61 -24.49 |
| ARTHUR_KILL_3 23513 | 23.58 1.43 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.41 0.48 -24.32 | 32.22 1.23 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.08 1.03 -33.69 | 44.22 1.08 -35.38 | 45.00 1.05 -36.36 | 45.97 0.97 -38.00 | 45.67 1.05 -37.08 | 45.97 0.95 -38.24 | 46.02 1.18 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.71 0.81 -38.21 | 37.81 0.31 -35.34 | 34.48 0.50 -30.38 | 30.02 0.67 -24.48 |
| ASHOKAN____ 23654 | 22.13 0.91 -9.56 | 18.90 0.68 -9.41 | 19.14 0.63 -9.99 | 16.68 0.49 -9.31 | 17.03 0.65 -7.29 | 24.65 0.42 -18.97 | 29.06 0.31 -25.13 | 29.98 0.81 -20.21 | 32.69 0.79 -23.46 | 35.51 0.74 -26.82 | 36.27 0.71 -28.21 | 35.78 0.71 -27.31 | 34.67 0.67 -26.41 | 36.67 0.71 -28.97 | 34.64 0.73 -26.36 | 36.11 0.69 -28.65 | 39.93 0.87 -30.70 | 43.28 0.87 -34.17 | 39.14 0.23 -36.65 | 43.32 0.25 -40.82 | 39.29 0.61 -32.99 | 30.76 0.21 -28.38 | 26.92 0.34 -22.99 | 26.80 0.44 -21.51 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.90 1.13 -6.67 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.25 -19.65 | 32.70 1.17 -23.08 | 40.41 1.10 -31.36 | 42.06 1.02 -33.68 | 44.18 1.05 -35.37 | 41.52 1.03 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.67 1.17 -33.14 | 45.95 1.15 -36.55 | 42.85 0.32 -40.27 | 42.98 0.31 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.46 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.90 1.13 -6.67 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.25 -19.65 | 32.70 1.17 -23.08 | 40.41 1.10 -31.36 | 42.06 1.02 -33.68 | 44.18 1.05 -35.37 | 41.52 1.03 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.67 1.17 -33.14 | 45.95 1.15 -36.55 | 42.85 0.32 -40.27 | 42.98 0.31 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.46 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT2_1 24094 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT2_2 24095 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT2_3 24096 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |

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|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_4 24097 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT3_1 24098 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT3_2 24099 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT3_3 24100 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT3_4 24101 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT4_1 24102 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT4_2 24103 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT4_3 24104 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT4_4 24105 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT_1 23523 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT_10 24110 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| ASTORIA_GT_11 24225 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| ASTORIA_GT_12 24226 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| ASTORIA_GT_13 24227 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| ASTORIA_GT_5 24106 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |

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|----------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_7 24107 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA_GT_8 24108 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA___2 24149 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA___3 23516 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| ASTORIA___4 23517 | 23.55 1.40 -10.49 | 18.30 1.08 -8.41 | 18.49 1.05 -8.92 | 16.05 0.85 -8.32 | 16.91 1.14 -6.67 | 23.21 0.69 -17.26 | 28.40 0.47 -24.31 | 29.87 1.26 -19.65 | 32.71 1.18 -23.08 | 40.42 1.11 -31.36 | 42.06 1.02 -33.68 | 44.19 1.06 -35.37 | 41.53 1.04 -32.90 | 44.14 0.97 -36.18 | 42.20 1.04 -33.62 | 45.59 0.95 -37.87 | 42.68 1.18 -33.14 | 45.96 1.16 -36.55 | 42.85 0.32 -40.27 | 42.98 0.32 -40.41 | 44.68 0.78 -38.21 | 37.80 0.30 -35.33 | 34.47 0.50 -30.37 | 26.53 0.67 -21.00 |
| ASTORIA___5 23518 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| AST_ENERGY_2_CC3 323677 | 23.57 1.42 -10.48 | 18.25 1.04 -8.40 | 18.42 0.99 -8.92 | 15.98 0.78 -8.31 | 16.81 1.05 -6.66 | 23.19 0.67 -17.26 | 28.41 0.47 -24.32 | 32.22 1.23 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.07 1.03 -33.69 | 44.21 1.07 -35.38 | 44.99 1.05 -36.36 | 45.96 0.97 -37.99 | 45.66 1.05 -37.07 | 45.96 0.95 -38.24 | 46.02 1.18 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 42.99 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.47 0.50 -30.38 | 30.00 0.66 -24.48 |
| AST_ENERGY_2_CC4 323678 | 23.57 1.42 -10.48 | 18.25 1.04 -8.40 | 18.42 0.99 -8.92 | 15.98 0.78 -8.31 | 16.81 1.05 -6.66 | 23.19 0.67 -17.26 | 28.41 0.47 -24.32 | 32.22 1.23 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.07 1.03 -33.69 | 44.21 1.07 -35.38 | 44.99 1.05 -36.36 | 45.96 0.97 -37.99 | 45.66 1.05 -37.07 | 45.96 0.95 -38.24 | 46.02 1.18 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 42.99 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.47 0.50 -30.38 | 30.00 0.66 -24.48 |
| ATHENS_STG_1 23668 | 22.19 0.76 -9.76 | 18.99 0.56 -9.61 | 19.27 0.55 -10.20 | 16.84 0.44 -9.51 | 17.09 0.60 -7.39 | 24.60 0.40 -18.94 | 29.11 0.28 -25.21 | 29.95 0.73 -20.25 | 32.62 0.69 -23.48 | 35.44 0.64 -26.85 | 36.23 0.60 -28.27 | 35.74 0.63 -27.35 | 34.68 0.61 -26.47 | 36.62 0.57 -29.05 | 34.57 0.61 -26.42 | 36.02 0.56 -28.69 | 36.53 0.69 -27.48 | 42.75 0.68 -33.83 | 38.12 0.19 -35.67 | 41.39 0.18 -38.95 | 30.45 0.46 -24.30 | 30.79 0.18 -28.45 | 26.87 0.29 -22.98 | 26.67 0.39 -21.43 |
| ATHENS_STG_2 23670 | 22.19 0.76 -9.76 | 18.99 0.56 -9.61 | 19.27 0.55 -10.20 | 16.84 0.44 -9.51 | 17.09 0.60 -7.39 | 24.60 0.40 -18.94 | 29.11 0.28 -25.21 | 29.95 0.73 -20.25 | 32.62 0.69 -23.48 | 35.44 0.64 -26.85 | 36.23 0.60 -28.27 | 35.74 0.63 -27.35 | 34.68 0.61 -26.47 | 36.62 0.57 -29.05 | 34.57 0.61 -26.42 | 36.02 0.56 -28.69 | 36.53 0.69 -27.48 | 42.75 0.68 -33.83 | 38.12 0.19 -35.67 | 41.39 0.18 -38.95 | 30.45 0.46 -24.30 | 30.79 0.18 -28.45 | 26.87 0.29 -22.98 | 26.67 0.39 -21.43 |
| ATHENS_STG_3 23677 | 22.19 0.76 -9.76 | 18.99 0.56 -9.61 | 19.27 0.55 -10.20 | 16.84 0.44 -9.51 | 17.09 0.60 -7.39 | 24.60 0.40 -18.94 | 29.11 0.28 -25.21 | 29.95 0.73 -20.25 | 32.62 0.69 -23.48 | 35.44 0.64 -26.85 | 36.23 0.60 -28.27 | 35.74 0.63 -27.35 | 34.68 0.61 -26.47 | 36.62 0.57 -29.05 | 34.57 0.61 -26.42 | 36.02 0.56 -28.69 | 36.53 0.69 -27.48 | 42.75 0.68 -33.83 | 38.12 0.19 -35.67 | 41.39 0.18 -38.95 | 30.45 0.46 -24.30 | 30.79 0.18 -28.45 | 26.87 0.29 -22.98 | 26.67 0.39 -21.43 |
| AUBURN___LFGE 323710 | 13.10 0.47 -0.97 | 10.10 0.33 -0.96 | 9.83 0.30 -1.02 | 8.07 0.24 -0.95 | 10.26 0.33 -0.83 | 8.63 0.28 -3.09 | 19.23 0.21 -15.40 | 21.25 0.71 -11.58 | 24.85 0.65 -15.75 | 26.97 0.60 -18.41 | 30.06 0.57 -22.13 | 28.48 0.60 -20.13 | 29.18 0.58 -21.00 | 31.89 0.53 -24.36 | 28.88 0.56 -20.78 | 28.33 0.51 -21.05 | 25.30 0.63 -16.32 | 27.02 0.63 -18.14 | 25.31 0.18 -22.86 | 25.87 0.18 -23.44 | 29.80 0.44 -23.68 | 24.75 0.16 -22.43 | 17.11 0.26 -13.25 | 11.37 0.34 -6.16 |
| BABYLON_RES_REC 323704 | 21.72 1.53 -8.52 | 18.34 1.13 -8.39 | 18.52 1.09 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.54 0.56 -24.36 | 33.68 1.44 -23.27 | 37.31 1.37 -27.49 | 40.62 1.29 -31.38 | 40.85 1.20 -32.30 | 40.70 1.26 -31.68 | 39.70 1.22 -30.89 | 40.71 1.13 -32.58 | 40.82 1.22 -32.06 | 41.70 1.11 -33.82 | 41.77 1.30 -32.12 | 42.34 1.28 -32.82 | 40.96 0.35 -38.34 | 42.97 0.35 -40.37 | 44.79 0.89 -38.22 | 40.83 0.36 -38.31 | 29.98 0.59 -25.80 | 25.53 0.79 -19.88 |
| BARRETT_IC_1 23704 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_10 23701 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |

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|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_11 23702 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.43 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_12 23703 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.43 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_2 23705 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_3 23706 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_4 23707 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_5 23708 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_6 23709 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_7 23710 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_8 23711 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT_IC_9 23700 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.43 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT__1 23545 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.42 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BARRETT__2 23546 | 21.73 1.53 -8.53 | 18.34 1.13 -8.39 | 18.51 1.08 -8.91 | 16.06 0.86 -8.32 | 16.91 1.15 -6.66 | 23.25 0.73 -17.27 | 28.61 0.54 -24.45 | 42.77 1.36 -32.44 | 44.49 1.29 -34.75 | 44.49 1.22 -35.32 | 40.93 1.15 -32.43 | 40.79 1.20 -31.83 | 39.79 1.17 -31.04 | 40.79 1.09 -32.70 | 40.96 1.18 -32.24 | 41.83 1.07 -33.99 | 41.79 1.31 -32.12 | 42.38 1.32 -32.82 | 41.03 0.36 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.11 0.34 -38.60 | 37.22 0.55 -33.07 | 25.52 0.78 -19.89 |
| BAYONEEC__CTG1 323682 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC__CTG2 323683 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC__CTG3 323684 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| BAYONEEC___CTG4 323685 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC___CTG5 323686 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC___CTG6 323687 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC___CTG7 323688 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BAYONEEC___CTG8 323689 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.12 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| BEACON___LESR 323632 | 23.76 0.57 -11.52 | 20.59 0.43 -11.34 | 20.98 0.42 -12.05 | 18.46 0.34 -11.23 | 18.09 0.47 -8.52 | 28.16 0.32 -22.58 | 30.62 0.22 -26.77 | 31.37 0.59 -21.81 | 33.70 0.57 -24.69 | 36.61 0.53 -28.12 | 36.75 0.49 -28.90 | 36.58 0.52 -28.30 | 35.10 0.52 -26.99 | 36.75 0.48 -29.27 | 35.03 0.51 -26.98 | 36.93 0.46 -29.70 | 40.48 0.58 -31.55 | 45.77 0.56 -36.97 | 40.86 0.16 -38.43 | 45.29 0.16 -42.88 | 35.44 0.39 -29.37 | 31.35 0.15 -29.04 | 28.55 0.23 -24.73 | 29.82 0.29 -24.67 |
| BEAVER RIVER___HYD 24048 | 11.34 -0.33 0.00 | 8.53 -0.28 0.00 | 8.25 -0.27 0.00 | 6.66 -0.22 0.00 | 8.83 -0.27 0.00 | 6.26 -0.10 -1.10 | 16.34 -0.02 -12.74 | 17.94 -0.09 -9.06 | 21.27 -0.07 -12.89 | 23.07 -0.04 -15.16 | 26.05 -0.07 -18.77 | 24.54 -0.06 -16.84 | 25.39 -0.06 -17.86 | 27.88 -0.06 -20.95 | 25.10 -0.08 -17.64 | 24.27 -0.09 -17.60 | 20.96 -0.10 -12.71 | 22.02 -0.11 -13.88 | 20.67 -0.03 -18.43 | 20.73 -0.03 -18.51 | 25.94 -0.05 -20.31 | 21.20 -0.02 -19.05 | 13.94 -0.06 -10.40 | 8.15 -0.06 -3.35 |
| BEEBEE_GT_13 23619 | 12.83 0.23 -0.93 | 9.90 0.18 -0.91 | 9.63 0.14 -0.97 | 7.92 0.13 -0.90 | 10.01 0.13 -0.79 | 8.50 0.22 -3.02 | 19.39 0.14 -15.63 | 20.71 0.32 -11.42 | 24.25 0.19 -15.61 | 26.36 0.14 -18.27 | 29.56 0.16 -22.04 | 27.91 0.15 -20.01 | 28.66 0.15 -20.92 | 31.45 0.15 -24.30 | 28.43 0.19 -20.70 | 27.90 0.21 -20.92 | 24.69 0.25 -16.09 | 26.35 0.26 -17.84 | 24.96 0.07 -22.63 | 25.47 0.07 -23.14 | 29.45 0.15 -23.61 | 24.56 0.06 -22.33 | 16.83 0.15 -13.08 | 10.96 0.24 -5.86 |
| BETHLEHEM___GRP 23843 | 23.62 0.37 -11.58 | 20.50 0.28 -11.40 | 20.90 0.27 -12.10 | 18.39 0.22 -11.28 | 17.97 0.32 -8.56 | 28.15 0.23 -22.66 | 30.59 0.16 -26.81 | 31.23 0.41 -21.85 | 33.57 0.41 -24.72 | 36.49 0.38 -28.15 | 36.63 0.35 -28.92 | 36.45 0.37 -28.32 | 34.96 0.36 -27.01 | 36.62 0.34 -29.29 | 34.90 0.36 -27.00 | 36.82 0.32 -29.73 | 40.19 0.40 -31.43 | 45.66 0.40 -37.02 | 40.81 0.11 -38.44 | 45.21 0.11 -42.85 | 34.87 0.27 -28.91 | 31.33 0.10 -29.06 | 28.52 0.16 -24.77 | 29.81 0.21 -24.74 |
| BETHLEHEM___GS1 323560 | 23.62 0.37 -11.58 | 20.50 0.28 -11.40 | 20.90 0.27 -12.10 | 18.39 0.22 -11.28 | 17.97 0.32 -8.56 | 28.15 0.23 -22.66 | 30.59 0.16 -26.81 | 31.23 0.41 -21.85 | 33.57 0.41 -24.72 | 36.49 0.38 -28.15 | 36.63 0.35 -28.92 | 36.45 0.37 -28.32 | 34.96 0.36 -27.01 | 36.62 0.34 -29.29 | 34.90 0.36 -27.00 | 36.82 0.32 -29.73 | 40.19 0.40 -31.43 | 45.66 0.40 -37.02 | 40.81 0.11 -38.44 | 45.21 0.11 -42.85 | 34.87 0.27 -28.91 | 31.33 0.10 -29.06 | 28.52 0.16 -24.77 | 29.81 0.21 -24.74 |
| BETHLEHEM___GS2 323561 | 23.62 0.37 -11.58 | 20.50 0.28 -11.40 | 20.90 0.27 -12.10 | 18.39 0.22 -11.28 | 17.97 0.32 -8.56 | 28.15 0.23 -22.66 | 30.59 0.16 -26.81 | 31.23 0.41 -21.85 | 33.57 0.41 -24.72 | 36.49 0.38 -28.15 | 36.63 0.35 -28.92 | 36.45 0.37 -28.32 | 34.96 0.36 -27.01 | 36.62 0.34 -29.29 | 34.90 0.36 -27.00 | 36.82 0.32 -29.73 | 40.19 0.40 -31.43 | 45.66 0.40 -37.02 | 40.81 0.11 -38.44 | 45.21 0.11 -42.85 | 34.87 0.27 -28.91 | 31.33 0.10 -29.06 | 28.52 0.16 -24.77 | 29.81 0.21 -24.74 |
| BETHLEHEM___GS3 323562 | 23.62 0.37 -11.58 | 20.50 0.28 -11.40 | 20.90 0.27 -12.10 | 18.39 0.22 -11.28 | 17.97 0.32 -8.56 | 28.15 0.23 -22.66 | 30.59 0.16 -26.81 | 31.23 0.41 -21.85 | 33.57 0.41 -24.72 | 36.49 0.38 -28.15 | 36.63 0.35 -28.92 | 36.45 0.37 -28.32 | 34.96 0.36 -27.01 | 36.62 0.34 -29.29 | 34.90 0.36 -27.00 | 36.82 0.32 -29.73 | 40.19 0.40 -31.43 | 45.66 0.40 -37.02 | 40.81 0.11 -38.44 | 45.21 0.11 -42.85 | 34.87 0.27 -28.91 | 31.33 0.10 -29.06 | 28.52 0.16 -24.77 | 29.81 0.21 -24.74 |
| BETHLEHEM___STEEL 23779 | 13.22 0.28 -1.28 | 10.32 0.25 -1.26 | 10.08 0.22 -1.33 | 8.33 0.21 -1.24 | 10.36 0.18 -1.08 | 9.27 0.29 -3.72 | 19.84 0.13 -16.09 | 21.01 0.21 -11.83 | 24.55 0.10 -16.00 | 26.69 0.03 -18.70 | 29.83 0.08 -22.39 | 28.19 0.04 -20.40 | 28.87 0.05 -21.24 | 31.63 0.03 -24.60 | 28.60 0.04 -21.02 | 28.17 0.07 -21.33 | 25.14 0.09 -16.69 | 26.92 0.09 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.03 -23.92 | 24.87 0.02 -22.68 | 17.26 0.13 -13.54 | 11.61 0.22 -6.53 |
| BETHPAGE_CC_5 323564 | 21.73 1.54 -8.52 | 18.35 1.14 -8.39 | 18.52 1.09 -8.91 | 16.06 0.87 -8.31 | 16.91 1.16 -6.65 | 23.25 0.74 -17.26 | 28.53 0.55 -24.36 | 33.77 1.39 -23.41 | 37.35 1.32 -27.58 | 40.58 1.24 -31.39 | 40.76 1.16 -32.24 | 40.59 1.21 -31.62 | 39.59 1.18 -30.82 | 40.63 1.10 -32.53 | 40.70 1.18 -31.98 | 41.59 1.08 -33.74 | 41.80 1.33 -32.12 | 42.39 1.33 -32.82 | 40.94 0.36 -38.31 | 42.98 0.36 -40.37 | 44.81 0.91 -38.22 | 40.69 0.34 -38.18 | 30.06 0.57 -25.90 | 25.51 0.78 -19.88 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 13.29 0.33 -1.30 | 10.37 0.28 -1.28 | 10.13 0.26 -1.35 | 8.38 0.23 -1.26 | 10.42 0.23 -1.10 | 9.33 0.31 -3.76 | 19.88 0.15 -16.12 | 21.09 0.27 -11.85 | 24.63 0.16 -16.02 | 26.76 0.09 -18.72 | 29.90 0.13 -22.41 | 28.27 0.09 -20.42 | 28.94 0.10 -21.26 | 31.69 0.08 -24.62 | 28.67 0.08 -21.04 | 28.24 0.11 -21.35 | 25.22 0.14 -16.72 | 27.01 0.14 -18.62 | 25.63 0.05 -23.32 | 26.26 0.04 -23.97 | 29.69 0.07 -23.93 | 24.90 0.03 -22.70 | 17.31 0.15 -13.56 | 11.67 0.25 -6.56 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 14.59 0.36 -2.57 | 11.62 0.27 -2.53 | 11.47 0.26 -2.68 | 9.60 0.22 -2.50 | 11.55 0.28 -2.17 | 11.80 0.24 -6.31 | 21.48 0.16 -17.71 | 22.62 0.38 -13.27 | 26.15 0.34 -17.36 | 28.46 0.31 -20.20 | 31.24 0.29 -23.60 | 29.79 0.29 -21.74 | 30.21 0.29 -22.33 | 32.89 0.26 -25.63 | 29.96 0.28 -22.14 | 29.78 0.26 -22.75 | 27.47 0.32 -18.80 | 29.74 0.32 -21.18 | 27.92 0.09 -25.56 | 29.02 0.09 -26.68 | 30.87 0.22 -24.97 | 26.13 0.08 -23.88 | 18.91 0.15 -15.16 | 13.95 0.22 -8.87 |
| BLACK RIVER___HYD 24047 | 11.67 -0.25 -0.25 | 8.82 -0.24 -0.25 | 8.55 -0.23 -0.26 | 6.94 -0.19 -0.24 | 9.12 -0.23 -0.24 | 6.34 -0.07 -1.16 | 16.77 0.00 -13.15 | 18.29 -0.04 -9.35 | 21.75 -0.01 -13.30 | 23.62 0.02 -15.64 | 26.70 -0.03 -19.37 | 25.12 -0.02 -17.38 | 26.01 -0.02 -18.43 | 28.61 -0.01 -21.62 | 25.72 -0.04 -18.21 | 24.88 -0.05 -18.16 | 21.41 -0.06 -13.11 | 22.52 -0.06 -14.33 | 21.28 -0.01 -19.02 | 21.34 -0.01 -19.10 | 26.63 -0.01 -20.96 | 21.82 0.00 -19.66 | 14.29 -0.04 -10.74 | 8.29 -0.03 -3.46 |
| BLISS_WT_PWR 323608 | 13.50 0.47 -1.37 | 10.55 0.39 -1.35 | 10.31 0.36 -1.43 | 8.54 0.32 -1.34 | 10.61 0.35 -1.16 | 9.55 0.38 -3.91 | 20.03 0.20 -16.21 | 21.43 0.49 -11.97 | 24.96 0.37 -16.14 | 27.09 0.29 -18.85 | 30.18 0.32 -22.51 | 28.56 0.27 -20.53 | 29.20 0.26 -21.35 | 31.93 0.23 -24.70 | 28.92 0.24 -21.13 | 28.49 0.25 -21.47 | 25.52 0.27 -16.90 | 27.33 0.26 -18.83 | 25.84 0.08 -23.49 | 26.51 0.07 -24.18 | 29.85 0.16 -24.00 | 25.01 0.06 -22.78 | 17.48 0.19 -13.69 | 11.92 0.30 -6.76 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.59 0.54 -11.38 | 20.43 0.41 -11.21 | 20.81 0.39 -11.90 | 18.29 0.32 -11.09 | 17.97 0.44 -8.43 | 27.79 0.32 -22.22 | 30.46 0.21 -26.63 | 31.19 0.56 -21.66 | 33.56 0.53 -24.58 | 36.47 0.50 -28.01 | 36.68 0.46 -28.85 | 36.46 0.48 -28.22 | 35.02 0.48 -26.96 | 36.70 0.43 -29.27 | 34.96 0.48 -26.94 | 36.82 0.43 -29.62 | 40.18 0.53 -31.29 | 45.46 0.52 -36.69 | 40.64 0.14 -38.22 | 44.99 0.14 -42.59 | 35.28 0.36 -29.23 | 31.30 0.14 -29.00 | 28.38 0.22 -24.57 | 29.52 0.29 -24.37 |
| BOC_GAS_DRP 24189 | 23.76 0.55 -11.54 | 20.59 0.41 -11.37 | 20.99 0.40 -12.07 | 18.46 0.32 -11.25 | 18.08 0.45 -8.53 | 28.03 0.33 -22.45 | 30.58 0.22 -26.74 | 31.31 0.57 -21.77 | 33.67 0.55 -24.67 | 36.57 0.51 -28.10 | 36.75 0.48 -28.91 | 36.55 0.50 -28.30 | 35.08 0.49 -27.01 | 36.75 0.45 -29.30 | 35.02 0.48 -26.99 | 36.90 0.43 -29.70 | 40.02 0.54 -31.13 | 45.63 0.53 -36.85 | 40.69 0.15 -38.28 | 45.00 0.14 -42.60 | 34.46 0.36 -28.41 | 31.36 0.14 -29.05 | 28.51 0.23 -24.68 | 29.73 0.31 -24.56 |
| BORALEX_4TH_BRANCH 23824 | 24.08 0.74 -11.67 | 20.88 0.56 -11.49 | 21.26 0.54 -12.20 | 18.70 0.44 -11.38 | 18.34 0.62 -8.62 | 28.66 0.38 -23.02 | 30.83 0.25 -26.96 | 31.59 0.63 -22.00 | 33.86 0.59 -24.82 | 36.76 0.54 -28.26 | 36.80 0.49 -28.95 | 36.67 0.52 -28.39 | 35.13 0.51 -27.03 | 36.73 0.46 -29.27 | 35.06 0.49 -27.03 | 37.02 0.45 -29.81 | 40.98 0.55 -32.07 | 46.13 0.54 -37.35 | 41.19 0.15 -38.77 | 45.77 0.15 -43.36 | 36.11 0.38 -30.05 | 31.40 0.15 -29.09 | 28.76 0.23 -24.93 | 30.26 0.33 -25.08 |
| BOWLINE___1 23526 | 20.96 1.20 -8.09 | 17.67 0.89 -7.96 | 17.81 0.84 -8.46 | 15.43 0.67 -7.88 | 16.38 0.89 -6.39 | 22.46 0.58 -16.63 | 28.02 0.41 -24.00 | 29.12 1.07 -19.09 | 31.97 1.01 -22.51 | 34.72 0.96 -25.81 | 35.89 0.90 -27.63 | 35.21 0.93 -26.52 | 34.42 0.91 -25.92 | 36.52 0.85 -28.67 | 34.30 0.92 -25.84 | 35.42 0.84 -27.81 | 39.70 1.04 -30.31 | 41.36 1.02 -32.10 | 37.91 0.28 -35.36 | 41.93 0.28 -39.40 | 42.69 0.70 -36.30 | 30.26 0.26 -27.83 | 25.71 0.43 -21.67 | 24.61 0.57 -19.18 |
| BOWLINE___2 23595 | 20.96 1.20 -8.09 | 17.67 0.89 -7.97 | 17.81 0.84 -8.46 | 15.43 0.67 -7.88 | 16.39 0.90 -6.39 | 22.46 0.58 -16.63 | 28.03 0.41 -24.00 | 29.12 1.07 -19.09 | 31.98 1.01 -22.51 | 34.73 0.96 -25.81 | 35.89 0.90 -27.64 | 35.22 0.94 -26.52 | 34.42 0.91 -25.92 | 36.52 0.85 -28.67 | 34.30 0.92 -25.84 | 35.42 0.84 -27.81 | 39.70 1.04 -30.31 | 41.37 1.02 -32.10 | 37.91 0.28 -35.36 | 41.93 0.28 -39.40 | 42.69 0.70 -36.31 | 30.26 0.26 -27.83 | 25.71 0.43 -21.68 | 24.61 0.57 -19.18 |
| BROOKHAVEN___DRP 24191 | 21.52 1.33 -8.52 | 18.20 0.99 -8.39 | 18.39 0.96 -8.91 | 15.95 0.76 -8.31 | 16.76 1.01 -6.65 | 23.17 0.66 -17.26 | 28.49 0.51 -24.35 | 33.06 1.34 -22.75 | 36.83 1.27 -27.11 | 40.38 1.19 -31.23 | 40.83 1.10 -32.38 | 40.68 1.14 -31.78 | 39.67 1.10 -30.98 | 40.69 1.03 -32.66 | 40.82 1.11 -32.17 | 41.71 1.02 -33.93 | 41.74 1.26 -32.12 | 42.31 1.25 -32.82 | 41.00 0.34 -38.38 | 42.97 0.35 -40.37 | 44.77 0.87 -38.22 | 40.98 0.33 -38.49 | 29.54 0.54 -25.41 | 25.45 0.71 -19.88 |
| BROOKLYN_NAVY_YARD 23515 | 23.56 1.41 -10.48 | 18.24 1.03 -8.40 | 18.41 0.97 -8.92 | 15.97 0.78 -8.31 | 16.80 1.04 -6.66 | 23.19 0.67 -17.26 | 28.41 0.47 -24.32 | 29.85 1.23 -19.66 | 32.71 1.17 -23.09 | 40.42 1.11 -31.37 | 42.07 1.03 -33.69 | 44.21 1.08 -35.38 | 41.55 1.05 -32.91 | 44.16 0.98 -36.19 | 42.23 1.06 -33.63 | 45.61 0.96 -37.88 | 42.69 1.19 -33.15 | 45.98 1.17 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.47 0.50 -30.38 | 26.51 0.66 -20.99 |
| BROOKLYN___ARMY_DRP 323595 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| BROOME_2_LFGE 323671 | 14.59 0.36 -2.57 | 11.62 0.27 -2.53 | 11.47 0.26 -2.68 | 9.60 0.22 -2.50 | 11.55 0.28 -2.17 | 11.80 0.24 -6.31 | 21.48 0.16 -17.71 | 22.62 0.38 -13.27 | 26.15 0.34 -17.36 | 28.46 0.31 -20.20 | 31.24 0.29 -23.60 | 29.79 0.29 -21.74 | 30.21 0.29 -22.33 | 32.89 0.26 -25.63 | 29.96 0.28 -22.14 | 29.78 0.26 -22.75 | 27.47 0.32 -18.80 | 29.74 0.32 -21.18 | 27.92 0.09 -25.56 | 29.02 0.09 -26.68 | 30.87 0.22 -24.97 | 26.13 0.08 -23.88 | 18.91 0.15 -15.16 | 13.95 0.22 -8.87 |
| BROOME___LFGE 323600 | 14.59 0.36 -2.57 | 11.62 0.27 -2.53 | 11.47 0.26 -2.68 | 9.60 0.22 -2.50 | 11.55 0.28 -2.17 | 11.80 0.24 -6.31 | 21.48 0.16 -17.71 | 22.62 0.38 -13.27 | 26.15 0.34 -17.36 | 28.46 0.31 -20.20 | 31.24 0.29 -23.60 | 29.79 0.29 -21.74 | 30.21 0.29 -22.33 | 32.89 0.26 -25.63 | 29.96 0.28 -22.14 | 29.78 0.26 -22.75 | 27.47 0.32 -18.80 | 29.74 0.32 -21.18 | 27.92 0.09 -25.56 | 29.02 0.09 -26.68 | 30.87 0.22 -24.97 | 26.13 0.08 -23.88 | 18.91 0.15 -15.16 | 13.95 0.22 -8.87 |
| BURROWS___LYONSDAL 23803 | 11.64 -0.02 0.00 | 8.77 -0.04 0.00 | 8.48 -0.04 0.00 | 6.85 -0.03 0.00 | 9.06 -0.04 0.00 | 6.58 0.03 -1.30 | 18.29 0.05 -14.62 | 19.47 0.10 -10.40 | 23.35 0.11 -14.79 | 25.48 0.13 -17.40 | 28.98 0.08 -21.54 | 27.18 0.09 -19.33 | 28.18 0.09 -20.50 | 31.13 0.08 -24.05 | 27.87 0.08 -20.25 | 27.02 0.05 -20.20 | 23.01 0.07 -14.58 | 24.25 0.07 -15.94 | 23.44 0.02 -21.15 | 23.52 0.02 -21.24 | 29.06 0.07 -23.31 | 24.05 0.03 -21.86 | 15.56 0.02 -11.94 | 8.75 0.04 -3.85 |
| CAITHNESS_CC_1 323624 | 21.53 1.34 -8.52 | 18.21 1.00 -8.39 | 18.40 0.97 -8.91 | 15.95 0.76 -8.31 | 16.77 1.02 -6.65 | 23.18 0.66 -17.26 | 28.49 0.52 -24.35 | 33.06 1.34 -22.75 | 36.84 1.28 -27.11 | 40.38 1.19 -31.23 | 40.84 1.10 -32.38 | 40.68 1.15 -31.78 | 39.68 1.11 -30.98 | 40.69 1.04 -32.66 | 40.83 1.12 -32.17 | 41.71 1.02 -33.93 | 41.74 1.27 -32.12 | 42.31 1.25 -32.82 | 41.00 0.34 -38.38 | 42.97 0.35 -40.37 | 44.77 0.87 -38.22 | 40.98 0.33 -38.49 | 29.55 0.54 -25.41 | 25.45 0.72 -19.88 |

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|----------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| CALPINE BETH_PAGE_GT4 24209 | 21.73 1.54 -8.52 | 18.35 1.15 -8.39 | 18.53 1.10 -8.91 | 16.06 0.87 -8.31 | 16.92 1.17 -6.65 | 23.26 0.74 -17.26 | 28.53 0.55 -24.36 | 34.00 1.35 -23.68 | 37.51 1.28 -27.77 | 40.61 1.21 -31.45 | 40.66 1.13 -32.18 | 40.48 1.18 -31.55 | 39.49 1.15 -30.75 | 40.54 1.07 -32.47 | 40.59 1.15 -31.89 | 41.48 1.05 -33.66 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 40.90 0.35 -38.28 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.55 0.34 -38.05 | 30.26 0.56 -26.10 | 25.50 0.77 -19.88 |
| CALPINE_BETH_PAGE_GT_4 323586 | 21.73 1.54 -8.52 | 18.35 1.15 -8.39 | 18.53 1.10 -8.91 | 16.06 0.87 -8.31 | 16.92 1.17 -6.65 | 23.26 0.74 -17.26 | 28.53 0.55 -24.36 | 34.00 1.35 -23.68 | 37.51 1.28 -27.77 | 40.61 1.21 -31.45 | 40.66 1.13 -32.18 | 40.48 1.18 -31.55 | 39.49 1.15 -30.75 | 40.54 1.07 -32.47 | 40.59 1.15 -31.89 | 41.48 1.05 -33.66 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 40.90 0.35 -38.28 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.55 0.34 -38.05 | 30.26 0.56 -26.10 | 25.50 0.77 -19.88 |
| CALPINE_BP_GT1 23823 | 21.73 1.54 -8.52 | 18.35 1.15 -8.39 | 18.53 1.10 -8.91 | 16.06 0.87 -8.31 | 16.92 1.17 -6.65 | 23.26 0.74 -17.26 | 28.53 0.55 -24.36 | 34.00 1.35 -23.68 | 37.51 1.28 -27.77 | 40.61 1.21 -31.45 | 40.66 1.13 -32.18 | 40.48 1.18 -31.55 | 39.49 1.15 -30.75 | 40.54 1.07 -32.47 | 40.59 1.15 -31.89 | 41.48 1.05 -33.66 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 40.90 0.35 -38.28 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.55 0.34 -38.05 | 30.26 0.56 -26.10 | 25.50 0.77 -19.88 |
| CALSPAN___DRP 24200 | 13.22 0.28 -1.28 | 10.32 0.25 -1.26 | 10.08 0.22 -1.33 | 8.33 0.21 -1.24 | 10.36 0.18 -1.08 | 9.27 0.29 -3.72 | 19.84 0.13 -16.09 | 21.01 0.21 -11.83 | 24.55 0.10 -16.00 | 26.69 0.03 -18.70 | 29.83 0.08 -22.39 | 28.19 0.04 -20.40 | 28.87 0.05 -21.24 | 31.63 0.03 -24.60 | 28.60 0.04 -21.02 | 28.17 0.07 -21.33 | 25.14 0.09 -16.69 | 26.92 0.09 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.03 -23.92 | 24.87 0.02 -22.68 | 17.26 0.13 -13.54 | 11.61 0.22 -6.53 |
| CANDIGU_WT_PWR 323617 | 13.72 0.36 -1.69 | 10.78 0.29 -1.67 | 10.56 0.26 -1.77 | 8.78 0.24 -1.65 | 10.80 0.26 -1.43 | 10.12 0.30 -4.56 | 20.39 0.17 -16.61 | 21.63 0.37 -12.30 | 25.15 0.26 -16.44 | 27.34 0.21 -19.18 | 30.35 0.22 -22.77 | 28.78 0.20 -20.82 | 29.37 0.19 -21.59 | 32.09 0.17 -24.93 | 29.10 0.18 -21.38 | 28.74 0.19 -21.78 | 25.96 0.23 -17.37 | 27.92 0.26 -19.42 | 26.36 0.07 -24.01 | 27.14 0.07 -24.81 | 30.10 0.16 -24.25 | 25.29 0.06 -23.06 | 17.82 0.16 -14.06 | 12.40 0.25 -7.29 |
| CARR STREET_E__SYR 24060 | 12.37 0.07 -0.63 | 9.48 0.04 -0.62 | 9.21 0.03 -0.66 | 7.53 0.03 -0.61 | 9.68 0.04 -0.55 | 7.72 0.07 -2.40 | 18.68 0.05 -15.01 | 19.89 0.11 -10.82 | 23.60 0.10 -15.05 | 25.69 0.09 -17.65 | 29.00 0.09 -21.55 | 27.31 0.09 -19.46 | 28.16 0.09 -20.48 | 30.98 0.08 -23.90 | 27.88 0.09 -20.25 | 27.19 0.08 -20.34 | 23.66 0.10 -15.21 | 25.10 0.10 -16.75 | 23.98 0.03 -21.68 | 24.28 0.03 -21.99 | 28.95 0.07 -23.19 | 24.04 0.02 -21.85 | 16.04 0.05 -12.40 | 9.79 0.06 -4.87 |
| CARTHAGE___PAPER 23857 | 11.58 -0.29 -0.20 | 8.75 -0.26 -0.20 | 8.48 -0.26 -0.21 | 6.87 -0.21 -0.20 | 9.05 -0.25 -0.21 | 6.31 -0.08 -1.14 | 16.65 -0.01 -13.04 | 18.18 -0.06 -9.27 | 21.60 -0.04 -13.19 | 23.45 -0.01 -15.51 | 26.51 -0.05 -19.20 | 24.95 -0.04 -17.23 | 25.82 -0.04 -18.27 | 28.40 -0.03 -21.43 | 25.53 -0.06 -18.05 | 24.70 -0.07 -18.00 | 21.27 -0.08 -13.00 | 22.37 -0.08 -14.21 | 21.10 -0.02 -18.85 | 21.17 -0.02 -18.93 | 26.43 -0.03 -20.78 | 21.64 -0.01 -19.49 | 14.19 -0.05 -10.64 | 8.25 -0.04 -3.43 |
| CE_DUNWOOD___DRP 24194 | 21.45 1.29 -8.49 | 18.14 0.96 -8.36 | 18.31 0.91 -8.88 | 15.88 0.72 -8.28 | 16.71 0.97 -6.63 | 23.09 0.63 -17.21 | 28.36 0.44 -24.29 | 29.50 1.16 -19.38 | 32.30 1.10 -22.75 | 35.06 1.04 -26.07 | 36.11 0.96 -27.79 | 35.49 1.01 -26.72 | 34.63 0.99 -26.06 | 36.67 0.92 -28.76 | 34.51 0.99 -25.98 | 35.70 0.90 -28.03 | 40.82 1.11 -31.35 | 42.04 1.10 -32.70 | 38.54 0.30 -35.98 | 42.85 0.30 -40.30 | 44.52 0.75 -38.08 | 30.43 0.28 -27.98 | 26.06 0.47 -22.00 | 25.22 0.62 -19.75 |
| CE_MILLWOOD___DRP 24193 | 21.36 1.26 -8.44 | 18.06 0.93 -8.31 | 18.22 0.88 -8.82 | 15.81 0.70 -8.22 | 16.64 0.94 -6.60 | 22.99 0.60 -17.14 | 28.30 0.43 -24.25 | 29.43 1.12 -19.34 | 32.23 1.06 -22.72 | 34.99 1.01 -26.03 | 36.06 0.93 -27.77 | 35.43 0.98 -26.70 | 34.58 0.96 -26.04 | 36.63 0.89 -28.74 | 34.46 0.96 -25.96 | 35.64 0.87 -28.00 | 40.65 1.08 -31.21 | 41.93 1.06 -32.62 | 38.45 0.29 -35.89 | 42.72 0.29 -40.18 | 44.26 0.73 -37.85 | 30.40 0.28 -27.96 | 26.01 0.45 -21.96 | 25.13 0.60 -19.67 |
| CE_NYC2_DRP 24202 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.78 1.06 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| CE_NYC_DRP 24195 | 23.57 1.43 -10.47 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.11 1.26 -21.89 | 35.49 1.20 -25.85 | 42.39 1.14 -33.30 | 41.80 1.06 -33.39 | 43.80 1.11 -34.94 | 44.50 1.09 -35.83 | 45.53 1.01 -37.52 | 45.13 1.09 -36.50 | 45.48 0.99 -37.72 | 45.80 1.22 -36.22 | 45.81 1.20 -36.36 | 42.66 0.33 -40.06 | 43.00 0.33 -40.41 | 44.72 0.82 -38.21 | 37.44 0.31 -34.96 | 34.05 0.51 -29.95 | 29.78 0.68 -24.24 |
| CHAFFEE___LFGE 323603 | 13.33 0.34 -1.32 | 10.41 0.29 -1.30 | 10.17 0.26 -1.38 | 8.41 0.24 -1.29 | 10.45 0.23 -1.12 | 9.39 0.32 -3.82 | 19.93 0.16 -16.15 | 21.20 0.32 -11.91 | 24.74 0.21 -16.08 | 26.87 0.14 -18.78 | 29.99 0.18 -22.46 | 28.36 0.13 -20.47 | 29.03 0.14 -21.30 | 31.77 0.11 -24.66 | 28.75 0.12 -21.08 | 28.33 0.15 -21.41 | 25.31 0.15 -16.80 | 27.11 0.15 -18.71 | 25.71 0.05 -23.39 | 26.36 0.04 -24.07 | 29.72 0.08 -23.96 | 24.93 0.03 -22.74 | 17.37 0.15 -13.62 | 11.76 0.25 -6.66 |
| CHATEAUG_WT_PWR 323614 | 11.12 -0.55 0.00 | 8.41 -0.41 0.00 | 8.14 -0.38 0.00 | 6.57 -0.31 0.00 | 8.70 -0.40 0.00 | 5.02 -0.15 0.09 | 6.96 -0.10 -3.44 | 11.11 -0.24 -2.38 | 11.79 -0.19 -3.53 | 11.95 -0.18 -4.17 | 12.49 -0.17 -5.30 | 12.30 -0.16 -4.71 | 12.48 -0.17 -5.06 | 12.81 -0.17 -5.99 | 12.35 -0.19 -4.99 | 11.49 -0.19 -4.91 | 11.45 -0.23 -3.32 | 11.58 -0.23 -3.57 | 7.18 -0.07 -4.98 | 7.09 -0.07 -4.91 | 11.30 -0.18 -5.79 | 7.47 -0.08 -5.39 | 6.18 -0.16 -2.74 | 5.15 -0.21 -0.50 |
| CHAT_HIGH_FALL_HYD 323578 | 11.07 -0.59 0.00 | 8.38 -0.44 0.00 | 8.10 -0.42 0.00 | 6.55 -0.34 0.00 | 8.67 -0.43 0.00 | 5.04 -0.16 0.05 | 7.15 -0.11 -3.64 | 11.23 -0.26 -2.52 | 11.97 -0.21 -3.73 | 12.16 -0.20 -4.41 | 12.77 -0.18 -5.59 | 12.54 -0.18 -4.97 | 12.74 -0.18 -5.33 | 13.12 -0.18 -6.31 | 12.60 -0.20 -5.26 | 11.75 -0.20 -5.19 | 11.63 -0.25 -3.52 | 11.79 -0.25 -3.79 | 7.46 -0.07 -5.27 | 7.37 -0.08 -5.20 | 11.60 -0.19 -6.10 | 7.76 -0.09 -5.68 | 6.33 -0.17 -2.91 | 5.19 -0.23 -0.56 |
| CHAUTAUQUA___LFGE 323629 | 13.37 0.41 -1.30 | 10.44 0.34 -1.28 | 10.19 0.32 -1.36 | 8.43 0.28 -1.27 | 10.49 0.29 -1.10 | 9.38 0.36 -3.77 | 19.93 0.19 -16.12 | 21.21 0.38 -11.86 | 24.73 0.25 -16.03 | 26.86 0.17 -18.73 | 29.99 0.22 -22.41 | 28.36 0.18 -20.42 | 29.03 0.18 -21.26 | 31.78 0.15 -24.62 | 28.75 0.16 -21.05 | 28.32 0.19 -21.36 | 25.31 0.23 -16.73 | 27.10 0.22 -18.63 | 25.66 0.07 -23.33 | 26.30 0.06 -23.98 | 29.75 0.12 -23.94 | 24.92 0.05 -22.71 | 17.35 0.18 -13.57 | 11.72 0.29 -6.58 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| CH_MIDHUDSON___DRP 24192 | 22.23 1.21 -9.35 | 18.93 0.91 -9.20 | 19.15 0.86 -9.77 | 16.68 0.68 -9.11 | 17.18 0.92 -7.16 | 24.47 0.59 -18.62 | 29.01 0.42 -24.97 | 30.11 1.08 -20.06 | 32.81 1.04 -23.32 | 35.61 0.98 -26.67 | 36.41 0.92 -28.13 | 35.91 0.95 -27.20 | 34.86 0.93 -26.35 | 36.80 0.87 -28.93 | 34.78 0.94 -26.29 | 36.16 0.86 -28.53 | 41.14 1.06 -31.72 | 43.27 1.06 -33.97 | 39.35 0.29 -36.80 | 43.78 0.29 -41.24 | 42.84 0.72 -36.44 | 30.75 0.27 -28.31 | 26.84 0.45 -22.80 | 26.61 0.59 -21.16 |
| CH_MISC_IPPS 23765 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |
| CH_RES_BVR_FALLS 23983 | 10.76 -0.36 0.55 | 8.00 -0.27 0.54 | 7.68 -0.26 0.57 | 6.14 -0.21 0.53 | 8.49 -0.27 0.33 | 4.44 -0.13 0.68 | 12.33 -0.09 -8.80 | 14.79 -0.22 -6.04 | 17.36 -0.19 -9.10 | 18.55 -0.18 -10.77 | 21.01 -0.16 -13.81 | 19.80 -0.16 -12.20 | 20.62 -0.15 -13.18 | 22.52 -0.13 -15.65 | 20.40 -0.14 -13.00 | 19.38 -0.14 -12.74 | 16.59 -0.18 -8.41 | 17.04 -0.18 -8.98 | 14.98 -0.05 -12.76 | 14.68 -0.05 -12.48 | 20.69 -0.13 -15.13 | 16.16 -0.05 -14.04 | 10.48 -0.08 -6.96 | 5.66 -0.11 -0.92 |
| CH_RES_NIAGARA 23895 | 12.81 -0.03 -1.18 | 10.01 0.03 -1.16 | 9.76 0.01 -1.24 | 8.07 0.03 -1.15 | 10.05 -0.05 -1.00 | 8.95 0.15 -3.54 | 19.62 0.02 -15.97 | 20.55 -0.14 -11.73 | 24.11 -0.25 -15.91 | 26.24 -0.30 -18.59 | 29.42 -0.24 -22.30 | 27.75 -0.30 -20.30 | 28.48 -0.27 -21.16 | 31.26 -0.27 -24.53 | 28.22 -0.27 -20.94 | 27.80 -0.20 -21.23 | 24.65 -0.24 -16.54 | 26.41 -0.23 -18.39 | 25.32 -0.06 -23.12 | 25.92 -0.06 -23.73 | 29.33 -0.20 -23.84 | 24.69 -0.07 -22.60 | 17.02 0.00 -13.42 | 11.30 0.08 -6.36 |
| CH_RES_SYRACUSE 23985 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| CLINTON_WT_PWR 323605 | 11.12 -0.55 0.00 | 8.41 -0.41 0.00 | 8.14 -0.38 0.00 | 6.57 -0.31 0.00 | 8.70 -0.40 0.00 | 5.02 -0.15 0.09 | 6.96 -0.10 -3.44 | 11.11 -0.24 -2.38 | 11.79 -0.19 -3.53 | 11.95 -0.18 -4.17 | 12.49 -0.17 -5.30 | 12.30 -0.16 -4.71 | 12.48 -0.17 -5.06 | 12.81 -0.17 -5.99 | 12.35 -0.19 -4.99 | 11.49 -0.19 -4.91 | 11.45 -0.23 -3.32 | 11.58 -0.23 -3.57 | 7.18 -0.07 -4.98 | 7.09 -0.07 -4.91 | 11.30 -0.18 -5.79 | 7.47 -0.08 -5.39 | 6.18 -0.16 -2.74 | 5.15 -0.21 -0.50 |
| CLINTON___LFGE 323618 | 11.18 -0.49 0.00 | 8.45 -0.37 0.00 | 8.17 -0.35 0.00 | 6.60 -0.28 0.00 | 8.74 -0.36 0.00 | 5.07 -0.11 0.08 | 7.04 -0.07 -3.49 | 11.21 -0.18 -2.42 | 11.92 -0.11 -3.58 | 12.08 -0.11 -4.24 | 12.63 -0.10 -5.38 | 12.45 -0.09 -4.77 | 12.63 -0.09 -5.13 | 12.96 -0.11 -6.07 | 12.48 -0.13 -5.06 | 11.61 -0.14 -4.98 | 11.56 -0.18 -3.37 | 11.70 -0.17 -3.63 | 7.27 -0.05 -5.05 | 7.17 -0.06 -4.98 | 11.43 -0.13 -5.87 | 7.56 -0.07 -5.46 | 6.24 -0.14 -2.78 | 5.19 -0.18 -0.52 |
| COLONIE_LFGE___ 323577 | 24.33 0.58 -12.08 | 21.16 0.45 -11.89 | 21.57 0.43 -12.63 | 19.00 0.35 -11.77 | 18.47 0.49 -8.88 | 29.55 0.31 -23.98 | 31.19 0.21 -27.36 | 31.91 0.55 -22.40 | 34.10 0.52 -25.12 | 37.03 0.49 -28.58 | 36.90 0.45 -29.10 | 36.86 0.48 -28.62 | 35.21 0.48 -27.14 | 36.74 0.43 -29.31 | 35.15 0.46 -27.15 | 37.23 0.41 -30.05 | 41.30 0.52 -32.42 | 46.83 0.50 -38.08 | 41.66 0.14 -39.25 | 46.36 0.14 -43.96 | 35.47 0.35 -29.44 | 31.52 0.13 -29.22 | 29.18 0.20 -25.38 | 31.05 0.27 -25.92 |
| CORNELL___ 23752 | 13.55 0.38 -1.50 | 10.56 0.26 -1.48 | 10.34 0.25 -1.57 | 8.55 0.20 -1.46 | 10.64 0.26 -1.28 | 9.64 0.23 -4.16 | 19.97 0.17 -16.17 | 21.36 0.42 -11.97 | 24.97 0.39 -16.13 | 27.15 0.36 -18.84 | 30.18 0.34 -22.48 | 28.62 0.36 -20.51 | 29.25 0.34 -21.32 | 31.97 0.31 -24.67 | 28.97 0.32 -21.11 | 28.51 0.29 -21.45 | 25.62 0.37 -16.90 | 27.47 0.38 -18.84 | 25.87 0.10 -23.50 | 26.55 0.10 -24.20 | 29.93 0.26 -23.99 | 25.04 0.10 -22.77 | 17.45 0.15 -13.70 | 11.86 0.21 -6.79 |
| COXSACKIE___GT 23611 | 22.29 0.88 -9.75 | 19.07 0.65 -9.60 | 19.33 0.62 -10.19 | 16.87 0.49 -9.50 | 17.16 0.66 -7.41 | 25.01 0.44 -19.32 | 29.22 0.31 -25.29 | 30.15 0.82 -20.36 | 32.86 0.80 -23.61 | 35.68 0.75 -26.98 | 36.37 0.71 -28.30 | 35.92 0.73 -27.43 | 34.77 0.70 -26.49 | 36.70 0.69 -29.01 | 34.71 0.73 -26.44 | 36.23 0.68 -28.78 | 40.21 0.84 -31.01 | 43.62 0.84 -34.54 | 39.43 0.22 -36.94 | 43.68 0.24 -41.19 | 39.37 0.59 -33.10 | 30.84 0.21 -28.47 | 27.14 0.34 -23.20 | 27.20 0.44 -21.90 |
| CRESCENT___HYD 24018 | 24.33 0.58 -12.08 | 21.16 0.45 -11.89 | 21.57 0.43 -12.63 | 19.00 0.35 -11.77 | 18.47 0.49 -8.88 | 29.55 0.31 -23.98 | 31.19 0.21 -27.36 | 31.91 0.55 -22.40 | 34.10 0.52 -25.12 | 37.03 0.49 -28.58 | 36.90 0.45 -29.10 | 36.86 0.48 -28.62 | 35.21 0.48 -27.14 | 36.74 0.43 -29.31 | 35.15 0.46 -27.15 | 37.23 0.41 -30.05 | 41.30 0.52 -32.42 | 46.83 0.50 -38.08 | 41.66 0.14 -39.25 | 46.36 0.14 -43.96 | 35.47 0.35 -29.44 | 31.52 0.13 -29.22 | 29.18 0.20 -25.38 | 31.05 0.27 -25.92 |
| CRUCIBLE_METL_DRP 24180 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| DANC___LFGE 323619 | 11.67 -0.25 -0.25 | 8.82 -0.24 -0.25 | 8.55 -0.23 -0.26 | 6.94 -0.19 -0.24 | 9.12 -0.23 -0.24 | 6.34 -0.07 -1.16 | 16.77 0.00 -13.15 | 18.29 -0.04 -9.35 | 21.75 -0.01 -13.30 | 23.62 0.02 -15.64 | 26.70 -0.03 -19.37 | 25.12 -0.02 -17.38 | 26.01 -0.02 -18.43 | 28.61 -0.01 -21.62 | 25.72 -0.04 -18.21 | 24.88 -0.05 -18.16 | 21.41 -0.06 -13.11 | 22.52 -0.06 -14.33 | 21.28 -0.01 -19.02 | 21.34 -0.01 -19.10 | 26.63 -0.01 -20.96 | 21.82 0.00 -19.66 | 14.29 -0.04 -10.74 | 8.29 -0.03 -3.46 |
| DANSKAMMER___1 23586 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |
| DANSKAMMER___2 23589 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |

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|--|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___3 23590 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |
| DANSKAMMER___4 23591 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |
| DANSKAMMER___DIESEL 23592 | 21.77 1.25 -8.85 | 18.46 0.93 -8.72 | 18.65 0.88 -9.26 | 16.21 0.69 -8.63 | 16.89 0.93 -6.86 | 23.68 0.60 -17.83 | 28.63 0.43 -24.58 | 29.79 1.11 -19.71 | 32.53 1.06 -23.03 | 35.32 1.00 -26.36 | 36.25 0.94 -27.95 | 35.69 0.98 -26.95 | 34.73 0.95 -26.20 | 36.74 0.90 -28.84 | 34.65 0.97 -26.13 | 35.94 0.89 -28.27 | 40.65 1.10 -31.19 | 42.62 1.09 -33.29 | 38.83 0.30 -36.27 | 43.11 0.30 -40.56 | 42.78 0.75 -36.35 | 30.58 0.28 -28.14 | 26.44 0.46 -22.39 | 25.90 0.60 -20.44 |
| DASHVILLE___HYD 23610 | 22.01 1.09 -9.26 | 18.74 0.81 -9.12 | 18.97 0.77 -9.68 | 16.51 0.61 -9.02 | 17.02 0.82 -7.10 | 24.25 0.54 -18.45 | 28.89 0.38 -24.89 | 29.93 0.99 -19.98 | 32.61 0.93 -23.23 | 35.41 0.88 -26.58 | 36.27 0.83 -28.08 | 35.74 0.86 -27.12 | 34.73 0.83 -26.30 | 36.70 0.79 -28.91 | 34.64 0.85 -26.24 | 36.00 0.78 -28.45 | 39.66 0.97 -30.33 | 42.83 0.96 -33.63 | 38.78 0.26 -36.25 | 42.83 0.26 -40.31 | 39.41 0.65 -33.07 | 30.67 0.24 -28.26 | 26.66 0.40 -22.66 | 26.31 0.53 -20.92 |
| DELAWARE___LFGE 323621 | 15.49 0.56 -3.27 | 12.44 0.41 -3.22 | 12.34 0.41 -3.41 | 10.40 0.33 -3.18 | 12.38 0.45 -2.82 | 13.11 0.32 -7.53 | 21.37 0.30 -17.45 | 22.73 0.71 -13.06 | 26.27 0.67 -17.16 | 28.57 0.64 -19.97 | 31.33 0.56 -23.41 | 29.87 0.58 -21.53 | 30.31 0.55 -22.16 | 32.96 0.50 -25.47 | 30.03 0.52 -21.97 | 29.76 0.45 -22.53 | 27.40 0.57 -18.48 | 29.59 0.56 -20.79 | 27.64 0.16 -25.22 | 28.68 0.16 -26.26 | 30.90 0.41 -24.80 | 26.02 0.16 -23.69 | 18.76 0.25 -14.92 | 13.76 0.37 -8.53 |
| DOGLEVILLE___HYD 23807 | 11.81 0.43 0.29 | 8.86 0.33 0.29 | 8.55 0.33 0.30 | 6.87 0.28 0.28 | 9.31 0.36 0.16 | 6.05 0.24 -0.55 | 20.01 0.17 -16.22 | 20.79 0.42 -11.40 | 25.39 0.41 -16.53 | 27.83 0.39 -19.48 | 32.14 0.36 -24.42 | 29.93 0.38 -21.79 | 31.22 0.37 -23.26 | 34.73 0.34 -27.40 | 30.86 0.35 -22.96 | 29.83 0.30 -22.77 | 24.65 0.34 -15.95 | 25.87 0.32 -17.30 | 25.84 0.09 -23.49 | 25.72 0.09 -23.38 | 32.44 0.22 -26.53 | 27.05 0.09 -24.79 | 16.84 0.14 -13.11 | 8.45 0.19 -3.41 |
| DUNKIRK___1 23563 | 13.36 0.40 -1.30 | 10.43 0.33 -1.28 | 10.17 0.30 -1.36 | 8.42 0.28 -1.26 | 10.48 0.28 -1.10 | 9.37 0.35 -3.77 | 19.92 0.18 -16.12 | 21.18 0.36 -11.86 | 24.71 0.24 -16.03 | 26.84 0.16 -18.73 | 29.97 0.21 -22.41 | 28.34 0.16 -20.42 | 29.02 0.17 -21.26 | 31.76 0.14 -24.62 | 28.74 0.15 -21.04 | 28.30 0.18 -21.36 | 25.29 0.21 -16.73 | 27.08 0.21 -18.63 | 25.65 0.07 -23.32 | 26.29 0.06 -23.98 | 29.73 0.11 -23.93 | 24.92 0.05 -22.70 | 17.34 0.18 -13.57 | 11.71 0.28 -6.57 |
| DUNKIRK___2 23564 | 13.36 0.40 -1.30 | 10.43 0.33 -1.28 | 10.17 0.30 -1.36 | 8.42 0.28 -1.26 | 10.48 0.28 -1.10 | 9.37 0.35 -3.77 | 19.92 0.18 -16.12 | 21.18 0.36 -11.86 | 24.71 0.24 -16.03 | 26.84 0.16 -18.73 | 29.97 0.21 -22.41 | 28.34 0.16 -20.42 | 29.02 0.17 -21.26 | 31.76 0.14 -24.62 | 28.74 0.15 -21.04 | 28.30 0.18 -21.36 | 25.29 0.21 -16.73 | 27.08 0.21 -18.63 | 25.65 0.07 -23.32 | 26.29 0.06 -23.98 | 29.73 0.11 -23.93 | 24.92 0.05 -22.70 | 17.34 0.18 -13.57 | 11.71 0.28 -6.57 |
| DUNKIRK___3 23565 | 13.30 0.35 -1.28 | 10.38 0.30 -1.26 | 10.13 0.27 -1.34 | 8.38 0.25 -1.25 | 10.43 0.25 -1.09 | 9.32 0.33 -3.74 | 19.88 0.16 -16.10 | 21.11 0.31 -11.84 | 24.65 0.19 -16.01 | 26.77 0.11 -18.71 | 29.92 0.16 -22.40 | 28.28 0.12 -20.40 | 28.96 0.12 -21.24 | 31.70 0.10 -24.61 | 28.68 0.11 -21.03 | 28.24 0.14 -21.34 | 25.21 0.16 -16.70 | 27.00 0.16 -18.59 | 25.61 0.05 -23.29 | 26.24 0.05 -23.94 | 29.69 0.09 -23.92 | 24.89 0.04 -22.69 | 17.30 0.16 -13.55 | 11.66 0.26 -6.54 |
| DUNKIRK___4 23566 | 13.30 0.35 -1.28 | 10.38 0.30 -1.26 | 10.13 0.27 -1.34 | 8.38 0.25 -1.25 | 10.43 0.25 -1.09 | 9.32 0.33 -3.74 | 19.88 0.16 -16.10 | 21.11 0.31 -11.84 | 24.65 0.19 -16.01 | 26.77 0.11 -18.71 | 29.92 0.16 -22.40 | 28.28 0.12 -20.40 | 28.96 0.12 -21.24 | 31.70 0.10 -24.61 | 28.68 0.11 -21.03 | 28.24 0.14 -21.34 | 25.21 0.16 -16.70 | 27.00 0.16 -18.59 | 25.61 0.05 -23.29 | 26.24 0.05 -23.94 | 29.69 0.09 -23.92 | 24.89 0.04 -22.69 | 17.30 0.16 -13.55 | 11.66 0.26 -6.54 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 21.55 1.36 -8.52 | 18.21 1.00 -8.39 | 18.37 0.95 -8.91 | 15.94 0.76 -8.30 | 16.76 1.01 -6.65 | 23.16 0.65 -17.25 | 28.39 0.46 -24.31 | 29.57 1.21 -19.40 | 32.37 1.15 -22.77 | 35.13 1.09 -26.08 | 36.17 1.02 -27.80 | 35.56 1.06 -26.74 | 34.69 1.03 -26.06 | 36.73 0.97 -28.76 | 34.57 1.04 -25.99 | 35.76 0.95 -28.04 | 40.94 1.17 -31.42 | 42.14 1.15 -32.74 | 38.60 0.32 -36.02 | 42.93 0.32 -40.36 | 44.66 0.78 -38.19 | 30.46 0.30 -27.99 | 26.11 0.49 -22.02 | 25.29 0.65 -19.79 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.89 1.11 -8.11 | 17.63 0.83 -7.99 | 17.78 0.78 -8.48 | 15.41 0.62 -7.91 | 16.35 0.84 -6.41 | 22.51 0.55 -16.71 | 28.03 0.39 -24.02 | 29.02 1.00 -19.05 | 31.89 0.95 -22.48 | 34.64 0.91 -25.78 | 35.81 0.85 -27.61 | 35.14 0.88 -26.50 | 34.35 0.86 -25.90 | 36.46 0.81 -28.65 | 34.24 0.87 -25.82 | 35.35 0.80 -27.78 | 38.95 0.99 -29.61 | 41.20 0.97 -31.98 | 37.64 0.27 -35.11 | 41.49 0.27 -38.96 | 40.86 0.66 -34.51 | 30.22 0.25 -27.81 | 25.65 0.41 -21.64 | 24.53 0.54 -19.13 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 21.54 1.34 -8.53 | 18.25 1.03 -8.40 | 18.44 1.00 -8.92 | 16.01 0.81 -8.31 | 16.85 1.09 -6.66 | 23.18 0.66 -17.26 | 28.40 0.47 -24.31 | 29.83 1.21 -19.65 | 32.67 1.14 -23.08 | 35.55 1.07 -26.53 | 36.51 0.99 -28.16 | 35.97 1.02 -27.19 | 35.14 1.00 -26.55 | 37.10 0.94 -29.17 | 35.11 1.01 -26.56 | 36.26 0.92 -28.57 | 41.06 1.14 -31.57 | 42.18 1.12 -32.81 | 38.81 0.31 -36.23 | 42.93 0.31 -40.37 | 44.66 0.77 -38.21 | 31.15 0.29 -28.69 | 26.49 0.49 -22.41 | 25.38 0.65 -19.87 |
| EAST HAMPTON___GT 23717 | 21.95 1.76 -8.52 | 18.52 1.31 -8.39 | 18.72 1.29 -8.91 | 16.22 1.03 -8.31 | 17.11 1.36 -6.65 | 23.38 0.86 -17.26 | 28.66 0.68 -24.35 | 33.52 1.79 -22.76 | 37.28 1.71 -27.11 | 40.80 1.61 -31.23 | 41.24 1.50 -32.38 | 41.09 1.56 -31.78 | 40.07 1.50 -30.98 | 41.05 1.39 -32.66 | 41.21 1.49 -32.17 | 42.08 1.38 -33.93 | 42.20 1.72 -32.12 | 42.77 1.71 -32.82 | 41.12 0.47 -38.38 | 43.09 0.47 -40.37 | 45.10 1.20 -38.22 | 41.09 0.44 -38.49 | 29.72 0.70 -25.41 | 25.65 0.91 -19.88 |
| EAST RIVER___6 23660 | 23.57 1.42 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.26 -22.02 | 35.66 1.20 -26.01 | 42.78 1.14 -33.69 | 42.10 1.06 -33.69 | 44.25 1.11 -35.38 | 45.03 1.09 -36.36 | 46.00 1.01 -38.00 | 45.70 1.09 -37.07 | 46.00 0.99 -38.24 | 46.06 1.22 -36.48 | 46.01 1.20 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.72 0.82 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.01 0.67 -24.48 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST RIVER___7 23524 | 23.57 1.42 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.26 -22.02 | 35.66 1.20 -26.01 | 42.78 1.14 -33.69 | 42.10 1.06 -33.69 | 44.25 1.11 -35.38 | 45.03 1.09 -36.36 | 46.00 1.01 -38.00 | 45.70 1.09 -37.07 | 46.00 0.99 -38.24 | 46.06 1.22 -36.48 | 46.01 1.20 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.72 0.82 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.01 0.67 -24.48 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 21.45 1.29 -8.49 | 18.14 0.96 -8.36 | 18.31 0.91 -8.88 | 15.88 0.72 -8.28 | 16.71 0.97 -6.63 | 23.09 0.63 -17.21 | 28.36 0.44 -24.29 | 29.50 1.16 -19.38 | 32.30 1.10 -22.75 | 35.06 1.04 -26.07 | 36.11 0.96 -27.79 | 35.49 1.01 -26.72 | 34.63 0.99 -26.06 | 36.67 0.92 -28.76 | 34.51 0.99 -25.98 | 35.70 0.90 -28.03 | 40.82 1.11 -31.35 | 42.04 1.10 -32.70 | 38.54 0.30 -35.98 | 42.85 0.30 -40.30 | 44.52 0.75 -38.08 | 30.43 0.28 -27.98 | 26.06 0.47 -22.00 | 25.22 0.62 -19.75 |
| EAST_HAMPTON___DIESEL 23722 | 21.95 1.76 -8.52 | 18.52 1.31 -8.39 | 18.72 1.29 -8.91 | 16.22 1.03 -8.31 | 17.11 1.36 -6.65 | 23.38 0.86 -17.26 | 28.66 0.68 -24.35 | 33.52 1.79 -22.76 | 37.28 1.71 -27.11 | 40.80 1.61 -31.23 | 41.24 1.50 -32.38 | 41.09 1.56 -31.78 | 40.07 1.50 -30.98 | 41.05 1.39 -32.66 | 41.21 1.49 -32.17 | 42.08 1.38 -33.93 | 42.20 1.72 -32.12 | 42.77 1.71 -32.82 | 41.12 0.47 -38.38 | 43.10 0.48 -40.37 | 45.10 1.20 -38.22 | 41.09 0.44 -38.49 | 29.72 0.70 -25.41 | 25.65 0.91 -19.88 |
| EAST_RIVER___1 323558 | 23.57 1.43 -10.47 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.11 1.26 -21.89 | 35.49 1.20 -25.85 | 42.39 1.14 -33.30 | 41.80 1.06 -33.39 | 43.80 1.11 -34.94 | 44.50 1.09 -35.83 | 45.53 1.01 -37.52 | 45.13 1.09 -36.50 | 45.48 0.99 -37.72 | 45.80 1.22 -36.22 | 45.81 1.20 -36.36 | 42.66 0.33 -40.06 | 43.00 0.33 -40.41 | 44.72 0.82 -38.21 | 37.44 0.31 -34.96 | 34.05 0.51 -29.95 | 29.78 0.68 -24.24 |
| EAST_RIVER___2 323559 | 23.57 1.42 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.26 -22.02 | 35.66 1.20 -26.01 | 42.78 1.14 -33.69 | 42.10 1.06 -33.69 | 44.25 1.11 -35.38 | 45.03 1.09 -36.36 | 46.00 1.01 -38.00 | 45.70 1.09 -37.07 | 46.00 0.99 -38.24 | 46.06 1.22 -36.48 | 46.01 1.20 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.72 0.82 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.01 0.67 -24.48 |
| EAST___DELAWARE_HYD 23607 | 21.34 0.44 -9.23 | 18.22 0.32 -9.09 | 18.45 0.28 -9.65 | 16.08 0.21 -8.99 | 16.47 0.28 -7.09 | 23.87 0.22 -18.40 | 28.66 0.17 -24.87 | 29.43 0.51 -19.95 | 32.16 0.51 -23.20 | 34.99 0.49 -26.55 | 35.90 0.48 -28.07 | 35.34 0.48 -27.10 | 34.34 0.46 -26.29 | 36.39 0.49 -28.90 | 34.29 0.51 -26.23 | 35.69 0.49 -28.43 | 39.28 0.62 -30.30 | 42.43 0.61 -33.57 | 38.63 0.15 -36.21 | 42.68 0.17 -40.26 | 39.20 0.41 -33.10 | 30.55 0.14 -28.25 | 26.44 0.22 -22.63 | 25.99 0.27 -20.86 |
| ELEC_TRO_TEK 24086 | 21.64 1.45 -8.53 | 18.28 1.07 -8.39 | 18.45 1.02 -8.91 | 16.00 0.81 -8.31 | 16.84 1.08 -6.66 | 23.21 0.69 -17.26 | 28.51 0.52 -24.37 | 35.05 1.33 -24.76 | 38.14 1.25 -28.44 | 40.62 1.19 -31.48 | 40.14 1.10 -31.68 | 39.89 1.16 -30.98 | 38.91 1.13 -30.18 | 40.06 1.05 -32.01 | 39.86 1.13 -31.19 | 40.80 1.03 -33.00 | 41.74 1.27 -32.12 | 42.34 1.28 -32.82 | 40.62 0.34 -38.01 | 42.97 0.35 -40.37 | 44.77 0.87 -38.22 | 39.44 0.32 -36.95 | 30.96 0.54 -26.83 | 25.48 0.74 -19.88 |
| ELLENBURG_WT_PWR 323604 | 11.12 -0.55 0.00 | 8.41 -0.41 0.00 | 8.14 -0.38 0.00 | 6.57 -0.31 0.00 | 8.70 -0.40 0.00 | 5.02 -0.15 0.09 | 6.96 -0.10 -3.44 | 11.11 -0.24 -2.38 | 11.79 -0.19 -3.53 | 11.95 -0.18 -4.17 | 12.49 -0.17 -5.30 | 12.30 -0.16 -4.71 | 12.48 -0.17 -5.06 | 12.81 -0.17 -5.99 | 12.35 -0.19 -4.99 | 11.49 -0.19 -4.91 | 11.45 -0.23 -3.32 | 11.58 -0.23 -3.57 | 7.18 -0.07 -4.98 | 7.09 -0.07 -4.91 | 11.30 -0.18 -5.79 | 7.47 -0.08 -5.39 | 6.18 -0.16 -2.74 | 5.15 -0.21 -0.50 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 13.15 0.23 -1.25 | 10.26 0.21 -1.23 | 10.02 0.19 -1.31 | 8.28 0.18 -1.22 | 10.31 0.15 -1.06 | 9.20 0.27 -3.68 | 19.80 0.12 -16.06 | 20.94 0.17 -11.81 | 24.49 0.06 -15.98 | 26.61 -0.02 -18.67 | 29.76 0.04 -22.37 | 28.12 -0.01 -20.37 | 28.81 0.00 -21.22 | 31.57 -0.01 -24.59 | 28.54 -0.01 -21.00 | 28.11 0.03 -21.30 | 25.05 0.04 -16.65 | 26.82 0.04 -18.53 | 25.53 0.02 -23.24 | 26.15 0.01 -23.88 | 29.58 0.00 -23.90 | 24.83 0.00 -22.66 | 17.21 0.11 -13.51 | 11.55 0.20 -6.49 |
| EMPIRE_CC_1 323656 | 23.40 0.65 -11.08 | 20.23 0.50 -10.91 | 20.58 0.48 -11.59 | 18.08 0.39 -10.80 | 17.88 0.55 -8.23 | 26.91 0.34 -21.31 | 30.12 0.20 -26.30 | 30.79 0.49 -21.33 | 33.24 0.46 -24.33 | 36.14 0.44 -27.75 | 36.51 0.40 -28.76 | 36.22 0.42 -28.04 | 34.88 0.41 -26.88 | 36.65 0.38 -29.27 | 34.80 0.40 -26.85 | 36.56 0.37 -29.43 | 39.46 0.45 -30.65 | 44.70 0.44 -36.01 | 40.09 0.12 -37.70 | 44.25 0.12 -41.87 | 34.86 0.31 -28.87 | 31.19 0.12 -28.91 | 27.97 0.19 -24.18 | 28.72 0.26 -23.60 |
| EMPIRE_CC_2 323658 | 23.40 0.65 -11.08 | 20.23 0.50 -10.91 | 20.58 0.48 -11.59 | 18.08 0.39 -10.80 | 17.88 0.55 -8.23 | 26.91 0.34 -21.31 | 30.12 0.20 -26.30 | 30.79 0.49 -21.33 | 33.24 0.46 -24.33 | 36.14 0.44 -27.75 | 36.51 0.40 -28.76 | 36.22 0.42 -28.04 | 34.88 0.41 -26.88 | 36.65 0.38 -29.27 | 34.80 0.40 -26.85 | 36.56 0.37 -29.43 | 39.46 0.45 -30.65 | 44.70 0.44 -36.01 | 40.09 0.12 -37.70 | 44.25 0.12 -41.87 | 34.86 0.31 -28.87 | 31.19 0.12 -28.91 | 27.97 0.19 -24.18 | 28.72 0.26 -23.60 |
| ERIE_WT_PWR 323693 | 13.23 0.29 -1.28 | 10.33 0.26 -1.26 | 10.08 0.23 -1.33 | 8.34 0.21 -1.24 | 10.37 0.19 -1.08 | 9.27 0.29 -3.72 | 19.85 0.13 -16.09 | 21.02 0.22 -11.83 | 24.57 0.12 -16.00 | 26.69 0.04 -18.70 | 29.84 0.09 -22.39 | 28.20 0.05 -20.40 | 28.88 0.05 -21.24 | 31.64 0.04 -24.60 | 28.61 0.05 -21.02 | 28.18 0.08 -21.33 | 25.15 0.10 -16.69 | 26.93 0.10 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.04 -23.92 | 24.87 0.02 -22.68 | 17.27 0.13 -13.54 | 11.61 0.23 -6.53 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 13.49 0.35 -1.48 | 10.51 0.24 -1.46 | 10.30 0.23 -1.55 | 8.51 0.19 -1.44 | 10.60 0.25 -1.26 | 9.58 0.22 -4.11 | 19.91 0.16 -16.13 | 21.29 0.39 -11.94 | 24.90 0.35 -16.09 | 27.09 0.33 -18.80 | 30.12 0.31 -22.45 | 28.56 0.33 -20.48 | 29.20 0.31 -21.29 | 31.92 0.28 -24.64 | 28.92 0.29 -21.08 | 28.46 0.27 -21.42 | 25.54 0.33 -16.85 | 27.38 0.35 -18.78 | 25.81 0.10 -23.44 | 26.48 0.10 -24.13 | 29.89 0.24 -23.96 | 25.00 0.09 -22.74 | 17.40 0.14 -13.66 | 11.79 0.19 -6.74 |
| E_CANADA_CAP_HY 24051 | 26.65 0.27 -14.71 | 23.49 0.19 -14.49 | 24.08 0.18 -15.38 | 21.38 0.16 -14.34 | 20.11 0.25 -10.75 | 35.63 0.19 -30.19 | 31.71 0.24 -27.85 | 32.51 0.65 -22.89 | 34.61 0.67 -25.49 | 37.59 0.68 -28.96 | 37.18 0.56 -29.26 | 37.28 0.62 -28.90 | 35.52 0.64 -27.28 | 36.93 0.59 -29.34 | 35.42 0.57 -27.31 | 37.60 0.49 -30.34 | 41.95 0.62 -32.98 | 47.84 0.59 -39.00 | 42.33 0.18 -39.89 | 47.21 0.18 -44.77 | 35.19 0.48 -29.02 | 31.71 0.16 -29.38 | 29.73 0.20 -25.93 | 32.06 0.23 -26.97 |
| E_CANADA_MHWK_HY 24050 | 11.81 0.43 0.29 | 8.86 0.33 0.29 | 8.55 0.33 0.30 | 6.87 0.28 0.28 | 9.31 0.36 0.16 | 6.05 0.24 -0.55 | 20.01 0.17 -16.22 | 20.79 0.42 -11.40 | 25.39 0.41 -16.53 | 27.83 0.39 -19.48 | 32.14 0.36 -24.42 | 29.93 0.38 -21.79 | 31.22 0.37 -23.26 | 34.73 0.34 -27.40 | 30.86 0.35 -22.96 | 29.83 0.30 -22.77 | 24.65 0.34 -15.95 | 25.87 0.32 -17.30 | 25.84 0.09 -23.49 | 25.72 0.09 -23.38 | 32.44 0.22 -26.53 | 27.05 0.09 -24.79 | 16.84 0.14 -13.11 | 8.45 0.19 -3.41 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| E_FISHKILL___LBMP 23776 | 21.93 1.19 -9.08 | 18.64 0.89 -8.94 | 18.85 0.84 -9.49 | 16.40 0.67 -8.85 | 16.99 0.90 -6.99 | 23.90 0.58 -18.06 | 28.76 0.41 -24.73 | 29.83 1.06 -19.80 | 32.56 1.01 -23.10 | 35.34 0.95 -26.44 | 36.25 0.88 -28.01 | 35.69 0.91 -27.02 | 34.73 0.90 -26.25 | 36.72 0.83 -28.88 | 34.62 0.90 -26.18 | 35.93 0.82 -28.34 | 42.21 1.01 -32.84 | 42.82 1.00 -33.58 | 39.41 0.27 -36.87 | 44.13 0.27 -41.60 | 46.96 0.68 -40.60 | 30.62 0.26 -28.20 | 26.50 0.42 -22.48 | 26.00 0.57 -20.58 |
| FAR ROCKAWAY___4 23548 | 21.84 1.65 -8.53 | 18.43 1.22 -8.39 | 18.60 1.17 -8.91 | 16.12 0.93 -8.31 | 17.00 1.24 -6.66 | 23.30 0.78 -17.26 | 28.61 0.59 -24.41 | 38.74 1.51 -28.26 | 41.10 1.43 -31.22 | 42.30 1.35 -33.00 | 40.37 1.27 -31.74 | 40.14 1.33 -31.06 | 39.15 1.30 -30.26 | 40.28 1.20 -32.08 | 40.12 1.30 -31.28 | 41.03 1.18 -33.09 | 41.94 1.46 -32.12 | 42.52 1.46 -32.82 | 40.71 0.40 -38.04 | 43.02 0.40 -40.37 | 44.90 1.00 -38.22 | 39.64 0.38 -37.10 | 33.82 0.61 -29.61 | 25.58 0.84 -19.88 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 23.59 1.45 -10.48 | 18.28 1.07 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.83 1.07 -6.66 | 23.21 0.69 -17.26 | 28.43 0.49 -24.32 | 32.26 1.27 -22.02 | 35.67 1.21 -26.01 | 42.79 1.15 -33.69 | 42.11 1.07 -33.69 | 44.26 1.12 -35.38 | 45.04 1.09 -36.36 | 46.01 1.01 -38.00 | 45.72 1.09 -37.08 | 46.01 1.00 -38.24 | 46.07 1.23 -36.48 | 46.02 1.21 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.73 0.83 -38.21 | 37.82 0.31 -35.34 | 34.49 0.51 -30.38 | 30.02 0.68 -24.48 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 23.59 1.45 -10.48 | 18.28 1.07 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.83 1.07 -6.66 | 23.21 0.69 -17.26 | 28.42 0.49 -24.32 | 32.26 1.26 -22.02 | 35.67 1.21 -26.01 | 42.78 1.14 -33.69 | 42.11 1.06 -33.69 | 44.25 1.11 -35.38 | 45.04 1.09 -36.36 | 46.01 1.01 -38.00 | 45.71 1.09 -37.08 | 46.00 0.99 -38.24 | 46.06 1.22 -36.48 | 46.01 1.20 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.72 0.82 -38.21 | 37.82 0.31 -35.34 | 34.49 0.51 -30.38 | 30.02 0.68 -24.48 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.25 1.26 -22.02 | 35.66 1.20 -26.01 | 42.78 1.14 -33.69 | 42.10 1.05 -33.69 | 44.24 1.10 -35.38 | 45.03 1.08 -36.36 | 46.00 1.00 -38.00 | 45.70 1.08 -37.08 | 46.00 0.98 -38.24 | 46.05 1.21 -36.48 | 46.00 1.20 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.72 0.82 -38.21 | 37.82 0.31 -35.34 | 34.49 0.51 -30.38 | 30.02 0.67 -24.48 |
| FARRAGUT___LBMP 323566 | 23.58 1.43 -10.48 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.24 1.25 -22.02 | 35.66 1.19 -26.01 | 42.77 1.13 -33.69 | 42.09 1.04 -33.69 | 44.24 1.09 -35.38 | 45.02 1.07 -36.36 | 45.99 0.99 -38.00 | 45.69 1.07 -37.08 | 45.99 0.98 -38.24 | 46.05 1.20 -36.48 | 45.99 1.19 -36.56 | 42.88 0.33 -40.28 | 43.00 0.33 -40.42 | 44.71 0.81 -38.21 | 37.82 0.31 -35.34 | 34.48 0.51 -30.38 | 30.02 0.67 -24.48 |
| FENNER___WINDPWR 24204 | 12.31 0.25 -0.40 | 9.38 0.17 -0.39 | 9.10 0.16 -0.42 | 7.40 0.13 -0.39 | 9.66 0.18 -0.38 | 7.33 0.15 -1.92 | 19.30 0.12 -15.56 | 20.39 0.28 -11.15 | 24.41 0.27 -15.69 | 26.64 0.26 -18.43 | 30.25 0.23 -22.66 | 28.39 0.24 -20.40 | 29.38 0.24 -21.55 | 32.43 0.22 -25.22 | 29.07 0.23 -21.30 | 28.28 0.20 -21.32 | 24.25 0.25 -15.65 | 25.66 0.25 -17.17 | 24.85 0.07 -22.51 | 25.04 0.07 -22.71 | 30.32 0.18 -24.46 | 25.22 0.07 -22.99 | 16.49 0.10 -12.79 | 9.56 0.15 -4.55 |
| FIBERTEK___ENERGY 23856 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| FITZPATRICK____ 23598 | 11.94 -0.19 -0.46 | 9.13 -0.14 -0.45 | 8.87 -0.14 -0.48 | 7.22 -0.11 -0.45 | 9.34 -0.15 -0.40 | 7.23 -0.05 -2.03 | 17.61 -0.04 -14.03 | 18.94 -0.12 -10.09 | 22.43 -0.13 -14.10 | 24.39 -0.12 -16.55 | 27.52 -0.11 -20.27 | 25.92 -0.12 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.48 -0.11 -19.05 | 25.78 -0.10 -19.11 | 22.40 -0.13 -14.17 | 23.71 -0.12 -15.58 | 22.52 -0.03 -20.28 | 22.75 -0.03 -20.53 | 27.44 -0.09 -21.84 | 22.70 -0.03 -20.56 | 15.12 -0.04 -11.57 | 9.16 -0.05 -4.36 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 21.85 1.27 -8.91 | 18.53 0.94 -8.77 | 18.73 0.89 -9.32 | 16.28 0.71 -8.68 | 16.94 0.95 -6.89 | 23.77 0.61 -17.91 | 28.68 0.43 -24.63 | 29.84 1.13 -19.74 | 32.58 1.07 -23.06 | 35.36 1.02 -26.39 | 36.28 0.96 -27.97 | 35.73 0.99 -26.98 | 34.77 0.96 -26.21 | 36.77 0.92 -28.85 | 34.68 0.99 -26.15 | 35.97 0.91 -28.30 | 40.86 1.12 -31.38 | 42.72 1.11 -33.36 | 38.93 0.30 -36.36 | 43.26 0.31 -40.70 | 43.19 0.76 -36.75 | 30.60 0.28 -28.16 | 26.49 0.46 -22.43 | 25.97 0.61 -20.50 |
| FORT ORANGE____ 23900 | 23.58 0.57 -11.34 | 20.41 0.43 -11.17 | 20.78 0.41 -11.86 | 18.27 0.34 -11.05 | 17.97 0.46 -8.41 | 27.82 0.32 -22.25 | 30.46 0.22 -26.62 | 31.19 0.57 -21.66 | 33.57 0.55 -24.57 | 36.47 0.52 -28.00 | 36.67 0.48 -28.84 | 36.46 0.50 -28.21 | 35.02 0.49 -26.94 | 36.70 0.45 -29.25 | 34.96 0.49 -26.92 | 36.81 0.44 -29.60 | 40.46 0.54 -31.56 | 45.50 0.54 -36.71 | 40.71 0.15 -38.30 | 45.14 0.15 -42.74 | 36.01 0.37 -29.96 | 31.28 0.14 -28.98 | 28.38 0.22 -24.56 | 29.53 0.29 -24.38 |
| FORT_DRUM_COGEN 23780 | 11.63 -0.27 -0.24 | 8.80 -0.25 -0.23 | 8.53 -0.24 -0.25 | 6.92 -0.19 -0.23 | 9.09 -0.25 -0.23 | 6.33 -0.07 -1.15 | 16.74 0.00 -13.12 | 18.25 -0.05 -9.33 | 21.70 -0.03 -13.27 | 23.57 0.01 -15.61 | 26.65 -0.04 -19.33 | 25.08 -0.02 -17.34 | 25.96 -0.02 -18.39 | 28.54 -0.03 -21.57 | 25.66 -0.05 -18.17 | 24.82 -0.07 -18.12 | 21.37 -0.07 -13.08 | 22.47 -0.07 -14.30 | 21.23 -0.02 -18.98 | 21.29 -0.02 -19.06 | 26.57 -0.02 -20.91 | 21.77 -0.01 -19.61 | 14.26 -0.05 -10.71 | 8.27 -0.04 -3.45 |
| FPL_FAR_ROCK_GT1 24212 | 21.84 1.65 -8.53 | 18.43 1.22 -8.39 | 18.60 1.17 -8.91 | 16.12 0.93 -8.31 | 17.00 1.24 -6.66 | 23.30 0.78 -17.26 | 28.61 0.59 -24.41 | 38.74 1.51 -28.26 | 41.10 1.43 -31.22 | 42.30 1.35 -33.00 | 40.37 1.27 -31.74 | 40.14 1.33 -31.06 | 39.15 1.30 -30.26 | 40.28 1.20 -32.08 | 40.12 1.30 -31.28 | 41.03 1.18 -33.09 | 41.94 1.46 -32.12 | 42.52 1.46 -32.82 | 40.71 0.40 -38.04 | 43.02 0.40 -40.37 | 44.90 1.00 -38.22 | 39.64 0.38 -37.10 | 33.82 0.61 -29.61 | 25.58 0.84 -19.88 |
| FPL_FAR_ROCK_GT2 23815 | 21.84 1.65 -8.53 | 18.43 1.22 -8.39 | 18.60 1.17 -8.91 | 16.12 0.93 -8.31 | 17.00 1.24 -6.66 | 23.30 0.78 -17.26 | 28.61 0.59 -24.41 | 38.74 1.51 -28.26 | 41.10 1.43 -31.22 | 42.30 1.35 -33.00 | 40.37 1.27 -31.74 | 40.14 1.33 -31.06 | 39.15 1.30 -30.26 | 40.28 1.20 -32.08 | 40.12 1.30 -31.28 | 41.03 1.18 -33.09 | 41.94 1.46 -32.12 | 42.52 1.46 -32.82 | 40.71 0.40 -38.04 | 43.02 0.40 -40.37 | 44.90 1.00 -38.22 | 39.64 0.38 -37.10 | 33.82 0.61 -29.61 | 25.58 0.84 -19.88 |
| FRANKLIN_FALL_HYD 24054 | 10.98 -0.69 0.00 | 8.29 -0.53 0.00 | 8.02 -0.50 0.00 | 6.48 -0.41 0.00 | 8.58 -0.52 0.00 | 5.08 -0.19 -0.02 | 7.60 -0.13 -4.11 | 11.50 -0.33 -2.87 | 12.40 -0.26 -4.21 | 12.67 -0.25 -4.97 | 13.40 -0.24 -6.29 | 13.11 -0.23 -5.59 | 13.35 -0.24 -5.99 | 13.83 -0.25 -7.08 | 13.18 -0.27 -5.91 | 12.34 -0.27 -5.84 | 12.04 -0.32 -4.00 | 12.25 -0.31 -4.32 | 8.13 -0.09 -5.96 | 8.05 -0.10 -5.89 | 12.32 -0.22 -6.85 | 8.45 -0.10 -6.38 | 6.69 -0.20 -3.30 | 5.31 -0.26 -0.71 |

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| FREEPORT_EQUS_GT1 23764 | 21.73 1.54 -8.53 | 18.35 1.15 -8.39 | 18.53 1.10 -8.91 | 16.06 0.87 -8.31 | 16.91 1.16 -6.65 | 23.26 0.74 -17.26 | 28.55 0.56 -24.37 | 35.17 1.41 -24.80 | 38.40 1.33 -28.62 | 41.06 1.26 -31.86 | 40.63 1.17 -32.10 | 40.44 1.23 -31.46 | 39.45 1.20 -30.67 | 40.52 1.12 -32.40 | 40.52 1.20 -31.78 | 41.43 1.10 -33.56 | 41.84 1.36 -32.12 | 42.41 1.35 -32.82 | 40.87 0.37 -38.23 | 42.99 0.37 -40.37 | 44.83 0.93 -38.22 | 40.39 0.35 -37.88 | 31.13 0.58 -26.96 | 25.52 0.79 -19.88 |
| FREEPORT___CT2 23818 | 21.73 1.54 -8.53 | 18.35 1.15 -8.39 | 18.53 1.10 -8.91 | 16.06 0.87 -8.31 | 16.91 1.16 -6.65 | 23.26 0.74 -17.26 | 28.55 0.56 -24.37 | 35.17 1.41 -24.80 | 38.40 1.33 -28.62 | 41.06 1.26 -31.86 | 40.63 1.17 -32.10 | 40.44 1.23 -31.46 | 39.45 1.20 -30.67 | 40.52 1.12 -32.40 | 40.52 1.20 -31.78 | 41.43 1.10 -33.56 | 41.84 1.36 -32.12 | 42.41 1.35 -32.82 | 40.87 0.37 -38.23 | 42.99 0.37 -40.37 | 44.83 0.93 -38.22 | 40.39 0.35 -37.88 | 31.13 0.58 -26.96 | 25.52 0.79 -19.88 |
| FULTON COGEN____ 23766 | 12.20 -0.05 -0.58 | 9.33 -0.05 -0.57 | 9.07 -0.05 -0.60 | 7.41 -0.04 -0.56 | 9.54 -0.06 -0.50 | 7.52 0.01 -2.26 | 17.99 0.00 -14.37 | 19.31 0.00 -10.35 | 22.85 -0.01 -14.41 | 24.85 -0.01 -16.90 | 27.99 -0.01 -20.64 | 26.39 0.00 -18.64 | 27.21 0.00 -19.62 | 29.90 0.00 -22.90 | 26.93 -0.01 -19.40 | 26.25 0.00 -19.48 | 22.90 0.00 -14.54 | 24.27 0.01 -16.02 | 23.02 0.00 -20.75 | 23.30 0.00 -21.04 | 27.91 0.00 -22.22 | 23.10 0.00 -20.94 | 15.46 0.00 -11.86 | 9.48 0.00 -4.62 |
| FULTON___LFGE 323630 | 26.42 0.79 -13.96 | 23.15 0.59 -13.75 | 23.68 0.56 -14.60 | 20.97 0.48 -13.61 | 20.00 0.69 -10.21 | 34.11 0.42 -28.44 | 31.88 0.41 -27.85 | 32.99 1.14 -22.89 | 35.06 1.12 -25.49 | 38.02 1.10 -28.96 | 37.57 0.95 -29.26 | 37.71 1.05 -28.90 | 35.95 1.07 -27.28 | 37.31 0.97 -29.34 | 35.83 0.97 -27.31 | 37.97 0.86 -30.34 | 42.43 1.09 -32.98 | 48.31 1.06 -39.00 | 42.46 0.31 -39.89 | 47.34 0.31 -44.77 | 35.52 0.81 -29.02 | 31.82 0.28 -29.38 | 29.90 0.38 -25.93 | 32.27 0.44 -26.97 |
| G.F.CEMENT___DRP 24184 | 24.57 0.77 -12.13 | 21.35 0.59 -11.95 | 21.76 0.55 -12.68 | 19.18 0.47 -11.82 | 18.67 0.66 -8.92 | 29.81 0.38 -24.17 | 31.23 0.22 -27.39 | 32.00 0.60 -22.43 | 34.20 0.61 -25.14 | 37.12 0.57 -28.60 | 36.97 0.51 -29.10 | 36.84 0.53 -28.56 | 35.19 0.50 -27.10 | 36.74 0.46 -29.28 | 35.13 0.48 -27.11 | 37.28 0.45 -30.06 | 41.56 0.57 -32.63 | 46.95 0.55 -38.16 | 41.77 0.16 -39.34 | 46.52 0.15 -44.11 | 35.98 0.40 -29.90 | 31.53 0.15 -29.22 | 29.21 0.21 -25.41 | 31.12 0.27 -25.99 |
| GARDENVILLE___LBMP 24039 | 13.18 0.25 -1.27 | 10.29 0.23 -1.25 | 10.05 0.20 -1.33 | 8.31 0.19 -1.24 | 10.34 0.16 -1.08 | 9.24 0.28 -3.71 | 19.82 0.12 -16.08 | 20.98 0.19 -11.82 | 24.52 0.08 -15.99 | 26.65 0.01 -18.69 | 29.80 0.06 -22.38 | 28.15 0.01 -20.39 | 28.85 0.02 -21.23 | 31.60 0.01 -24.60 | 28.57 0.01 -21.02 | 28.15 0.05 -21.32 | 25.10 0.07 -16.68 | 26.88 0.07 -18.57 | 25.56 0.02 -23.27 | 26.18 0.02 -23.91 | 29.61 0.02 -23.91 | 24.85 0.01 -22.68 | 17.24 0.12 -13.53 | 11.59 0.21 -6.52 |
| GENERAL___MILLS 23808 | 13.22 0.28 -1.28 | 10.32 0.25 -1.26 | 10.08 0.22 -1.33 | 8.33 0.21 -1.24 | 10.36 0.18 -1.08 | 9.27 0.29 -3.72 | 19.84 0.13 -16.09 | 21.01 0.21 -11.83 | 24.55 0.10 -16.00 | 26.69 0.03 -18.70 | 29.83 0.08 -22.39 | 28.19 0.04 -20.40 | 28.87 0.05 -21.24 | 31.63 0.03 -24.60 | 28.60 0.04 -21.02 | 28.17 0.07 -21.33 | 25.14 0.09 -16.69 | 26.92 0.09 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.03 -23.92 | 24.87 0.02 -22.68 | 17.26 0.13 -13.54 | 11.61 0.22 -6.53 |
| GE_PLASTICS___DRP 24183 | 23.59 0.53 -11.39 | 20.43 0.40 -11.22 | 20.82 0.38 -11.91 | 18.30 0.32 -11.10 | 17.97 0.44 -8.44 | 27.81 0.32 -22.24 | 30.47 0.21 -26.64 | 31.19 0.55 -21.67 | 33.57 0.53 -24.59 | 36.47 0.50 -28.02 | 36.68 0.46 -28.86 | 36.47 0.48 -28.23 | 35.03 0.48 -26.96 | 36.70 0.43 -29.27 | 34.96 0.48 -26.95 | 36.82 0.43 -29.63 | 40.06 0.53 -31.18 | 45.46 0.52 -36.70 | 40.61 0.14 -38.20 | 44.93 0.14 -42.53 | 34.92 0.35 -28.88 | 31.30 0.14 -29.00 | 28.39 0.22 -24.58 | 29.54 0.29 -24.39 |
| GILBOA___1 23756 | 20.79 0.62 -8.50 | 17.65 0.46 -8.37 | 17.88 0.47 -8.89 | 15.55 0.38 -8.29 | 16.12 0.51 -6.51 | 22.40 0.35 -16.80 | 28.05 0.24 -24.19 | 28.84 0.61 -19.26 | 31.71 0.57 -22.69 | 34.50 0.54 -26.00 | 35.66 0.50 -27.80 | 34.98 0.52 -26.70 | 34.18 0.51 -26.08 | 36.27 0.45 -28.82 | 34.05 0.51 -26.00 | 35.22 0.45 -28.00 | 35.71 0.55 -26.80 | 40.84 0.54 -32.05 | 36.90 0.15 -34.48 | 39.96 0.15 -37.56 | 32.23 0.37 -26.18 | 30.32 0.15 -28.00 | 25.71 0.24 -21.87 | 24.63 0.33 -19.44 |
| GILBOA___2 23757 | 20.79 0.62 -8.50 | 17.65 0.46 -8.37 | 17.88 0.47 -8.89 | 15.55 0.38 -8.29 | 16.12 0.51 -6.51 | 22.40 0.35 -16.80 | 28.05 0.24 -24.19 | 28.84 0.61 -19.26 | 31.71 0.57 -22.69 | 34.50 0.54 -26.00 | 35.66 0.50 -27.80 | 34.98 0.52 -26.70 | 34.18 0.51 -26.08 | 36.27 0.45 -28.82 | 34.05 0.51 -26.00 | 35.22 0.45 -28.00 | 35.71 0.55 -26.80 | 40.84 0.54 -32.05 | 36.90 0.15 -34.48 | 39.96 0.15 -37.56 | 32.23 0.37 -26.18 | 30.32 0.15 -28.00 | 25.71 0.24 -21.87 | 24.63 0.33 -19.44 |
| GILBOA___3 23758 | 20.79 0.62 -8.50 | 17.65 0.46 -8.37 | 17.88 0.47 -8.89 | 15.55 0.38 -8.29 | 16.12 0.51 -6.51 | 22.40 0.35 -16.80 | 28.05 0.24 -24.19 | 28.84 0.61 -19.26 | 31.71 0.57 -22.69 | 34.50 0.54 -26.00 | 35.66 0.50 -27.80 | 34.98 0.52 -26.70 | 34.18 0.51 -26.08 | 36.27 0.45 -28.82 | 34.05 0.51 -26.00 | 35.22 0.45 -28.00 | 35.71 0.55 -26.80 | 40.84 0.54 -32.05 | 36.90 0.15 -34.48 | 39.96 0.15 -37.56 | 32.23 0.37 -26.18 | 30.32 0.15 -28.00 | 25.71 0.24 -21.87 | 24.63 0.33 -19.44 |
| GILBOA___4 23759 | 20.79 0.62 -8.50 | 17.65 0.46 -8.37 | 17.88 0.47 -8.89 | 15.55 0.38 -8.29 | 16.12 0.51 -6.51 | 22.40 0.35 -16.80 | 28.05 0.24 -24.19 | 28.84 0.61 -19.26 | 31.71 0.57 -22.69 | 34.50 0.54 -26.00 | 35.66 0.50 -27.80 | 34.98 0.52 -26.70 | 34.18 0.51 -26.08 | 36.27 0.45 -28.82 | 34.05 0.51 -26.00 | 35.22 0.45 -28.00 | 35.71 0.55 -26.80 | 40.84 0.54 -32.05 | 36.90 0.15 -34.48 | 39.96 0.15 -37.56 | 32.23 0.37 -26.18 | 30.32 0.15 -28.00 | 25.71 0.24 -21.87 | 24.63 0.33 -19.44 |
| GILBOA____ 23599 | 20.79 0.62 -8.50 | 17.65 0.46 -8.37 | 17.88 0.47 -8.89 | 15.55 0.38 -8.29 | 16.12 0.51 -6.51 | 22.40 0.35 -16.80 | 28.05 0.24 -24.19 | 28.84 0.61 -19.26 | 31.71 0.57 -22.69 | 34.50 0.54 -26.00 | 35.66 0.50 -27.80 | 34.98 0.52 -26.70 | 34.18 0.51 -26.08 | 36.27 0.45 -28.82 | 34.05 0.51 -26.00 | 35.22 0.45 -28.00 | 35.71 0.55 -26.80 | 40.84 0.54 -32.05 | 36.90 0.15 -34.48 | 39.96 0.15 -37.56 | 32.23 0.37 -26.18 | 30.32 0.15 -28.00 | 25.71 0.24 -21.87 | 24.63 0.33 -19.44 |
| GINNA____ 23603 | 12.69 0.14 -0.88 | 9.79 0.11 -0.87 | 9.54 0.09 -0.92 | 7.83 0.08 -0.86 | 9.92 0.07 -0.75 | 8.35 0.16 -2.93 | 19.31 0.12 -15.57 | 20.60 0.25 -11.38 | 24.17 0.14 -15.58 | 26.29 0.10 -18.24 | 29.49 0.12 -22.01 | 27.84 0.11 -19.98 | 28.59 0.11 -20.90 | 31.39 0.11 -24.28 | 28.35 0.13 -20.67 | 27.81 0.15 -20.89 | 24.58 0.18 -16.04 | 26.22 0.20 -17.78 | 24.89 0.05 -22.57 | 25.38 0.05 -23.07 | 29.39 0.11 -23.59 | 24.51 0.04 -22.31 | 16.75 0.12 -13.04 | 10.85 0.19 -5.80 |
| GLEN PARK____ 23778 | 11.69 -0.23 -0.26 | 8.84 -0.23 -0.25 | 8.57 -0.22 -0.27 | 6.95 -0.18 -0.25 | 9.13 -0.22 -0.25 | 6.36 -0.06 -1.16 | 16.81 0.01 -13.17 | 18.32 -0.02 -9.37 | 21.78 0.01 -13.32 | 23.66 0.04 -15.67 | 26.75 -0.01 -19.40 | 25.17 0.01 -17.41 | 26.05 0.00 -18.46 | 28.65 0.00 -21.66 | 25.76 -0.02 -18.24 | 24.92 -0.05 -18.19 | 21.45 -0.04 -13.14 | 22.55 -0.05 -14.35 | 21.31 -0.01 -19.05 | 21.38 -0.01 -19.13 | 26.68 0.01 -20.99 | 21.86 0.00 -19.69 | 14.31 -0.04 -10.76 | 8.30 -0.02 -3.47 |

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|--|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 21.63 1.43 -8.53 | 18.28 1.07 -8.39 | 18.44 1.01 -8.91 | 16.00 0.80 -8.31 | 16.83 1.07 -6.65 | 23.20 0.69 -17.26 | 28.49 0.51 -24.36 | 34.05 1.32 -23.77 | 37.40 1.25 -27.70 | 40.31 1.19 -31.17 | 40.26 1.10 -31.80 | 40.04 1.16 -31.12 | 39.05 1.13 -30.33 | 40.18 1.05 -32.13 | 40.04 1.13 -31.37 | 40.96 1.03 -33.16 | 41.75 1.28 -32.12 | 42.33 1.27 -32.82 | 40.69 0.34 -38.08 | 42.97 0.34 -40.37 | 44.76 0.86 -38.22 | 39.71 0.32 -37.22 | 30.20 0.53 -26.07 | 25.45 0.71 -19.88 |
| GLENWOOD_IC_2_G1 23688 | 21.59 1.40 -8.52 | 18.24 1.03 -8.39 | 18.41 0.98 -8.91 | 15.97 0.78 -8.31 | 16.80 1.05 -6.65 | 23.18 0.67 -17.26 | 28.43 0.49 -24.32 | 29.77 1.26 -19.54 | 32.59 1.20 -22.94 | 35.09 1.14 -26.00 | 36.17 1.05 -27.76 | 35.41 1.10 -26.55 | 34.41 1.08 -25.75 | 36.43 1.00 -28.43 | 34.34 1.08 -25.72 | 35.56 0.98 -27.81 | 41.69 1.22 -32.12 | 42.27 1.20 -32.82 | 38.52 0.33 -35.92 | 42.95 0.33 -40.37 | 44.73 0.82 -38.22 | 30.82 0.31 -28.34 | 25.86 0.51 -21.76 | 25.42 0.69 -19.88 |
| GLENWOOD_IC_3_G1 23689 | 21.59 1.40 -8.52 | 18.24 1.03 -8.39 | 18.41 0.98 -8.91 | 15.97 0.78 -8.31 | 16.80 1.05 -6.65 | 23.18 0.67 -17.26 | 28.43 0.49 -24.32 | 29.77 1.26 -19.54 | 32.59 1.20 -22.94 | 35.09 1.14 -26.00 | 36.17 1.05 -27.76 | 35.41 1.10 -26.55 | 34.41 1.08 -25.75 | 36.43 1.00 -28.43 | 34.34 1.08 -25.72 | 35.56 0.98 -27.81 | 41.69 1.22 -32.12 | 42.27 1.20 -32.82 | 38.52 0.33 -35.92 | 42.95 0.33 -40.37 | 44.73 0.82 -38.22 | 30.82 0.31 -28.34 | 25.86 0.51 -21.76 | 25.42 0.69 -19.88 |
| GLENWOOD___4 23550 | 21.63 1.43 -8.53 | 18.28 1.07 -8.39 | 18.44 1.01 -8.91 | 16.00 0.80 -8.31 | 16.83 1.07 -6.65 | 23.20 0.69 -17.26 | 28.49 0.51 -24.36 | 34.05 1.32 -23.77 | 37.40 1.25 -27.70 | 40.31 1.19 -31.17 | 40.26 1.10 -31.80 | 40.04 1.16 -31.12 | 39.05 1.13 -30.33 | 40.18 1.05 -32.13 | 40.04 1.13 -31.37 | 40.96 1.03 -33.16 | 41.75 1.28 -32.12 | 42.33 1.27 -32.82 | 40.69 0.34 -38.08 | 42.97 0.34 -40.37 | 44.76 0.86 -38.22 | 39.71 0.32 -37.22 | 30.20 0.53 -26.07 | 25.45 0.71 -19.88 |
| GLENWOOD___5 23614 | 21.63 1.43 -8.53 | 18.28 1.07 -8.39 | 18.44 1.01 -8.91 | 16.00 0.80 -8.31 | 16.83 1.07 -6.65 | 23.20 0.69 -17.26 | 28.49 0.51 -24.36 | 34.05 1.32 -23.77 | 37.40 1.25 -27.70 | 40.31 1.19 -31.17 | 40.26 1.10 -31.80 | 40.04 1.16 -31.12 | 39.05 1.13 -30.33 | 40.18 1.05 -32.13 | 40.04 1.13 -31.37 | 40.96 1.03 -33.16 | 41.75 1.28 -32.12 | 42.33 1.27 -32.82 | 40.69 0.34 -38.08 | 42.97 0.34 -40.37 | 44.76 0.86 -38.22 | 39.71 0.32 -37.22 | 30.20 0.53 -26.07 | 25.45 0.71 -19.88 |
| GLOBAL GREEN_PORT_GT1 23814 | 21.95 1.76 -8.52 | 18.52 1.31 -8.39 | 18.72 1.29 -8.91 | 16.22 1.03 -8.31 | 17.11 1.36 -6.65 | 23.38 0.86 -17.26 | 28.66 0.68 -24.35 | 33.52 1.79 -22.76 | 37.28 1.71 -27.11 | 40.80 1.61 -31.23 | 41.24 1.50 -32.38 | 41.09 1.56 -31.78 | 40.07 1.50 -30.98 | 41.05 1.39 -32.66 | 41.21 1.49 -32.17 | 42.08 1.39 -33.93 | 42.20 1.73 -32.12 | 42.77 1.71 -32.82 | 41.12 0.47 -38.38 | 43.10 0.48 -40.37 | 45.10 1.20 -38.22 | 41.10 0.44 -38.49 | 29.72 0.70 -25.41 | 25.65 0.92 -19.88 |
| GLOBE___DSASP 323697 | 12.79 -0.06 -1.18 | 9.99 0.01 -1.16 | 9.75 -0.01 -1.23 | 8.05 0.02 -1.15 | 10.02 -0.08 -1.00 | 8.93 0.14 -3.53 | 19.60 0.01 -15.97 | 20.52 -0.17 -11.73 | 24.08 -0.27 -15.90 | 26.21 -0.33 -18.59 | 29.39 -0.27 -22.30 | 27.73 -0.33 -20.30 | 28.45 -0.30 -21.16 | 31.23 -0.29 -24.53 | 28.18 -0.30 -20.94 | 27.77 -0.22 -21.23 | 24.62 -0.27 -16.53 | 26.37 -0.26 -18.39 | 25.31 -0.07 -23.11 | 25.91 -0.07 -23.73 | 29.30 -0.22 -23.84 | 24.69 -0.08 -22.60 | 17.01 -0.01 -13.42 | 11.29 0.07 -6.36 |
| GOETHSLN___LBMP 323567 | 23.58 1.43 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.41 0.48 -24.32 | 32.22 1.23 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.08 1.03 -33.69 | 44.22 1.08 -35.38 | 45.00 1.05 -36.36 | 45.97 0.97 -38.00 | 45.67 1.05 -37.08 | 45.97 0.95 -38.24 | 46.02 1.18 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.71 0.81 -38.21 | 37.81 0.30 -35.34 | 34.48 0.50 -30.38 | 30.02 0.67 -24.48 |
| GOODYEAR_LAKE_HYD 323669 | 14.24 0.57 -2.00 | 11.19 0.41 -1.97 | 11.01 0.40 -2.09 | 9.16 0.32 -1.95 | 11.48 0.46 -1.91 | 10.16 0.33 -4.58 | 14.23 0.46 -10.15 | 15.57 1.17 -5.43 | 21.48 1.17 -11.86 | 23.70 1.22 -14.53 | 30.19 0.99 -21.85 | 26.92 1.09 -18.07 | 29.83 1.12 -21.12 | 34.33 1.01 -26.32 | 29.21 1.00 -20.66 | 26.40 0.84 -18.79 | 16.53 1.05 -7.12 | 15.31 1.01 -6.05 | 17.52 0.30 -14.95 | 14.81 0.30 -12.26 | 31.67 0.81 -25.17 | 24.81 0.29 -22.35 | 10.41 0.36 -6.45 | -3.45 0.46 8.77 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 14.62 0.40 -2.55 | 11.62 0.29 -2.51 | 11.47 0.28 -2.67 | 9.60 0.23 -2.49 | 11.56 0.30 -2.16 | 11.78 0.25 -6.28 | 21.47 0.16 -17.69 | 22.62 0.39 -13.26 | 26.15 0.35 -17.35 | 28.46 0.32 -20.19 | 31.25 0.30 -23.59 | 29.79 0.30 -21.73 | 30.21 0.30 -22.32 | 32.88 0.27 -25.62 | 29.96 0.29 -22.13 | 29.77 0.26 -22.73 | 27.46 0.33 -18.78 | 29.73 0.33 -21.15 | 27.90 0.09 -25.54 | 29.00 0.09 -26.65 | 30.87 0.23 -24.96 | 26.12 0.08 -23.87 | 18.90 0.16 -15.14 | 13.94 0.23 -8.85 |
| GOUDEY___7 23579 | 14.62 0.40 -2.55 | 11.62 0.29 -2.51 | 11.47 0.28 -2.67 | 9.60 0.23 -2.49 | 11.56 0.30 -2.16 | 11.78 0.25 -6.28 | 21.47 0.16 -17.69 | 22.62 0.39 -13.26 | 26.15 0.35 -17.35 | 28.46 0.32 -20.19 | 31.25 0.30 -23.59 | 29.79 0.30 -21.73 | 30.21 0.30 -22.32 | 32.88 0.27 -25.62 | 29.96 0.29 -22.13 | 29.77 0.26 -22.73 | 27.46 0.33 -18.78 | 29.73 0.33 -21.15 | 27.90 0.09 -25.54 | 29.00 0.09 -26.65 | 30.87 0.23 -24.96 | 26.12 0.08 -23.87 | 18.90 0.16 -15.14 | 13.94 0.23 -8.85 |
| GOUDEY___8 23580 | 14.62 0.40 -2.55 | 11.62 0.29 -2.51 | 11.47 0.28 -2.67 | 9.60 0.23 -2.49 | 11.56 0.30 -2.16 | 11.78 0.25 -6.28 | 21.47 0.16 -17.69 | 22.62 0.39 -13.26 | 26.15 0.35 -17.35 | 28.46 0.32 -20.19 | 31.25 0.30 -23.59 | 29.79 0.30 -21.73 | 30.21 0.30 -22.32 | 32.88 0.27 -25.62 | 29.96 0.29 -22.13 | 29.77 0.26 -22.73 | 27.46 0.33 -18.78 | 29.73 0.33 -21.15 | 27.90 0.09 -25.54 | 29.00 0.09 -26.65 | 30.87 0.23 -24.96 | 26.12 0.08 -23.87 | 18.90 0.16 -15.14 | 13.94 0.23 -8.85 |
| GOWANUS_GT1_1 24077 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_2 24078 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_3 24079 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |

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|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_4 24080 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_5 24084 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_6 24111 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_7 24112 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT1_8 24113 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_1 24114 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_2 24115 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_3 24116 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_4 24117 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_5 24118 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_6 24119 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_7 24120 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT2_8 24121 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_1 24122 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_2 24123 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3 24124 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_4 24125 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_5 24126 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_6 24127 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_7 24128 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT3_8 24129 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_1 24130 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_2 24131 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_3 24132 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_4 24133 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_5 24134 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_6 24135 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_7 24136 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GOWANUS_GT4_8 24137 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GREENIDGE___3 23582 | 13.48 0.34 -1.47 | 10.51 0.25 -1.45 | 10.29 0.23 -1.54 | 8.52 0.20 -1.43 | 10.58 0.24 -1.25 | 9.62 0.26 -4.11 | 20.04 0.17 -16.25 | 21.36 0.40 -11.99 | 24.93 0.34 -16.14 | 27.09 0.29 -18.85 | 30.14 0.29 -22.49 | 28.57 0.29 -20.52 | 29.19 0.27 -21.33 | 31.92 0.24 -24.68 | 28.92 0.26 -21.12 | 28.49 0.26 -21.46 | 25.60 0.32 -16.92 | 27.44 0.32 -18.88 | 25.88 0.09 -23.52 | 26.58 0.09 -24.23 | 29.89 0.22 -23.99 | 25.03 0.08 -22.78 | 17.48 0.17 -13.72 | 11.92 0.24 -6.82 |

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|--|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GREENIDGE___4 23583 | 13.48 0.34 -1.47 | 10.51 0.25 -1.45 | 10.29 0.23 -1.54 | 8.52 0.20 -1.43 | 10.58 0.24 -1.25 | 9.62 0.26 -4.11 | 20.04 0.17 -16.25 | 21.36 0.40 -11.99 | 24.93 0.34 -16.14 | 27.09 0.29 -18.85 | 30.14 0.29 -22.49 | 28.57 0.29 -20.52 | 29.19 0.27 -21.33 | 31.92 0.24 -24.68 | 28.92 0.26 -21.12 | 28.49 0.26 -21.46 | 25.60 0.32 -16.92 | 27.44 0.32 -18.88 | 25.88 0.09 -23.52 | 26.58 0.09 -24.23 | 29.89 0.22 -23.99 | 25.03 0.08 -22.78 | 17.48 0.17 -13.72 | 11.92 0.24 -6.82 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| GROVEVILLE___HYD 323602 | 21.85 1.27 -8.91 | 18.53 0.94 -8.77 | 18.73 0.89 -9.32 | 16.28 0.71 -8.68 | 16.94 0.95 -6.89 | 23.77 0.61 -17.91 | 28.68 0.43 -24.63 | 29.84 1.13 -19.74 | 32.58 1.07 -23.06 | 35.36 1.02 -26.39 | 36.28 0.96 -27.97 | 35.73 0.99 -26.98 | 34.77 0.96 -26.21 | 36.77 0.92 -28.85 | 34.68 0.99 -26.15 | 35.97 0.91 -28.30 | 40.86 1.12 -31.38 | 42.72 1.11 -33.36 | 38.93 0.30 -36.36 | 43.26 0.31 -40.70 | 43.19 0.76 -36.75 | 30.60 0.28 -28.16 | 26.49 0.46 -22.43 | 25.97 0.61 -20.50 |
| HAMPSHIRE___PAPER_HYD 323593 | 10.97 -0.70 0.00 | 8.26 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.54 -0.56 0.00 | 5.84 -0.26 -0.84 | 11.53 -0.20 -8.11 | 14.21 -0.53 -5.77 | 16.16 -0.49 -8.20 | 17.16 -0.45 -9.65 | 18.86 -0.44 -11.95 | 18.05 -0.43 -10.72 | 18.53 -0.42 -11.37 | 19.93 -0.40 -13.33 | 18.33 -0.45 -11.23 | 17.54 -0.43 -11.20 | 15.95 -0.49 -8.09 | 16.60 -0.49 -8.84 | 13.86 -0.13 -11.73 | 13.90 -0.14 -11.78 | 18.29 -0.32 -12.92 | 14.16 -0.12 -12.12 | 9.99 -0.23 -6.62 | 6.70 -0.30 -2.13 |
| HARDSCRABBLE_WT_PWR 323673 | 11.65 0.28 0.29 | 8.74 0.21 0.29 | 8.44 0.22 0.30 | 6.78 0.19 0.28 | 9.20 0.25 0.16 | 5.98 0.17 -0.55 | 19.96 0.12 -16.22 | 20.69 0.32 -11.40 | 25.29 0.31 -16.53 | 27.75 0.31 -19.48 | 32.06 0.28 -24.42 | 29.85 0.29 -21.79 | 31.14 0.29 -23.26 | 34.66 0.27 -27.40 | 30.77 0.26 -22.96 | 29.75 0.22 -22.77 | 24.54 0.23 -15.95 | 25.76 0.21 -17.30 | 25.81 0.06 -23.49 | 25.69 0.06 -23.38 | 32.37 0.15 -26.53 | 27.02 0.06 -24.79 | 16.79 0.09 -13.11 | 8.39 0.12 -3.41 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.54 1.20 -7.67 | 17.26 0.89 -7.56 | 17.38 0.84 -8.02 | 15.03 0.67 -7.48 | 16.14 0.89 -6.14 | 21.86 0.57 -16.03 | 27.71 0.41 -23.69 | 28.82 1.07 -18.79 | 31.74 1.02 -22.26 | 34.46 0.96 -25.55 | 35.74 0.90 -27.48 | 35.02 0.95 -26.31 | 34.30 0.92 -25.79 | 36.45 0.87 -28.57 | 34.18 0.94 -25.70 | 35.22 0.86 -27.59 | 38.77 1.07 -29.35 | 40.79 1.06 -31.49 | 37.31 0.29 -34.76 | 41.08 0.29 -38.54 | 41.20 0.72 -34.79 | 30.11 0.27 -27.68 | 25.37 0.44 -21.34 | 24.03 0.57 -18.60 |
| HARZA MOOSE___RIVER 24016 | 11.64 -0.02 0.00 | 8.77 -0.04 0.00 | 8.48 -0.04 0.00 | 6.85 -0.03 0.00 | 9.06 -0.04 0.00 | 6.58 0.03 -1.30 | 18.29 0.05 -14.62 | 19.47 0.10 -10.40 | 23.35 0.11 -14.79 | 25.48 0.13 -17.40 | 28.98 0.08 -21.54 | 27.18 0.09 -19.33 | 28.18 0.09 -20.50 | 31.13 0.08 -24.05 | 27.87 0.08 -20.25 | 27.02 0.05 -20.20 | 23.01 0.07 -14.58 | 24.25 0.07 -15.94 | 23.44 0.02 -21.15 | 23.52 0.02 -21.24 | 29.06 0.07 -23.31 | 24.05 0.03 -21.86 | 15.56 0.02 -11.94 | 8.75 0.04 -3.85 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| HEMPSTEAD____ 23647 | 21.64 1.45 -8.53 | 18.28 1.07 -8.39 | 18.45 1.02 -8.91 | 16.00 0.81 -8.31 | 16.84 1.08 -6.65 | 23.21 0.69 -17.26 | 28.51 0.52 -24.37 | 34.45 1.34 -24.15 | 37.78 1.27 -28.07 | 40.63 1.20 -31.48 | 40.45 1.12 -31.98 | 40.25 1.17 -31.32 | 39.26 1.14 -30.53 | 40.35 1.06 -32.29 | 40.30 1.15 -31.61 | 41.21 1.04 -33.40 | 41.77 1.30 -32.12 | 42.35 1.29 -32.82 | 40.79 0.35 -38.17 | 42.97 0.35 -40.37 | 44.78 0.88 -38.22 | 40.10 0.33 -37.61 | 30.56 0.54 -26.42 | 25.47 0.73 -19.88 |
| HICKLING___1 23621 | 14.06 0.48 -1.91 | 11.07 0.37 -1.88 | 10.87 0.35 -2.00 | 9.05 0.30 -1.86 | 11.08 0.36 -1.62 | 10.59 0.34 -5.00 | 20.69 0.20 -16.87 | 21.98 0.47 -12.54 | 25.64 0.52 -16.67 | 27.86 0.47 -19.44 | 30.78 0.45 -22.98 | 29.26 0.45 -21.05 | 29.79 0.43 -21.77 | 32.48 0.39 -25.09 | 29.52 0.41 -21.56 | 29.18 0.39 -22.02 | 26.57 0.48 -17.73 | 28.49 0.38 -19.87 | 26.78 0.11 -24.41 | 27.65 0.11 -25.29 | 30.35 0.25 -24.42 | 25.52 0.09 -23.26 | 18.14 0.20 -14.34 | 12.85 0.29 -7.70 |
| HICKLING___2 23622 | 14.06 0.48 -1.91 | 11.07 0.37 -1.88 | 10.87 0.35 -2.00 | 9.05 0.30 -1.86 | 11.08 0.36 -1.62 | 10.59 0.34 -5.00 | 20.69 0.20 -16.87 | 21.98 0.47 -12.54 | 25.64 0.52 -16.67 | 27.86 0.47 -19.44 | 30.78 0.45 -22.98 | 29.26 0.45 -21.05 | 29.79 0.43 -21.77 | 32.48 0.39 -25.09 | 29.52 0.41 -21.56 | 29.18 0.39 -22.02 | 26.57 0.48 -17.73 | 28.49 0.38 -19.87 | 26.78 0.11 -24.41 | 27.65 0.11 -25.29 | 30.35 0.25 -24.42 | 25.52 0.09 -23.26 | 18.14 0.20 -14.34 | 12.85 0.29 -7.70 |
| HIGH FALLS___HY 23754 | 22.08 1.17 -9.25 | 18.78 0.86 -9.10 | 19.00 0.82 -9.67 | 16.53 0.64 -9.01 | 17.05 0.86 -7.10 | 24.24 0.56 -18.43 | 28.91 0.41 -24.88 | 30.00 1.07 -19.97 | 32.69 1.02 -23.21 | 35.47 0.96 -26.56 | 36.34 0.91 -28.07 | 35.81 0.94 -27.11 | 34.79 0.90 -26.30 | 36.80 0.90 -28.90 | 34.73 0.95 -26.24 | 36.09 0.88 -28.44 | 39.69 1.10 -30.23 | 42.92 1.09 -33.59 | 38.76 0.29 -36.20 | 42.79 0.30 -40.23 | 39.30 0.74 -32.88 | 30.69 0.27 -28.25 | 26.68 0.44 -22.64 | 26.31 0.57 -20.88 |
| HILLBURN___GT 23639 | 20.74 1.22 -7.85 | 17.45 0.91 -7.72 | 17.58 0.86 -8.20 | 15.22 0.69 -7.65 | 16.26 0.91 -6.25 | 22.12 0.59 -16.28 | 27.85 0.42 -23.81 | 28.97 1.09 -18.91 | 31.86 1.04 -22.37 | 34.59 0.99 -25.65 | 35.82 0.92 -27.54 | 35.12 0.96 -26.40 | 34.37 0.93 -25.84 | 36.49 0.87 -28.61 | 34.24 0.94 -25.76 | 35.31 0.86 -27.68 | 39.14 1.06 -29.72 | 41.03 1.05 -31.74 | 37.56 0.29 -35.00 | 41.42 0.29 -38.88 | 41.77 0.72 -35.36 | 30.18 0.27 -27.74 | 25.52 0.44 -21.48 | 24.28 0.59 -18.84 |
| HISHELDN_WT_PWR 323625 | 13.28 0.25 -1.37 | 10.38 0.22 -1.35 | 10.14 0.20 -1.43 | 8.40 0.19 -1.33 | 10.42 0.16 -1.16 | 9.43 0.27 -3.91 | 19.95 0.13 -16.20 | 21.10 0.21 -11.93 | 24.65 0.10 -16.09 | 26.79 0.03 -18.80 | 29.90 0.07 -22.47 | 28.28 0.03 -20.49 | 28.94 0.04 -21.31 | 31.69 0.02 -24.67 | 28.67 0.03 -21.10 | 28.26 0.07 -21.43 | 25.27 0.08 -16.83 | 27.09 0.09 -18.76 | 25.74 0.03 -23.44 | 26.40 0.03 -24.12 | 29.71 0.04 -23.99 | 24.95 0.02 -22.76 | 17.36 0.12 -13.65 | 11.76 0.21 -6.69 |
| HOLTSVILLE_IC_1 23690 | 21.60 1.41 -8.52 | 18.26 1.05 -8.39 | 18.45 1.02 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.69 -17.26 | 28.51 0.54 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.72 1.19 -31.78 | 39.72 1.15 -30.98 | 40.73 1.07 -32.66 | 40.87 1.15 -32.17 | 41.75 1.05 -33.93 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.56 -25.41 | 25.48 0.74 -19.88 |

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|-------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_10 23699 | 21.66 1.47 -8.52 | 18.30 1.09 -8.39 | 18.50 1.06 -8.91 | 16.03 0.84 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.54 0.56 -24.35 | 33.21 1.46 -22.78 | 36.97 1.39 -27.13 | 40.50 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.22 -30.98 | 40.79 1.14 -32.65 | 40.94 1.23 -32.16 | 41.81 1.12 -33.92 | 41.87 1.40 -32.12 | 42.44 1.38 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| HOLTSVILLE_IC_2 23691 | 21.60 1.41 -8.52 | 18.26 1.05 -8.39 | 18.45 1.02 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.69 -17.26 | 28.51 0.54 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.72 1.19 -31.78 | 39.72 1.15 -30.98 | 40.73 1.07 -32.66 | 40.87 1.15 -32.17 | 41.75 1.05 -33.93 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.56 -25.41 | 25.48 0.74 -19.88 |
| HOLTSVILLE_IC_3 23692 | 21.60 1.41 -8.52 | 18.26 1.05 -8.39 | 18.45 1.02 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.69 -17.26 | 28.51 0.54 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.72 1.19 -31.78 | 39.72 1.15 -30.98 | 40.73 1.07 -32.66 | 40.87 1.15 -32.17 | 41.75 1.05 -33.93 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.56 -25.41 | 25.48 0.74 -19.88 |
| HOLTSVILLE_IC_4 23693 | 21.60 1.41 -8.52 | 18.26 1.05 -8.39 | 18.45 1.02 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.69 -17.26 | 28.51 0.54 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.72 1.19 -31.78 | 39.72 1.15 -30.98 | 40.73 1.07 -32.66 | 40.87 1.15 -32.17 | 41.75 1.05 -33.93 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.56 -25.41 | 25.48 0.74 -19.88 |
| HOLTSVILLE_IC_5 23694 | 21.60 1.41 -8.52 | 18.26 1.05 -8.39 | 18.45 1.02 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.69 -17.26 | 28.51 0.54 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.72 1.19 -31.78 | 39.72 1.15 -30.98 | 40.73 1.07 -32.66 | 40.87 1.15 -32.17 | 41.75 1.05 -33.93 | 41.78 1.30 -32.12 | 42.36 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.56 -25.41 | 25.48 0.74 -19.88 |
| HOLTSVILLE_IC_6 23695 | 21.66 1.47 -8.52 | 18.30 1.09 -8.39 | 18.50 1.06 -8.91 | 16.03 0.84 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.54 0.56 -24.35 | 33.21 1.46 -22.78 | 36.97 1.39 -27.13 | 40.50 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.22 -30.98 | 40.79 1.14 -32.65 | 40.94 1.23 -32.16 | 41.81 1.12 -33.92 | 41.87 1.40 -32.12 | 42.44 1.38 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| HOLTSVILLE_IC_7 23696 | 21.66 1.47 -8.52 | 18.30 1.09 -8.39 | 18.50 1.06 -8.91 | 16.03 0.84 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.54 0.56 -24.35 | 33.21 1.46 -22.78 | 36.97 1.39 -27.13 | 40.50 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.22 -30.98 | 40.79 1.14 -32.65 | 40.94 1.23 -32.16 | 41.81 1.12 -33.92 | 41.87 1.40 -32.12 | 42.44 1.38 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| HOLTSVILLE_IC_8 23697 | 21.66 1.47 -8.52 | 18.30 1.09 -8.39 | 18.50 1.06 -8.91 | 16.03 0.84 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.54 0.56 -24.35 | 33.21 1.46 -22.78 | 36.97 1.39 -27.13 | 40.50 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.22 -30.98 | 40.79 1.14 -32.65 | 40.94 1.23 -32.16 | 41.81 1.12 -33.92 | 41.87 1.40 -32.12 | 42.44 1.38 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| HOLTSVILLE_IC_9 23698 | 21.66 1.47 -8.52 | 18.30 1.09 -8.39 | 18.50 1.06 -8.91 | 16.03 0.84 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.54 0.56 -24.35 | 33.21 1.46 -22.78 | 36.97 1.39 -27.13 | 40.50 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.22 -30.98 | 40.79 1.14 -32.65 | 40.94 1.23 -32.16 | 41.81 1.12 -33.92 | 41.87 1.40 -32.12 | 42.44 1.38 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| HOWARD_WT_PWR 323690 | 13.58 0.30 -1.61 | 10.64 0.24 -1.58 | 10.42 0.21 -1.68 | 8.65 0.20 -1.57 | 10.67 0.21 -1.36 | 9.94 0.30 -4.39 | 20.27 0.18 -16.47 | 21.56 0.41 -12.18 | 25.09 0.31 -16.33 | 27.27 0.25 -19.06 | 30.30 0.27 -22.67 | 28.73 0.26 -20.71 | 29.32 0.24 -21.49 | 32.04 0.20 -24.83 | 29.04 0.21 -21.28 | 28.65 0.22 -21.66 | 25.82 0.27 -17.20 | 27.76 0.30 -19.21 | 26.18 0.08 -23.83 | 26.93 0.08 -24.59 | 30.03 0.19 -24.15 | 25.20 0.07 -22.96 | 17.71 0.18 -13.93 | 12.24 0.27 -7.11 |
| HQ_GEN_CEDARS 23644 | 10.93 -0.73 0.00 | 8.25 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.53 -0.57 0.00 | 5.01 -0.26 -0.01 | 7.48 -0.17 -4.04 | 11.34 -0.44 -2.81 | 12.14 -0.45 -4.14 | 12.42 -0.42 -4.89 | 13.14 -0.39 -6.18 | 12.85 -0.40 -5.49 | 13.08 -0.39 -5.89 | 13.58 -0.38 -6.96 | 12.95 -0.41 -5.81 | 12.14 -0.37 -5.74 | 11.88 -0.41 -3.93 | 12.08 -0.40 -4.23 | 8.00 -0.11 -5.85 | 7.92 -0.11 -5.78 | 12.14 -0.28 -6.73 | 8.33 -0.11 -6.27 | 6.63 -0.20 -3.24 | 5.28 -0.26 -0.68 |
| HQ_GEN_CEDARS_PROXY 323590 | 10.93 -0.73 0.00 | 8.25 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.53 -0.57 0.00 | 5.32 -0.26 -0.32 | 7.18 -0.17 -3.73 | 11.34 -0.44 -2.81 | 12.14 -0.45 -4.14 | 12.42 -0.42 -4.89 | 13.14 -0.39 -6.18 | 12.85 -0.40 -5.49 | 13.08 -0.39 -5.89 | 13.58 -0.38 -6.96 | 12.95 -0.41 -5.81 | 12.14 -0.37 -5.74 | 11.88 -0.41 -3.93 | 12.08 -0.40 -4.23 | 8.00 -0.11 -5.85 | 7.92 -0.11 -5.78 | 12.14 -0.28 -6.73 | 8.33 -0.11 -6.27 | 6.63 -0.20 -3.24 | 5.28 -0.26 -0.68 |
| HQ_GEN_IMPORT 323601 | 11.00 -0.44 0.22 | 8.49 -0.33 0.00 | 8.21 -0.31 0.00 | 6.63 -0.25 0.00 | 8.77 -0.33 0.00 | 5.60 -0.16 -0.50 | 5.25 -0.11 -1.74 | 10.17 -0.25 -1.45 | 10.29 -0.23 -2.07 | 10.17 -0.21 -2.43 | 10.17 -0.20 -3.01 | 10.25 -0.21 -2.70 | 10.25 -0.20 -2.86 | 10.17 -0.19 -3.36 | 10.17 -0.20 -2.83 | 9.40 -0.19 -2.82 | 10.17 -0.23 -2.04 | 10.25 -0.22 -2.23 | 5.16 -0.06 -2.96 | 5.16 -0.06 -2.97 | 8.79 -0.15 -3.26 | 5.16 -0.06 -3.06 | 5.16 -0.10 -1.67 | 5.25 -0.15 -0.54 |
| HQ_GEN_WHEEL 23651 | 11.00 -0.44 0.22 | 8.49 -0.33 0.00 | 8.21 -0.31 0.00 | 6.63 -0.25 0.00 | 8.77 -0.33 0.00 | 5.60 -0.16 -0.50 | 5.25 -0.11 -1.74 | 10.17 -0.25 -1.45 | 10.29 -0.23 -2.07 | 10.17 -0.21 -2.43 | 10.17 -0.20 -3.01 | 10.25 -0.21 -2.70 | 10.25 -0.20 -2.86 | 10.17 -0.19 -3.36 | 10.17 -0.20 -2.83 | 9.40 -0.19 -2.82 | 10.17 -0.23 -2.04 | 10.25 -0.22 -2.23 | 5.16 -0.06 -2.96 | 5.16 -0.06 -2.97 | 8.79 -0.15 -3.26 | 5.16 -0.06 -3.06 | 5.16 -0.10 -1.67 | 5.25 -0.15 -0.54 |
| HUDSON_AVE_GT_3 23810 | 23.60 1.46 -10.48 | 18.29 1.08 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.21 0.69 -17.26 | 28.43 0.49 -24.32 | 32.26 1.27 -22.02 | 35.68 1.22 -26.01 | 42.80 1.15 -33.69 | 42.11 1.07 -33.69 | 44.26 1.12 -35.38 | 45.05 1.09 -36.36 | 46.01 1.01 -38.00 | 45.72 1.09 -37.08 | 46.01 1.00 -38.24 | 46.07 1.23 -36.48 | 46.02 1.21 -36.56 | 42.88 0.34 -40.28 | 43.01 0.33 -40.42 | 44.73 0.83 -38.21 | 37.82 0.31 -35.34 | 34.50 0.52 -30.38 | 30.03 0.69 -24.48 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| HUDSON AVE_GT_4 23540 | 23.60 1.46 -10.48 | 18.29 1.08 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.21 0.69 -17.26 | 28.43 0.49 -24.32 | 32.26 1.27 -22.02 | 35.68 1.22 -26.01 | 42.80 1.15 -33.69 | 42.11 1.07 -33.69 | 44.26 1.12 -35.38 | 45.05 1.09 -36.36 | 46.01 1.01 -38.00 | 45.72 1.09 -37.08 | 46.01 1.00 -38.24 | 46.07 1.23 -36.48 | 46.02 1.21 -36.56 | 42.88 0.34 -40.28 | 43.01 0.33 -40.42 | 44.73 0.83 -38.21 | 37.82 0.31 -35.34 | 34.50 0.52 -30.38 | 30.03 0.69 -24.48 |
| HUDSON AVE_GT_5 23657 | 23.60 1.46 -10.48 | 18.29 1.08 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.21 0.69 -17.26 | 28.43 0.49 -24.32 | 32.26 1.27 -22.02 | 35.68 1.22 -26.01 | 42.80 1.15 -33.69 | 42.11 1.07 -33.69 | 44.26 1.12 -35.38 | 45.05 1.09 -36.36 | 46.01 1.01 -38.00 | 45.72 1.09 -37.08 | 46.01 1.00 -38.24 | 46.07 1.23 -36.48 | 46.02 1.21 -36.56 | 42.88 0.34 -40.28 | 43.01 0.33 -40.42 | 44.73 0.83 -38.21 | 37.82 0.31 -35.34 | 34.50 0.52 -30.38 | 30.03 0.69 -24.48 |
| HUDSON_AVE_10 24168 | 23.56 1.41 -10.48 | 18.24 1.03 -8.40 | 18.41 0.97 -8.92 | 15.97 0.78 -8.31 | 16.80 1.04 -6.66 | 23.19 0.67 -17.26 | 28.41 0.47 -24.32 | 29.85 1.23 -19.66 | 32.71 1.17 -23.09 | 40.42 1.11 -31.37 | 42.07 1.03 -33.69 | 44.21 1.08 -35.38 | 41.55 1.05 -32.91 | 44.16 0.98 -36.19 | 42.23 1.06 -33.63 | 45.61 0.96 -37.88 | 42.69 1.19 -33.15 | 45.98 1.17 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.47 0.50 -30.38 | 26.51 0.66 -20.99 |
| HUNTER MOUNT___DRP 323613 | 22.29 0.88 -9.75 | 19.07 0.65 -9.60 | 19.33 0.62 -10.19 | 16.87 0.49 -9.50 | 17.16 0.66 -7.41 | 25.01 0.44 -19.32 | 29.22 0.31 -25.29 | 30.15 0.82 -20.36 | 32.86 0.80 -23.61 | 35.68 0.75 -26.98 | 36.37 0.71 -28.30 | 35.92 0.73 -27.43 | 34.77 0.70 -26.49 | 36.70 0.69 -29.01 | 34.71 0.73 -26.44 | 36.23 0.68 -28.78 | 40.21 0.84 -31.01 | 43.62 0.84 -34.54 | 39.43 0.22 -36.94 | 43.68 0.24 -41.19 | 39.37 0.59 -33.10 | 30.84 0.21 -28.47 | 27.14 0.34 -23.20 | 27.20 0.44 -21.90 |
| HUNTINGTON_RES_REC 323705 | 21.70 1.51 -8.52 | 18.32 1.11 -8.39 | 18.51 1.08 -8.91 | 16.04 0.85 -8.31 | 16.89 1.14 -6.65 | 23.24 0.73 -17.26 | 28.53 0.56 -24.35 | 33.20 1.45 -22.78 | 36.96 1.38 -27.13 | 40.49 1.30 -31.24 | 40.94 1.21 -32.37 | 40.79 1.26 -31.77 | 39.79 1.23 -30.97 | 40.80 1.15 -32.65 | 40.94 1.24 -32.16 | 41.82 1.13 -33.92 | 41.88 1.40 -32.12 | 42.46 1.39 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 40.99 0.36 -38.47 | 29.61 0.59 -25.43 | 25.52 0.79 -19.88 |
| HUNTLEY___63 23557 | 13.09 0.22 -1.20 | 10.21 0.21 -1.18 | 9.96 0.19 -1.26 | 8.23 0.17 -1.17 | 10.26 0.14 -1.02 | 9.10 0.27 -3.58 | 19.73 0.11 -16.00 | 20.85 0.13 -11.75 | 24.40 0.03 -15.92 | 26.52 -0.05 -18.61 | 29.69 0.01 -22.32 | 28.04 -0.04 -20.32 | 28.75 -0.02 -21.18 | 31.51 -0.03 -24.54 | 28.48 -0.02 -20.96 | 28.04 0.02 -21.25 | 24.95 0.03 -16.57 | 26.70 0.02 -18.43 | 25.43 0.01 -23.15 | 26.03 0.01 -23.77 | 29.52 -0.02 -23.85 | 24.78 0.00 -22.61 | 17.14 0.10 -13.44 | 11.45 0.20 -6.39 |
| HUNTLEY___64 23558 | 13.09 0.22 -1.20 | 10.21 0.21 -1.18 | 9.96 0.19 -1.26 | 8.23 0.17 -1.17 | 10.26 0.14 -1.02 | 9.10 0.27 -3.58 | 19.73 0.11 -16.00 | 20.85 0.13 -11.75 | 24.40 0.03 -15.92 | 26.52 -0.05 -18.61 | 29.69 0.01 -22.32 | 28.04 -0.04 -20.32 | 28.75 -0.02 -21.18 | 31.51 -0.03 -24.54 | 28.48 -0.02 -20.96 | 28.04 0.02 -21.25 | 24.95 0.03 -16.57 | 26.70 0.02 -18.43 | 25.43 0.01 -23.15 | 26.03 0.01 -23.77 | 29.52 -0.02 -23.85 | 24.78 0.00 -22.61 | 17.14 0.10 -13.44 | 11.45 0.20 -6.39 |
| HUNTLEY___65 23559 | 13.09 0.22 -1.20 | 10.21 0.21 -1.18 | 9.96 0.19 -1.26 | 8.23 0.17 -1.17 | 10.26 0.14 -1.02 | 9.10 0.27 -3.58 | 19.73 0.11 -16.00 | 20.85 0.13 -11.75 | 24.40 0.03 -15.92 | 26.52 -0.05 -18.61 | 29.69 0.01 -22.32 | 28.04 -0.04 -20.32 | 28.75 -0.02 -21.18 | 31.51 -0.03 -24.54 | 28.48 -0.02 -20.96 | 28.04 0.02 -21.25 | 24.95 0.03 -16.57 | 26.70 0.02 -18.43 | 25.43 0.01 -23.15 | 26.03 0.01 -23.77 | 29.52 -0.02 -23.85 | 24.78 0.00 -22.61 | 17.14 0.10 -13.44 | 11.45 0.20 -6.39 |
| HUNTLEY___66 23560 | 13.09 0.22 -1.20 | 10.21 0.21 -1.18 | 9.96 0.19 -1.26 | 8.23 0.17 -1.17 | 10.26 0.14 -1.02 | 9.10 0.27 -3.58 | 19.73 0.11 -16.00 | 20.85 0.13 -11.75 | 24.40 0.03 -15.92 | 26.52 -0.05 -18.61 | 29.69 0.01 -22.32 | 28.04 -0.04 -20.32 | 28.75 -0.02 -21.18 | 31.51 -0.03 -24.54 | 28.48 -0.02 -20.96 | 28.04 0.02 -21.25 | 24.95 0.03 -16.57 | 26.70 0.02 -18.43 | 25.43 0.01 -23.15 | 26.03 0.01 -23.77 | 29.52 -0.02 -23.85 | 24.78 0.00 -22.61 | 17.14 0.10 -13.44 | 11.45 0.20 -6.39 |
| HUNTLEY___67 23561 | 13.01 0.12 -1.22 | 10.15 0.13 -1.21 | 9.91 0.11 -1.28 | 8.19 0.12 -1.19 | 10.20 0.06 -1.04 | 9.09 0.22 -3.62 | 19.72 0.08 -16.03 | 20.80 0.05 -11.77 | 24.34 -0.06 -15.95 | 26.48 -0.12 -18.64 | 29.63 -0.07 -22.34 | 27.98 -0.12 -20.34 | 28.68 -0.11 -21.20 | 31.45 -0.11 -24.56 | 28.42 -0.11 -20.98 | 27.99 -0.05 -21.27 | 24.89 -0.07 -16.60 | 26.67 -0.06 -18.48 | 25.45 -0.01 -23.19 | 26.06 -0.02 -23.82 | 29.49 -0.07 -23.88 | 24.78 -0.02 -22.64 | 17.14 0.07 -13.47 | 11.45 0.16 -6.43 |
| HUNTLEY___68 23562 | 13.01 0.12 -1.22 | 10.15 0.13 -1.21 | 9.91 0.11 -1.28 | 8.19 0.12 -1.19 | 10.20 0.06 -1.04 | 9.09 0.22 -3.62 | 19.72 0.08 -16.03 | 20.80 0.05 -11.77 | 24.34 -0.06 -15.95 | 26.48 -0.12 -18.64 | 29.63 -0.07 -22.34 | 27.98 -0.12 -20.34 | 28.68 -0.11 -21.20 | 31.45 -0.11 -24.56 | 28.42 -0.11 -20.98 | 27.99 -0.05 -21.27 | 24.89 -0.07 -16.60 | 26.67 -0.06 -18.48 | 25.45 -0.01 -23.19 | 26.06 -0.02 -23.82 | 29.49 -0.07 -23.88 | 24.78 -0.02 -22.64 | 17.14 0.07 -13.47 | 11.45 0.16 -6.43 |
| HYLAND___LFGE 323620 | 13.51 0.53 -1.32 | 10.49 0.38 -1.30 | 10.24 0.34 -1.38 | 8.46 0.29 -1.29 | 10.56 0.35 -1.12 | 9.45 0.38 -3.81 | 20.00 0.26 -16.12 | 21.48 0.65 -11.86 | 24.97 0.49 -16.03 | 27.11 0.43 -18.73 | 30.20 0.43 -22.40 | 28.61 0.43 -20.42 | 29.27 0.42 -21.25 | 32.02 0.41 -24.61 | 29.02 0.44 -21.04 | 28.56 0.44 -21.35 | 25.64 0.55 -16.73 | 27.46 0.58 -18.64 | 25.75 0.15 -23.32 | 26.40 0.16 -23.98 | 29.98 0.37 -23.93 | 25.00 0.13 -22.70 | 17.44 0.27 -13.57 | 11.82 0.38 -6.59 |
| INDECK___CORINTH 23802 | 24.49 0.62 -12.21 | 21.31 0.48 -12.02 | 21.72 0.44 -12.76 | 19.16 0.38 -11.90 | 18.60 0.54 -8.97 | 29.92 0.32 -24.34 | 31.21 0.13 -27.46 | 31.85 0.39 -22.50 | 34.05 0.40 -25.20 | 36.99 0.37 -28.66 | 36.82 0.33 -29.13 | 36.66 0.32 -28.58 | 35.01 0.30 -27.12 | 36.56 0.28 -29.28 | 34.95 0.28 -27.12 | 37.17 0.29 -30.11 | 41.42 0.36 -32.70 | 46.90 0.35 -38.30 | 41.81 0.10 -39.44 | 46.59 0.10 -44.23 | 35.72 0.26 -29.77 | 31.51 0.10 -29.25 | 29.22 0.12 -25.50 | 31.17 0.15 -26.16 |
| INDECK___ILION 23567 | 11.63 0.26 0.29 | 8.71 0.19 0.29 | 8.40 0.19 0.30 | 6.75 0.15 0.28 | 9.15 0.21 0.16 | 5.95 0.14 -0.55 | 19.94 0.10 -16.22 | 20.61 0.24 -11.40 | 25.21 0.23 -16.53 | 27.66 0.22 -19.48 | 31.98 0.21 -24.42 | 29.77 0.22 -21.79 | 31.06 0.21 -23.26 | 34.59 0.20 -27.40 | 30.71 0.20 -22.96 | 29.71 0.17 -22.77 | 24.51 0.20 -15.95 | 25.74 0.19 -17.30 | 25.81 0.05 -23.49 | 25.68 0.05 -23.38 | 32.36 0.14 -26.53 | 27.01 0.05 -24.79 | 16.79 0.08 -13.11 | 8.38 0.11 -3.41 |
| INDECK___OLEAN 23982 | 13.58 0.49 -1.43 | 10.62 0.40 -1.40 | 10.38 0.37 -1.49 | 8.61 0.34 -1.39 | 10.68 0.37 -1.21 | 9.66 0.38 -4.02 | 20.10 0.19 -16.28 | 21.44 0.46 -12.02 | 24.97 0.34 -16.18 | 27.12 0.27 -18.90 | 30.19 0.29 -22.55 | 28.57 0.24 -20.57 | 29.20 0.23 -21.38 | 31.94 0.20 -24.74 | 28.93 0.22 -21.17 | 28.51 0.22 -21.51 | 25.60 0.28 -16.96 | 27.44 0.28 -18.91 | 25.93 0.09 -23.57 | 26.62 0.08 -24.28 | 29.91 0.18 -24.04 | 25.06 0.06 -22.83 | 17.54 0.20 -13.75 | 12.00 0.31 -6.83 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| INDECK___OSWEGO 23783 | 12.12 -0.11 -0.55 | 9.27 -0.09 -0.55 | 9.01 -0.09 -0.58 | 7.35 -0.07 -0.54 | 9.48 -0.10 -0.48 | 7.43 -0.02 -2.19 | 17.73 -0.01 -14.12 | 19.07 -0.06 -10.16 | 22.56 -0.06 -14.16 | 24.50 -0.06 -16.61 | 27.60 -0.06 -20.30 | 26.02 -0.06 -18.33 | 26.82 -0.06 -19.30 | 29.47 -0.05 -22.52 | 26.56 -0.06 -19.08 | 25.88 -0.05 -19.16 | 22.58 -0.06 -14.29 | 23.92 -0.06 -15.73 | 22.64 -0.02 -20.39 | 22.91 -0.02 -20.67 | 27.50 -0.04 -21.86 | 22.74 -0.02 -20.59 | 15.23 -0.02 -11.65 | 9.35 -0.02 -4.52 |
| INDECK___YERKES 23781 | 13.10 0.23 -1.20 | 10.22 0.22 -1.18 | 9.97 0.20 -1.26 | 8.23 0.18 -1.17 | 10.26 0.15 -1.02 | 9.10 0.27 -3.58 | 19.73 0.12 -16.00 | 20.86 0.14 -11.75 | 24.41 0.03 -15.92 | 26.53 -0.04 -18.61 | 29.70 0.02 -22.32 | 28.05 -0.02 -20.32 | 28.76 -0.01 -21.18 | 31.52 -0.02 -24.54 | 28.49 -0.02 -20.96 | 28.05 0.03 -21.25 | 24.96 0.04 -16.57 | 26.71 0.03 -18.43 | 25.43 0.02 -23.15 | 26.03 0.01 -23.77 | 29.53 -0.01 -23.85 | 24.78 0.00 -22.61 | 17.15 0.11 -13.44 | 11.46 0.21 -6.39 |
| INDIAN POINT_GT_1 24139 | 21.27 1.22 -8.38 | 17.97 0.91 -8.25 | 18.14 0.86 -8.76 | 15.73 0.69 -8.16 | 16.58 0.92 -6.56 | 22.89 0.59 -17.04 | 28.25 0.42 -24.21 | 29.35 1.09 -19.29 | 32.17 1.04 -22.68 | 34.93 0.99 -25.99 | 36.02 0.92 -27.74 | 35.39 0.96 -26.67 | 34.54 0.93 -26.02 | 36.60 0.87 -28.73 | 34.43 0.94 -25.94 | 35.60 0.86 -27.97 | 40.47 1.06 -31.05 | 41.82 1.05 -32.53 | 38.35 0.29 -35.80 | 42.58 0.29 -40.04 | 43.97 0.72 -37.57 | 30.37 0.27 -27.94 | 25.95 0.45 -21.91 | 25.03 0.59 -19.58 |
| INDIAN POINT_GT_2 23659 | 21.27 1.22 -8.38 | 17.97 0.91 -8.25 | 18.14 0.86 -8.76 | 15.73 0.69 -8.16 | 16.58 0.92 -6.56 | 22.89 0.59 -17.04 | 28.25 0.42 -24.21 | 29.35 1.09 -19.29 | 32.17 1.04 -22.68 | 34.93 0.99 -25.99 | 36.02 0.92 -27.74 | 35.39 0.96 -26.67 | 34.54 0.93 -26.02 | 36.60 0.87 -28.73 | 34.43 0.94 -25.94 | 35.60 0.86 -27.97 | 40.47 1.06 -31.05 | 41.82 1.05 -32.53 | 38.35 0.29 -35.80 | 42.58 0.29 -40.04 | 43.97 0.72 -37.57 | 30.37 0.27 -27.94 | 25.95 0.45 -21.91 | 25.03 0.59 -19.58 |
| INDIAN POINT_GT_3 24019 | 21.27 1.22 -8.38 | 17.97 0.91 -8.25 | 18.14 0.86 -8.76 | 15.73 0.69 -8.16 | 16.58 0.92 -6.56 | 22.89 0.59 -17.04 | 28.25 0.42 -24.21 | 29.35 1.09 -19.29 | 32.17 1.04 -22.68 | 34.93 0.99 -25.99 | 36.02 0.92 -27.74 | 35.39 0.96 -26.67 | 34.54 0.93 -26.02 | 36.60 0.87 -28.73 | 34.43 0.94 -25.94 | 35.60 0.86 -27.97 | 40.47 1.06 -31.05 | 41.82 1.05 -32.53 | 38.35 0.29 -35.80 | 42.58 0.29 -40.04 | 43.97 0.72 -37.57 | 30.37 0.27 -27.94 | 25.95 0.45 -21.91 | 25.03 0.59 -19.58 |
| INDIAN POINT___2 23530 | 21.04 1.19 -8.18 | 17.75 0.88 -8.06 | 17.90 0.83 -8.55 | 15.52 0.66 -7.97 | 16.43 0.88 -6.45 | 22.59 0.57 -16.76 | 28.09 0.41 -24.06 | 29.18 1.06 -19.15 | 32.03 1.01 -22.57 | 34.77 0.95 -25.87 | 35.92 0.89 -27.67 | 35.26 0.93 -26.57 | 34.45 0.90 -25.95 | 36.53 0.85 -28.69 | 34.33 0.91 -25.87 | 35.46 0.83 -27.86 | 39.93 1.03 -30.54 | 41.49 1.01 -32.24 | 38.04 0.28 -35.50 | 42.13 0.28 -39.60 | 43.08 0.69 -36.70 | 30.29 0.26 -27.87 | 25.78 0.43 -21.75 | 24.74 0.57 -19.31 |
| INDIAN POINT___3 23531 | 21.29 1.24 -8.38 | 17.99 0.92 -8.25 | 18.14 0.86 -8.76 | 15.74 0.69 -8.17 | 16.60 0.93 -6.57 | 22.90 0.59 -17.06 | 28.25 0.42 -24.21 | 29.37 1.10 -19.30 | 32.18 1.05 -22.69 | 34.94 0.99 -26.00 | 36.02 0.92 -27.75 | 35.39 0.96 -26.67 | 34.54 0.93 -26.02 | 36.60 0.87 -28.73 | 34.43 0.94 -25.94 | 35.60 0.86 -27.97 | 40.49 1.06 -31.07 | 41.83 1.05 -32.54 | 38.37 0.29 -35.81 | 42.60 0.29 -40.06 | 44.01 0.72 -37.61 | 30.38 0.27 -27.94 | 25.95 0.45 -21.91 | 25.05 0.59 -19.60 |
| IP CORINTH___1 23988 | 24.49 0.62 -12.21 | 21.31 0.48 -12.02 | 21.72 0.44 -12.76 | 19.16 0.38 -11.90 | 18.60 0.54 -8.97 | 29.92 0.32 -24.34 | 31.23 0.16 -27.46 | 31.90 0.44 -22.50 | 34.09 0.44 -25.20 | 37.03 0.42 -28.66 | 36.86 0.38 -29.13 | 36.70 0.36 -28.58 | 35.05 0.35 -27.12 | 36.60 0.32 -29.28 | 34.99 0.32 -27.12 | 37.20 0.32 -30.11 | 41.47 0.41 -32.70 | 46.95 0.40 -38.30 | 41.82 0.12 -39.44 | 46.60 0.11 -44.23 | 35.75 0.29 -29.77 | 31.52 0.11 -29.25 | 29.24 0.14 -25.50 | 31.20 0.18 -26.16 |
| IP___TICONDEROGA 23804 | 24.49 1.25 -11.57 | 21.20 0.99 -11.39 | 21.54 0.92 -12.10 | 18.92 0.76 -11.28 | 18.73 1.07 -8.56 | 28.75 0.60 -22.89 | 30.88 0.39 -26.86 | 31.82 0.95 -21.90 | 34.07 0.90 -24.73 | 36.91 0.80 -28.16 | 36.98 0.72 -28.90 | 36.76 0.74 -28.26 | 35.25 0.71 -26.95 | 36.86 0.64 -29.23 | 35.15 0.66 -26.94 | 37.10 0.60 -29.72 | 41.38 0.74 -32.28 | 46.16 0.75 -37.17 | 41.20 0.21 -38.72 | 45.83 0.21 -43.37 | 37.25 0.53 -31.04 | 31.41 0.21 -29.04 | 28.73 0.33 -24.81 | 30.21 0.50 -24.85 |
| ISLIP_RES_REC 323679 | 21.72 1.53 -8.52 | 18.36 1.15 -8.39 | 18.56 1.12 -8.91 | 16.08 0.89 -8.31 | 16.94 1.18 -6.65 | 23.28 0.76 -17.26 | 28.57 0.59 -24.35 | 33.33 1.55 -22.81 | 37.08 1.47 -27.16 | 40.59 1.38 -31.25 | 41.01 1.29 -32.37 | 40.87 1.35 -31.76 | 39.86 1.30 -30.97 | 40.86 1.21 -32.65 | 41.01 1.31 -33.91 | 41.88 1.20 -33.91 | 41.97 1.50 -32.12 | 42.54 1.48 -32.82 | 41.05 0.41 -38.38 | 43.03 0.41 -40.37 | 44.92 1.02 -38.22 | 41.01 0.38 -38.46 | 29.68 0.62 -25.46 | 25.56 0.82 -19.88 |
| JARVIS____ 23743 | 11.47 0.09 0.29 | 8.60 0.07 0.29 | 8.28 0.07 0.30 | 6.65 0.05 0.28 | 9.01 0.07 0.16 | 5.86 0.05 -0.55 | 19.87 0.03 -16.22 | 20.46 0.09 -11.40 | 25.07 0.08 -16.53 | 27.52 0.08 -19.48 | 31.85 0.07 -24.42 | 29.63 0.08 -21.79 | 30.93 0.08 -23.26 | 34.47 0.07 -27.40 | 30.58 0.08 -22.96 | 29.60 0.07 -22.77 | 24.38 0.08 -15.95 | 25.62 0.07 -17.30 | 25.77 0.02 -23.49 | 25.65 0.02 -23.38 | 32.27 0.05 -26.53 | 26.98 0.02 -24.79 | 16.74 0.03 -13.11 | 8.31 0.05 -3.41 |
| JENNISON___1 23625 | 14.96 0.64 -2.65 | 11.87 0.45 -2.61 | 11.72 0.43 -2.77 | 9.82 0.36 -2.58 | 11.86 0.49 -2.26 | 12.03 0.37 -6.40 | 21.23 0.29 -17.32 | 22.60 0.69 -12.94 | 26.14 0.64 -17.05 | 28.44 0.63 -19.85 | 31.22 0.54 -23.32 | 29.76 0.57 -21.43 | 30.21 0.55 -22.08 | 32.87 0.49 -25.38 | 29.93 0.51 -21.88 | 29.63 0.44 -22.42 | 27.22 0.55 -18.32 | 29.37 0.54 -20.58 | 27.46 0.16 -25.04 | 28.46 0.16 -26.05 | 30.82 0.41 -24.72 | 25.92 0.15 -23.60 | 18.63 0.24 -14.79 | 13.56 0.35 -8.35 |
| JENNISON___2 23626 | 14.96 0.64 -2.65 | 11.87 0.45 -2.61 | 11.72 0.43 -2.77 | 9.82 0.36 -2.58 | 11.86 0.49 -2.26 | 12.03 0.37 -6.40 | 21.23 0.29 -17.32 | 22.60 0.69 -12.94 | 26.14 0.64 -17.05 | 28.44 0.63 -19.85 | 31.22 0.54 -23.32 | 29.76 0.57 -21.43 | 30.21 0.55 -22.08 | 32.87 0.49 -25.38 | 29.93 0.51 -21.88 | 29.63 0.44 -22.42 | 27.22 0.55 -18.32 | 29.37 0.54 -20.58 | 27.46 0.16 -25.04 | 28.46 0.16 -26.05 | 30.82 0.41 -24.72 | 25.92 0.15 -23.60 | 18.63 0.24 -14.79 | 13.56 0.35 -8.35 |
| JERICHO_RISE_WT_PWR 323719 | 11.06 -0.61 0.00 | 8.37 -0.45 0.00 | 8.09 -0.43 0.00 | 6.54 -0.34 0.00 | 8.65 -0.45 0.00 | 5.02 -0.18 0.05 | 7.14 -0.12 -3.64 | 11.22 -0.28 -2.53 | 11.96 -0.23 -3.74 | 12.15 -0.21 -4.41 | 12.76 -0.20 -5.60 | 12.53 -0.19 -4.97 | 12.73 -0.20 -5.34 | 13.12 -0.20 -6.31 | 12.59 -0.22 -5.27 | 11.74 -0.22 -5.19 | 11.62 -0.26 -3.53 | 11.77 -0.26 -3.79 | 7.46 -0.08 -5.27 | 7.37 -0.08 -5.20 | 11.59 -0.20 -6.11 | 7.76 -0.09 -5.69 | 6.33 -0.17 -2.91 | 5.19 -0.23 -0.57 |
| KEDC PORT_JEFF_GT2 24210 | 21.64 1.45 -8.52 | 18.28 1.08 -8.39 | 18.48 1.05 -8.91 | 16.02 0.83 -8.31 | 16.85 1.10 -6.65 | 23.22 0.70 -17.26 | 28.52 0.55 -24.35 | 33.17 1.43 -22.77 | 36.93 1.36 -27.12 | 40.46 1.27 -31.24 | 40.92 1.18 -32.38 | 40.76 1.23 -31.77 | 39.76 1.19 -30.98 | 40.77 1.11 -32.66 | 40.91 1.20 -32.17 | 41.78 1.09 -33.92 | 41.84 1.36 -32.12 | 42.41 1.35 -32.82 | 41.02 0.37 -38.38 | 42.99 0.37 -40.37 | 44.83 0.93 -38.22 | 41.00 0.35 -38.48 | 29.59 0.58 -25.42 | 25.50 0.77 -19.88 |

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|---|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 21.64 1.45 -8.52 | 18.28 1.08 -8.39 | 18.48 1.05 -8.91 | 16.02 0.83 -8.31 | 16.85 1.10 -6.65 | 23.22 0.70 -17.26 | 28.52 0.55 -24.35 | 33.17 1.43 -22.77 | 36.93 1.36 -27.12 | 40.46 1.27 -31.24 | 40.92 1.18 -32.38 | 40.76 1.23 -31.77 | 39.76 1.19 -30.98 | 40.77 1.11 -32.66 | 40.91 1.20 -32.17 | 41.78 1.09 -33.92 | 41.84 1.36 -32.12 | 42.41 1.35 -32.82 | 41.02 0.37 -38.38 | 42.99 0.37 -40.37 | 44.83 0.93 -38.22 | 41.00 0.35 -38.48 | 29.59 0.58 -25.42 | 25.50 0.77 -19.88 |
| KEDC_GLWD_GT4 24219 | 21.63 1.43 -8.53 | 18.28 1.07 -8.39 | 18.44 1.01 -8.91 | 16.00 0.80 -8.31 | 16.83 1.07 -6.65 | 23.20 0.69 -17.26 | 28.49 0.51 -24.36 | 34.05 1.32 -23.77 | 37.40 1.25 -27.70 | 40.31 1.19 -31.17 | 40.26 1.10 -31.80 | 40.04 1.16 -31.12 | 39.05 1.13 -30.33 | 40.18 1.05 -32.13 | 40.04 1.13 -31.37 | 40.96 1.03 -33.16 | 41.75 1.28 -32.12 | 42.33 1.27 -32.82 | 40.69 0.34 -38.08 | 42.97 0.34 -40.37 | 44.76 0.86 -38.22 | 39.71 0.32 -37.22 | 30.20 0.53 -26.07 | 25.45 0.71 -19.88 |
| KEDC_GLWD_GT5 24220 | 21.63 1.43 -8.53 | 18.28 1.07 -8.39 | 18.44 1.01 -8.91 | 16.00 0.80 -8.31 | 16.83 1.07 -6.65 | 23.20 0.69 -17.26 | 28.49 0.51 -24.36 | 34.05 1.32 -23.77 | 37.40 1.25 -27.70 | 40.31 1.19 -31.17 | 40.26 1.10 -31.80 | 40.04 1.16 -31.12 | 39.05 1.13 -30.33 | 40.18 1.05 -32.13 | 40.04 1.13 -31.37 | 40.96 1.03 -33.16 | 41.75 1.28 -32.12 | 42.33 1.27 -32.82 | 40.69 0.34 -38.08 | 42.97 0.34 -40.37 | 44.76 0.86 -38.22 | 39.71 0.32 -37.22 | 30.20 0.53 -26.07 | 25.45 0.71 -19.88 |
| KENSICO____ 23655 | 21.45 1.29 -8.49 | 18.14 0.96 -8.36 | 18.31 0.91 -8.88 | 15.88 0.72 -8.28 | 16.71 0.97 -6.63 | 23.09 0.63 -17.21 | 28.36 0.44 -24.29 | 29.50 1.16 -19.38 | 32.30 1.10 -22.75 | 35.06 1.04 -26.07 | 36.11 0.96 -27.79 | 35.49 1.01 -26.72 | 34.63 0.99 -26.06 | 36.67 0.92 -28.76 | 34.51 0.99 -25.98 | 35.70 0.90 -28.03 | 40.82 1.11 -31.35 | 42.04 1.10 -32.70 | 38.54 0.30 -35.98 | 42.85 0.30 -40.30 | 44.52 0.75 -38.08 | 30.43 0.28 -27.98 | 26.06 0.47 -22.00 | 25.22 0.62 -19.75 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 22.06 1.17 -9.23 | 18.77 0.86 -9.09 | 18.99 0.82 -9.65 | 16.52 0.64 -8.99 | 17.04 0.86 -7.09 | 24.21 0.56 -18.40 | 28.89 0.40 -24.87 | 29.98 1.06 -19.95 | 32.68 1.02 -23.20 | 35.47 0.96 -26.55 | 36.34 0.92 -28.07 | 35.81 0.95 -27.10 | 34.79 0.91 -26.29 | 36.80 0.90 -28.90 | 34.73 0.96 -26.23 | 36.09 0.89 -28.43 | 39.77 1.11 -30.30 | 42.92 1.10 -33.57 | 38.77 0.29 -36.21 | 42.82 0.30 -40.26 | 39.53 0.74 -33.10 | 30.68 0.27 -28.25 | 26.67 0.44 -22.63 | 26.29 0.57 -20.86 |
| KIAC_JFK_GT1 23816 | 23.46 1.32 -10.48 | 18.17 0.96 -8.40 | 18.33 0.89 -8.92 | 15.90 0.71 -8.31 | 16.70 0.94 -6.66 | 23.14 0.62 -17.26 | 28.37 0.43 -24.32 | 29.75 1.12 -19.66 | 32.60 1.06 -23.09 | 40.33 1.01 -31.37 | 41.99 0.94 -33.69 | 44.11 0.98 -35.38 | 41.45 0.96 -32.91 | 44.08 0.90 -36.19 | 42.14 0.97 -33.63 | 45.53 0.88 -37.88 | 42.59 1.09 -33.15 | 45.88 1.07 -36.56 | 42.84 0.30 -40.28 | 42.97 0.29 -40.42 | 44.63 0.73 -38.21 | 37.78 0.28 -35.34 | 34.42 0.45 -30.38 | 26.44 0.59 -20.99 |
| KIAC_JFK_GT2 23817 | 23.46 1.32 -10.48 | 18.17 0.96 -8.40 | 18.33 0.89 -8.92 | 15.90 0.71 -8.31 | 16.70 0.94 -6.66 | 23.14 0.62 -17.26 | 28.37 0.43 -24.32 | 29.75 1.12 -19.66 | 32.60 1.06 -23.09 | 40.33 1.01 -31.37 | 41.99 0.94 -33.69 | 44.11 0.98 -35.38 | 41.45 0.96 -32.91 | 44.08 0.90 -36.19 | 42.14 0.97 -33.63 | 45.53 0.88 -37.88 | 42.59 1.09 -33.15 | 45.88 1.07 -36.56 | 42.84 0.30 -40.28 | 42.97 0.29 -40.42 | 44.63 0.73 -38.21 | 37.78 0.28 -35.34 | 34.42 0.45 -30.38 | 26.44 0.59 -20.99 |
| KINTIGH____ 23543 | 12.73 0.02 -1.04 | 9.89 0.05 -1.02 | 9.64 0.03 -1.08 | 7.94 0.05 -1.01 | 9.97 -0.01 -0.88 | 8.65 0.15 -3.25 | 19.47 0.05 -15.79 | 20.55 0.02 -11.56 | 24.12 -0.08 -15.75 | 26.24 -0.14 -18.42 | 29.43 -0.10 -22.17 | 27.77 -0.14 -20.15 | 28.51 -0.12 -21.04 | 31.30 -0.12 -24.42 | 28.25 -0.11 -20.82 | 27.78 -0.06 -21.07 | 24.58 -0.08 -16.29 | 26.27 -0.07 -18.09 | 25.11 -0.02 -22.86 | 25.65 -0.02 -23.41 | 29.34 -0.07 -23.72 | 24.60 -0.03 -22.46 | 16.88 0.05 -13.24 | 11.07 0.12 -6.09 |
| LEDERLE____ 23769 | 20.93 1.28 -7.98 | 17.62 0.95 -7.85 | 17.76 0.90 -8.34 | 15.38 0.72 -7.78 | 16.38 0.96 -6.33 | 22.34 0.61 -16.47 | 27.97 0.43 -23.91 | 29.11 1.14 -19.01 | 31.98 1.08 -22.44 | 34.72 1.03 -25.74 | 35.91 0.96 -27.59 | 35.22 1.00 -26.47 | 34.45 0.97 -25.89 | 36.56 0.92 -28.64 | 34.33 0.99 -25.80 | 35.42 0.90 -27.75 | 39.50 1.11 -30.03 | 41.27 1.10 -31.93 | 37.76 0.30 -35.19 | 41.71 0.30 -39.16 | 42.30 0.75 -35.86 | 30.24 0.28 -27.79 | 25.64 0.46 -21.59 | 24.49 0.61 -19.02 |
| LINDEN COGEN____ 23786 | 23.58 1.43 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.41 0.48 -24.32 | 32.21 1.22 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.07 1.02 -33.69 | 44.22 1.08 -35.38 | 45.00 1.05 -36.36 | 45.96 0.97 -38.00 | 45.67 1.05 -37.08 | 45.97 0.95 -38.24 | 46.01 1.17 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.48 0.50 -30.38 | 30.01 0.67 -24.48 |
| LIPA_MISC_IPP 23656 | 21.52 1.33 -8.52 | 18.20 0.99 -8.39 | 18.39 0.96 -8.91 | 15.95 0.76 -8.31 | 16.76 1.01 -6.65 | 23.17 0.66 -17.26 | 28.49 0.51 -24.35 | 33.06 1.34 -22.75 | 36.83 1.27 -27.11 | 40.38 1.19 -31.23 | 40.83 1.10 -32.38 | 40.68 1.14 -31.78 | 39.67 1.10 -30.98 | 40.69 1.03 -32.66 | 40.82 1.11 -32.17 | 41.71 1.02 -33.93 | 41.74 1.26 -32.12 | 42.31 1.25 -32.82 | 41.00 0.34 -38.38 | 42.97 0.35 -40.37 | 44.77 0.87 -38.22 | 40.98 0.33 -38.49 | 29.54 0.54 -25.41 | 25.45 0.71 -19.88 |
| LISF__SOLAR 323691 | 21.53 1.34 -8.52 | 18.21 1.00 -8.39 | 18.40 0.97 -8.91 | 15.95 0.76 -8.31 | 16.77 1.02 -6.65 | 23.17 0.66 -17.26 | 28.49 0.52 -24.35 | 33.08 1.35 -22.76 | 36.85 1.28 -27.12 | 40.39 1.20 -31.23 | 40.84 1.10 -32.38 | 40.68 1.15 -31.78 | 39.68 1.11 -30.98 | 40.69 1.04 -32.66 | 40.83 1.12 -32.17 | 41.71 1.02 -33.93 | 41.74 1.27 -32.12 | 42.32 1.26 -32.82 | 41.00 0.35 -38.38 | 42.97 0.35 -40.37 | 44.78 0.88 -38.22 | 40.98 0.33 -38.49 | 29.55 0.54 -25.42 | 25.45 0.72 -19.88 |
| LITTLE FALLS__HYD 24013 | 11.81 0.43 0.29 | 8.86 0.33 0.29 | 8.55 0.33 0.30 | 6.87 0.28 0.28 | 9.31 0.36 0.16 | 6.05 0.24 -0.55 | 20.01 0.17 -16.22 | 20.79 0.42 -11.40 | 25.39 0.41 -16.53 | 27.83 0.39 -19.48 | 32.14 0.36 -24.42 | 29.93 0.38 -21.79 | 31.22 0.37 -23.26 | 34.73 0.34 -27.40 | 30.86 0.35 -22.96 | 29.83 0.30 -22.77 | 24.65 0.34 -15.95 | 25.87 0.32 -17.30 | 25.84 0.09 -23.49 | 25.72 0.09 -23.38 | 32.44 0.22 -26.53 | 27.05 0.09 -24.79 | 16.84 0.14 -13.11 | 8.45 0.19 -3.41 |
| LI_NEWBRDGE__DRP 323616 | 21.66 1.47 -8.52 | 18.29 1.08 -8.39 | 18.47 1.04 -8.91 | 16.02 0.83 -8.31 | 16.85 1.10 -6.65 | 23.22 0.70 -17.26 | 28.50 0.53 -24.35 | 32.82 1.36 -22.49 | 36.67 1.29 -26.92 | 40.34 1.22 -31.17 | 40.92 1.13 -32.43 | 40.77 1.18 -31.84 | 39.78 1.15 -31.04 | 40.78 1.07 -32.71 | 40.94 1.15 -32.25 | 41.82 1.05 -34.00 | 41.77 1.30 -32.12 | 42.36 1.30 -32.82 | 41.03 0.35 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.10 0.33 -38.61 | 29.36 0.55 -25.22 | 25.49 0.75 -19.88 |
| LONG_LAKE_PHOENIX 24014 | 12.20 -0.05 -0.58 | 9.33 -0.05 -0.57 | 9.07 -0.05 -0.60 | 7.41 -0.04 -0.56 | 9.54 -0.06 -0.50 | 7.52 0.01 -2.26 | 17.99 0.00 -14.37 | 19.31 0.00 -10.35 | 22.85 -0.01 -14.41 | 24.85 -0.01 -16.90 | 27.99 -0.01 -20.64 | 26.39 0.00 -18.64 | 27.21 0.00 -19.62 | 29.90 0.00 -22.90 | 26.93 -0.01 -19.40 | 26.25 0.00 -19.48 | 22.90 0.00 -14.54 | 24.27 0.01 -16.02 | 23.02 0.00 -20.75 | 23.30 0.00 -21.04 | 27.91 0.00 -22.22 | 23.10 0.00 -20.94 | 15.46 0.00 -11.86 | 9.48 0.00 -4.62 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| LOVETT___3 23632 | 20.87 1.18 -8.03 | 17.60 0.87 -7.91 | 17.74 0.83 -8.39 | 15.37 0.66 -7.83 | 16.34 0.88 -6.36 | 22.37 0.57 -16.54 | 27.97 0.40 -23.95 | 29.06 1.05 -19.04 | 31.93 1.01 -22.48 | 34.67 0.95 -25.77 | 35.85 0.88 -27.61 | 35.17 0.92 -26.49 | 34.39 0.90 -25.90 | 36.49 0.84 -28.65 | 34.27 0.90 -25.82 | 35.38 0.83 -27.78 | 39.54 1.02 -30.16 | 41.26 1.01 -32.01 | 37.81 0.28 -35.27 | 41.80 0.27 -39.27 | 42.44 0.69 -36.07 | 30.24 0.26 -27.81 | 25.65 0.43 -21.63 | 24.52 0.56 -19.10 |
| LOVETT___4 23642 | 20.92 1.21 -8.04 | 17.63 0.90 -7.91 | 17.77 0.85 -8.40 | 15.40 0.68 -7.83 | 16.37 0.91 -6.36 | 22.39 0.58 -16.55 | 27.99 0.41 -23.96 | 29.09 1.08 -19.05 | 31.96 1.03 -22.48 | 34.70 0.97 -25.78 | 35.88 0.90 -27.61 | 35.20 0.95 -26.50 | 34.41 0.92 -25.91 | 36.51 0.86 -28.65 | 34.29 0.93 -25.82 | 35.40 0.85 -27.78 | 39.58 1.04 -30.18 | 41.30 1.03 -32.02 | 37.83 0.28 -35.28 | 41.82 0.28 -39.29 | 42.49 0.70 -36.10 | 30.25 0.27 -27.81 | 25.67 0.44 -21.63 | 24.54 0.58 -19.11 |
| LOVETT___5 23593 | 20.92 1.21 -8.04 | 17.63 0.90 -7.91 | 17.77 0.85 -8.40 | 15.40 0.68 -7.83 | 16.37 0.91 -6.36 | 22.39 0.58 -16.55 | 27.99 0.41 -23.96 | 29.09 1.08 -19.05 | 31.96 1.03 -22.48 | 34.70 0.97 -25.78 | 35.88 0.90 -27.61 | 35.20 0.95 -26.50 | 34.41 0.92 -25.91 | 36.51 0.86 -28.65 | 34.29 0.93 -25.82 | 35.40 0.85 -27.78 | 39.58 1.04 -30.18 | 41.30 1.03 -32.02 | 37.83 0.28 -35.28 | 41.82 0.28 -39.29 | 42.49 0.70 -36.10 | 30.25 0.27 -27.81 | 25.67 0.44 -21.63 | 24.54 0.58 -19.11 |
| LOWER RAQUET___HYD 24057 | 10.60 -1.06 0.00 | 7.99 -0.83 0.00 | 7.73 -0.79 0.00 | 6.24 -0.65 0.00 | 8.26 -0.84 0.00 | 5.42 -0.40 -0.57 | 8.80 -0.27 -5.45 | 12.10 -0.69 -3.83 | 13.35 -0.66 -5.56 | 13.90 -0.61 -6.55 | 15.00 -0.58 -8.23 | 14.51 -0.59 -7.34 | 14.85 -0.58 -7.84 | 15.68 -0.55 -9.24 | 14.68 -0.60 -7.74 | 13.88 -0.56 -7.66 | 13.06 -0.64 -5.35 | 13.41 -0.63 -5.80 | 9.98 -0.18 -7.89 | 9.92 -0.18 -7.85 | 14.20 -0.43 -8.94 | 10.35 -0.17 -8.35 | 7.68 -0.31 -4.40 | 5.56 -0.40 -1.11 |
| LOWER___HUDSON 24059 | 24.33 0.58 -12.08 | 21.16 0.45 -11.89 | 21.57 0.43 -12.63 | 19.00 0.35 -11.77 | 18.47 0.49 -8.88 | 29.55 0.31 -23.98 | 31.19 0.21 -27.36 | 31.91 0.55 -22.40 | 34.10 0.52 -25.12 | 37.03 0.49 -28.58 | 36.90 0.45 -29.10 | 36.86 0.48 -28.62 | 35.21 0.48 -27.14 | 36.74 0.43 -29.31 | 35.15 0.46 -27.15 | 37.23 0.41 -30.05 | 41.30 0.52 -32.42 | 46.83 0.50 -38.08 | 41.66 0.14 -39.25 | 46.36 0.14 -43.96 | 35.47 0.35 -29.44 | 31.52 0.13 -29.22 | 29.18 0.20 -25.38 | 31.05 0.27 -25.92 |
| LWR___OSWEGATCHIE_HYD 23850 | 10.97 -0.70 0.00 | 8.26 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.54 -0.56 0.00 | 5.84 -0.26 -0.84 | 11.53 -0.20 -8.11 | 14.21 -0.53 -5.77 | 16.16 -0.49 -8.20 | 17.16 -0.45 -9.65 | 18.86 -0.44 -11.95 | 18.05 -0.43 -10.72 | 18.53 -0.42 -11.37 | 19.93 -0.40 -13.33 | 18.33 -0.45 -11.23 | 17.54 -0.43 -11.20 | 15.95 -0.49 -8.09 | 16.60 -0.49 -8.84 | 13.86 -0.13 -11.73 | 13.90 -0.14 -11.78 | 18.29 -0.32 -12.92 | 14.16 -0.12 -12.12 | 9.99 -0.23 -6.62 | 6.70 -0.30 -2.13 |
| LYONS_FALL_HYD 23570 | 11.64 -0.02 0.00 | 8.77 -0.04 0.00 | 8.48 -0.04 0.00 | 6.85 -0.03 0.00 | 9.06 -0.04 0.00 | 6.58 0.03 -1.30 | 18.29 0.05 -14.62 | 19.47 0.10 -10.40 | 23.35 0.11 -14.79 | 25.48 0.13 -17.40 | 28.98 0.08 -21.54 | 27.18 0.09 -19.33 | 28.18 0.09 -20.50 | 31.13 0.08 -24.05 | 27.87 0.08 -20.25 | 27.02 0.05 -20.20 | 23.01 0.07 -14.58 | 24.25 0.07 -15.94 | 23.44 0.02 -21.15 | 23.52 0.02 -21.24 | 29.06 0.07 -23.31 | 24.05 0.03 -21.86 | 15.56 0.02 -11.94 | 8.75 0.04 -3.85 |
| MADISON___COUNTY_LFGE 323628 | 11.92 0.26 0.00 | 8.98 0.17 0.00 | 8.68 0.16 0.00 | 7.01 0.13 0.00 | 9.48 0.18 -0.20 | 6.81 0.15 -1.40 | 19.22 0.12 -15.48 | 20.26 0.28 -11.01 | 24.38 0.27 -15.66 | 26.64 0.27 -18.42 | 30.40 0.24 -22.81 | 28.48 0.26 -20.47 | 29.54 0.25 -21.70 | 32.68 0.22 -25.46 | 29.22 0.23 -21.44 | 28.36 0.20 -21.39 | 24.05 0.25 -15.44 | 25.37 0.25 -16.87 | 24.73 0.07 -22.40 | 24.81 0.07 -22.49 | 30.55 0.19 -24.68 | 25.38 0.07 -23.15 | 16.34 0.10 -12.64 | 9.08 0.15 -4.08 |
| MAPLE_RIDGE_WT_1 323574 | 10.67 -0.40 0.60 | 7.93 -0.30 0.59 | 7.60 -0.29 0.63 | 6.07 -0.23 0.58 | 8.43 -0.30 0.37 | 4.30 -0.15 0.81 | 12.43 -0.10 -8.91 | 14.83 -0.24 -6.10 | 17.46 -0.22 -9.23 | 18.69 -0.20 -10.93 | 21.23 -0.18 -14.05 | 19.98 -0.18 -12.40 | 20.84 -0.16 -13.41 | 22.80 -0.14 -15.94 | 20.62 -0.15 -13.22 | 19.58 -0.14 -12.95 | 16.66 -0.18 -8.49 | 17.09 -0.20 -9.04 | 15.14 -0.06 -12.93 | 14.81 -0.06 -12.61 | 20.95 -0.14 -15.41 | 16.40 -0.05 -14.28 | 10.54 -0.09 -7.03 | 5.55 -0.12 -0.82 |
| MAPLE_RIDGE_WT_2 323611 | 10.67 -0.40 0.60 | 7.93 -0.30 0.59 | 7.60 -0.29 0.63 | 6.07 -0.23 0.58 | 8.43 -0.30 0.37 | 4.30 -0.15 0.81 | 12.43 -0.10 -8.91 | 14.83 -0.24 -6.10 | 17.46 -0.22 -9.23 | 18.69 -0.20 -10.93 | 21.23 -0.18 -14.05 | 19.98 -0.18 -12.40 | 20.84 -0.16 -13.41 | 22.80 -0.14 -15.94 | 20.62 -0.15 -13.22 | 19.58 -0.14 -12.95 | 16.66 -0.18 -8.49 | 17.09 -0.20 -9.04 | 15.14 -0.06 -12.93 | 14.81 -0.06 -12.61 | 20.95 -0.14 -15.41 | 16.40 -0.05 -14.28 | 10.54 -0.09 -7.03 | 5.55 -0.12 -0.82 |
| MARBLE_RIVER_WT_PWR 323696 | 11.09 -0.57 0.00 | 8.39 -0.42 0.00 | 8.13 -0.39 0.00 | 6.56 -0.32 0.00 | 8.69 -0.41 0.00 | 5.01 -0.16 0.09 | 6.95 -0.10 -3.44 | 11.10 -0.25 -2.38 | 11.78 -0.20 -3.53 | 11.94 -0.19 -4.17 | 12.49 -0.18 -5.30 | 12.29 -0.17 -4.71 | 12.48 -0.17 -5.06 | 12.81 -0.17 -5.99 | 12.34 -0.20 -4.99 | 11.49 -0.20 -4.91 | 11.45 -0.23 -3.32 | 11.58 -0.24 -3.57 | 7.18 -0.07 -4.98 | 7.08 -0.08 -4.91 | 11.29 -0.19 -5.79 | 7.47 -0.09 -5.39 | 6.17 -0.17 -2.74 | 5.14 -0.22 -0.50 |
| MARSH_HILL_WT_PWR 323713 | 13.61 0.35 -1.59 | 10.65 0.26 -1.57 | 10.42 0.24 -1.67 | 8.66 0.22 -1.55 | 10.69 0.24 -1.35 | 9.93 0.32 -4.36 | 20.26 0.19 -16.45 | 21.56 0.43 -12.17 | 25.08 0.32 -16.31 | 27.26 0.26 -19.04 | 30.29 0.28 -22.66 | 28.71 0.26 -20.70 | 29.31 0.24 -21.48 | 32.03 0.21 -24.82 | 29.04 0.23 -21.27 | 28.64 0.22 -21.65 | 25.81 0.28 -17.18 | 27.73 0.31 -19.18 | 26.16 0.09 -23.80 | 26.90 0.09 -24.56 | 30.03 0.20 -24.14 | 25.19 0.08 -22.95 | 17.70 0.19 -13.91 | 12.22 0.28 -7.09 |
| MG INDUSTRY___DRP 24185 | 23.59 0.54 -11.38 | 20.43 0.41 -11.21 | 20.81 0.39 -11.90 | 18.29 0.32 -11.09 | 17.97 0.44 -8.43 | 27.79 0.32 -22.22 | 30.46 0.21 -26.63 | 31.19 0.56 -21.66 | 33.56 0.53 -24.58 | 36.47 0.50 -28.01 | 36.68 0.46 -28.85 | 36.46 0.48 -28.22 | 35.02 0.48 -26.96 | 36.70 0.43 -29.27 | 34.96 0.48 -26.94 | 36.82 0.43 -29.62 | 40.18 0.53 -31.29 | 45.46 0.52 -36.69 | 40.64 0.14 -38.22 | 44.99 0.14 -42.59 | 35.28 0.36 -29.23 | 31.30 0.14 -29.00 | 28.38 0.22 -24.57 | 29.52 0.29 -24.37 |
| MID___OSWEGATCHIE_HYD 23849 | 10.97 -0.70 0.00 | 8.26 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.54 -0.56 0.00 | 5.84 -0.26 -0.84 | 11.53 -0.20 -8.11 | 14.21 -0.53 -5.77 | 16.16 -0.49 -8.20 | 17.16 -0.45 -9.65 | 18.86 -0.44 -11.95 | 18.05 -0.43 -10.72 | 18.53 -0.42 -11.37 | 19.93 -0.40 -13.33 | 18.33 -0.45 -11.23 | 17.54 -0.43 -11.20 | 15.95 -0.49 -8.09 | 16.60 -0.49 -8.84 | 13.86 -0.13 -11.73 | 13.90 -0.14 -11.78 | 18.29 -0.32 -12.92 | 14.16 -0.12 -12.12 | 9.99 -0.23 -6.62 | 6.70 -0.30 -2.13 |
| MID___RAQUETTE_HYD 23851 | 10.60 -1.06 0.00 | 7.99 -0.83 0.00 | 7.73 -0.79 0.00 | 6.24 -0.65 0.00 | 8.26 -0.84 0.00 | 5.42 -0.40 -0.57 | 8.80 -0.27 -5.45 | 12.10 -0.69 -3.83 | 13.35 -0.66 -5.56 | 13.90 -0.61 -6.55 | 15.00 -0.58 -8.23 | 14.51 -0.59 -7.34 | 14.85 -0.58 -7.84 | 15.68 -0.55 -9.24 | 14.68 -0.60 -7.74 | 13.88 -0.56 -7.66 | 13.06 -0.64 -5.35 | 13.41 -0.63 -5.80 | 9.98 -0.18 -7.89 | 9.92 -0.18 -7.85 | 14.20 -0.43 -8.94 | 10.35 -0.17 -8.35 | 7.68 -0.31 -4.40 | 5.56 -0.40 -1.11 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| MILLIKEN___1 23584 | 13.43 0.40 -1.37 | 10.44 0.28 -1.34 | 10.21 0.26 -1.43 | 8.43 0.21 -1.33 | 10.54 0.28 -1.16 | 9.38 0.24 -3.88 | 19.77 0.18 -15.96 | 21.27 0.43 -11.87 | 24.88 0.40 -16.03 | 27.05 0.37 -18.73 | 30.09 0.34 -22.40 | 28.53 0.36 -20.41 | 29.18 0.35 -21.24 | 31.90 0.31 -24.59 | 28.89 0.32 -21.03 | 28.42 0.30 -21.35 | 25.48 0.38 -16.75 | 27.29 0.38 -18.66 | 25.71 0.11 -23.34 | 26.37 0.11 -24.00 | 29.86 0.27 -23.91 | 24.95 0.10 -22.69 | 17.34 0.16 -13.59 | 11.69 0.21 -6.63 |
| MILLIKEN___2 23585 | 13.43 0.40 -1.37 | 10.44 0.28 -1.34 | 10.21 0.26 -1.43 | 8.43 0.21 -1.33 | 10.54 0.28 -1.16 | 9.38 0.24 -3.88 | 19.77 0.18 -15.96 | 21.27 0.43 -11.87 | 24.88 0.40 -16.03 | 27.05 0.37 -18.73 | 30.09 0.34 -22.40 | 28.53 0.36 -20.41 | 29.18 0.35 -21.24 | 31.90 0.31 -24.59 | 28.89 0.32 -21.03 | 28.42 0.30 -21.35 | 25.48 0.38 -16.75 | 27.29 0.38 -18.66 | 25.71 0.11 -23.34 | 26.37 0.11 -24.00 | 29.86 0.27 -23.91 | 24.95 0.10 -22.69 | 17.34 0.16 -13.59 | 11.69 0.21 -6.63 |
| MILLIKEN___DIESEL 23629 | 13.43 0.40 -1.37 | 10.44 0.28 -1.34 | 10.21 0.26 -1.43 | 8.43 0.21 -1.33 | 10.54 0.28 -1.16 | 9.38 0.24 -3.88 | 19.77 0.18 -15.96 | 21.27 0.43 -11.87 | 24.88 0.40 -16.03 | 27.05 0.37 -18.73 | 30.09 0.34 -22.40 | 28.53 0.36 -20.41 | 29.18 0.35 -21.24 | 31.90 0.31 -24.59 | 28.89 0.32 -21.03 | 28.42 0.30 -21.35 | 25.48 0.38 -16.75 | 27.29 0.38 -18.66 | 25.71 0.11 -23.34 | 26.37 0.11 -24.00 | 29.86 0.27 -23.91 | 24.95 0.10 -22.69 | 17.34 0.16 -13.59 | 11.69 0.21 -6.63 |
| MILLSEAT___LFGE 323607 | 12.99 0.21 -1.11 | 10.10 0.19 -1.09 | 9.84 0.16 -1.16 | 8.12 0.15 -1.08 | 10.16 0.12 -0.94 | 8.91 0.26 -3.39 | 19.62 0.13 -15.88 | 20.79 0.19 -11.64 | 24.32 0.05 -15.82 | 26.44 -0.02 -18.50 | 29.61 0.03 -22.23 | 27.96 -0.01 -20.21 | 28.69 0.01 -21.09 | 31.47 0.01 -24.46 | 28.44 0.02 -20.87 | 27.98 0.07 -21.14 | 24.84 0.08 -16.41 | 26.57 0.09 -18.23 | 25.27 0.02 -22.97 | 25.84 0.02 -23.56 | 29.48 0.02 -23.77 | 24.70 0.01 -22.52 | 17.03 0.12 -13.32 | 11.29 0.22 -6.22 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 21.36 1.26 -8.44 | 18.06 0.93 -8.31 | 18.22 0.88 -8.82 | 15.81 0.70 -8.22 | 16.64 0.94 -6.60 | 22.99 0.60 -17.14 | 28.30 0.43 -24.25 | 29.43 1.12 -19.34 | 32.23 1.06 -22.72 | 34.99 1.01 -26.03 | 36.06 0.93 -27.77 | 35.43 0.98 -26.70 | 34.58 0.96 -26.04 | 36.63 0.89 -28.74 | 34.46 0.96 -25.96 | 35.64 0.87 -28.00 | 40.65 1.08 -31.21 | 41.93 1.06 -32.62 | 38.45 0.29 -35.89 | 42.72 0.29 -40.18 | 44.26 0.73 -37.85 | 30.40 0.28 -27.96 | 26.01 0.45 -21.96 | 25.13 0.60 -19.67 |
| MODEL_CITY_ENERGY 24167 | 12.84 0.00 -1.17 | 10.02 0.05 -1.15 | 9.78 0.03 -1.23 | 8.07 0.05 -1.14 | 10.06 -0.04 -0.99 | 8.94 0.17 -3.52 | 19.61 0.04 -15.96 | 20.58 0.04 -11.71 | 24.14 -0.20 -15.89 | 26.26 -0.27 -18.58 | 29.44 -0.21 -22.29 | 27.78 -0.26 -20.29 | 28.50 -0.24 -21.15 | 31.28 -0.24 -24.52 | 28.24 -0.23 -20.93 | 27.81 -0.17 -21.21 | 24.67 -0.20 -16.52 | 26.42 -0.20 -18.37 | 25.31 -0.05 -23.09 | 25.90 -0.05 -23.70 | 29.34 -0.17 -23.83 | 24.69 -0.06 -22.58 | 17.02 0.01 -13.41 | 11.30 0.10 -6.34 |
| MODERN_LFGE___ 323580 | 12.84 0.00 -1.17 | 10.02 0.05 -1.15 | 9.78 0.03 -1.23 | 8.07 0.05 -1.14 | 10.06 -0.04 -0.99 | 8.94 0.17 -3.52 | 19.61 0.04 -15.96 | 20.58 -0.10 -11.71 | 24.14 -0.20 -15.89 | 26.26 -0.27 -18.58 | 29.44 -0.21 -22.29 | 27.78 -0.26 -20.29 | 28.50 -0.24 -21.15 | 31.28 -0.24 -24.52 | 28.24 -0.23 -20.93 | 27.81 -0.17 -21.21 | 24.67 -0.20 -16.52 | 26.42 -0.20 -18.37 | 25.31 -0.05 -23.09 | 25.90 -0.05 -23.70 | 29.34 -0.17 -23.83 | 24.69 -0.06 -22.58 | 17.02 0.01 -13.41 | 11.30 0.10 -6.34 |
| MOHAWK_PAPER___DRP 24187 | 24.03 0.56 -11.80 | 20.86 0.42 -11.62 | 21.27 0.41 -12.34 | 18.72 0.34 -11.50 | 18.27 0.46 -8.70 | 28.81 0.30 -23.25 | 30.87 0.21 -27.04 | 31.59 0.55 -22.08 | 33.86 0.52 -24.89 | 36.78 0.49 -28.33 | 36.81 0.46 -28.99 | 36.69 0.48 -28.45 | 35.13 0.48 -27.07 | 36.73 0.44 -29.30 | 35.08 0.48 -27.07 | 37.06 0.43 -29.86 | 40.65 0.53 -31.77 | 46.21 0.51 -37.46 | 41.16 0.14 -38.75 | 45.67 0.14 -43.27 | 34.97 0.36 -28.93 | 31.43 0.13 -29.13 | 28.83 0.21 -25.02 | 30.36 0.27 -25.23 |
| MONGAUP___HYD 23641 | 20.22 1.20 -7.36 | 16.96 0.90 -7.24 | 17.06 0.85 -7.69 | 14.72 0.67 -7.17 | 15.95 0.89 -5.95 | 21.40 0.57 -15.57 | 27.48 0.41 -23.45 | 28.50 0.97 -18.56 | 31.45 0.92 -22.08 | 34.17 0.87 -25.35 | 35.54 0.82 -27.36 | 34.76 0.85 -26.15 | 34.09 0.81 -25.68 | 36.31 0.81 -28.50 | 33.99 0.86 -25.59 | 34.99 0.80 -27.42 | 38.07 1.00 -28.71 | 40.27 0.99 -31.04 | 36.86 0.26 -34.33 | 40.47 0.27 -37.94 | 40.25 0.68 -33.89 | 29.97 0.24 -27.57 | 25.12 0.43 -21.09 | 23.58 0.57 -18.16 |
| MONTAUK___DIESEL 23721 | 21.95 1.76 -8.52 | 18.52 1.31 -8.39 | 18.72 1.29 -8.91 | 16.22 1.03 -8.31 | 17.11 1.36 -6.65 | 23.38 0.86 -17.26 | 28.66 0.68 -24.35 | 33.52 1.79 -22.76 | 37.28 1.71 -27.11 | 40.80 1.61 -31.23 | 41.24 1.50 -32.38 | 41.09 1.56 -31.78 | 40.07 1.50 -30.98 | 41.05 1.39 -32.66 | 41.21 1.49 -32.17 | 42.08 1.38 -33.93 | 42.20 1.72 -32.12 | 42.77 1.71 -32.82 | 41.12 0.47 -38.38 | 43.09 0.47 -40.37 | 45.10 1.20 -38.22 | 41.09 0.44 -38.49 | 29.72 0.70 -25.41 | 25.65 0.91 -19.88 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 23.61 1.41 -10.53 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.82 1.06 -6.66 | 23.19 0.67 -17.26 | 28.42 0.48 -24.32 | 33.10 1.24 -22.89 | 36.72 1.18 -27.09 | 45.27 1.11 -36.21 | 44.03 1.04 -35.64 | 47.09 1.09 -38.24 | 48.41 1.05 -39.77 | 49.04 0.99 -41.05 | 49.35 1.06 -40.74 | 49.36 0.97 -41.62 | 47.71 1.19 -38.16 | 47.25 1.18 -37.83 | 44.28 0.32 -41.69 | 43.02 0.32 -40.44 | 44.72 0.81 -38.22 | 40.25 0.31 -37.77 | 37.24 0.50 -33.15 | 31.57 0.67 -26.04 |
| MUNSVILLE_WIND_PWR 323609 | 14.65 0.70 -2.29 | 11.53 0.46 -2.25 | 11.35 0.44 -2.39 | 9.48 0.36 -2.23 | 11.56 0.51 -1.95 | 11.35 0.40 -5.69 | 20.92 0.35 -16.95 | 22.40 0.80 -12.63 | 25.97 0.77 -16.75 | 28.25 0.76 -19.53 | 31.06 0.65 -23.05 | 29.59 0.70 -21.13 | 30.09 0.66 -21.84 | 32.73 0.58 -25.16 | 29.76 0.59 -21.63 | 29.38 0.50 -22.11 | 26.85 0.63 -17.86 | 28.89 0.62 -20.03 | 27.00 0.18 -24.54 | 27.90 0.19 -25.46 | 30.67 0.51 -24.48 | 25.69 0.19 -23.33 | 18.31 0.27 -14.44 | 13.10 0.39 -7.85 |
| N SALMON___HYD 24042 | 10.98 -0.69 0.00 | 8.29 -0.53 0.00 | 8.02 -0.50 0.00 | 6.48 -0.41 0.00 | 8.58 -0.52 0.00 | 5.08 -0.19 -0.02 | 7.60 -0.13 -4.11 | 11.50 -0.33 -2.87 | 12.40 -0.26 -4.21 | 12.67 -0.25 -4.97 | 13.40 -0.24 -6.29 | 13.11 -0.23 -5.59 | 13.35 -0.24 -5.99 | 13.83 -0.25 -7.08 | 13.18 -0.27 -5.91 | 12.34 -0.27 -5.84 | 12.04 -0.32 -4.00 | 12.25 -0.31 -4.32 | 8.13 -0.09 -5.96 | 8.05 -0.10 -5.89 | 12.32 -0.22 -6.85 | 8.45 -0.10 -6.38 | 6.69 -0.20 -3.30 | 5.31 -0.26 -0.71 |
| N.E_GEN_SANDY PD 24062 | 22.94 0.94 -10.33 | 19.70 0.71 -10.17 | 20.00 0.68 -10.80 | 17.50 0.55 -10.07 | 17.62 0.75 -7.76 | 26.19 0.48 -20.46 | 29.36 0.33 -25.41 | 30.55 0.82 -20.77 | 33.10 0.78 -23.87 | 35.94 0.72 -27.26 | 36.50 0.67 -28.47 | 36.10 0.69 -27.65 | 34.90 0.68 -26.63 | 36.74 0.62 -29.12 | 34.81 0.67 -26.59 | 36.40 0.61 -29.02 | 40.91 0.75 -31.80 | 44.14 0.74 -35.15 | 39.97 0.20 -37.50 | 44.43 0.20 -41.97 | 40.30 0.51 -34.10 | 31.00 0.20 -28.64 | 27.47 0.32 -23.55 | 27.80 0.44 -22.50 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.91 1.24 -8.01 | 17.62 0.92 -7.89 | 17.76 0.86 -8.38 | 15.38 0.69 -7.81 | 16.36 0.92 -6.35 | 22.37 0.59 -16.52 | 27.98 0.42 -23.94 | 29.09 1.09 -19.03 | 31.96 1.05 -22.46 | 34.70 0.99 -25.76 | 35.88 0.92 -27.60 | 35.20 0.96 -26.48 | 34.42 0.93 -25.90 | 36.52 0.87 -28.65 | 34.30 0.94 -25.81 | 35.40 0.86 -27.77 | 39.54 1.07 -30.12 | 41.28 1.06 -31.98 | 37.80 0.29 -35.24 | 41.77 0.29 -39.23 | 42.40 0.72 -35.99 | 30.24 0.27 -27.80 | 25.65 0.45 -21.61 | 24.52 0.59 -19.07 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NARROWS_GT1_1 24228 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_2 24229 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_3 24230 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_4 24231 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_5 24232 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_6 24233 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_7 24234 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT1_8 24235 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_1 24236 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_2 24237 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_3 24238 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_4 24239 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_5 24240 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_6 24241 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |
| NARROWS_GT2_7 24242 | 23.51 | 18.26 | 18.42 | 15.99 | 16.81 | 23.18 | 28.41 | 32.70 | 36.21 | 44.12 | 43.13 | 45.75 | 46.84 | 47.63 | 47.66 | 47.80 | 46.92 | 46.64 | 43.64 | 43.00 | 44.68 | 39.15 | 36.00 | 30.85 |
| | 1.34 | 1.05 | 0.99 | 0.79 | 1.06 | 0.66 | 0.47 | 1.23 | 1.16 | 1.09 | 1.01 | 1.03 | 1.01 | 0.94 | 1.02 | 0.93 | 1.15 | 1.14 | 0.31 | 0.31 | 0.78 | 0.30 | 0.50 | 0.66 |
| | -10.51 | -8.40 | -8.92 | -8.31 | -6.66 | -17.26 | -24.32 | -22.50 | -26.61 | -35.08 | -34.76 | -36.96 | -38.24 | -39.68 | -39.10 | -40.10 | -37.41 | -37.26 | -41.06 | -40.43 | -38.22 | -36.68 | -31.90 | -25.34 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NARROWS_GT2_8 24243 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 22.29 0.88 -9.75 | 19.07 0.65 -9.60 | 19.33 0.62 -10.19 | 16.87 0.49 -9.50 | 17.16 0.66 -7.41 | 25.01 0.44 -19.32 | 29.22 0.31 -25.29 | 30.15 0.82 -20.36 | 32.86 0.80 -23.61 | 35.68 0.75 -26.98 | 36.37 0.71 -28.30 | 35.92 0.73 -27.43 | 34.77 0.70 -26.49 | 36.70 0.69 -29.01 | 34.71 0.73 -26.44 | 36.23 0.68 -28.78 | 40.21 0.84 -31.01 | 43.62 0.84 -34.54 | 39.43 0.22 -36.94 | 43.68 0.24 -41.19 | 39.37 0.59 -33.10 | 30.84 0.21 -28.47 | 27.14 0.34 -23.20 | 27.20 0.44 -21.90 |
| NEG CAPITAL___MECHNVIL 23645 | 24.62 0.66 -12.29 | 21.43 0.51 -12.10 | 21.85 0.48 -12.85 | 19.26 0.40 -11.98 | 18.67 0.56 -9.02 | 30.12 0.34 -24.52 | 31.40 0.23 -27.55 | 32.18 0.62 -22.59 | 34.33 0.61 -25.27 | 37.26 0.57 -28.73 | 37.04 0.52 -29.16 | 37.04 0.56 -28.73 | 35.34 0.55 -27.20 | 36.83 0.51 -29.32 | 35.29 0.54 -27.21 | 37.41 0.48 -30.16 | 41.65 0.59 -32.70 | 47.28 0.59 -38.45 | 41.95 0.17 -39.52 | 46.74 0.16 -44.32 | 35.54 0.41 -29.44 | 31.60 0.15 -29.28 | 29.41 0.22 -25.59 | 31.48 0.29 -26.34 |
| NEG CENTRAL_HIGH_ACRES 23767 | 12.71 0.15 -0.89 | 9.81 0.11 -0.88 | 9.54 0.09 -0.93 | 7.83 0.08 -0.87 | 9.94 0.08 -0.76 | 8.36 0.16 -2.95 | 19.29 0.12 -15.55 | 20.63 0.25 -11.41 | 24.21 0.15 -15.61 | 26.33 0.11 -18.26 | 29.52 0.12 -22.03 | 27.88 0.12 -20.00 | 28.63 0.12 -20.92 | 31.41 0.11 -24.30 | 28.37 0.14 -20.69 | 27.84 0.16 -20.91 | 24.63 0.19 -16.08 | 26.28 0.21 -17.83 | 24.94 0.05 -22.62 | 25.44 0.06 -23.13 | 29.41 0.12 -23.60 | 24.54 0.04 -22.33 | 16.78 0.12 -13.07 | 10.90 0.19 -5.85 |
| NEG CENTRAL___DRP 24199 | 12.86 0.23 -0.96 | 9.92 0.16 -0.95 | 9.67 0.14 -1.00 | 7.94 0.12 -0.94 | 10.07 0.15 -0.82 | 8.51 0.18 -3.07 | 19.17 0.13 -15.43 | 20.54 0.32 -11.25 | 24.12 0.26 -15.41 | 26.22 0.23 -18.04 | 29.37 0.23 -21.78 | 27.76 0.23 -19.77 | 28.50 0.23 -20.68 | 31.24 0.21 -24.04 | 28.22 0.22 -20.46 | 27.65 0.21 -20.67 | 24.47 0.26 -15.85 | 26.08 0.27 -17.57 | 24.67 0.08 -22.32 | 25.15 0.08 -22.81 | 29.21 0.18 -23.35 | 24.31 0.07 -22.08 | 16.62 0.13 -12.89 | 10.75 0.18 -5.71 |
| NEG CENTRAL___INDECK 23768 | 13.48 0.49 -1.32 | 10.48 0.36 -1.30 | 10.23 0.33 -1.38 | 8.45 0.28 -1.29 | 10.55 0.33 -1.12 | 9.43 0.36 -3.81 | 19.99 0.25 -16.12 | 21.42 0.59 -11.86 | 24.92 0.44 -16.03 | 27.06 0.38 -18.73 | 30.15 0.39 -22.41 | 28.56 0.39 -20.42 | 29.22 0.38 -21.25 | 31.97 0.36 -24.61 | 28.98 0.40 -21.04 | 28.52 0.39 -21.35 | 25.58 0.48 -16.73 | 27.40 0.51 -18.64 | 25.73 0.14 -23.33 | 26.38 0.14 -23.99 | 29.94 0.33 -23.93 | 24.98 0.12 -22.70 | 17.42 0.25 -13.57 | 11.80 0.35 -6.59 |
| NEG CENTRAL___SENECA 23627 | 13.06 0.32 -1.08 | 10.11 0.23 -1.06 | 9.86 0.21 -1.13 | 8.11 0.18 -1.05 | 10.23 0.22 -0.91 | 8.81 0.24 -3.31 | 19.49 0.17 -15.70 | 20.87 0.40 -11.50 | 24.44 0.33 -15.66 | 26.56 0.29 -18.32 | 29.69 0.29 -22.05 | 28.08 0.29 -20.04 | 28.79 0.27 -20.93 | 31.54 0.25 -24.29 | 28.52 0.27 -20.71 | 27.99 0.26 -20.96 | 24.88 0.32 -16.20 | 26.57 0.33 -17.99 | 25.09 0.09 -22.73 | 25.63 0.09 -23.28 | 29.51 0.23 -23.60 | 24.59 0.08 -22.34 | 16.92 0.17 -13.16 | 11.14 0.24 -6.04 |
| NEG CENTRAL___STATE_STREET 24147 | 13.10 0.47 -0.97 | 10.10 0.33 -0.96 | 9.83 0.30 -1.02 | 8.07 0.24 -0.95 | 10.26 0.33 -0.83 | 8.63 0.28 -3.09 | 19.23 0.21 -15.40 | 21.25 0.71 -11.58 | 24.85 0.65 -15.75 | 26.97 0.60 -18.41 | 30.06 0.57 -22.13 | 28.48 0.60 -20.13 | 29.18 0.58 -21.00 | 31.89 0.53 -24.36 | 28.88 0.56 -20.78 | 28.33 0.51 -21.05 | 25.30 0.63 -16.32 | 27.02 0.63 -18.14 | 25.31 0.18 -22.86 | 25.87 0.18 -23.44 | 29.80 0.44 -23.68 | 24.75 0.16 -22.43 | 17.11 0.26 -13.25 | 11.37 0.34 -6.16 |
| NEG MILLWOOD___DRP 24198 | 21.94 1.32 -8.96 | 18.62 0.99 -8.82 | 18.82 0.94 -9.37 | 16.36 0.74 -8.73 | 17.00 0.98 -6.92 | 23.83 0.63 -17.95 | 28.73 0.45 -24.65 | 29.89 1.17 -19.75 | 32.63 1.12 -23.06 | 35.41 1.07 -26.40 | 36.37 1.03 -27.98 | 35.82 1.07 -26.99 | 34.85 1.04 -26.22 | 36.84 0.98 -28.86 | 34.75 1.05 -26.16 | 36.03 0.96 -28.30 | 41.38 1.19 -31.83 | 42.84 1.19 -33.41 | 39.10 0.32 -36.51 | 43.54 0.33 -40.96 | 44.47 0.82 -37.96 | 30.63 0.30 -28.16 | 26.52 0.50 -22.43 | 26.01 0.65 -20.50 |
| NEG NORTH_FLCN_SEA 23793 | 11.21 -0.46 0.00 | 8.47 -0.34 0.00 | 8.20 -0.32 0.00 | 6.62 -0.26 0.00 | 8.77 -0.33 0.00 | 5.08 -0.09 0.08 | 7.02 -0.06 -3.46 | 11.21 -0.15 -2.40 | 11.91 -0.10 -3.56 | 12.05 -0.10 -4.20 | 12.61 -0.09 -5.34 | 12.42 -0.08 -4.74 | 12.60 -0.08 -5.09 | 12.93 -0.10 -6.03 | 12.45 -0.11 -5.02 | 11.59 -0.13 -4.95 | 11.55 -0.15 -3.35 | 11.68 -0.16 -3.60 | 7.23 -0.05 -5.01 | 7.14 -0.05 -4.94 | 11.39 -0.12 -5.83 | 7.53 -0.06 -5.42 | 6.22 -0.13 -2.76 | 5.20 -0.17 -0.51 |
| NEG NORTH_KES_CHATEGAY 23792 | 11.07 -0.59 0.00 | 8.38 -0.44 0.00 | 8.10 -0.42 0.00 | 6.55 -0.34 0.00 | 8.67 -0.43 0.00 | 5.04 -0.16 0.05 | 7.15 -0.11 -3.64 | 11.23 -0.26 -2.52 | 11.97 -0.21 -3.73 | 12.16 -0.20 -4.41 | 12.77 -0.18 -5.59 | 12.54 -0.18 -4.97 | 12.74 -0.18 -5.33 | 13.12 -0.18 -6.31 | 12.60 -0.20 -5.26 | 11.75 -0.20 -5.19 | 11.63 -0.25 -3.52 | 11.79 -0.25 -3.79 | 7.46 -0.07 -5.27 | 7.37 -0.08 -5.20 | 11.60 -0.19 -6.10 | 7.76 -0.09 -5.68 | 6.33 -0.17 -2.91 | 5.19 -0.23 -0.56 |
| NEG NORTH___ALICE_FALLS 23915 | 11.18 -0.49 0.00 | 8.45 -0.37 0.00 | 8.17 -0.35 0.00 | 6.60 -0.28 0.00 | 8.74 -0.36 0.00 | 5.07 -0.11 0.08 | 7.04 -0.07 -3.49 | 11.21 -0.18 -2.42 | 11.92 -0.11 -3.58 | 12.08 -0.11 -4.24 | 12.63 -0.10 -5.38 | 12.45 -0.09 -4.77 | 12.63 -0.09 -5.13 | 12.96 -0.11 -6.07 | 12.48 -0.13 -5.06 | 11.61 -0.14 -4.98 | 11.56 -0.18 -3.37 | 11.70 -0.17 -3.63 | 7.27 -0.05 -5.05 | 7.17 -0.06 -4.98 | 11.43 -0.13 -5.87 | 7.56 -0.07 -5.46 | 6.24 -0.14 -2.78 | 5.19 -0.18 -0.52 |
| NEG NORTH___LWR_SARANAC 23913 | 11.18 -0.49 0.00 | 8.45 -0.37 0.00 | 8.17 -0.35 0.00 | 6.60 -0.28 0.00 | 8.74 -0.36 0.00 | 5.07 -0.11 0.08 | 7.04 -0.07 -3.49 | 11.21 -0.18 -2.42 | 11.92 -0.11 -3.58 | 12.08 -0.11 -4.24 | 12.63 -0.10 -5.38 | 12.45 -0.09 -4.77 | 12.63 -0.09 -5.13 | 12.96 -0.11 -6.07 | 12.48 -0.13 -5.06 | 11.61 -0.14 -4.98 | 11.56 -0.18 -3.37 | 11.70 -0.17 -3.63 | 7.27 -0.05 -5.05 | 7.17 -0.06 -4.98 | 11.43 -0.13 -5.87 | 7.56 -0.07 -5.46 | 6.24 -0.14 -2.78 | 5.19 -0.18 -0.52 |
| NEG NORTH___PLATTSBURG 23628 | 11.18 -0.49 0.00 | 8.45 -0.37 0.00 | 8.17 -0.35 0.00 | 6.60 -0.28 0.00 | 8.74 -0.36 0.00 | 5.07 -0.11 0.08 | 7.04 -0.07 -3.49 | 11.21 -0.18 -2.42 | 11.92 -0.11 -3.58 | 12.08 -0.11 -4.24 | 12.63 -0.10 -5.38 | 12.45 -0.09 -4.77 | 12.63 -0.09 -5.13 | 12.96 -0.11 -6.07 | 12.48 -0.13 -5.06 | 11.61 -0.14 -4.98 | 11.56 -0.18 -3.37 | 11.70 -0.17 -3.63 | 7.27 -0.05 -5.05 | 7.17 -0.06 -4.98 | 11.43 -0.13 -5.87 | 7.56 -0.07 -5.46 | 6.24 -0.14 -2.78 | 5.19 -0.18 -0.52 |
| NEG WEST_LEA_LOCKPORT 23791 | 12.92 0.09 -1.16 | 10.07 0.11 -1.14 | 9.83 0.09 -1.21 | 8.12 0.10 -1.13 | 10.12 0.04 -0.98 | 8.96 0.21 -3.49 | 19.63 0.07 -15.94 | 20.68 0.02 -11.70 | 24.23 -0.09 -15.88 | 26.35 -0.17 -18.56 | 29.53 -0.10 -22.28 | 27.87 -0.16 -20.27 | 28.59 -0.14 -21.14 | 31.37 -0.14 -24.51 | 28.33 -0.14 -20.92 | 27.89 -0.07 -21.20 | 24.76 -0.09 -16.49 | 26.50 -0.09 -18.34 | 25.32 -0.02 -23.07 | 25.90 -0.02 -23.67 | 29.41 -0.10 -23.82 | 24.71 -0.03 -22.57 | 17.04 0.06 -13.39 | 11.32 0.15 -6.31 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| NEG WEST___LANCASTR 23811 | 13.40 0.37 -1.36 | 10.47 0.32 -1.34 | 10.23 0.29 -1.42 | 8.48 0.27 -1.33 | 10.52 0.27 -1.15 | 9.47 0.33 -3.89 | 19.97 0.16 -16.20 | 21.22 0.32 -11.93 | 24.76 0.21 -16.10 | 26.90 0.14 -18.80 | 30.00 0.17 -22.47 | 28.38 0.13 -20.49 | 29.03 0.13 -21.31 | 31.78 0.11 -24.67 | 28.76 0.12 -21.10 | 28.34 0.14 -21.43 | 25.37 0.18 -16.83 | 27.19 0.18 -18.76 | 25.76 0.06 -23.44 | 26.42 0.05 -24.12 | 29.77 0.10 -23.99 | 24.97 0.04 -22.76 | 17.41 0.16 -13.65 | 11.81 0.26 -6.69 |
| NEG_PENN_ALLEGHNY 23528 | 14.63 0.40 -2.56 | 11.63 0.29 -2.52 | 11.48 0.28 -2.68 | 9.62 0.23 -2.50 | 11.57 0.30 -2.17 | 11.81 0.25 -6.30 | 21.50 0.17 -17.71 | 22.66 0.42 -13.27 | 26.19 0.38 -17.36 | 28.50 0.35 -20.20 | 31.29 0.33 -23.60 | 29.84 0.34 -21.74 | 30.25 0.33 -22.33 | 32.92 0.29 -25.63 | 30.00 0.32 -22.14 | 29.81 0.29 -22.75 | 27.51 0.36 -18.79 | 29.78 0.36 -21.17 | 27.93 0.10 -25.56 | 29.03 0.10 -26.68 | 30.90 0.25 -24.96 | 26.14 0.09 -23.88 | 18.92 0.17 -15.16 | 13.96 0.23 -8.87 |
| NEG___GEN_MONROE 24207 | 12.91 0.30 -0.94 | 9.98 0.24 -0.93 | 9.72 0.21 -0.98 | 7.99 0.19 -0.92 | 10.10 0.20 -0.80 | 8.59 0.29 -3.05 | 19.45 0.19 -15.65 | 20.79 0.39 -11.43 | 24.31 0.24 -15.62 | 26.43 0.19 -18.28 | 29.62 0.21 -22.05 | 27.98 0.20 -20.02 | 28.72 0.20 -20.93 | 31.51 0.20 -24.31 | 28.48 0.23 -20.71 | 27.95 0.25 -20.93 | 24.76 0.29 -16.11 | 26.40 0.29 -17.87 | 24.99 0.07 -22.65 | 25.50 0.08 -23.17 | 29.48 0.18 -23.62 | 24.58 0.07 -22.34 | 16.86 0.18 -13.09 | 11.02 0.28 -5.89 |
| NEPA___ENERGY 23901 | 13.48 0.19 -1.63 | 10.59 0.17 -1.60 | 10.38 0.15 -1.70 | 8.63 0.16 -1.59 | 10.61 0.14 -1.38 | 9.91 0.22 -4.43 | 20.25 0.09 -16.55 | 21.36 0.15 -12.24 | 24.89 0.06 -16.38 | 27.08 0.01 -19.12 | 30.11 0.03 -22.73 | 28.51 -0.02 -20.77 | 29.12 -0.02 -21.55 | 31.87 -0.02 -24.89 | 28.86 -0.02 -21.33 | 28.51 0.01 -21.72 | 25.65 0.03 -17.27 | 27.57 0.04 -19.29 | 26.18 0.02 -23.90 | 26.94 0.02 -24.67 | 29.90 0.01 -24.20 | 25.17 0.00 -23.01 | 17.67 0.09 -13.98 | 12.20 0.17 -7.17 |
| NEVERSINK___HYD 23608 | 21.34 0.44 -9.23 | 18.22 0.32 -9.09 | 18.45 0.28 -9.65 | 16.08 0.21 -8.99 | 16.48 0.29 -7.09 | 23.87 0.22 -18.40 | 28.67 0.18 -24.87 | 29.43 0.51 -19.95 | 32.16 0.51 -23.20 | 34.99 0.49 -26.55 | 35.90 0.48 -28.07 | 35.35 0.49 -27.10 | 34.34 0.46 -26.29 | 36.40 0.50 -28.90 | 34.29 0.51 -26.23 | 35.69 0.49 -28.43 | 39.28 0.63 -30.30 | 42.43 0.61 -33.57 | 38.64 0.16 -36.21 | 42.69 0.17 -40.26 | 39.20 0.41 -33.10 | 30.55 0.14 -28.25 | 26.45 0.22 -22.63 | 25.99 0.27 -20.86 |
| NEWTON___FALLS_HYD 23847 | 10.97 -0.70 0.00 | 8.26 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.54 -0.56 0.00 | 5.84 -0.26 -0.84 | 11.53 -0.20 -8.11 | 14.21 -0.53 -5.77 | 16.16 -0.49 -8.20 | 17.16 -0.45 -9.65 | 18.86 -0.44 -11.95 | 18.05 -0.43 -10.72 | 18.53 -0.42 -11.37 | 19.93 -0.45 -13.33 | 18.33 -0.45 -11.23 | 17.54 -0.43 -11.20 | 15.95 -0.49 -8.09 | 16.60 -0.49 -8.84 | 13.86 -0.13 -11.73 | 13.90 -0.14 -11.78 | 18.29 -0.32 -12.92 | 14.16 -0.12 -12.12 | 9.99 -0.23 -6.62 | 6.70 -0.30 -2.13 |
| NIAGARA_115E_LBMP 323715 | 12.79 -0.06 -1.18 | 10.00 0.02 -1.16 | 9.76 0.00 -1.24 | 8.06 0.02 -1.15 | 10.03 -0.07 -1.00 | 8.93 0.14 -3.54 | 19.61 0.02 -15.97 | 20.53 -0.16 -11.73 | 24.09 -0.26 -15.90 | 26.22 -0.33 -18.59 | 29.40 -0.26 -22.30 | 27.74 -0.32 -20.30 | 28.46 -0.29 -21.16 | 31.24 -0.29 -24.53 | 28.20 -0.29 -20.94 | 27.78 -0.22 -21.23 | 24.63 -0.26 -16.53 | 26.38 -0.26 -18.39 | 25.31 -0.07 -23.11 | 25.91 -0.07 -23.72 | 29.31 -0.22 -23.84 | 24.68 -0.08 -22.60 | 17.01 -0.01 -13.42 | 11.29 0.07 -6.36 |
| NIAGARA_115W_LBMP 323714 | 12.79 -0.06 -1.18 | 9.99 0.01 -1.16 | 9.75 -0.01 -1.23 | 8.05 0.02 -1.15 | 10.02 -0.08 -1.00 | 8.93 0.14 -3.53 | 19.60 0.01 -15.97 | 20.52 -0.17 -11.73 | 24.08 -0.27 -15.90 | 26.21 -0.33 -18.59 | 29.39 -0.27 -22.30 | 27.73 -0.33 -20.30 | 28.45 -0.30 -21.16 | 31.23 -0.29 -24.53 | 28.18 -0.30 -20.94 | 27.77 -0.22 -21.23 | 24.62 -0.27 -16.53 | 26.37 -0.26 -18.39 | 25.31 -0.07 -23.11 | 25.91 -0.07 -23.73 | 29.30 -0.22 -23.84 | 24.69 -0.08 -22.60 | 17.01 -0.01 -13.42 | 11.29 0.07 -6.36 |
| NIAGARA_230_LBMP 323716 | 12.81 -0.02 -1.17 | 9.99 0.03 -1.15 | 9.75 0.01 -1.22 | 8.05 0.03 -1.14 | 10.04 -0.05 -0.99 | 8.91 0.15 -3.51 | 19.60 0.03 -15.96 | 20.58 -0.10 -11.71 | 24.14 -0.20 -15.89 | 26.27 -0.26 -18.58 | 29.44 -0.21 -22.29 | 27.79 -0.26 -20.29 | 28.50 -0.24 -21.15 | 31.29 -0.23 -24.52 | 28.24 -0.23 -20.93 | 27.81 -0.17 -21.21 | 24.67 -0.20 -16.51 | 26.42 -0.19 -18.36 | 25.31 -0.05 -23.09 | 25.90 -0.05 -23.70 | 29.35 -0.17 -23.83 | 24.69 -0.06 -22.59 | 17.01 0.01 -13.40 | 11.28 0.09 -6.33 |
| NIAGARA____ 23760 | 12.79 -0.05 -1.18 | 9.99 0.02 -1.16 | 9.75 0.00 -1.23 | 8.06 0.03 -1.15 | 10.03 -0.06 -1.00 | 8.92 0.14 -3.52 | 19.61 0.02 -15.96 | 20.55 -0.13 -11.72 | 24.11 -0.24 -15.90 | 26.24 -0.29 -18.58 | 29.42 -0.24 -22.30 | 27.75 -0.29 -20.29 | 28.48 -0.27 -21.15 | 31.26 -0.27 -24.52 | 28.22 -0.26 -20.94 | 27.79 -0.20 -21.22 | 24.65 -0.23 -16.52 | 26.39 -0.23 -18.38 | 25.31 -0.06 -23.10 | 25.91 -0.06 -23.71 | 29.33 -0.19 -23.84 | 24.69 -0.07 -22.59 | 17.01 0.00 -13.41 | 11.29 0.08 -6.35 |
| NINE_MILE_1 23575 | 11.97 -0.17 -0.48 | 9.14 -0.14 -0.47 | 8.88 -0.14 -0.50 | 7.24 -0.11 -0.47 | 9.36 -0.15 -0.41 | 7.26 -0.05 -2.06 | 17.56 -0.04 -13.98 | 18.90 -0.12 -10.05 | 22.37 -0.13 -14.05 | 24.32 -0.12 -16.48 | 27.43 -0.11 -20.18 | 25.84 -0.12 -18.20 | 26.66 -0.11 -19.18 | 29.30 -0.10 -22.40 | 26.39 -0.11 -18.96 | 25.69 -0.10 -19.02 | 22.36 -0.12 -14.12 | 23.67 -0.12 -15.54 | 22.44 -0.03 -20.20 | 22.68 -0.03 -20.46 | 27.34 -0.09 -21.74 | 22.60 -0.03 -20.46 | 15.08 -0.04 -11.53 | 9.17 -0.05 -4.37 |
| NINE_MILE_2 23744 | 11.97 -0.17 -0.47 | 9.14 -0.14 -0.47 | 8.88 -0.14 -0.50 | 7.23 -0.11 -0.46 | 9.36 -0.15 -0.41 | 7.25 -0.05 -2.04 | 17.50 -0.04 -13.92 | 18.86 -0.12 -10.01 | 22.31 -0.13 -13.99 | 24.25 -0.12 -16.42 | 27.35 -0.11 -20.10 | 25.77 -0.12 -18.13 | 26.58 -0.11 -19.11 | 29.21 -0.10 -22.32 | 26.32 -0.11 -18.89 | 25.62 -0.10 -18.95 | 22.31 -0.12 -14.07 | 23.60 -0.12 -15.47 | 22.36 -0.03 -20.12 | 22.60 -0.03 -20.37 | 27.25 -0.09 -21.65 | 22.52 -0.03 -20.38 | 15.04 -0.04 -11.48 | 9.16 -0.05 -4.35 |
| NM_CAPITAL___DRP 24208 | 23.86 0.50 -11.69 | 20.70 0.38 -11.51 | 21.11 0.37 -12.22 | 18.58 0.30 -11.39 | 18.15 0.42 -8.63 | 28.50 0.28 -22.96 | 30.74 0.19 -26.93 | 31.42 0.49 -21.96 | 33.73 0.47 -24.80 | 36.64 0.45 -28.24 | 36.73 0.41 -28.96 | 36.58 0.43 -28.39 | 35.06 0.43 -27.04 | 36.69 0.40 -29.29 | 35.00 0.43 -27.03 | 36.95 0.39 -29.80 | 40.44 0.48 -31.60 | 45.95 0.46 -37.24 | 40.99 0.13 -38.60 | 45.44 0.13 -43.06 | 34.92 0.32 -28.92 | 31.38 0.12 -29.09 | 28.68 0.19 -24.90 | 30.10 0.25 -24.99 |
| NM_CENTRAL___DRP 24181 | 12.35 0.08 -0.60 | 9.45 0.04 -0.59 | 9.19 0.04 -0.63 | 7.51 0.03 -0.59 | 9.66 0.04 -0.53 | 7.67 0.07 -2.34 | 18.68 0.05 -15.01 | 19.89 0.12 -10.80 | 23.60 0.10 -15.05 | 25.70 0.10 -17.66 | 29.02 0.10 -21.57 | 27.33 0.10 -19.47 | 28.19 0.10 -20.50 | 31.02 0.09 -23.93 | 27.90 0.09 -20.27 | 27.21 0.09 -20.35 | 23.65 0.11 -15.19 | 25.08 0.11 -16.72 | 23.97 0.03 -21.67 | 24.26 0.03 -21.97 | 28.98 0.07 -23.22 | 24.07 0.03 -21.87 | 16.03 0.05 -12.39 | 9.74 0.06 -4.82 |
| NM_FRONTIER___DRP 24179 | 12.79 -0.06 -1.18 | 9.99 0.01 -1.16 | 9.75 -0.01 -1.23 | 8.05 0.02 -1.15 | 10.02 -0.08 -1.00 | 8.93 0.14 -3.53 | 19.60 0.01 -15.97 | 20.52 -0.17 -11.73 | 24.08 -0.27 -15.90 | 26.21 -0.33 -18.59 | 29.39 -0.27 -22.30 | 27.73 -0.33 -20.30 | 28.45 -0.30 -21.16 | 31.23 -0.29 -24.53 | 28.18 -0.30 -20.94 | 27.77 -0.22 -21.23 | 24.62 -0.27 -16.53 | 26.37 -0.26 -18.39 | 25.31 -0.07 -23.11 | 25.91 -0.07 -23.73 | 29.30 -0.22 -23.84 | 24.69 -0.08 -22.60 | 17.01 -0.01 -13.42 | 11.29 0.07 -6.36 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NM_ST_REGIS___HYD 24053 | 10.70 -0.97 0.00 | 8.06 -0.76 0.00 | 7.80 -0.72 0.00 | 6.29 -0.59 0.00 | 8.34 -0.76 0.00 | 5.45 -0.35 -0.54 | 8.61 -0.24 -5.23 | 12.03 -0.60 -3.67 | 13.23 -0.56 -5.34 | 13.71 -0.53 -6.29 | 14.75 -0.51 -7.90 | 14.29 -0.51 -7.05 | 14.62 -0.50 -7.53 | 15.40 -0.48 -8.88 | 14.46 -0.52 -7.43 | 13.64 -0.49 -7.36 | 12.91 -0.57 -5.13 | 13.23 -0.56 -5.55 | 9.68 -0.16 -7.57 | 9.62 -0.16 -7.52 | 13.90 -0.38 -8.60 | 10.04 -0.15 -8.03 | 7.53 -0.28 -4.22 | 5.53 -0.37 -1.04 |
| NORTHPORT___1 23551 | 21.64 1.45 -8.52 | 18.28 1.07 -8.39 | 18.48 1.05 -8.91 | 16.01 0.82 -8.31 | 16.84 1.08 -6.65 | 23.21 0.69 -17.26 | 28.50 0.53 -24.35 | 33.03 1.35 -22.70 | 36.80 1.27 -27.08 | 40.36 1.19 -31.22 | 40.84 1.10 -32.39 | 40.69 1.15 -31.79 | 39.70 1.12 -30.99 | 40.70 1.04 -32.67 | 40.85 1.12 -32.19 | 41.72 1.01 -33.94 | 41.72 1.25 -32.12 | 42.29 1.23 -32.82 | 41.00 0.34 -38.39 | 42.96 0.34 -40.37 | 44.74 0.84 -38.22 | 41.00 0.32 -38.51 | 29.52 0.55 -25.38 | 25.48 0.75 -19.88 |
| NORTHPORT___2 23552 | 21.64 1.45 -8.52 | 18.28 1.07 -8.39 | 18.48 1.05 -8.91 | 16.01 0.82 -8.31 | 16.84 1.08 -6.65 | 23.21 0.69 -17.26 | 28.50 0.53 -24.35 | 33.03 1.35 -22.70 | 36.80 1.27 -27.08 | 40.36 1.19 -31.22 | 40.84 1.10 -32.39 | 40.69 1.15 -31.79 | 39.70 1.12 -30.99 | 40.70 1.04 -32.67 | 40.85 1.12 -32.19 | 41.72 1.01 -33.94 | 41.72 1.25 -32.12 | 42.29 1.23 -32.82 | 41.00 0.34 -38.39 | 42.96 0.34 -40.37 | 44.74 0.84 -38.22 | 41.00 0.32 -38.51 | 29.52 0.55 -25.38 | 25.48 0.75 -19.88 |
| NORTHPORT___3 23553 | 21.72 1.53 -8.52 | 18.34 1.13 -8.39 | 18.52 1.09 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.53 0.56 -24.35 | 33.08 1.43 -22.69 | 36.87 1.35 -27.06 | 40.43 1.27 -31.21 | 40.92 1.18 -32.38 | 40.78 1.24 -31.78 | 39.78 1.21 -30.98 | 40.78 1.13 -32.66 | 40.93 1.21 -32.17 | 41.80 1.10 -33.93 | 41.85 1.37 -32.12 | 42.43 1.37 -32.82 | 41.02 0.37 -38.39 | 42.99 0.37 -40.37 | 44.84 0.94 -38.22 | 41.01 0.35 -38.49 | 29.54 0.58 -25.36 | 25.52 0.79 -19.88 |
| NORTHPORT___4 23650 | 21.72 1.53 -8.52 | 18.34 1.13 -8.39 | 18.52 1.09 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.53 0.56 -24.35 | 33.08 1.43 -22.69 | 36.87 1.35 -27.06 | 40.43 1.27 -31.21 | 40.92 1.18 -32.38 | 40.78 1.24 -31.78 | 39.78 1.21 -30.98 | 40.78 1.13 -32.66 | 40.93 1.21 -32.17 | 41.80 1.10 -33.93 | 41.85 1.37 -32.12 | 42.43 1.37 -32.82 | 41.02 0.37 -38.39 | 42.99 0.37 -40.37 | 44.84 0.94 -38.22 | 41.01 0.35 -38.49 | 29.54 0.58 -25.36 | 25.52 0.79 -19.88 |
| NORTHPORT___IC 23718 | 21.64 1.45 -8.52 | 18.28 1.07 -8.39 | 18.48 1.05 -8.91 | 16.01 0.82 -8.31 | 16.84 1.08 -6.65 | 23.21 0.69 -17.26 | 28.50 0.53 -24.35 | 33.03 1.35 -22.70 | 36.80 1.27 -27.08 | 40.36 1.19 -31.22 | 40.84 1.10 -32.39 | 40.69 1.15 -31.79 | 39.70 1.12 -30.99 | 40.70 1.04 -32.67 | 40.85 1.12 -32.19 | 41.72 1.01 -33.94 | 41.72 1.25 -32.12 | 42.29 1.23 -32.82 | 41.00 0.34 -38.39 | 42.96 0.34 -40.37 | 44.74 0.84 -38.22 | 41.00 0.32 -38.51 | 29.52 0.55 -25.38 | 25.48 0.75 -19.88 |
| NPX_GEN_1385_PROXY 323591 | 21.64 1.45 -8.52 | 18.28 1.07 -8.39 | 18.54 1.11 -8.91 | 16.01 0.82 -8.31 | 16.84 1.08 -6.65 | 23.48 0.66 -17.57 | 28.17 0.51 -24.04 | 32.90 1.23 -22.70 | 36.20 1.01 -26.74 | 36.80 0.95 -27.90 | 38.00 0.88 -29.77 | 39.20 0.91 -30.53 | 37.06 0.90 -28.58 | 36.95 0.83 -29.12 | 35.38 0.90 -26.94 | 34.76 0.81 -27.18 | 36.46 0.99 -27.11 | 37.80 0.98 -28.57 | 37.30 0.27 -34.76 | 42.90 0.28 -40.37 | 44.57 0.67 -38.22 | 34.80 0.26 -32.38 | 29.44 0.47 -25.38 | 25.43 0.69 -19.88 |
| NPX_GEN_CSC 323557 | 21.43 1.24 -8.52 | 18.13 0.92 -8.39 | 18.33 0.89 -8.91 | 15.89 0.70 -8.31 | 16.69 0.94 -6.65 | 23.43 0.61 -17.57 | 28.15 0.49 -24.04 | 33.00 1.28 -22.75 | 36.78 1.22 -27.11 | 40.32 1.14 -31.23 | 40.79 1.05 -32.38 | 40.63 1.09 -31.78 | 39.63 1.05 -30.98 | 40.64 0.98 -32.66 | 40.78 1.06 -32.17 | 41.67 0.97 -33.93 | 41.69 1.21 -32.12 | 42.27 1.20 -32.82 | 40.98 0.33 -38.38 | 42.96 0.34 -40.37 | 44.74 0.84 -38.22 | 40.97 0.31 -38.49 | 29.52 0.51 -25.41 | 25.42 0.68 -19.88 |
| NSINS_S_GLNS_FALLS 23858 | 24.56 0.74 -12.16 | 21.35 0.56 -11.97 | 21.76 0.53 -12.71 | 19.18 0.45 -11.85 | 18.67 0.63 -8.94 | 29.86 0.37 -24.24 | 31.24 0.21 -27.42 | 31.99 0.57 -22.46 | 34.18 0.57 -25.16 | 37.11 0.53 -28.62 | 36.94 0.48 -29.11 | 36.80 0.48 -28.57 | 35.16 0.46 -27.11 | 36.70 0.43 -29.28 | 35.09 0.44 -27.11 | 37.27 0.42 -30.08 | 41.54 0.53 -32.66 | 46.97 0.51 -38.21 | 41.79 0.15 -39.38 | 46.56 0.14 -44.16 | 35.90 0.37 -29.85 | 31.53 0.13 -29.23 | 29.23 0.19 -25.44 | 31.16 0.24 -26.06 |
| NUCOR_STEEL___DRP 24197 | 13.12 0.50 -0.95 | 10.09 0.34 -0.93 | 9.83 0.32 -0.99 | 8.07 0.26 -0.93 | 10.26 0.35 -0.81 | 8.59 0.29 -3.04 | 19.20 0.22 -15.35 | 21.33 0.74 -11.63 | 24.93 0.68 -15.80 | 27.06 0.63 -18.48 | 30.13 0.58 -22.19 | 28.56 0.61 -20.19 | 29.25 0.60 -21.06 | 31.96 0.54 -24.42 | 28.95 0.57 -20.84 | 28.41 0.53 -21.11 | 25.40 0.65 -16.40 | 27.13 0.66 -18.23 | 25.40 0.18 -22.95 | 25.98 0.18 -23.54 | 29.87 0.45 -23.73 | 24.82 0.17 -22.49 | 17.18 0.27 -13.31 | 11.45 0.36 -6.23 |
| NYISO_LBMP_REFERENCE 24008 | 11.67 0.00 0.00 | 8.82 0.00 0.00 | 8.52 0.00 0.00 | 6.88 0.00 0.00 | 9.10 0.00 0.00 | 5.26 0.00 0.00 | 3.62 0.00 0.00 | 8.97 0.00 0.00 | 8.45 0.00 0.00 | 7.95 0.00 0.00 | 7.36 0.00 0.00 | 7.76 0.00 0.00 | 7.59 0.00 0.00 | 7.00 0.00 0.00 | 7.54 0.00 0.00 | 6.77 0.00 0.00 | 8.36 0.00 0.00 | 8.25 0.00 0.00 | 2.27 0.00 0.00 | 2.25 0.00 0.00 | 5.69 0.00 0.00 | 2.17 0.00 0.00 | 3.60 0.00 0.00 | 4.86 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 21.71 1.52 -8.52 | 18.34 1.13 -8.39 | 18.53 1.10 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.54 0.57 -24.35 | 33.26 1.47 -22.82 | 37.00 1.39 -27.16 | 40.50 1.30 -31.25 | 40.93 1.21 -32.36 | 40.78 1.26 -31.76 | 39.78 1.22 -30.97 | 40.78 1.13 -32.65 | 40.93 1.23 -32.15 | 41.79 1.11 -33.91 | 41.85 1.38 -32.12 | 42.42 1.36 -32.82 | 41.02 0.38 -38.38 | 43.00 0.38 -40.37 | 44.84 0.94 -38.22 | 40.98 0.36 -38.46 | 29.65 0.59 -25.46 | 25.53 0.79 -19.88 |
| NYPA_GOWANUS___GT5 24156 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.12 1.00 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.65 1.01 -39.10 | 47.79 0.92 -40.10 | 46.92 1.15 -37.41 | 46.63 1.13 -37.26 | 43.63 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| NYPA_GOWANUS___GT6 24157 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.12 1.00 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.65 1.01 -39.10 | 47.79 0.92 -40.10 | 46.92 1.15 -37.41 | 46.63 1.13 -37.26 | 43.63 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |
| NYPA_HARLEM__RVR__GT1 24160 | 21.77 1.39 -8.72 | 18.28 1.07 -8.40 | 18.48 1.04 -8.92 | 16.03 0.83 -8.31 | 16.88 1.12 -6.66 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.24 -19.65 | 32.70 1.17 -23.08 | 36.03 1.09 -26.98 | 37.05 1.02 -28.68 | 36.77 1.05 -27.96 | 35.76 1.02 -27.14 | 37.78 0.96 -29.83 | 35.80 1.03 -27.22 | 37.16 0.94 -29.45 | 41.24 1.17 -31.72 | 42.55 1.15 -33.16 | 46.51 0.32 -43.92 | 42.94 0.31 -40.38 | 44.67 0.78 -38.21 | 31.78 0.30 -29.31 | 27.25 0.50 -23.16 | 25.50 0.67 -19.98 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| NYPA_HARLEM__RVR_GT2 24161 | 21.77 1.39 -8.72 | 18.28 1.07 -8.40 | 18.48 1.04 -8.92 | 16.03 0.83 -8.31 | 16.88 1.12 -6.66 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.24 -19.65 | 32.70 1.17 -23.08 | 36.03 1.09 -26.98 | 37.05 1.02 -28.68 | 36.77 1.05 -27.96 | 35.76 1.02 -27.14 | 37.78 0.96 -29.83 | 35.80 1.03 -27.22 | 37.16 0.94 -29.45 | 41.24 1.17 -31.72 | 42.55 1.15 -33.16 | 46.51 0.32 -43.92 | 42.94 0.31 -40.38 | 44.67 0.78 -38.21 | 31.78 0.30 -29.31 | 27.25 0.50 -23.16 | 25.50 0.67 -19.98 |
| NYPA_KENT____GT 24152 | 23.55 1.38 -10.51 | 18.26 1.05 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.83 1.07 -6.66 | 23.19 0.67 -17.26 | 28.42 0.48 -24.32 | 32.71 1.24 -22.50 | 36.22 1.17 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.76 1.04 -36.96 | 46.85 1.02 -38.24 | 47.63 0.95 -39.68 | 47.67 1.03 -39.10 | 47.81 0.93 -40.10 | 46.93 1.16 -37.41 | 46.65 1.15 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.86 0.67 -25.34 |
| NYPA_POUCH1____GT 24155 | 23.48 1.29 -10.52 | 18.24 1.02 -8.40 | 18.40 0.96 -8.92 | 15.97 0.77 -8.31 | 16.79 1.03 -6.66 | 23.15 0.64 -17.26 | 28.40 0.46 -24.32 | 32.89 1.19 -22.73 | 36.47 1.13 -26.88 | 44.74 1.06 -35.73 | 43.60 0.98 -35.27 | 44.98 0.99 -36.23 | 45.93 0.97 -37.37 | 46.81 0.91 -38.90 | 46.68 0.97 -38.16 | 46.91 0.89 -39.24 | 46.45 1.11 -36.98 | 46.28 1.10 -36.93 | 43.26 0.30 -40.69 | 42.99 0.30 -40.44 | 44.66 0.76 -38.22 | 39.77 0.30 -37.31 | 36.69 0.48 -32.61 | 31.23 0.64 -25.73 |
| NYPA_VERNON____GT2 24162 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.24 1.18 -26.61 | 44.14 1.11 -35.08 | 43.14 1.02 -34.76 | 45.78 1.06 -36.96 | 46.87 1.04 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.18 -37.41 | 46.67 1.16 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| NYPA_VERNON____GT3 24163 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.24 1.18 -26.61 | 44.14 1.11 -35.08 | 43.14 1.02 -34.76 | 45.78 1.06 -36.96 | 46.87 1.04 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.18 -37.41 | 46.67 1.16 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| NYPA__ASTORIA_CC1 323568 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| NYPA__ASTORIA_CC2 323569 | 23.56 1.39 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.03 -39.10 | 47.82 0.94 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.31 -40.43 | 44.69 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| NYPA__HOLTSVILL 23794 | 21.59 1.40 -8.52 | 18.25 1.04 -8.39 | 18.44 1.01 -8.91 | 15.99 0.80 -8.31 | 16.82 1.06 -6.65 | 23.20 0.68 -17.26 | 28.50 0.53 -24.35 | 33.10 1.38 -22.75 | 36.87 1.31 -27.11 | 40.41 1.22 -31.23 | 40.87 1.13 -32.38 | 40.71 1.18 -31.78 | 39.72 1.15 -30.98 | 40.72 1.06 -32.66 | 40.87 1.15 -32.17 | 41.74 1.04 -33.93 | 41.78 1.30 -32.12 | 42.35 1.29 -32.82 | 41.01 0.36 -38.39 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 40.99 0.34 -38.49 | 29.56 0.55 -25.41 | 25.48 0.74 -19.88 |
| NYPA____HELLGATE_GT1 24158 | 25.32 1.39 -12.26 | 18.30 1.07 -8.41 | 18.49 1.04 -8.93 | 16.04 0.83 -8.33 | 16.89 1.12 -6.67 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.24 -19.65 | 32.70 1.17 -23.08 | 44.78 1.09 -35.74 | 47.05 1.02 -38.68 | 51.60 1.05 -42.79 | 47.27 1.02 -38.66 | 50.49 0.96 -42.54 | 48.60 1.03 -40.03 | 54.02 0.94 -46.30 | 44.09 1.17 -34.57 | 49.34 1.15 -39.95 | 39.19 0.32 -36.61 | 43.01 0.31 -40.45 | 44.67 0.78 -38.21 | 43.82 0.30 -41.35 | 41.68 0.50 -37.59 | 27.55 0.67 -22.03 |
| NYPA____HELLGATE_GT2 24159 | 25.32 1.39 -12.26 | 18.30 1.07 -8.41 | 18.49 1.04 -8.93 | 16.04 0.83 -8.33 | 16.89 1.12 -6.67 | 23.20 0.68 -17.26 | 28.40 0.47 -24.31 | 29.86 1.24 -19.65 | 32.70 1.17 -23.08 | 44.78 1.09 -35.74 | 47.05 1.02 -38.68 | 51.60 1.05 -42.79 | 47.27 1.02 -38.66 | 50.49 0.96 -42.54 | 48.60 1.03 -40.03 | 54.02 0.94 -46.30 | 44.09 1.17 -34.57 | 49.34 1.15 -39.95 | 39.19 0.32 -36.61 | 43.01 0.31 -40.45 | 44.67 0.78 -38.21 | 43.82 0.30 -41.35 | 41.68 0.50 -37.59 | 27.55 0.67 -22.03 |
| NYS_BARGE__HYD 23848 | 12.92 0.10 -1.15 | 10.07 0.12 -1.13 | 9.83 0.10 -1.20 | 8.11 0.10 -1.12 | 10.12 0.05 -0.98 | 8.95 0.22 -3.47 | 19.63 0.08 -15.93 | 20.67 0.02 -11.69 | 24.22 -0.09 -15.87 | 26.34 -0.16 -18.55 | 29.52 -0.10 -22.27 | 27.86 -0.16 -20.26 | 28.59 -0.13 -21.13 | 31.36 -0.13 -24.50 | 28.33 -0.13 -20.91 | 27.88 -0.07 -21.19 | 24.74 -0.09 -16.48 | 26.48 -0.08 -18.32 | 25.30 -0.02 -23.05 | 25.88 -0.02 -23.65 | 29.40 -0.09 -23.81 | 24.70 -0.03 -22.56 | 17.03 0.06 -13.38 | 11.30 0.15 -6.30 |
| O.H_GEN_BRUCE 24063 | 13.00 0.04 -1.30 | 10.16 0.06 -1.28 | 9.92 0.04 -1.36 | 8.21 0.06 -1.27 | 10.20 0.00 -1.10 | 9.50 0.16 -4.08 | 19.48 0.04 -15.82 | 20.80 -0.03 -11.86 | 24.35 -0.13 -16.03 | 26.50 -0.18 -18.73 | 29.63 -0.14 -22.41 | 27.99 -0.19 -20.42 | 28.68 -0.17 -21.26 | 31.45 -0.17 -24.62 | 28.41 -0.17 -21.04 | 28.01 -0.12 -21.36 | 24.95 -0.13 -16.73 | 26.75 -0.12 -18.63 | 25.56 -0.03 -23.32 | 26.20 -0.03 -23.98 | 29.51 -0.11 -23.94 | 24.83 -0.04 -22.71 | 17.20 0.04 -13.57 | 11.54 0.11 -6.57 |
| OAK_ORCHARD__HYD 24046 | 12.82 0.22 -0.93 | 9.90 0.17 -0.92 | 9.64 0.14 -0.97 | 7.91 0.12 -0.91 | 10.01 0.12 -0.79 | 8.49 0.21 -3.03 | 19.39 0.14 -15.63 | 20.68 0.30 -11.42 | 24.23 0.17 -15.61 | 26.34 0.12 -18.27 | 29.54 0.15 -22.04 | 27.90 0.13 -20.01 | 28.64 0.13 -20.92 | 31.43 0.13 -24.30 | 28.41 0.17 -20.70 | 27.88 0.19 -20.92 | 24.67 0.23 -16.09 | 26.33 0.24 -17.84 | 24.96 0.06 -22.63 | 25.46 0.07 -23.14 | 29.43 0.14 -23.61 | 24.55 0.05 -22.33 | 16.82 0.15 -13.08 | 10.95 0.23 -5.87 |
| OCC_CHEM__DRP 24175 | 12.81 -0.03 -1.18 | 10.01 0.03 -1.16 | 9.76 0.01 -1.24 | 8.07 0.03 -1.15 | 10.05 -0.05 -1.00 | 8.95 0.15 -3.54 | 19.62 0.02 -15.97 | 20.55 -0.14 -11.73 | 24.11 -0.25 -15.91 | 26.24 -0.30 -18.59 | 29.42 -0.24 -22.30 | 27.75 -0.30 -20.30 | 28.48 -0.27 -21.16 | 31.26 -0.27 -24.53 | 28.22 -0.27 -20.94 | 27.80 -0.20 -21.23 | 24.65 -0.24 -16.54 | 26.41 -0.23 -18.39 | 25.32 -0.06 -23.12 | 25.92 -0.06 -23.73 | 29.33 -0.20 -23.84 | 24.69 -0.07 -22.60 | 17.02 0.00 -13.42 | 11.30 0.08 -6.36 |
| OLIN_CORP_DRP 24177 | 12.83 -0.02 -1.19 | 10.03 0.04 -1.17 | 9.78 0.02 -1.25 | 8.08 0.03 -1.16 | 10.06 -0.05 -1.01 | 8.97 0.16 -3.56 | 19.63 0.03 -15.98 | 20.58 -0.13 -11.74 | 24.14 -0.23 -15.91 | 26.26 -0.29 -18.60 | 29.43 -0.24 -22.31 | 27.78 -0.29 -20.31 | 28.50 -0.26 -21.17 | 31.27 -0.26 -24.54 | 28.23 -0.26 -20.95 | 27.82 -0.19 -21.24 | 24.67 -0.23 -16.55 | 26.43 -0.22 -18.41 | 25.34 -0.06 -23.13 | 25.94 -0.06 -23.74 | 29.34 -0.19 -23.85 | 24.70 -0.07 -22.60 | 17.03 0.00 -13.43 | 11.32 0.09 -6.37 |

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|---|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| OLIN_CORP_DSASP 323712 | 12.81 -0.03 -1.18 | 10.01 0.03 -1.16 | 9.76 0.01 -1.24 | 8.07 0.03 -1.15 | 10.05 -0.05 -1.00 | 8.95 0.15 -3.54 | 19.62 0.02 -15.97 | 20.55 -0.14 -11.73 | 24.11 -0.25 -15.91 | 26.24 -0.30 -18.59 | 29.42 -0.24 -22.30 | 27.75 -0.30 -20.30 | 28.48 -0.27 -21.16 | 31.26 -0.27 -24.53 | 28.22 -0.27 -20.94 | 27.80 -0.20 -21.23 | 24.65 -0.24 -16.54 | 26.41 -0.23 -18.39 | 25.32 -0.06 -23.12 | 25.92 -0.06 -23.73 | 29.33 -0.20 -23.84 | 24.69 -0.07 -22.60 | 17.02 0.00 -13.42 | 11.30 0.08 -6.36 |
| ONEIDA_HERK_LFGE 323681 | 11.77 0.10 0.00 | 8.87 0.05 0.00 | 8.57 0.05 0.00 | 6.92 0.04 0.00 | 9.17 0.07 0.00 | 6.27 0.08 -0.94 | 18.68 0.08 -14.98 | 19.74 0.18 -10.60 | 23.85 0.19 -15.21 | 26.06 0.20 -17.91 | 29.81 0.15 -22.30 | 27.88 0.16 -19.96 | 28.98 0.16 -21.23 | 32.10 0.15 -24.96 | 28.66 0.14 -20.97 | 27.74 0.11 -20.85 | 23.34 0.14 -14.84 | 24.54 0.14 -16.16 | 23.99 0.04 -21.68 | 23.97 0.04 -21.68 | 29.99 0.12 -24.18 | 24.85 0.05 -22.64 | 15.82 0.05 -12.17 | 8.50 0.09 -3.56 |
| ONONDAGA_REF_OCCRA 23987 | 12.52 0.12 -0.74 | 9.61 0.07 -0.73 | 9.35 0.06 -0.77 | 7.66 0.05 -0.72 | 9.81 0.07 -0.64 | 7.96 0.09 -2.62 | 18.78 0.06 -15.10 | 20.03 0.15 -10.91 | 23.70 0.14 -15.11 | 25.79 0.13 -17.71 | 29.04 0.12 -21.56 | 27.38 0.13 -19.49 | 28.20 0.13 -20.48 | 30.98 0.11 -23.87 | 27.92 0.12 -20.25 | 27.26 0.11 -20.38 | 23.83 0.13 -15.34 | 25.32 0.14 -16.93 | 24.10 0.04 -21.80 | 24.45 0.04 -22.16 | 28.96 0.10 -23.17 | 24.06 0.04 -21.86 | 16.16 0.06 -12.50 | 10.02 0.08 -5.08 |
| ONONDAGA___COGEN 23986 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| ONTARIO___LFGE 23819 | 13.06 0.32 -1.08 | 10.11 0.23 -1.06 | 9.86 0.21 -1.13 | 8.11 0.18 -1.05 | 10.23 0.22 -0.91 | 8.81 0.24 -3.31 | 19.49 0.17 -15.70 | 20.87 0.40 -11.50 | 24.44 0.33 -15.66 | 26.56 0.29 -18.32 | 29.69 0.29 -22.05 | 28.08 0.29 -20.04 | 28.79 0.27 -20.93 | 31.54 0.25 -24.29 | 28.52 0.27 -20.71 | 27.99 0.26 -20.96 | 24.88 0.32 -16.20 | 26.57 0.33 -17.99 | 25.09 0.09 -22.73 | 25.63 0.09 -23.28 | 29.51 0.23 -23.60 | 24.59 0.08 -22.34 | 16.92 0.17 -13.16 | 11.14 0.24 -6.04 |
| ORANGEVILLE_WT_PWR 323706 | 13.35 0.27 -1.41 | 10.43 0.23 -1.39 | 10.21 0.21 -1.48 | 8.45 0.19 -1.38 | 10.48 0.18 -1.20 | 9.52 0.27 -4.00 | 20.01 0.13 -16.26 | 21.19 0.24 -11.98 | 24.73 0.13 -16.14 | 26.88 0.07 -18.85 | 29.97 0.10 -22.51 | 28.35 0.06 -20.53 | 29.01 0.07 -21.35 | 31.75 0.05 -24.70 | 28.74 0.06 -21.13 | 28.33 0.09 -21.47 | 25.37 0.11 -16.90 | 27.22 0.12 -18.85 | 25.82 0.04 -23.51 | 26.50 0.04 -24.21 | 29.77 0.06 -24.02 | 24.99 0.02 -22.80 | 17.43 0.13 -13.71 | 11.85 0.22 -6.77 |
| OSWEGATCHIE___HYD 24044 | 10.97 -0.70 0.00 | 8.26 -0.56 0.00 | 7.98 -0.54 0.00 | 6.44 -0.44 0.00 | 8.54 -0.56 0.00 | 5.84 -0.26 -0.84 | 11.53 -0.20 -8.11 | 14.21 -0.53 -5.77 | 16.16 -0.49 -8.20 | 17.16 -0.45 -9.65 | 18.86 -0.44 -11.95 | 18.05 -0.43 -10.72 | 18.53 -0.42 -11.37 | 19.93 -0.40 -13.33 | 18.33 -0.45 -11.23 | 17.54 -0.43 -11.20 | 15.95 -0.49 -8.09 | 16.60 -0.49 -8.84 | 13.86 -0.13 -11.73 | 13.90 -0.14 -11.78 | 18.29 -0.32 -12.92 | 14.16 -0.12 -12.12 | 9.99 -0.23 -6.62 | 6.70 -0.30 -2.13 |
| OSWEGO___5 23606 | 12.12 -0.09 -0.55 | 9.27 -0.08 -0.54 | 9.01 -0.08 -0.57 | 7.35 -0.06 -0.53 | 9.48 -0.09 -0.47 | 7.40 -0.01 -2.15 | 17.24 -0.01 -13.63 | 18.73 -0.05 -9.82 | 22.07 -0.06 -13.67 | 23.93 -0.06 -16.04 | 26.89 -0.05 -19.59 | 25.38 -0.06 -17.68 | 26.14 -0.06 -18.61 | 28.67 -0.06 -21.72 | 25.89 -0.06 -18.40 | 25.21 -0.05 -18.48 | 22.10 -0.06 -13.80 | 23.39 -0.06 -15.21 | 21.94 -0.02 -19.69 | 22.21 -0.02 -19.97 | 26.73 -0.04 -21.08 | 22.01 -0.02 -19.86 | 14.84 -0.01 -11.26 | 9.24 -0.02 -4.40 |
| OSWEGO___6 23613 | 12.12 -0.09 -0.55 | 9.27 -0.08 -0.54 | 9.01 -0.08 -0.57 | 7.35 -0.06 -0.53 | 9.48 -0.09 -0.47 | 7.40 -0.01 -2.15 | 17.24 -0.01 -13.63 | 18.73 -0.05 -9.82 | 22.07 -0.06 -13.67 | 23.93 -0.06 -16.04 | 26.89 -0.05 -19.59 | 25.38 -0.06 -17.68 | 26.14 -0.06 -18.61 | 28.67 -0.06 -21.72 | 25.89 -0.06 -18.40 | 25.21 -0.05 -18.48 | 22.10 -0.06 -13.80 | 23.39 -0.06 -15.21 | 21.94 -0.02 -19.69 | 22.21 -0.02 -19.97 | 26.73 -0.04 -21.08 | 22.01 -0.02 -19.86 | 14.84 -0.01 -11.26 | 9.24 -0.02 -4.40 |
| OUTOKUMPU-AB___DRP 24206 | 13.09 0.22 -1.20 | 10.21 0.21 -1.18 | 9.96 0.19 -1.26 | 8.23 0.17 -1.17 | 10.26 0.14 -1.02 | 9.10 0.27 -3.58 | 19.73 0.11 -16.00 | 20.85 0.13 -11.75 | 24.40 0.03 -15.92 | 26.52 -0.05 -18.61 | 29.69 0.01 -22.32 | 28.04 -0.04 -20.32 | 28.75 -0.02 -21.18 | 31.51 -0.03 -24.54 | 28.48 -0.02 -20.96 | 28.04 0.02 -21.25 | 24.95 0.03 -16.57 | 26.70 0.02 -18.43 | 25.43 0.01 -23.15 | 26.03 0.01 -23.77 | 29.52 -0.02 -23.85 | 24.78 0.00 -22.61 | 17.14 0.10 -13.44 | 11.45 0.20 -6.39 |
| OXBOW___ 24026 | 12.98 0.12 -1.19 | 10.13 0.14 -1.17 | 9.88 0.11 -1.25 | 8.16 0.12 -1.16 | 10.17 0.05 -1.01 | 9.03 0.22 -3.56 | 19.68 0.08 -15.99 | 20.72 0.02 -11.74 | 24.28 -0.08 -15.91 | 26.41 -0.15 -18.60 | 29.58 -0.09 -22.31 | 27.92 -0.15 -20.31 | 28.64 -0.12 -21.17 | 31.41 -0.13 -24.54 | 28.37 -0.13 -20.95 | 27.94 -0.07 -21.24 | 24.82 -0.08 -16.55 | 26.57 -0.08 -18.41 | 25.38 -0.02 -23.13 | 25.98 -0.02 -23.75 | 29.44 -0.09 -23.85 | 24.74 -0.03 -22.61 | 17.09 0.06 -13.43 | 11.39 0.16 -6.38 |
| OXY_CHEM_DSASP 323612 | 12.81 -0.03 -1.18 | 10.01 0.03 -1.16 | 9.76 0.01 -1.24 | 8.07 0.03 -1.15 | 10.05 -0.05 -1.00 | 8.95 0.15 -3.54 | 19.62 0.02 -15.97 | 20.55 -0.14 -11.73 | 24.11 -0.25 -15.91 | 26.24 -0.30 -18.59 | 29.42 -0.24 -22.30 | 27.75 -0.30 -20.30 | 28.48 -0.27 -21.16 | 31.26 -0.27 -24.53 | 28.22 -0.27 -20.94 | 27.80 -0.20 -21.23 | 24.65 -0.24 -16.54 | 26.41 -0.23 -18.39 | 25.32 -0.06 -23.12 | 25.92 -0.06 -23.73 | 29.33 -0.20 -23.84 | 24.69 -0.07 -22.60 | 17.02 0.00 -13.42 | 11.30 0.08 -6.36 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 12.81 -0.03 -1.18 | 10.01 0.03 -1.16 | 9.76 0.01 -1.24 | 8.07 0.03 -1.15 | 10.05 -0.05 -1.00 | 8.95 0.15 -3.54 | 19.62 0.02 -15.97 | 20.55 -0.14 -11.73 | 24.11 -0.25 -15.91 | 26.24 -0.30 -18.59 | 29.42 -0.24 -22.30 | 27.75 -0.30 -20.30 | 28.48 -0.27 -21.16 | 31.26 -0.27 -24.53 | 28.22 -0.27 -20.94 | 27.80 -0.20 -21.23 | 24.65 -0.24 -16.54 | 26.41 -0.23 -18.39 | 25.32 -0.06 -23.12 | 25.92 -0.06 -23.73 | 29.33 -0.20 -23.84 | 24.69 -0.07 -22.60 | 17.02 0.00 -13.42 | 11.30 0.08 -6.36 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 21.54 1.34 -8.53 | 18.24 1.02 -8.40 | 18.43 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.18 0.66 -17.26 | 28.40 0.47 -24.31 | 29.82 1.20 -19.65 | 32.66 1.13 -23.08 | 35.54 1.06 -26.53 | 36.51 0.99 -28.16 | 35.96 1.02 -27.19 | 35.13 0.99 -26.55 | 37.10 0.93 -29.17 | 35.10 1.00 -26.56 | 36.26 0.91 -28.57 | 41.05 1.13 -31.57 | 42.17 1.11 -32.81 | 38.80 0.31 -36.23 | 42.93 0.30 -40.37 | 44.66 0.76 -38.21 | 31.15 0.29 -28.69 | 26.49 0.48 -22.41 | 25.38 0.65 -19.87 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 21.56 1.36 -8.53 | 18.26 1.05 -8.40 | 18.45 1.01 -8.92 | 16.01 0.82 -8.31 | 16.86 1.10 -6.66 | 23.19 0.67 -17.26 | 28.40 0.47 -24.31 | 29.85 1.23 -19.65 | 32.69 1.16 -23.08 | 35.57 1.09 -26.53 | 36.54 1.02 -28.16 | 36.00 1.05 -27.19 | 35.17 1.03 -26.55 | 37.13 0.97 -29.17 | 35.13 1.03 -26.56 | 36.28 0.94 -28.57 | 41.10 1.17 -31.57 | 42.21 1.15 -32.81 | 38.81 0.32 -36.23 | 42.94 0.32 -40.37 | 44.68 0.79 -38.21 | 31.16 0.30 -28.69 | 26.50 0.50 -22.41 | 25.40 0.67 -19.87 |

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| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 13.34 0.36 -1.31 | 10.41 0.31 -1.29 | 10.17 0.28 -1.37 | 8.41 0.25 -1.28 | 10.46 0.25 -1.11 | 9.37 0.33 -3.79 | 19.91 0.16 -16.13 | 21.14 0.31 -11.87 | 24.68 0.19 -16.04 | 26.81 0.12 -18.74 | 29.94 0.16 -22.42 | 28.31 0.12 -20.43 | 28.98 0.12 -21.27 | 31.73 0.10 -24.63 | 28.70 0.11 -21.05 | 28.27 0.14 -21.37 | 25.27 0.17 -16.74 | 27.06 0.16 -18.65 | 25.66 0.05 -23.34 | 26.30 0.05 -24.00 | 29.72 0.09 -23.94 | 24.92 0.04 -22.72 | 17.34 0.16 -13.58 | 11.71 0.26 -6.59 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 21.94 1.32 -8.96 | 18.62 0.99 -8.82 | 18.82 0.94 -9.37 | 16.36 0.74 -8.73 | 17.00 0.98 -6.92 | 23.83 0.63 -17.95 | 28.73 0.45 -24.65 | 29.89 1.17 -19.75 | 32.63 1.12 -23.06 | 35.41 1.07 -26.40 | 36.37 1.03 -27.98 | 35.82 1.07 -26.99 | 34.85 1.04 -26.22 | 36.84 0.98 -28.86 | 34.75 1.05 -26.16 | 36.03 0.96 -28.30 | 41.38 1.19 -31.83 | 42.84 1.19 -33.41 | 39.10 0.32 -36.51 | 43.54 0.33 -40.96 | 44.47 0.82 -37.96 | 30.63 0.30 -28.16 | 26.52 0.50 -22.43 | 26.01 0.65 -20.50 |
| PEEKSKILL____ 23653 | 21.27 1.22 -8.38 | 17.97 0.91 -8.25 | 18.14 0.86 -8.76 | 15.73 0.69 -8.16 | 16.58 0.92 -6.56 | 22.89 0.59 -17.04 | 28.25 0.42 -24.21 | 29.35 1.09 -19.29 | 32.17 1.04 -22.68 | 34.93 0.99 -25.99 | 36.02 0.92 -27.74 | 35.39 0.96 -26.67 | 34.54 0.93 -26.02 | 36.60 0.87 -28.73 | 34.43 0.94 -25.94 | 35.60 0.86 -27.97 | 40.47 1.06 -31.05 | 41.82 1.05 -32.53 | 38.35 0.29 -35.80 | 42.58 0.29 -40.04 | 43.97 0.72 -37.57 | 30.37 0.27 -27.94 | 25.95 0.45 -21.91 | 25.03 0.59 -19.58 |
| PGE MADISON____WINDPWR 24146 | 14.65 0.70 -2.29 | 11.53 0.46 -2.25 | 11.35 0.44 -2.39 | 9.48 0.36 -2.23 | 11.56 0.51 -1.95 | 11.35 0.40 -5.69 | 20.92 0.35 -16.95 | 22.40 0.80 -12.63 | 25.97 0.77 -16.75 | 28.25 0.76 -19.53 | 31.06 0.65 -23.05 | 29.59 0.70 -21.13 | 30.09 0.66 -21.84 | 32.73 0.58 -25.16 | 29.76 0.59 -21.63 | 29.38 0.50 -22.11 | 26.85 0.63 -17.86 | 28.89 0.62 -20.03 | 27.00 0.18 -24.54 | 27.90 0.19 -25.46 | 30.67 0.51 -24.48 | 25.69 0.19 -23.33 | 18.31 0.27 -14.44 | 13.10 0.39 -7.85 |
| PIERCEFIELD____HYD 23852 | 10.60 -1.06 0.00 | 7.99 -0.83 0.00 | 7.73 -0.79 0.00 | 6.24 -0.65 0.00 | 8.26 -0.84 0.00 | 5.42 -0.40 -0.57 | 8.80 -0.27 -5.45 | 12.10 -0.69 -3.83 | 13.35 -0.66 -5.56 | 13.90 -0.61 -6.55 | 15.00 -0.58 -8.23 | 14.51 -0.59 -7.34 | 14.85 -0.58 -7.84 | 15.68 -0.55 -9.24 | 14.68 -0.60 -7.74 | 13.88 -0.56 -7.66 | 13.06 -0.64 -5.35 | 13.41 -0.63 -5.80 | 9.98 -0.18 -7.89 | 9.92 -0.18 -7.85 | 14.20 -0.43 -8.94 | 10.35 -0.17 -8.35 | 7.68 -0.31 -4.40 | 5.56 -0.40 -1.11 |
| PINELAWN_CC_1 323563 | 21.72 1.53 -8.52 | 18.34 1.13 -8.39 | 18.52 1.09 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.54 0.56 -24.36 | 33.68 1.44 -23.27 | 37.31 1.37 -27.49 | 40.62 1.29 -31.38 | 40.85 1.20 -32.30 | 40.70 1.26 -31.68 | 39.70 1.22 -30.89 | 40.71 1.13 -32.58 | 40.82 1.22 -32.06 | 41.70 1.11 -33.82 | 41.77 1.30 -32.12 | 42.34 1.28 -32.82 | 40.96 0.35 -38.34 | 42.97 0.35 -40.37 | 44.79 0.89 -38.22 | 40.83 0.36 -38.31 | 29.98 0.59 -25.80 | 25.53 0.79 -19.88 |
| PJM_GEN_HTP_PROXY 323702 | 21.69 1.41 -8.61 | 18.24 1.03 -8.39 | 18.41 0.98 -8.91 | 15.96 0.78 -8.30 | 16.80 1.05 -6.65 | 23.48 0.67 -17.56 | 28.10 0.47 -24.01 | 31.19 1.24 -20.98 | 34.36 1.18 -24.73 | 39.75 1.12 -30.68 | 39.76 1.04 -31.35 | 40.80 1.09 -31.96 | 40.93 1.06 -32.28 | 42.32 0.99 -34.34 | 41.29 1.06 -32.68 | 41.94 0.97 -34.20 | 44.03 1.19 -34.47 | 44.47 1.18 -35.05 | 41.18 0.32 -38.59 | 42.97 0.32 -40.39 | 44.69 0.81 -38.20 | 34.90 0.31 -32.43 | 31.16 0.50 -27.07 | 28.14 0.67 -22.62 |
| PJM_GEN_KEystone 24065 | 16.42 0.55 -4.21 | 13.25 0.42 -4.01 | 12.85 0.40 -3.93 | 10.89 0.34 -3.66 | 12.53 0.40 -3.03 | 14.37 0.35 -8.76 | 22.51 0.20 -18.69 | 24.12 0.47 -14.68 | 27.47 0.38 -18.63 | 30.14 0.33 -21.86 | 32.44 0.32 -24.76 | 31.34 0.30 -23.28 | 31.60 0.30 -23.71 | 34.05 0.27 -26.79 | 31.44 0.29 -23.60 | 31.51 0.29 -24.45 | 30.65 0.37 -21.93 | 32.41 0.37 -23.80 | 30.37 0.11 -27.99 | 31.91 0.11 -29.55 | 34.10 0.24 -28.18 | 27.38 0.09 -25.12 | 20.92 0.21 -17.11 | 16.64 0.31 -11.47 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 21.66 1.47 -8.52 | 18.29 1.08 -8.39 | 18.47 1.04 -8.91 | 16.02 0.83 -8.31 | 16.85 1.10 -6.65 | 23.53 0.70 -17.57 | 28.19 0.53 -24.04 | 32.82 1.36 -22.49 | 36.67 1.29 -26.92 | 40.34 1.22 -31.17 | 40.92 1.13 -32.43 | 40.77 1.18 -31.84 | 39.78 1.15 -31.04 | 40.78 1.07 -32.71 | 40.94 1.15 -32.25 | 41.82 1.05 -34.00 | 41.77 1.30 -32.12 | 42.36 1.30 -32.82 | 41.03 0.35 -38.41 | 42.98 0.36 -40.37 | 44.79 0.89 -38.22 | 41.10 0.33 -38.61 | 29.36 0.55 -25.22 | 25.49 0.75 -19.88 |
| PJM_GEN_VFT_PROXY 323633 | 23.58 1.43 -10.48 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.50 0.68 -17.57 | 28.11 0.48 -24.01 | 32.21 1.22 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.07 1.02 -33.69 | 44.22 1.08 -35.38 | 45.00 1.05 -36.36 | 45.96 0.97 -38.00 | 45.67 1.05 -37.08 | 45.97 0.95 -38.24 | 46.01 1.17 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 43.00 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.48 0.50 -30.38 | 30.01 0.67 -24.48 |
| PLEASANTVLY____LBMP 24000 | 21.98 1.17 -9.15 | 18.70 0.87 -9.01 | 18.91 0.83 -9.57 | 16.46 0.66 -8.92 | 17.02 0.89 -7.03 | 24.00 0.57 -18.17 | 28.80 0.40 -24.78 | 29.86 1.04 -19.85 | 32.58 0.99 -23.14 | 35.37 0.93 -26.48 | 36.26 0.86 -28.04 | 35.71 0.90 -27.06 | 34.74 0.88 -26.27 | 36.72 0.82 -28.90 | 34.63 0.88 -26.21 | 35.95 0.80 -28.38 | 42.43 0.99 -33.09 | 42.92 0.98 -33.69 | 39.53 0.27 -36.99 | 44.31 0.27 -41.79 | 47.43 0.67 -41.08 | 30.64 0.25 -28.22 | 26.55 0.42 -22.53 | 26.09 0.56 -20.67 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 21.82 1.26 -8.89 | 18.51 0.93 -8.76 | 18.70 0.89 -9.30 | 16.26 0.71 -8.67 | 16.92 0.95 -6.88 | 23.66 0.61 -17.80 | 28.64 0.43 -24.59 | 29.66 1.11 -19.58 | 32.39 1.06 -22.88 | 35.02 1.00 -26.06 | 36.03 0.93 -27.74 | 35.36 0.97 -26.63 | 34.37 0.95 -25.83 | 36.41 0.88 -28.53 | 34.23 0.95 -25.74 | 35.53 0.87 -27.89 | 41.63 1.07 -32.20 | 42.47 1.06 -33.17 | 39.00 0.29 -36.44 | 43.73 0.29 -41.19 | 46.21 0.72 -39.80 | 30.32 0.28 -27.88 | 26.08 0.45 -22.04 | 25.61 0.60 -20.15 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 22.20 1.20 -9.33 | 18.91 0.90 -9.19 | 19.13 0.85 -9.76 | 16.65 0.67 -9.10 | 17.16 0.91 -7.15 | 24.43 0.58 -18.59 | 28.99 0.41 -24.96 | 30.08 1.07 -20.04 | 32.78 1.02 -23.31 | 35.58 0.96 -26.66 | 36.39 0.90 -28.12 | 35.88 0.94 -27.19 | 34.84 0.91 -26.34 | 36.79 0.86 -28.93 | 34.75 0.93 -26.28 | 36.14 0.85 -28.52 | 41.12 1.05 -31.71 | 43.23 1.04 -33.94 | 39.33 0.28 -36.78 | 43.75 0.29 -41.21 | 42.85 0.72 -36.45 | 30.73 0.27 -28.30 | 26.81 0.44 -22.78 | 26.57 0.58 -21.13 |
| POLETTI____ 23519 | 23.57 1.42 -10.48 | 18.25 1.04 -8.40 | 18.42 0.99 -8.92 | 15.98 0.78 -8.31 | 16.81 1.05 -6.66 | 23.19 0.67 -17.26 | 28.41 0.47 -24.32 | 32.22 1.23 -22.02 | 35.63 1.17 -26.01 | 42.75 1.11 -33.69 | 42.07 1.03 -33.69 | 44.21 1.08 -35.38 | 44.99 1.05 -36.36 | 45.96 0.97 -37.99 | 45.66 1.05 -37.07 | 45.96 0.95 -38.24 | 46.02 1.18 -36.48 | 45.97 1.16 -36.56 | 42.87 0.32 -40.28 | 42.99 0.32 -40.42 | 44.70 0.80 -38.21 | 37.81 0.30 -35.34 | 34.47 0.50 -30.38 | 30.00 0.66 -24.48 |
| PORT_JEFF_3 23555 | 21.62 1.43 -8.52 | 18.28 1.07 -8.39 | 18.47 1.04 -8.91 | 16.00 0.81 -8.31 | 16.84 1.08 -6.65 | 23.21 0.70 -17.26 | 28.51 0.54 -24.35 | 33.13 1.41 -22.75 | 36.90 1.33 -27.11 | 40.44 1.26 -31.23 | 40.90 1.16 -32.38 | 40.74 1.21 -31.78 | 39.74 1.17 -30.98 | 40.75 1.09 -32.66 | 40.89 1.18 -32.17 | 41.77 1.07 -33.93 | 41.81 1.34 -32.12 | 42.38 1.32 -32.82 | 41.01 0.36 -38.38 | 42.99 0.37 -40.37 | 44.82 0.92 -38.22 | 41.00 0.34 -38.49 | 29.57 0.56 -25.41 | 25.49 0.76 -19.88 |

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|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 21.62 1.43 -8.52 | 18.28 1.07 -8.39 | 18.47 1.04 -8.91 | 16.00 0.81 -8.31 | 16.84 1.08 -6.65 | 23.21 0.70 -17.26 | 28.51 0.54 -24.35 | 33.13 1.41 -22.75 | 36.90 1.33 -27.11 | 40.44 1.26 -31.23 | 40.90 1.16 -32.38 | 40.74 1.21 -31.78 | 39.74 1.17 -30.98 | 40.75 1.09 -32.66 | 40.89 1.18 -32.17 | 41.77 1.07 -33.93 | 41.81 1.34 -32.12 | 42.38 1.32 -32.82 | 41.01 0.36 -38.38 | 42.99 0.37 -40.37 | 44.82 0.92 -38.22 | 41.00 0.34 -38.49 | 29.57 0.56 -25.41 | 25.49 0.76 -19.88 |
| PORT_JEFF_IC 23713 | 21.64 1.45 -8.52 | 18.28 1.08 -8.39 | 18.48 1.05 -8.91 | 16.02 0.83 -8.31 | 16.85 1.10 -6.65 | 23.22 0.70 -17.26 | 28.52 0.55 -24.35 | 33.17 1.43 -22.77 | 36.93 1.36 -27.12 | 40.46 1.27 -31.24 | 40.92 1.18 -32.38 | 40.76 1.23 -31.77 | 39.76 1.19 -30.98 | 40.77 1.11 -32.66 | 40.91 1.20 -32.17 | 41.78 1.09 -33.92 | 41.84 1.36 -32.12 | 42.41 1.35 -32.82 | 41.02 0.37 -38.38 | 42.99 0.37 -40.37 | 44.83 0.93 -38.22 | 41.00 0.35 -38.48 | 29.59 0.58 -25.42 | 25.50 0.77 -19.88 |
| PPL_PILGRIM_ST_GT1 24216 | 21.71 1.52 -8.52 | 18.34 1.13 -8.39 | 18.53 1.10 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.54 0.57 -24.35 | 33.26 1.47 -22.82 | 37.00 1.39 -27.16 | 40.50 1.30 -31.25 | 40.93 1.21 -32.36 | 40.78 1.26 -31.76 | 39.78 1.22 -30.97 | 40.78 1.13 -32.65 | 40.93 1.23 -32.15 | 41.79 1.11 -33.91 | 41.85 1.38 -32.12 | 42.42 1.36 -32.82 | 41.02 0.38 -38.38 | 43.00 0.38 -40.37 | 44.84 0.94 -38.22 | 40.98 0.36 -38.46 | 29.65 0.59 -25.46 | 25.53 0.79 -19.88 |
| PPL_PILGRIM_ST_GT2 24217 | 21.71 1.52 -8.52 | 18.34 1.13 -8.39 | 18.53 1.10 -8.91 | 16.05 0.86 -8.31 | 16.90 1.15 -6.65 | 23.25 0.74 -17.26 | 28.54 0.57 -24.35 | 33.26 1.47 -22.82 | 37.00 1.39 -27.16 | 40.50 1.30 -31.25 | 40.93 1.21 -32.36 | 40.78 1.26 -31.76 | 39.78 1.22 -30.97 | 40.78 1.13 -32.65 | 40.93 1.23 -32.15 | 41.79 1.11 -33.91 | 41.85 1.38 -32.12 | 42.42 1.36 -32.82 | 41.02 0.38 -38.38 | 43.00 0.38 -40.37 | 44.84 0.94 -38.22 | 40.98 0.36 -38.46 | 29.65 0.59 -25.46 | 25.53 0.79 -19.88 |
| PPL_SHRM_GT3 24213 | 21.45 1.26 -8.52 | 18.14 0.93 -8.39 | 18.34 0.91 -8.91 | 15.91 0.72 -8.31 | 16.71 0.96 -6.65 | 23.14 0.62 -17.26 | 28.47 0.50 -24.35 | 33.02 1.29 -22.76 | 36.79 1.22 -27.12 | 40.33 1.15 -31.23 | 40.79 1.06 -32.38 | 40.63 1.10 -31.77 | 39.63 1.06 -30.98 | 40.64 0.99 -32.66 | 40.78 1.07 -32.17 | 41.67 0.98 -33.93 | 41.69 1.22 -32.12 | 42.27 1.21 -32.82 | 40.99 0.34 -38.38 | 42.96 0.34 -40.37 | 44.75 0.85 -38.22 | 40.97 0.32 -38.49 | 29.53 0.52 -25.42 | 25.42 0.69 -19.88 |
| PPL_SHRM_GT4 24214 | 21.45 1.26 -8.52 | 18.14 0.93 -8.39 | 18.34 0.91 -8.91 | 15.91 0.72 -8.31 | 16.71 0.96 -6.65 | 23.14 0.62 -17.26 | 28.47 0.50 -24.35 | 33.02 1.29 -22.76 | 36.79 1.22 -27.12 | 40.33 1.15 -31.23 | 40.79 1.06 -32.38 | 40.63 1.10 -31.77 | 39.63 1.06 -30.98 | 40.64 0.99 -32.66 | 40.78 1.07 -32.17 | 41.67 0.98 -33.93 | 41.69 1.22 -32.12 | 42.27 1.21 -32.82 | 40.99 0.34 -38.38 | 42.96 0.34 -40.37 | 44.75 0.85 -38.22 | 40.97 0.32 -38.49 | 29.53 0.52 -25.42 | 25.42 0.69 -19.88 |
| PROJECT___ORANGE 1 24174 | 12.37 0.08 -0.62 | 9.48 0.05 -0.61 | 9.21 0.04 -0.64 | 7.52 0.03 -0.60 | 9.68 0.05 -0.54 | 7.70 0.07 -2.37 | 18.68 0.05 -15.01 | 19.89 0.12 -10.81 | 23.61 0.11 -15.05 | 25.71 0.10 -17.65 | 29.01 0.10 -21.56 | 27.33 0.11 -19.47 | 28.19 0.11 -20.49 | 31.00 0.09 -23.91 | 27.90 0.10 -20.26 | 27.21 0.09 -20.35 | 23.66 0.11 -15.20 | 25.10 0.12 -16.74 | 23.97 0.03 -21.68 | 24.27 0.03 -21.98 | 28.96 0.07 -23.21 | 24.06 0.03 -21.86 | 16.04 0.05 -12.39 | 9.77 0.07 -4.84 |
| PROJECT___ORANGE 2 24166 | 12.37 0.08 -0.62 | 9.48 0.05 -0.61 | 9.21 0.04 -0.64 | 7.52 0.03 -0.60 | 9.68 0.05 -0.54 | 7.70 0.07 -2.37 | 18.68 0.05 -15.01 | 19.89 0.12 -10.81 | 23.61 0.11 -15.05 | 25.71 0.10 -17.65 | 29.01 0.10 -21.56 | 27.33 0.11 -19.47 | 28.19 0.11 -20.49 | 31.00 0.09 -23.91 | 27.90 0.10 -20.26 | 27.21 0.09 -20.35 | 23.66 0.11 -15.20 | 25.10 0.12 -16.74 | 23.97 0.03 -21.68 | 24.27 0.03 -21.98 | 28.96 0.07 -23.21 | 24.06 0.03 -21.86 | 16.04 0.05 -12.39 | 9.77 0.07 -4.84 |
| PYRITES___HYD 24023 | 10.71 -0.96 0.00 | 8.07 -0.75 0.00 | 7.80 -0.72 0.00 | 6.29 -0.59 0.00 | 8.34 -0.76 0.00 | 5.46 -0.35 -0.55 | 8.70 -0.22 -5.31 | 12.11 -0.58 -3.72 | 13.32 -0.55 -5.42 | 13.84 -0.50 -6.39 | 14.89 -0.49 -8.02 | 14.42 -0.49 -7.15 | 14.75 -0.48 -7.64 | 15.55 -0.45 -9.01 | 14.58 -0.51 -7.54 | 13.77 -0.47 -7.47 | 13.02 -0.54 -5.21 | 13.35 -0.54 -5.64 | 9.81 -0.15 -7.69 | 9.74 -0.15 -7.64 | 14.05 -0.36 -8.72 | 10.17 -0.14 -8.14 | 7.61 -0.27 -4.28 | 5.58 -0.34 -1.07 |
| RAMAPO___LBMP 323565 | 20.81 1.18 -7.96 | 17.53 0.87 -7.84 | 17.66 0.82 -8.33 | 15.30 0.65 -7.76 | 16.29 0.87 -6.32 | 22.27 0.57 -16.45 | 27.92 0.40 -23.90 | 29.01 1.05 -19.00 | 31.88 1.00 -22.44 | 34.63 0.95 -25.73 | 35.83 0.88 -27.59 | 35.13 0.91 -26.46 | 34.37 0.90 -25.88 | 36.47 0.83 -28.64 | 34.24 0.90 -25.80 | 35.33 0.82 -27.75 | 39.35 1.01 -29.98 | 41.15 1.00 -31.91 | 37.71 0.27 -35.17 | 41.65 0.27 -39.12 | 42.12 0.69 -35.75 | 30.21 0.26 -27.79 | 25.59 0.42 -21.57 | 24.43 0.56 -19.00 |
| RANKINE____ 23646 | 13.22 0.28 -1.28 | 10.32 0.25 -1.26 | 10.08 0.22 -1.33 | 8.33 0.21 -1.24 | 10.36 0.18 -1.08 | 9.27 0.29 -3.72 | 19.84 0.13 -16.09 | 21.01 0.21 -11.83 | 24.55 0.10 -16.00 | 26.69 0.03 -18.70 | 29.83 0.08 -22.39 | 28.19 0.04 -20.40 | 28.87 0.05 -21.24 | 31.63 0.03 -24.60 | 28.60 0.04 -21.02 | 28.17 0.07 -21.33 | 25.14 0.09 -16.69 | 26.92 0.09 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.03 -23.92 | 24.87 0.02 -22.68 | 17.26 0.13 -13.54 | 11.61 0.22 -6.53 |
| RAVENSWOOD_GT2_1 24244 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT2_2 24245 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT2_3 24246 | 23.60 1.42 -10.51 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.26 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT2_4 24247 | 23.60 1.42 -10.51 | 18.27 1.06 -8.40 | 18.43 1.00 -8.92 | 15.99 0.80 -8.31 | 16.82 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.26 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |

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|---|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT3_1 24248 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT3_2 24249 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT3_3 24250 | 23.61 1.43 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 15.99 0.80 -8.31 | 16.83 1.07 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.25 1.20 -26.61 | 44.16 1.13 -35.08 | 43.17 1.05 -34.76 | 45.82 1.10 -36.96 | 46.90 1.07 -38.24 | 47.68 1.00 -39.68 | 47.72 1.08 -39.10 | 47.86 0.98 -40.10 | 46.98 1.21 -37.41 | 46.70 1.20 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.82 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT3_4 24251 | 23.61 1.43 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 15.99 0.80 -8.31 | 16.83 1.07 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.25 1.20 -26.61 | 44.16 1.13 -35.08 | 43.17 1.05 -34.76 | 45.82 1.10 -36.96 | 46.90 1.07 -38.24 | 47.68 1.00 -39.68 | 47.72 1.08 -39.10 | 47.86 0.98 -40.10 | 46.98 1.21 -37.41 | 46.70 1.20 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.82 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_1 23729 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.24 1.18 -26.61 | 44.14 1.11 -35.08 | 43.14 1.02 -34.76 | 45.78 1.06 -36.96 | 46.87 1.04 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.18 -37.41 | 46.67 1.16 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_10 24258 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_11 24259 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_4 24252 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_5 24254 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_6 24253 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_7 24255 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.25 1.19 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.81 1.09 -36.96 | 46.90 1.07 -38.24 | 47.67 0.99 -39.68 | 47.71 1.07 -39.10 | 47.85 0.98 -40.10 | 46.97 1.20 -37.41 | 46.69 1.19 -37.26 | 43.65 0.33 -41.06 | 43.01 0.33 -40.43 | 44.72 0.81 -38.22 | 39.16 0.31 -36.68 | 36.01 0.51 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD_GT_9 24257 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD___1 23533 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.44 1.00 -8.92 | 16.00 0.80 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.26 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.78 1.06 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD___2 23534 | 23.57 1.40 -10.51 | 18.27 1.06 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| RAVENSWOOD___3 23535 | 23.60 1.42 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.20 0.68 -17.26 | 28.42 0.48 -24.32 | 32.72 1.25 -22.50 | 36.24 1.18 -26.61 | 44.15 1.12 -35.08 | 43.17 1.04 -34.76 | 45.80 1.09 -36.96 | 46.89 1.06 -38.24 | 47.67 0.99 -39.68 | 47.71 1.06 -39.10 | 47.84 0.97 -40.10 | 46.96 1.19 -37.41 | 46.68 1.18 -37.26 | 43.65 0.33 -41.06 | 43.01 0.32 -40.43 | 44.71 0.81 -38.22 | 39.15 0.31 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RAVENSWOOD___4 23820 | 23.57 1.40 -10.51 | 18.28 1.07 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| RCPL_TRUST___DRP 24196 | 21.70 1.42 -8.61 | 18.24 1.04 -8.39 | 18.41 0.98 -8.91 | 15.97 0.78 -8.30 | 16.80 1.05 -6.65 | 23.18 0.67 -17.25 | 28.41 0.48 -24.32 | 31.19 1.25 -20.98 | 34.37 1.19 -24.73 | 39.76 1.13 -30.68 | 39.76 1.05 -31.35 | 40.82 1.10 -31.96 | 40.95 1.08 -32.28 | 42.34 1.00 -34.34 | 41.30 1.08 -32.68 | 41.95 0.98 -34.20 | 44.04 1.21 -34.47 | 44.49 1.20 -35.05 | 41.18 0.33 -38.59 | 42.97 0.33 -40.39 | 44.70 0.81 -38.20 | 34.90 0.31 -32.43 | 31.17 0.51 -27.07 | 28.15 0.67 -22.62 |
| RENSSELAER___COGEN 23796 | 23.68 0.49 -11.52 | 20.54 0.38 -11.34 | 20.92 0.36 -12.05 | 18.41 0.30 -11.23 | 18.03 0.41 -8.52 | 28.12 0.28 -22.58 | 30.58 0.19 -26.77 | 31.28 0.50 -21.81 | 33.62 0.48 -24.69 | 36.53 0.45 -28.12 | 36.68 0.42 -28.90 | 36.50 0.44 -28.30 | 35.01 0.43 -26.99 | 36.67 0.40 -29.27 | 34.95 0.43 -26.98 | 36.86 0.39 -29.70 | 40.38 0.48 -31.55 | 45.68 0.47 -36.97 | 40.83 0.13 -38.43 | 45.26 0.13 -42.88 | 35.38 0.32 -29.37 | 31.33 0.12 -29.04 | 28.52 0.19 -24.73 | 29.78 0.26 -24.67 |
| REVERE_CPPR_DRP 24186 | 11.95 0.28 0.00 | 8.99 0.18 0.00 | 8.69 0.17 0.00 | 7.02 0.14 0.00 | 9.44 0.20 -0.14 | 6.80 0.16 -1.38 | 19.11 0.13 -15.35 | 20.20 0.31 -10.92 | 24.30 0.31 -15.54 | 26.54 0.32 -18.27 | 30.24 0.26 -22.62 | 28.34 0.29 -20.30 | 29.40 0.28 -21.53 | 32.51 0.26 -25.25 | 29.07 0.26 -21.27 | 28.20 0.22 -21.21 | 23.95 0.28 -15.31 | 25.25 0.27 -16.74 | 24.56 0.08 -22.21 | 24.64 0.08 -22.31 | 30.37 0.21 -24.47 | 25.20 0.08 -22.96 | 16.25 0.11 -12.54 | 9.07 0.17 -4.04 |
| RIVERBAY___ 323610 | 21.56 1.36 -8.53 | 18.26 1.05 -8.40 | 18.45 1.01 -8.92 | 16.01 0.82 -8.31 | 16.86 1.10 -6.66 | 23.19 0.67 -17.26 | 28.40 0.47 -24.31 | 29.85 1.23 -19.65 | 32.69 1.16 -23.08 | 35.57 1.09 -26.53 | 36.54 1.02 -28.16 | 36.00 1.05 -27.19 | 35.17 1.03 -26.55 | 37.13 0.97 -29.17 | 35.13 1.03 -26.56 | 36.28 0.94 -28.57 | 41.10 1.17 -31.57 | 42.21 1.15 -32.81 | 38.81 0.32 -36.23 | 42.94 0.32 -40.37 | 44.68 0.79 -38.21 | 31.16 0.30 -28.69 | 26.50 0.50 -22.41 | 25.40 0.67 -19.87 |
| ROCHESTER_9_IC 23652 | 12.83 0.23 -0.93 | 9.90 0.18 -0.91 | 9.63 0.14 -0.97 | 7.92 0.13 -0.90 | 10.01 0.13 -0.79 | 8.50 0.22 -3.02 | 19.39 0.14 -15.63 | 20.71 0.32 -11.42 | 24.25 0.19 -15.61 | 26.36 0.14 -18.27 | 29.56 0.16 -22.04 | 27.91 0.15 -20.01 | 28.66 0.15 -20.92 | 31.45 0.15 -24.30 | 28.43 0.19 -20.70 | 27.90 0.21 -20.92 | 24.69 0.25 -16.09 | 26.35 0.26 -17.84 | 24.96 0.07 -22.63 | 25.47 0.07 -23.14 | 29.45 0.15 -23.61 | 24.56 0.06 -22.33 | 16.83 0.15 -13.08 | 10.96 0.24 -5.86 |
| ROSETON___1 23587 | 20.61 0.98 -7.97 | 17.38 0.72 -7.84 | 17.54 0.69 -8.33 | 15.20 0.55 -7.76 | 16.16 0.75 -6.32 | 22.18 0.49 -16.43 | 27.86 0.34 -23.90 | 28.85 0.90 -18.99 | 31.72 0.84 -22.43 | 34.48 0.80 -25.72 | 35.69 0.75 -27.59 | 34.99 0.78 -26.45 | 34.23 0.76 -25.88 | 36.35 0.71 -28.64 | 34.10 0.76 -25.80 | 35.21 0.70 -27.74 | 37.59 0.86 -28.37 | 40.83 0.85 -31.73 | 37.16 0.23 -34.66 | 40.66 0.23 -38.17 | 37.65 0.58 -31.39 | 30.17 0.22 -27.79 | 25.52 0.36 -21.56 | 24.32 0.48 -18.98 |
| ROSETON___2 23588 | 20.61 0.98 -7.97 | 17.38 0.72 -7.84 | 17.54 0.69 -8.33 | 15.20 0.55 -7.76 | 16.16 0.75 -6.32 | 22.18 0.49 -16.43 | 27.86 0.34 -23.90 | 28.85 0.90 -18.99 | 31.72 0.84 -22.43 | 34.48 0.80 -25.72 | 35.69 0.75 -27.59 | 34.99 0.78 -26.45 | 34.23 0.76 -25.88 | 36.35 0.71 -28.64 | 34.10 0.76 -25.80 | 35.21 0.70 -27.74 | 37.59 0.86 -28.37 | 40.83 0.85 -31.73 | 37.16 0.23 -34.66 | 40.66 0.23 -38.17 | 37.65 0.58 -31.39 | 30.17 0.22 -27.79 | 25.52 0.36 -21.56 | 24.32 0.48 -18.98 |
| RUSSELL___1 23602 | 12.88 0.29 -0.93 | 9.94 0.21 -0.91 | 9.67 0.18 -0.97 | 7.94 0.16 -0.90 | 10.05 0.16 -0.79 | 8.52 0.24 -3.02 | 19.42 0.17 -15.63 | 20.76 0.38 -11.42 | 24.30 0.24 -15.61 | 26.41 0.19 -18.27 | 29.61 0.21 -22.04 | 27.97 0.20 -20.01 | 28.71 0.20 -20.92 | 31.51 0.21 -24.30 | 28.49 0.25 -20.70 | 27.95 0.26 -20.92 | 24.76 0.32 -16.09 | 26.42 0.33 -17.84 | 24.98 0.09 -22.63 | 25.48 0.09 -23.14 | 29.49 0.20 -23.61 | 24.57 0.07 -22.33 | 16.85 0.18 -13.08 | 10.99 0.27 -5.87 |
| RUSSELL___2 23532 | 12.88 0.29 -0.93 | 9.94 0.21 -0.91 | 9.67 0.18 -0.97 | 7.94 0.16 -0.90 | 10.05 0.16 -0.79 | 8.52 0.24 -3.02 | 19.42 0.17 -15.63 | 20.76 0.38 -11.42 | 24.30 0.24 -15.61 | 26.41 0.19 -18.27 | 29.61 0.21 -22.04 | 27.97 0.20 -20.01 | 28.71 0.20 -20.92 | 31.51 0.21 -24.30 | 28.49 0.25 -20.70 | 27.95 0.26 -20.92 | 24.76 0.32 -16.09 | 26.42 0.33 -17.84 | 24.98 0.09 -22.63 | 25.48 0.09 -23.14 | 29.49 0.20 -23.61 | 24.57 0.07 -22.33 | 16.85 0.18 -13.08 | 10.99 0.27 -5.87 |
| RUSSELL___3 23549 | 12.88 0.29 -0.93 | 9.94 0.21 -0.91 | 9.67 0.18 -0.97 | 7.94 0.16 -0.90 | 10.05 0.16 -0.79 | 8.52 0.24 -3.02 | 19.42 0.17 -15.63 | 20.76 0.38 -11.42 | 24.30 0.24 -15.61 | 26.41 0.19 -18.27 | 29.61 0.21 -22.04 | 27.97 0.20 -20.01 | 28.71 0.20 -20.92 | 31.51 0.21 -24.30 | 28.49 0.25 -20.70 | 27.95 0.26 -20.92 | 24.76 0.32 -16.09 | 26.42 0.33 -17.84 | 24.98 0.09 -22.63 | 25.48 0.09 -23.14 | 29.49 0.20 -23.61 | 24.57 0.07 -22.33 | 16.85 0.18 -13.08 | 10.99 0.27 -5.87 |
| RUSSELL___4 23556 | 12.88 0.29 -0.93 | 9.94 0.21 -0.91 | 9.67 0.18 -0.97 | 7.94 0.16 -0.90 | 10.05 0.16 -0.79 | 8.52 0.24 -3.02 | 19.42 0.17 -15.63 | 20.76 0.38 -11.42 | 24.30 0.24 -15.61 | 26.41 0.19 -18.27 | 29.61 0.21 -22.04 | 27.97 0.20 -20.01 | 28.71 0.20 -20.92 | 31.51 0.21 -24.30 | 28.49 0.25 -20.70 | 27.95 0.26 -20.92 | 24.76 0.32 -16.09 | 26.42 0.33 -17.84 | 24.98 0.09 -22.63 | 25.48 0.09 -23.14 | 29.49 0.20 -23.61 | 24.57 0.07 -22.33 | 16.85 0.18 -13.08 | 10.99 0.27 -5.87 |
| RUSSELL___STATION 23914 | 12.88 0.29 -0.93 | 9.94 0.21 -0.91 | 9.67 0.18 -0.97 | 7.94 0.16 -0.90 | 10.05 0.16 -0.79 | 8.52 0.24 -3.02 | 19.42 0.17 -15.63 | 20.76 0.38 -11.42 | 24.30 0.24 -15.61 | 26.41 0.19 -18.27 | 29.61 0.21 -22.04 | 27.97 0.20 -20.01 | 28.71 0.20 -20.92 | 31.51 0.21 -24.30 | 28.49 0.25 -20.70 | 27.95 0.26 -20.92 | 24.76 0.32 -16.09 | 26.42 0.33 -17.84 | 24.98 0.09 -22.63 | 25.48 0.09 -23.14 | 29.49 0.20 -23.61 | 24.57 0.07 -22.33 | 16.85 0.18 -13.08 | 10.99 0.27 -5.87 |
| S SALMON___HYD 24043 | 12.05 -0.09 -0.48 | 9.20 -0.09 -0.47 | 8.94 -0.09 -0.50 | 7.28 -0.07 -0.47 | 9.41 -0.11 -0.42 | 7.27 -0.01 -2.02 | 17.73 0.00 -14.11 | 19.07 -0.03 -10.13 | 22.60 -0.03 -14.17 | 24.57 -0.02 -16.63 | 27.70 -0.03 -20.37 | 26.10 -0.02 -18.37 | 26.93 -0.02 -19.36 | 29.61 -0.01 -22.62 | 26.66 -0.02 -19.14 | 25.94 -0.03 -19.20 | 22.57 -0.02 -14.23 | 23.87 -0.03 -15.65 | 22.64 -0.01 -20.38 | 22.87 -0.01 -20.62 | 27.62 -0.02 -21.95 | 22.82 -0.01 -20.66 | 15.20 -0.01 -11.62 | 9.23 0.00 -4.37 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 13.03 0.14 -1.22 | 10.17 0.15 -1.21 | 9.93 0.13 -1.28 | 8.21 0.13 -1.19 | 10.22 0.08 -1.04 | 9.10 0.23 -3.62 | 19.73 0.09 -16.03 | 20.82 0.08 -11.77 | 24.36 -0.03 -15.95 | 26.50 -0.10 -18.64 | 29.66 -0.04 -22.34 | 28.01 -0.09 -20.34 | 28.70 -0.08 -21.20 | 31.47 -0.09 -24.56 | 28.44 -0.08 -20.98 | 28.01 -0.03 -21.27 | 24.92 -0.04 -16.60 | 26.68 -0.04 -18.48 | 25.45 0.00 -23.19 | 26.06 -0.01 -23.82 | 29.50 -0.06 -23.87 | 24.78 -0.02 -22.64 | 17.15 0.08 -13.47 | 11.46 0.17 -6.43 |
| SELKIRK___I 23801 | 23.59 0.54 -11.38 | 20.43 0.41 -11.21 | 20.81 0.39 -11.90 | 18.29 0.32 -11.09 | 17.97 0.44 -8.43 | 27.79 0.32 -22.22 | 30.46 0.21 -26.63 | 31.19 0.56 -21.66 | 33.56 0.53 -24.58 | 36.47 0.50 -28.01 | 36.68 0.46 -28.85 | 36.46 0.48 -28.22 | 35.02 0.48 -26.96 | 36.70 0.43 -29.27 | 34.96 0.48 -26.94 | 36.82 0.43 -29.62 | 40.18 0.53 -31.29 | 45.46 0.52 -36.69 | 40.64 0.14 -38.22 | 44.99 0.14 -42.59 | 35.28 0.36 -29.23 | 31.30 0.14 -29.00 | 28.38 0.22 -24.57 | 29.52 0.29 -24.37 |
| SELKIRK___II 23799 | 23.59 0.53 -11.39 | 20.43 0.40 -11.22 | 20.82 0.38 -11.91 | 18.30 0.32 -11.10 | 17.97 0.44 -8.44 | 27.81 0.32 -22.24 | 30.47 0.21 -26.64 | 31.19 0.55 -21.67 | 33.57 0.53 -24.59 | 36.47 0.50 -28.02 | 36.68 0.46 -28.86 | 36.47 0.48 -28.23 | 35.03 0.48 -26.96 | 36.70 0.43 -29.27 | 34.96 0.48 -26.95 | 36.82 0.43 -29.63 | 40.06 0.53 -31.18 | 45.46 0.52 -36.70 | 40.61 0.14 -38.20 | 44.93 0.14 -42.53 | 34.92 0.35 -28.88 | 31.30 0.14 -29.00 | 28.39 0.22 -24.58 | 29.54 0.29 -24.39 |
| SENECA OSWGO___HYD 24041 | 12.20 -0.05 -0.58 | 9.33 -0.05 -0.57 | 9.07 -0.05 -0.60 | 7.41 -0.04 -0.56 | 9.54 -0.06 -0.50 | 7.52 0.01 -2.26 | 17.99 0.00 -14.37 | 19.31 0.00 -10.35 | 22.85 -0.01 -14.41 | 24.85 -0.01 -16.90 | 27.99 -0.01 -20.64 | 26.39 0.00 -18.64 | 27.21 0.00 -19.62 | 29.90 0.00 -22.90 | 26.93 -0.01 -19.40 | 26.25 0.00 -19.48 | 22.90 0.00 -14.54 | 24.27 0.01 -16.02 | 23.02 0.00 -20.75 | 23.30 0.00 -21.04 | 27.91 0.00 -22.22 | 23.10 0.00 -20.94 | 15.46 0.00 -11.86 | 9.48 0.00 -4.62 |
| SENECA___ENERGY 23797 | 12.81 0.18 -0.97 | 9.88 0.11 -0.95 | 9.63 0.10 -1.01 | 7.91 0.09 -0.94 | 10.02 0.10 -0.82 | 8.48 0.15 -3.08 | 19.14 0.11 -15.41 | 20.61 0.24 -11.40 | 24.21 0.20 -15.56 | 26.33 0.17 -18.21 | 29.47 0.18 -21.94 | 27.86 0.18 -19.93 | 28.60 0.18 -20.82 | 31.34 0.16 -24.18 | 28.32 0.17 -20.60 | 27.78 0.17 -20.84 | 24.63 0.21 -16.06 | 26.29 0.22 -17.82 | 24.90 0.06 -22.56 | 25.41 0.06 -23.09 | 29.33 0.15 -23.49 | 24.45 0.05 -22.23 | 16.75 0.10 -13.05 | 10.92 0.15 -5.91 |
| SHOEMAKER___GT 23640 | 19.96 0.93 -7.36 | 16.76 0.70 -7.24 | 16.87 0.66 -7.69 | 14.57 0.52 -7.17 | 15.76 0.71 -5.95 | 21.29 0.47 -15.57 | 27.40 0.33 -23.45 | 28.38 0.85 -18.56 | 31.34 0.81 -22.08 | 34.06 0.76 -25.35 | 35.43 0.71 -27.36 | 34.66 0.74 -26.15 | 34.00 0.72 -25.68 | 36.19 0.69 -28.50 | 33.86 0.73 -25.59 | 34.86 0.67 -27.42 | 37.91 0.84 -28.71 | 40.11 0.82 -31.04 | 36.83 0.22 -34.33 | 40.42 0.23 -37.94 | 40.14 0.56 -33.89 | 29.94 0.21 -27.57 | 25.03 0.35 -21.09 | 23.48 0.46 -18.16 |
| SHOREHAM_IC_1 23715 | 21.45 1.26 -8.52 | 18.14 0.93 -8.39 | 18.34 0.91 -8.91 | 15.91 0.72 -8.31 | 16.71 0.96 -6.65 | 23.14 0.62 -17.26 | 28.47 0.50 -24.35 | 33.02 1.29 -22.76 | 36.79 1.22 -27.12 | 40.33 1.15 -31.23 | 40.79 1.06 -32.38 | 40.63 1.10 -31.77 | 39.63 1.06 -30.98 | 40.64 0.99 -32.66 | 40.78 1.07 -32.17 | 41.67 0.98 -33.93 | 41.69 1.22 -32.12 | 42.27 1.21 -32.82 | 40.99 0.34 -38.38 | 42.96 0.34 -40.37 | 44.75 0.85 -38.22 | 40.97 0.32 -38.49 | 29.53 0.52 -25.42 | 25.42 0.69 -19.88 |
| SHOREHAM_IC_2 23716 | 21.45 1.26 -8.52 | 18.14 0.93 -8.39 | 18.34 0.91 -8.91 | 15.91 0.72 -8.31 | 16.71 0.96 -6.65 | 23.14 0.62 -17.26 | 28.47 0.50 -24.35 | 33.02 1.29 -22.76 | 36.79 1.22 -27.12 | 40.33 1.15 -31.23 | 40.79 1.06 -32.38 | 40.63 1.10 -31.77 | 39.63 1.06 -30.98 | 40.64 0.99 -32.66 | 40.78 1.07 -32.17 | 41.67 0.98 -33.93 | 41.69 1.22 -32.12 | 42.27 1.21 -32.82 | 40.99 0.34 -38.38 | 42.96 0.34 -40.37 | 44.75 0.85 -38.22 | 40.97 0.32 -38.49 | 29.53 0.52 -25.42 | 25.42 0.69 -19.88 |
| SISSONVILLE____ 23735 | 10.60 -1.06 0.00 | 7.99 -0.83 0.00 | 7.73 -0.79 0.00 | 6.24 -0.65 0.00 | 8.26 -0.84 0.00 | 5.42 -0.40 -0.57 | 8.80 -0.27 -5.45 | 12.10 -0.69 -3.83 | 13.35 -0.66 -5.56 | 13.90 -0.61 -6.55 | 15.00 -0.58 -8.23 | 14.51 -0.59 -7.34 | 14.85 -0.58 -7.84 | 15.68 -0.55 -9.24 | 14.68 -0.60 -7.74 | 13.88 -0.56 -7.66 | 13.06 -0.64 -5.35 | 13.41 -0.63 -5.80 | 9.98 -0.18 -7.89 | 9.92 -0.18 -7.85 | 14.20 -0.43 -8.94 | 10.35 -0.17 -8.35 | 7.68 -0.31 -4.40 | 5.56 -0.40 -1.11 |
| SITHE_IND_GS1 24169 | 11.98 -0.16 -0.48 | 9.16 -0.13 -0.47 | 8.90 -0.13 -0.50 | 7.25 -0.10 -0.47 | 9.38 -0.14 -0.41 | 7.28 -0.04 -2.07 | 17.63 -0.03 -14.04 | 18.96 -0.11 -10.10 | 22.44 -0.12 -14.11 | 24.40 -0.11 -16.56 | 27.53 -0.10 -20.27 | 25.93 -0.11 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.49 -0.11 -19.05 | 25.78 -0.09 -19.11 | 22.43 -0.12 -14.19 | 23.75 -0.11 -15.61 | 22.54 -0.03 -20.30 | 22.78 -0.03 -20.55 | 27.44 -0.08 -21.84 | 22.70 -0.03 -20.56 | 15.14 -0.04 -11.58 | 9.20 -0.05 -4.39 |
| SITHE_IND_GS2 24170 | 11.98 -0.16 -0.48 | 9.16 -0.13 -0.47 | 8.90 -0.13 -0.50 | 7.25 -0.10 -0.47 | 9.38 -0.14 -0.41 | 7.28 -0.04 -2.07 | 17.63 -0.03 -14.04 | 18.96 -0.11 -10.10 | 22.44 -0.12 -14.11 | 24.40 -0.11 -16.56 | 27.53 -0.10 -20.27 | 25.93 -0.11 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.49 -0.11 -19.05 | 25.78 -0.09 -19.11 | 22.43 -0.12 -14.19 | 23.75 -0.11 -15.61 | 22.54 -0.03 -20.30 | 22.78 -0.03 -20.55 | 27.44 -0.08 -21.84 | 22.70 -0.03 -20.56 | 15.14 -0.04 -11.58 | 9.20 -0.05 -4.39 |
| SITHE_IND_GS3 24171 | 11.98 -0.16 -0.48 | 9.16 -0.13 -0.47 | 8.90 -0.13 -0.50 | 7.25 -0.10 -0.47 | 9.38 -0.14 -0.41 | 7.28 -0.04 -2.07 | 17.63 -0.03 -14.04 | 18.96 -0.11 -10.10 | 22.44 -0.12 -14.11 | 24.40 -0.11 -16.56 | 27.53 -0.10 -20.27 | 25.93 -0.11 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.49 -0.11 -19.05 | 25.78 -0.09 -19.11 | 22.43 -0.12 -14.19 | 23.75 -0.11 -15.61 | 22.54 -0.03 -20.30 | 22.78 -0.03 -20.55 | 27.44 -0.08 -21.84 | 22.70 -0.03 -20.56 | 15.14 -0.04 -11.58 | 9.20 -0.05 -4.39 |
| SITHE_IND_GS4 24172 | 11.98 -0.16 -0.48 | 9.16 -0.13 -0.47 | 8.90 -0.13 -0.50 | 7.25 -0.10 -0.47 | 9.38 -0.14 -0.41 | 7.28 -0.04 -2.07 | 17.63 -0.03 -14.04 | 18.96 -0.11 -10.10 | 22.44 -0.12 -14.11 | 24.40 -0.11 -16.56 | 27.53 -0.10 -20.27 | 25.93 -0.11 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.49 -0.11 -19.05 | 25.78 -0.09 -19.11 | 22.43 -0.12 -14.19 | 23.75 -0.11 -15.61 | 22.54 -0.03 -20.30 | 22.78 -0.03 -20.55 | 27.44 -0.08 -21.84 | 22.70 -0.03 -20.56 | 15.14 -0.04 -11.58 | 9.20 -0.05 -4.39 |
| SITHE___BATAVIA 24024 | 13.01 0.26 -1.09 | 10.11 0.22 -1.07 | 9.84 0.19 -1.14 | 8.12 0.17 -1.06 | 10.18 0.15 -0.92 | 8.88 0.28 -3.35 | 19.61 0.15 -15.84 | 20.84 0.26 -11.61 | 24.36 0.12 -15.79 | 26.48 0.06 -18.47 | 29.65 0.10 -22.20 | 28.01 0.06 -20.19 | 28.73 0.08 -21.07 | 31.51 0.07 -24.44 | 28.49 0.10 -20.85 | 28.01 0.13 -21.11 | 24.88 0.16 -16.37 | 26.59 0.16 -18.18 | 25.24 0.05 -22.93 | 25.81 0.05 -23.51 | 29.52 0.08 -23.75 | 24.69 0.03 -22.50 | 17.03 0.14 -13.29 | 11.27 0.24 -6.17 |
| SITHE___INDEPEND 23800 | 11.98 -0.16 -0.48 | 9.16 -0.13 -0.47 | 8.90 -0.13 -0.50 | 7.25 -0.10 -0.47 | 9.38 -0.14 -0.41 | 7.28 -0.04 -2.07 | 17.63 -0.03 -14.04 | 18.96 -0.11 -10.10 | 22.44 -0.12 -14.11 | 24.40 -0.11 -16.56 | 27.53 -0.10 -20.27 | 25.93 -0.11 -18.28 | 26.75 -0.11 -19.27 | 29.41 -0.10 -22.51 | 26.49 -0.11 -19.05 | 25.78 -0.09 -19.11 | 22.43 -0.12 -14.19 | 23.75 -0.11 -15.61 | 22.54 -0.03 -20.30 | 22.78 -0.03 -20.55 | 27.44 -0.08 -21.84 | 22.70 -0.03 -20.56 | 15.14 -0.04 -11.58 | 9.20 -0.05 -4.39 |

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|--|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE___MASSENA 23902 | 10.99 -0.68 0.00 | 8.30 -0.52 0.00 | 8.03 -0.49 0.00 | 6.48 -0.41 0.00 | 8.57 -0.53 0.00 | 5.00 -0.23 0.03 | 7.26 -0.16 -3.80 | 11.21 -0.39 -2.64 | 11.97 -0.37 -3.89 | 12.19 -0.36 -4.60 | 12.85 -0.33 -5.82 | 12.60 -0.33 -5.17 | 12.81 -0.33 -5.55 | 13.25 -0.31 -6.57 | 12.68 -0.35 -5.48 | 11.86 -0.32 -5.40 | 11.67 -0.37 -3.68 | 11.85 -0.36 -3.97 | 7.66 -0.10 -5.50 | 7.58 -0.10 -5.43 | 11.79 -0.25 -6.35 | 7.98 -0.10 -5.92 | 6.45 -0.18 -3.04 | 5.24 -0.23 -0.61 |
| SITHE___OGDNSBRG 24021 | 10.90 -0.77 0.00 | 8.22 -0.60 0.00 | 7.95 -0.57 0.00 | 6.41 -0.47 0.00 | 8.50 -0.60 0.00 | 5.10 -0.26 -0.11 | 8.08 -0.16 -4.62 | 11.78 -0.42 -3.23 | 12.79 -0.39 -4.73 | 13.18 -0.35 -5.58 | 14.04 -0.35 -7.03 | 13.67 -0.34 -6.26 | 13.95 -0.33 -6.70 | 14.58 -0.32 -7.90 | 13.79 -0.36 -6.61 | 12.97 -0.34 -6.54 | 12.49 -0.38 -4.52 | 12.75 -0.38 -4.88 | 8.86 -0.10 -6.70 | 8.79 -0.11 -6.64 | 13.09 -0.25 -7.65 | 9.20 -0.10 -7.14 | 7.12 -0.20 -3.72 | 5.48 -0.24 -0.86 |
| SITHE___STERLING 23777 | 11.92 0.26 0.00 | 8.98 0.17 0.00 | 8.68 0.16 0.00 | 7.01 0.13 0.00 | 9.48 0.18 -0.20 | 6.81 0.15 -1.40 | 19.22 0.12 -15.48 | 20.26 0.28 -11.01 | 24.38 0.27 -15.66 | 26.64 0.27 -18.42 | 30.40 0.24 -22.81 | 28.48 0.26 -20.47 | 29.54 0.25 -21.70 | 32.68 0.22 -25.46 | 29.22 0.23 -21.44 | 28.36 0.20 -21.39 | 24.05 0.25 -15.44 | 25.37 0.25 -16.87 | 24.73 0.07 -22.40 | 24.81 0.07 -22.49 | 30.55 0.19 -24.68 | 25.38 0.07 -23.15 | 16.34 0.10 -12.64 | 9.08 0.15 -4.08 |
| SOUTH CAIRO___GT 23612 | 22.29 0.88 -9.75 | 19.07 0.65 -9.60 | 19.33 0.62 -10.19 | 16.87 0.49 -9.50 | 17.16 0.66 -7.41 | 25.01 0.44 -19.32 | 29.22 0.31 -25.29 | 30.15 0.82 -20.36 | 32.86 0.80 -23.61 | 35.68 0.75 -26.98 | 36.37 0.71 -28.30 | 35.92 0.73 -27.43 | 34.77 0.70 -26.49 | 36.70 0.69 -29.01 | 34.71 0.73 -26.44 | 36.23 0.68 -28.78 | 40.21 0.84 -31.01 | 43.62 0.84 -34.54 | 39.43 0.22 -36.94 | 43.68 0.24 -41.19 | 39.37 0.59 -33.10 | 30.84 0.21 -28.47 | 27.14 0.34 -23.20 | 27.20 0.44 -21.90 |
| SOUTH HAMPTN___IC 23720 | 21.75 1.56 -8.52 | 18.37 1.16 -8.39 | 18.56 1.13 -8.91 | 16.09 0.90 -8.31 | 16.95 1.20 -6.65 | 23.28 0.77 -17.26 | 28.58 0.61 -24.35 | 33.32 1.60 -22.75 | 37.09 1.52 -27.11 | 40.61 1.42 -31.23 | 41.06 1.32 -32.38 | 40.91 1.37 -31.78 | 39.89 1.32 -30.98 | 40.89 1.23 -32.66 | 41.04 1.33 -32.17 | 41.92 1.22 -33.93 | 42.00 1.52 -32.12 | 42.57 1.51 -32.82 | 41.07 0.41 -38.38 | 43.04 0.42 -40.37 | 44.96 1.06 -38.22 | 41.04 0.39 -38.49 | 29.64 0.63 -25.41 | 25.56 0.83 -19.88 |
| SOUTHOLD___IC 23719 | 21.95 1.76 -8.52 | 18.52 1.31 -8.39 | 18.72 1.29 -8.91 | 16.22 1.03 -8.31 | 17.11 1.36 -6.65 | 23.38 0.86 -17.26 | 28.66 0.68 -24.35 | 33.52 1.79 -22.76 | 37.28 1.71 -27.11 | 40.80 1.61 -31.23 | 41.24 1.50 -32.38 | 41.09 1.56 -31.78 | 40.07 1.50 -30.98 | 41.05 1.39 -32.66 | 41.21 1.49 -32.17 | 42.08 1.39 -33.93 | 42.20 1.73 -32.12 | 42.77 1.71 -32.82 | 41.12 0.47 -38.38 | 43.10 0.48 -40.37 | 45.10 1.20 -38.22 | 41.10 0.44 -38.49 | 29.72 0.70 -25.41 | 25.65 0.92 -19.88 |
| ST LAWRENCE___ 23600 | 10.99 -0.68 0.00 | 8.30 -0.51 0.00 | 8.03 -0.49 0.00 | 6.48 -0.40 0.00 | 8.58 -0.52 0.00 | 4.92 -0.25 0.08 | 6.93 -0.17 -3.48 | 10.97 -0.40 -2.41 | 11.65 -0.37 -3.57 | 11.82 -0.35 -4.22 | 12.39 -0.32 -5.36 | 12.18 -0.33 -4.76 | 12.38 -0.33 -5.11 | 12.74 -0.31 -6.05 | 12.25 -0.34 -5.04 | 11.43 -0.30 -4.97 | 11.34 -0.38 -3.36 | 11.49 -0.37 -3.61 | 7.20 -0.10 -5.04 | 7.11 -0.10 -4.96 | 11.29 -0.25 -5.85 | 7.51 -0.10 -5.45 | 6.19 -0.18 -2.77 | 5.14 -0.23 -0.52 |
| STATION 5_MISC_HYD 23604 | 12.83 0.23 -0.93 | 9.90 0.18 -0.91 | 9.63 0.14 -0.97 | 7.92 0.13 -0.90 | 10.01 0.13 -0.79 | 8.50 0.22 -3.02 | 19.39 0.14 -15.63 | 20.71 0.32 -11.42 | 24.25 0.19 -15.61 | 26.36 0.14 -18.27 | 29.56 0.16 -22.04 | 27.91 0.15 -20.01 | 28.66 0.15 -20.92 | 31.45 0.15 -24.30 | 28.43 0.19 -20.70 | 27.90 0.21 -20.92 | 24.69 0.25 -16.09 | 26.35 0.26 -17.84 | 24.96 0.07 -22.63 | 25.47 0.07 -23.14 | 29.45 0.15 -23.61 | 24.56 0.06 -22.33 | 16.83 0.15 -13.08 | 10.96 0.24 -5.86 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 12.84 0.27 -0.91 | 9.91 0.20 -0.90 | 9.65 0.18 -0.95 | 7.92 0.15 -0.89 | 10.05 0.17 -0.77 | 8.46 0.22 -2.98 | 19.29 0.16 -15.52 | 20.65 0.37 -11.31 | 24.20 0.25 -15.50 | 26.31 0.21 -18.14 | 29.48 0.22 -21.91 | 27.85 0.22 -19.88 | 28.60 0.21 -20.80 | 31.38 0.21 -24.17 | 28.36 0.24 -20.57 | 27.80 0.24 -20.78 | 24.59 0.29 -15.94 | 26.21 0.31 -17.66 | 24.80 0.08 -22.45 | 25.28 0.09 -22.94 | 29.36 0.19 -23.48 | 24.44 0.07 -22.20 | 16.71 0.16 -12.96 | 10.83 0.23 -5.74 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 12.78 0.20 -0.91 | 9.86 0.15 -0.90 | 9.60 0.13 -0.95 | 7.88 0.11 -0.89 | 9.98 0.11 -0.77 | 8.44 0.19 -2.99 | 19.36 0.13 -15.61 | 20.66 0.29 -11.40 | 24.21 0.16 -15.60 | 26.33 0.12 -18.26 | 29.52 0.14 -22.03 | 27.88 0.13 -19.99 | 28.63 0.13 -20.91 | 31.42 0.13 -24.29 | 28.40 0.17 -20.69 | 27.86 0.18 -20.91 | 24.65 0.23 -16.06 | 26.29 0.23 -17.81 | 24.93 0.06 -22.60 | 25.43 0.07 -23.11 | 29.42 0.14 -23.60 | 24.54 0.05 -22.32 | 16.80 0.14 -13.06 | 10.92 0.22 -5.84 |
| STEEL___WIND 323596 | 13.23 0.29 -1.28 | 10.33 0.26 -1.26 | 10.08 0.23 -1.33 | 8.34 0.21 -1.24 | 10.37 0.19 -1.08 | 9.27 0.29 -3.72 | 19.85 0.13 -16.09 | 21.02 0.22 -11.83 | 24.57 0.12 -16.00 | 26.69 0.04 -18.70 | 29.84 0.09 -22.39 | 28.20 0.05 -20.40 | 28.88 0.05 -21.24 | 31.64 0.04 -24.60 | 28.61 0.05 -21.02 | 28.18 0.08 -21.33 | 25.15 0.10 -16.69 | 26.93 0.10 -18.58 | 25.58 0.03 -23.28 | 26.21 0.03 -23.93 | 29.64 0.04 -23.92 | 24.87 0.02 -22.68 | 17.27 0.13 -13.54 | 11.61 0.23 -6.53 |
| STEBEN_REC_LFGE 323667 | 13.67 0.35 -1.66 | 10.71 0.26 -1.63 | 10.49 0.24 -1.73 | 8.72 0.22 -1.61 | 10.74 0.24 -1.40 | 10.05 0.32 -4.48 | 20.34 0.20 -16.52 | 21.67 0.47 -12.23 | 25.20 0.38 -16.37 | 27.38 0.32 -19.11 | 30.39 0.32 -22.71 | 28.82 0.31 -20.76 | 29.41 0.30 -21.53 | 32.12 0.25 -24.87 | 29.13 0.27 -21.32 | 28.74 0.26 -21.71 | 25.95 0.33 -17.27 | 27.90 0.35 -19.30 | 26.27 0.10 -23.90 | 27.04 0.10 -24.69 | 30.10 0.23 -24.19 | 25.25 0.09 -23.00 | 17.78 0.20 -13.99 | 12.34 0.29 -7.19 |
| STONY___BROOK 24151 | 21.66 1.47 -8.52 | 18.31 1.10 -8.39 | 18.50 1.07 -8.91 | 16.04 0.85 -8.31 | 16.87 1.12 -6.65 | 23.24 0.72 -17.26 | 28.53 0.56 -24.35 | 33.20 1.46 -22.77 | 36.96 1.39 -27.13 | 40.49 1.30 -31.24 | 40.94 1.21 -32.37 | 40.80 1.27 -31.77 | 39.80 1.23 -30.98 | 40.80 1.15 -32.65 | 40.94 1.24 -32.16 | 41.82 1.13 -33.92 | 41.88 1.40 -32.12 | 42.46 1.39 -32.82 | 41.03 0.38 -38.38 | 43.00 0.38 -40.37 | 44.86 0.95 -38.22 | 41.00 0.36 -38.48 | 29.61 0.59 -25.43 | 25.52 0.78 -19.88 |
| STURGEON_POOL_HYD 23609 | 21.97 1.05 -9.26 | 18.71 0.78 -9.11 | 18.94 0.74 -9.68 | 16.49 0.58 -9.02 | 16.99 0.79 -7.10 | 24.22 0.52 -18.44 | 28.88 0.37 -24.89 | 29.90 0.96 -19.97 | 32.58 0.91 -23.22 | 35.38 0.86 -26.57 | 36.24 0.81 -28.07 | 35.71 0.84 -27.12 | 34.70 0.81 -26.30 | 36.67 0.77 -28.91 | 34.61 0.83 -26.24 | 35.97 0.76 -28.44 | 39.49 0.94 -30.19 | 42.77 0.93 -33.59 | 38.71 0.25 -36.19 | 42.72 0.25 -40.22 | 39.06 0.64 -32.74 | 30.66 0.24 -28.25 | 26.64 0.39 -22.65 | 26.27 0.52 -20.90 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 20.34 1.07 -7.60 | 17.10 0.80 -7.48 | 17.22 0.76 -7.94 | 14.89 0.61 -7.41 | 16.01 0.81 -6.10 | 21.70 0.53 -15.92 | 27.62 0.37 -23.63 | 28.67 0.97 -18.73 | 31.59 0.92 -22.22 | 34.33 0.87 -25.50 | 35.62 0.82 -27.45 | 34.89 0.85 -26.27 | 34.18 0.83 -25.76 | 36.34 0.78 -28.56 | 34.05 0.84 -25.67 | 35.09 0.76 -27.55 | 38.49 0.95 -29.18 | 40.56 0.94 -31.38 | 37.18 0.26 -34.65 | 40.90 0.26 -38.39 | 40.87 0.64 -34.54 | 30.06 0.24 -27.65 | 25.27 0.40 -21.28 | 23.88 0.52 -18.49 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SYNERGY___BIOGAS 323694 | 13.01 0.26 -1.09 | 10.11 0.22 -1.07 | 9.84 0.19 -1.14 | 8.12 0.17 -1.06 | 10.18 0.15 -0.92 | 8.88 0.28 -3.35 | 19.61 0.15 -15.84 | 20.84 0.26 -11.61 | 24.36 0.12 -15.79 | 26.48 0.06 -18.47 | 29.65 0.10 -22.20 | 28.01 0.06 -20.19 | 28.73 0.08 -21.07 | 31.51 0.07 -24.44 | 28.49 0.10 -20.85 | 28.01 0.13 -21.11 | 24.88 0.16 -16.37 | 26.59 0.16 -18.18 | 25.24 0.05 -22.93 | 25.81 0.05 -23.51 | 29.52 0.08 -23.75 | 24.69 0.03 -22.50 | 17.03 0.14 -13.29 | 11.27 0.24 -6.17 |
| SYRACUSE___ENERGY_ST1 323597 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| SYRACUSE___ENERGY_ST2 323598 | 12.49 0.09 -0.73 | 9.60 0.06 -0.72 | 9.33 0.05 -0.76 | 7.64 0.05 -0.71 | 9.78 0.05 -0.62 | 7.93 0.08 -2.59 | 18.61 0.06 -14.94 | 19.84 0.11 -10.76 | 23.46 0.09 -14.91 | 25.51 0.08 -17.48 | 28.72 0.08 -21.28 | 27.08 0.09 -19.24 | 27.89 0.08 -20.22 | 30.63 0.07 -23.57 | 27.61 0.08 -19.99 | 26.96 0.07 -20.11 | 23.59 0.09 -15.14 | 25.05 0.10 -16.71 | 23.81 0.02 -21.51 | 24.15 0.03 -21.87 | 28.63 0.07 -22.87 | 23.76 0.02 -21.58 | 15.98 0.05 -12.33 | 9.93 0.06 -5.01 |
| SYRACUSE___POWER 24017 | 12.49 0.10 -0.72 | 9.59 0.06 -0.71 | 9.34 0.06 -0.76 | 7.64 0.05 -0.71 | 9.79 0.06 -0.62 | 7.93 0.08 -2.59 | 18.75 0.06 -15.07 | 19.99 0.14 -10.88 | 23.67 0.13 -15.08 | 25.75 0.12 -17.68 | 29.00 0.12 -21.53 | 27.34 0.12 -19.46 | 28.16 0.12 -20.45 | 30.95 0.11 -23.84 | 27.88 0.11 -20.22 | 27.22 0.10 -20.34 | 23.79 0.13 -15.30 | 25.26 0.13 -16.88 | 24.06 0.04 -21.75 | 24.39 0.04 -22.10 | 28.92 0.09 -23.14 | 24.03 0.03 -21.83 | 16.12 0.06 -12.47 | 9.98 0.08 -5.05 |
| TRIGEN___CC 323695 | 21.64 1.45 -8.53 | 18.28 1.07 -8.39 | 18.45 1.02 -8.91 | 16.00 0.81 -8.31 | 16.84 1.08 -6.66 | 23.21 0.69 -17.26 | 28.51 0.52 -24.37 | 35.05 1.33 -24.76 | 38.14 1.25 -28.44 | 40.62 1.19 -31.48 | 40.14 1.10 -31.68 | 39.89 1.16 -30.98 | 38.91 1.13 -30.18 | 40.06 1.05 -32.01 | 39.86 1.13 -31.19 | 40.80 1.03 -33.00 | 41.74 1.27 -32.12 | 42.34 1.28 -32.82 | 40.62 0.34 -38.01 | 42.97 0.35 -40.37 | 44.77 0.87 -38.22 | 39.44 0.32 -36.95 | 30.96 0.54 -26.83 | 25.48 0.74 -19.88 |
| UNION___PROCESSING_DRP 323587 | 12.82 0.22 -0.93 | 9.90 0.17 -0.92 | 9.64 0.14 -0.97 | 7.91 0.12 -0.91 | 10.01 0.12 -0.79 | 8.49 0.21 -3.03 | 19.39 0.14 -15.63 | 20.68 0.30 -11.42 | 24.23 0.17 -15.61 | 26.34 0.12 -18.27 | 29.54 0.15 -22.04 | 27.90 0.13 -20.01 | 28.64 0.13 -20.92 | 31.43 0.13 -24.30 | 28.41 0.17 -20.70 | 27.88 0.19 -20.92 | 24.67 0.23 -16.09 | 26.33 0.24 -17.84 | 24.96 0.06 -22.63 | 25.46 0.07 -23.14 | 29.43 0.14 -23.61 | 24.55 0.05 -22.33 | 16.82 0.15 -13.08 | 10.95 0.23 -5.87 |
| UPPER HUDSON___HYD 24058 | 24.49 0.62 -12.21 | 21.31 0.48 -12.02 | 21.72 0.44 -12.76 | 19.16 0.38 -11.90 | 18.60 0.54 -8.97 | 29.92 0.32 -24.34 | 31.23 0.16 -27.46 | 31.90 0.44 -22.50 | 34.09 0.44 -25.20 | 37.03 0.42 -28.66 | 36.86 0.38 -29.13 | 36.70 0.36 -28.58 | 35.05 0.35 -27.12 | 36.60 0.32 -29.28 | 34.99 0.32 -27.12 | 37.20 0.32 -30.11 | 41.47 0.41 -32.70 | 46.95 0.40 -38.30 | 41.82 0.12 -39.44 | 46.60 0.11 -44.23 | 35.75 0.29 -29.77 | 31.52 0.11 -29.25 | 29.24 0.14 -25.50 | 31.20 0.18 -26.16 |
| UPPER RAQUET___HYD 24056 | 10.60 -1.06 0.00 | 7.99 -0.83 0.00 | 7.73 -0.79 0.00 | 6.24 -0.65 0.00 | 8.26 -0.84 0.00 | 5.42 -0.40 -0.57 | 8.80 -0.27 -5.45 | 12.10 -0.69 -3.83 | 13.35 -0.66 -5.56 | 13.90 -0.61 -6.55 | 15.00 -0.58 -8.23 | 14.51 -0.59 -7.34 | 14.85 -0.58 -7.84 | 15.68 -0.55 -9.24 | 14.68 -0.60 -7.74 | 13.88 -0.56 -7.66 | 13.06 -0.64 -5.35 | 13.41 -0.63 -5.80 | 9.98 -0.18 -7.89 | 9.92 -0.18 -7.85 | 14.20 -0.43 -8.94 | 10.35 -0.17 -8.35 | 7.68 -0.31 -4.40 | 5.56 -0.40 -1.11 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 15.75 0.82 -3.27 | 12.61 0.58 -3.22 | 12.51 0.58 -3.41 | 10.53 0.47 -3.18 | 12.58 0.66 -2.82 | 13.23 0.44 -7.53 | 21.46 0.39 -17.45 | 22.94 0.92 -13.06 | 26.48 0.87 -17.16 | 28.77 0.84 -19.97 | 31.48 0.71 -23.41 | 30.04 0.74 -21.53 | 30.46 0.71 -22.16 | 33.10 0.64 -25.47 | 30.17 0.66 -21.97 | 29.88 0.58 -22.53 | 27.55 0.72 -18.48 | 29.74 0.71 -20.79 | 27.69 0.20 -25.22 | 28.72 0.20 -26.26 | 31.02 0.53 -24.80 | 26.06 0.20 -23.69 | 18.83 0.32 -14.92 | 13.85 0.47 -8.53 |
| VISCHER___FERRY HYD 24020 | 24.33 0.58 -12.08 | 21.16 0.45 -11.89 | 21.57 0.43 -12.63 | 19.00 0.35 -11.77 | 18.47 0.49 -8.88 | 29.55 0.31 -23.98 | 31.19 0.21 -27.36 | 31.91 0.55 -22.40 | 34.10 0.52 -25.12 | 37.03 0.49 -28.58 | 36.90 0.45 -29.10 | 36.86 0.48 -28.62 | 35.21 0.48 -27.14 | 36.74 0.43 -29.31 | 35.15 0.46 -27.15 | 37.23 0.41 -30.05 | 41.30 0.52 -32.42 | 46.83 0.50 -38.08 | 41.66 0.14 -39.25 | 46.36 0.14 -43.96 | 35.47 0.35 -29.44 | 31.52 0.13 -29.22 | 29.18 0.20 -25.38 | 31.05 0.27 -25.92 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.95 1.27 -8.02 | 17.65 0.94 -7.89 | 17.79 0.89 -8.38 | 15.40 0.71 -7.81 | 16.40 0.95 -6.35 | 22.39 0.61 -16.52 | 27.99 0.43 -23.94 | 29.12 1.12 -19.03 | 31.99 1.07 -22.47 | 34.73 1.02 -25.76 | 35.91 0.95 -27.61 | 35.23 0.99 -26.48 | 34.45 0.96 -25.90 | 36.55 0.90 -28.65 | 34.33 0.97 -25.82 | 35.43 0.89 -27.77 | 39.58 1.09 -30.13 | 41.32 1.08 -31.99 | 37.82 0.30 -35.25 | 41.79 0.30 -39.24 | 42.44 0.74 -36.01 | 30.25 0.28 -27.81 | 25.67 0.46 -21.62 | 24.54 0.61 -19.08 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 21.69 1.41 -8.61 | 18.24 1.04 -8.39 | 18.41 0.98 -8.91 | 15.97 0.78 -8.30 | 16.80 1.05 -6.65 | 23.18 0.67 -17.25 | 28.41 0.48 -24.32 | 31.19 1.25 -20.98 | 34.37 1.19 -24.73 | 39.76 1.13 -30.68 | 39.76 1.05 -31.35 | 40.82 1.10 -31.96 | 40.94 1.07 -32.28 | 42.34 1.00 -34.34 | 41.30 1.08 -32.68 | 41.95 0.98 -34.20 | 44.04 1.21 -34.47 | 44.49 1.20 -35.05 | 41.18 0.33 -38.59 | 42.97 0.32 -40.39 | 44.70 0.81 -38.20 | 34.90 0.31 -32.43 | 31.17 0.50 -27.07 | 28.15 0.67 -22.62 |
| WADING RIVER_IC_1 23522 | 21.41 1.22 -8.52 | 18.12 0.91 -8.39 | 18.33 0.89 -8.91 | 15.88 0.69 -8.31 | 16.69 0.94 -6.65 | 23.12 0.61 -17.26 | 28.46 0.49 -24.35 | 32.99 1.27 -22.75 | 36.77 1.21 -27.11 | 40.32 1.14 -31.23 | 40.78 1.04 -32.38 | 40.62 1.09 -31.78 | 39.62 1.05 -30.98 | 40.64 0.98 -32.66 | 40.77 1.06 -32.17 | 41.67 0.97 -33.93 | 41.69 1.21 -32.12 | 42.26 1.20 -32.82 | 40.98 0.33 -38.38 | 42.95 0.33 -40.37 | 44.74 0.84 -38.22 | 40.97 0.31 -38.49 | 29.52 0.51 -25.41 | 25.41 0.67 -19.88 |
| WADING RIVER_IC_2 23547 | 21.41 1.22 -8.52 | 18.12 0.91 -8.39 | 18.33 0.89 -8.91 | 15.88 0.69 -8.31 | 16.69 0.94 -6.65 | 23.12 0.61 -17.26 | 28.46 0.49 -24.35 | 32.99 1.27 -22.75 | 36.77 1.21 -27.11 | 40.32 1.14 -31.23 | 40.78 1.04 -32.38 | 40.62 1.09 -31.78 | 39.62 1.05 -30.98 | 40.64 0.98 -32.66 | 40.77 1.06 -32.17 | 41.67 0.97 -33.93 | 41.69 1.21 -32.12 | 42.26 1.20 -32.82 | 40.98 0.33 -38.38 | 42.95 0.33 -40.37 | 44.74 0.84 -38.22 | 40.97 0.31 -38.49 | 29.52 0.51 -25.41 | 25.41 0.67 -19.88 |
| WADING RIVER_IC_3 23601 | 21.41 1.22 -8.52 | 18.12 0.91 -8.39 | 18.33 0.89 -8.91 | 15.88 0.69 -8.31 | 16.69 0.94 -6.65 | 23.12 0.61 -17.26 | 28.46 0.49 -24.35 | 32.99 1.27 -22.75 | 36.77 1.21 -27.11 | 40.32 1.14 -31.23 | 40.78 1.04 -32.38 | 40.62 1.09 -31.78 | 39.62 1.05 -30.98 | 40.64 0.98 -32.66 | 40.77 1.06 -32.17 | 41.67 0.97 -33.93 | 41.69 1.21 -32.12 | 42.26 1.20 -32.82 | 40.98 0.33 -38.38 | 42.95 0.33 -40.37 | 44.74 0.84 -38.22 | 40.97 0.31 -38.49 | 29.52 0.51 -25.41 | 25.41 0.67 -19.88 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WALDEN___HYDRO 24148 | 20.92 1.14 -8.11 | 17.65 0.85 -7.99 | 17.80 0.80 -8.48 | 15.42 0.63 -7.91 | 16.36 0.86 -6.41 | 22.52 0.56 -16.71 | 28.04 0.40 -24.02 | 29.05 1.03 -19.05 | 31.91 0.98 -22.48 | 34.66 0.93 -25.78 | 35.84 0.88 -27.61 | 35.16 0.91 -26.50 | 34.37 0.88 -25.90 | 36.49 0.84 -28.65 | 34.27 0.90 -25.82 | 35.38 0.83 -27.78 | 39.00 1.03 -29.61 | 41.24 1.01 -31.98 | 37.65 0.28 -35.11 | 41.50 0.28 -38.96 | 40.89 0.69 -34.51 | 30.23 0.26 -27.81 | 25.66 0.42 -21.64 | 24.54 0.56 -19.13 |
| WARRENSBURG___ 23737 | 24.49 0.62 -12.21 | 21.31 0.48 -12.02 | 21.72 0.44 -12.76 | 19.16 0.38 -11.90 | 18.60 0.54 -8.97 | 29.92 0.32 -24.34 | 31.23 0.16 -27.46 | 31.90 0.44 -22.50 | 34.09 0.44 -25.20 | 37.03 0.42 -28.66 | 36.86 0.38 -29.13 | 36.70 0.36 -28.58 | 35.05 0.35 -27.12 | 36.60 0.32 -29.28 | 34.99 0.32 -27.12 | 37.20 0.32 -30.11 | 41.47 0.41 -32.70 | 46.95 0.40 -38.30 | 41.82 0.12 -39.44 | 46.60 0.11 -44.23 | 35.75 0.29 -29.77 | 31.52 0.11 -29.25 | 29.24 0.14 -25.50 | 31.20 0.18 -26.16 |
| WATERSIDE___6 8 9 23538 | 23.57 1.40 -10.51 | 18.28 1.07 -8.40 | 18.45 1.01 -8.92 | 16.01 0.81 -8.31 | 16.84 1.08 -6.66 | 23.20 0.68 -17.26 | 28.42 0.49 -24.32 | 32.72 1.25 -22.50 | 36.23 1.17 -26.61 | 44.13 1.10 -35.08 | 43.14 1.02 -34.76 | 45.77 1.05 -36.96 | 46.86 1.03 -38.24 | 47.65 0.97 -39.68 | 47.68 1.04 -39.10 | 47.82 0.95 -40.10 | 46.94 1.17 -37.41 | 46.66 1.15 -37.26 | 43.64 0.32 -41.06 | 43.00 0.32 -40.43 | 44.69 0.79 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.87 0.67 -25.34 |
| WDELAWARE___HYD 323627 | 21.34 0.44 -9.23 | 18.22 0.32 -9.09 | 18.45 0.28 -9.65 | 16.08 0.21 -8.99 | 16.47 0.28 -7.09 | 23.87 0.22 -18.40 | 28.66 0.17 -24.87 | 29.43 0.51 -19.95 | 32.16 0.51 -23.20 | 34.99 0.49 -26.55 | 35.90 0.48 -28.07 | 35.34 0.48 -27.10 | 34.34 0.46 -26.29 | 36.39 0.49 -28.90 | 34.29 0.51 -26.23 | 35.69 0.49 -28.43 | 39.28 0.62 -30.30 | 42.43 0.61 -33.57 | 38.63 0.15 -36.21 | 42.68 0.17 -40.26 | 39.20 0.41 -33.10 | 30.55 0.14 -28.25 | 26.44 0.22 -22.63 | 25.99 0.27 -20.86 |
| WEST BABYLON___IC 23714 | 21.79 1.60 -8.52 | 18.39 1.18 -8.39 | 18.57 1.14 -8.91 | 16.09 0.90 -8.31 | 16.95 1.20 -6.65 | 23.28 0.77 -17.26 | 28.57 0.59 -24.36 | 33.75 1.52 -23.27 | 37.38 1.44 -27.49 | 40.68 1.35 -31.38 | 40.91 1.26 -32.29 | 40.75 1.31 -31.68 | 39.75 1.27 -30.89 | 40.77 1.19 -32.58 | 40.88 1.28 -32.05 | 41.75 1.16 -33.82 | 41.90 1.42 -32.12 | 42.47 1.41 -32.82 | 40.99 0.39 -38.34 | 43.01 0.39 -40.37 | 44.88 0.98 -38.22 | 40.84 0.37 -38.30 | 30.01 0.61 -25.80 | 25.56 0.83 -19.88 |
| WEST CANADA___HYD 24049 | 11.47 0.09 0.29 | 8.60 0.07 0.29 | 8.28 0.07 0.30 | 6.65 0.05 0.28 | 9.01 0.07 0.16 | 5.86 0.05 -0.55 | 19.87 0.03 -16.22 | 20.46 0.09 -11.40 | 25.07 0.08 -16.53 | 27.52 0.08 -19.48 | 31.85 0.07 -24.42 | 29.63 0.08 -21.79 | 30.93 0.08 -23.26 | 34.47 0.07 -27.40 | 30.58 0.08 -22.96 | 29.60 0.07 -22.77 | 24.38 0.08 -15.95 | 25.62 0.07 -17.30 | 25.77 0.02 -23.49 | 25.65 0.02 -23.38 | 32.27 0.05 -26.53 | 26.98 0.02 -24.79 | 16.74 0.03 -13.11 | 8.31 0.05 -3.41 |
| WESTERN_NY_WIND 24143 | 13.02 0.26 -1.09 | 10.11 0.22 -1.08 | 9.85 0.19 -1.14 | 8.12 0.17 -1.07 | 10.18 0.15 -0.93 | 8.89 0.28 -3.36 | 19.62 0.14 -15.85 | 20.85 0.26 -11.62 | 24.36 0.11 -15.80 | 26.48 0.05 -18.48 | 29.65 0.09 -22.21 | 28.01 0.05 -20.20 | 28.73 0.07 -21.07 | 31.51 0.06 -24.45 | 28.49 0.09 -20.85 | 28.02 0.13 -21.12 | 24.88 0.15 -16.38 | 26.60 0.16 -18.20 | 25.25 0.04 -22.94 | 25.82 0.04 -23.52 | 29.52 0.07 -23.76 | 24.70 0.03 -22.50 | 17.04 0.14 -13.30 | 11.29 0.24 -6.19 |
| WESTOVER___LESR 323668 | 14.62 0.40 -2.55 | 11.62 0.29 -2.51 | 11.47 0.28 -2.67 | 9.60 0.23 -2.49 | 11.56 0.30 -2.16 | 11.78 0.25 -6.28 | 21.47 0.16 -17.69 | 22.62 0.39 -13.26 | 26.15 0.35 -17.35 | 28.46 0.32 -20.19 | 31.25 0.30 -23.59 | 29.79 0.30 -21.73 | 30.21 0.30 -22.32 | 32.88 0.27 -25.62 | 29.96 0.29 -22.13 | 29.77 0.26 -22.73 | 27.46 0.33 -18.78 | 29.73 0.33 -21.15 | 27.90 0.09 -25.54 | 29.00 0.09 -26.65 | 30.87 0.23 -24.96 | 26.12 0.08 -23.87 | 18.90 0.16 -15.14 | 13.94 0.23 -8.85 |
| WETHRSFD_WT_PWR 323626 | 13.37 0.28 -1.42 | 10.46 0.24 -1.40 | 10.22 0.21 -1.49 | 8.47 0.20 -1.39 | 10.50 0.19 -1.21 | 9.55 0.28 -4.02 | 20.02 0.13 -16.27 | 21.20 0.24 -11.99 | 24.74 0.13 -16.15 | 26.90 0.08 -18.87 | 29.99 0.11 -22.52 | 28.37 0.07 -20.54 | 29.02 0.08 -21.36 | 31.77 0.06 -24.71 | 28.76 0.07 -21.14 | 28.35 0.09 -21.49 | 25.40 0.12 -16.92 | 27.25 0.13 -18.87 | 25.84 0.04 -23.53 | 26.53 0.04 -24.23 | 29.78 0.07 -24.03 | 25.01 0.03 -22.81 | 17.45 0.13 -13.72 | 11.88 0.22 -6.79 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.91 1.21 -8.03 | 17.62 0.90 -7.91 | 17.76 0.84 -8.40 | 15.38 0.67 -7.83 | 16.36 0.90 -6.36 | 22.38 0.58 -16.55 | 27.98 0.41 -23.95 | 29.09 1.08 -19.04 | 31.96 1.03 -22.48 | 34.70 0.97 -25.77 | 35.88 0.90 -27.61 | 35.20 0.95 -26.49 | 34.41 0.92 -25.90 | 36.51 0.86 -28.65 | 34.29 0.93 -25.82 | 35.40 0.85 -27.78 | 39.57 1.04 -30.16 | 41.29 1.03 -32.01 | 37.82 0.28 -35.27 | 41.81 0.28 -39.27 | 42.46 0.70 -36.07 | 30.24 0.27 -27.81 | 25.66 0.44 -21.63 | 24.53 0.58 -19.10 |
| YORK___WARBASSE 23770 | 23.51 1.34 -10.51 | 18.26 1.05 -8.40 | 18.42 0.99 -8.92 | 15.99 0.79 -8.31 | 16.81 1.06 -6.66 | 23.18 0.66 -17.26 | 28.41 0.47 -24.32 | 32.70 1.23 -22.50 | 36.21 1.16 -26.61 | 44.12 1.09 -35.08 | 43.13 1.01 -34.76 | 45.75 1.03 -36.96 | 46.84 1.01 -38.24 | 47.63 0.94 -39.68 | 47.66 1.02 -39.10 | 47.80 0.93 -40.10 | 46.92 1.15 -37.41 | 46.64 1.14 -37.26 | 43.64 0.31 -41.06 | 43.00 0.31 -40.43 | 44.68 0.78 -38.22 | 39.15 0.30 -36.68 | 36.00 0.50 -31.90 | 30.85 0.66 -25.34 |