

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/22/2018

| 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 | 20.32 | 17.60 | 16.34 | 15.04 | 15.53 | 16.49 | 21.99 | 26.23 | 27.97 | 31.79 | 33.04 | 33.60 | 33.97 | 32.92 | 32.91 | 33.30 | 34.42 | 35.25 | 32.43 | 31.57 | 32.51 | 26.79 | 23.12 | 19.63 |
| 24138 | 0.63 | 0.59 | 0.54 | 0.52 | 0.52 | 0.53 | 0.43 | 0.56 | 0.51 | 0.46 | 0.34 | 0.33 | 0.32 | 0.36 | 0.36 | 0.48 | 0.46 | 0.28 | 0.30 | 0.29 | 0.28 | 0.36 | 0.42 | 0.51 |
| | -14.12 | -11.66 | -10.80 | -9.52 | -10.07 | -11.08 | -17.82 | -20.83 | -23.20 | -27.53 | -29.86 | -30.54 | -31.01 | -29.72 | -29.72 | -29.08 | -30.38 | -32.78 | -29.75 | -28.81 | -29.87 | -23.34 | -19.19 | -15.08 |
| 74TH STREET_GT_1 | 20.33 | 17.61 | 16.35 | 15.04 | 15.54 | 16.49 | 22.00 | 26.24 | 27.98 | 34.27 | 36.85 | 37.04 | 37.04 | 36.66 | 36.47 | 36.47 | 36.85 | 36.47 | 32.60 | 31.59 | 32.53 | 27.03 | 23.14 | 20.55 |
| 24260 | 0.65 | 0.60 | 0.55 | 0.53 | 0.53 | 0.54 | 0.43 | 0.56 | 0.51 | 0.46 | 0.34 | 0.33 | 0.32 | 0.36 | 0.36 | 0.48 | 0.46 | 0.28 | 0.30 | 0.29 | 0.28 | 0.36 | 0.43 | 0.51 |
| | -14.12 | -11.66 | -10.80 | -9.52 | -10.07 | -11.08 | -17.82 | -20.83 | -23.21 | -30.01 | -33.67 | -33.98 | -34.08 | -33.46 | -33.28 | -32.25 | -32.81 | -34.00 | -29.91 | -28.82 | -29.89 | -23.57 | -19.20 | -16.00 |
| 74TH STREET_GT_2 | 20.33 | 17.61 | 16.35 | 15.04 | 15.54 | 16.49 | 22.00 | 26.24 | 27.98 | 34.27 | 36.85 | 37.04 | 37.04 | 36.66 | 36.47 | 36.47 | 36.85 | 36.47 | 32.60 | 31.59 | 32.53 | 27.03 | 23.14 | 20.55 |
| 24261 | 0.65 | 0.60 | 0.55 | 0.53 | 0.53 | 0.54 | 0.43 | 0.56 | 0.51 | 0.46 | 0.34 | 0.33 | 0.32 | 0.36 | 0.36 | 0.48 | 0.46 | 0.28 | 0.30 | 0.29 | 0.28 | 0.36 | 0.43 | 0.51 |
| | -14.12 | -11.66 | -10.80 | -9.52 | -10.07 | -11.08 | -17.82 | -20.83 | -23.21 | -30.01 | -33.67 | -33.98 | -34.08 | -33.46 | -33.28 | -32.25 | -32.81 | -34.00 | -29.91 | -28.82 | -29.89 | -23.57 | -19.20 | -16.00 |
| ADK HUDSON__FALLS | 22.07 | 18.63 | 17.43 | 15.87 | 16.38 | 17.18 | 21.98 | 26.41 | 28.07 | 29.22 | 28.94 | 29.87 | 30.64 | 28.86 | 29.03 | 29.95 | 31.89 | 33.95 | 32.25 | 31.56 | 32.48 | 26.48 | 23.04 | 18.58 |
| 24011 | 0.46 | 0.44 | 0.40 | 0.40 | 0.40 | 0.43 | 0.33 | 0.43 | 0.37 | 0.32 | 0.24 | 0.21 | 0.20 | 0.22 | 0.22 | 0.30 | 0.29 | 0.19 | 0.20 | 0.20 | 0.19 | 0.24 | 0.30 | 0.39 |
| | -16.05 | -12.85 | -12.03 | -10.48 | -11.04 | -11.88 | -17.90 | -21.14 | -23.45 | -25.09 | -25.86 | -26.94 | -27.81 | -25.79 | -25.98 | -25.91 | -28.02 | -31.57 | -29.66 | -28.88 | -29.92 | -23.14 | -19.23 | -14.15 |
| ADK RESOURCE__RCVRY | 22.02 | 18.62 | 17.41 | 15.86 | 16.37 | 17.18 | 22.00 | 26.42 | 28.07 | 29.21 | 28.95 | 29.88 | 30.64 | 28.86 | 29.03 | 29.95 | 31.89 | 33.95 | 32.25 | 31.56 | 32.48 | 26.48 | 23.06 | 18.61 |
| 23798 | 0.49 | 0.48 | 0.43 | 0.42 | 0.43 | 0.46 | 0.36 | 0.45 | 0.37 | 0.32 | 0.25 | 0.22 | 0.20 | 0.23 | 0.23 | 0.31 | 0.29 | 0.20 | 0.20 | 0.20 | 0.20 | 0.25 | 0.32 | 0.42 |
| | -15.97 | -12.80 | -11.98 | -10.44 | -11.00 | -11.85 | -17.90 | -21.13 | -23.44 | -25.09 | -25.86 | -26.93 | -27.81 | -25.79 | -25.98 | -25.91 | -28.01 | -31.57 | -29.66 | -28.88 | -29.92 | -23.14 | -19.23 | -14.15 |
| ADK S GLENS__FALLS | 22.07 | 18.63 | 17.43 | 15.87 | 16.38 | 17.18 | 21.98 | 26.41 | 28.07 | 29.22 | 28.94 | 29.87 | 30.64 | 28.86 | 29.03 | 29.95 | 31.89 | 33.95 | 32.25 | 31.56 | 32.48 | 26.48 | 23.04 | 18.58 |
| 24028 | 0.46 | 0.44 | 0.40 | 0.40 | 0.40 | 0.43 | 0.33 | 0.43 | 0.37 | 0.32 | 0.24 | 0.21 | 0.20 | 0.22 | 0.22 | 0.30 | 0.29 | 0.19 | 0.20 | 0.20 | 0.19 | 0.24 | 0.30 | 0.39 |
| | -16.05 | -12.85 | -12.03 | -10.48 | -11.04 | -11.88 | -17.90 | -21.14 | -23.45 | -25.09 | -25.86 | -26.94 | -27.81 | -25.79 | -25.98 | -25.91 | -28.02 | -31.57 | -29.66 | -28.88 | -29.92 | -23.14 | -19.23 | -14.15 |
| ADK_NYS__DAM | 21.77 | 18.43 | 17.23 | 15.69 | 16.20 | 17.01 | 21.90 | 26.25 | 27.93 | 29.09 | 28.85 | 29.80 | 30.57 | 28.78 | 28.95 | 29.84 | 31.78 | 33.89 | 32.18 | 31.48 | 32.41 | 26.39 | 22.96 | 18.53 |
| 23527 | 0.37 | 0.36 | 0.33 | 0.32 | 0.32 | 0.35 | 0.26 | 0.29 | 0.23 | 0.20 | 0.15 | 0.13 | 0.12 | 0.14 | 0.14 | 0.20 | 0.19 | 0.13 | 0.13 | 0.13 | 0.12 | 0.15 | 0.22 | 0.34 |
| | -15.84 | -12.72 | -11.89 | -10.37 | -10.93 | -11.79 | -17.90 | -21.12 | -23.44 | -25.09 | -25.86 | -26.94 | -27.81 | -25.79 | -25.98 | -25.90 | -28.01 | -31.57 | -29.66 | -28.88 | -29.92 | -23.15 | -19.23 | -14.15 |
| AIR_PRODUCTS__DRP | 21.58 | 18.28 | 17.09 | 15.58 | 16.09 | 16.89 | 21.79 | 26.08 | 27.81 | 28.99 | 28.80 | 29.76 | 30.53 | 28.74 | 28.91 | 29.75 | 31.69 | 33.85 | 32.14 | 31.44 | 32.37 | 26.33 | 22.87 | 18.39 |
| 24190 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.13 | 0.11 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 |
| | -15.71 | -12.64 | -11.81 | -10.31 | -10.87 | -11.74 | -17.90 | -21.09 | -23.42 | -25.07 | -25.87 | -26.95 | -27.82 | -25.80 | -26.00 | -25.89 | -27.99 | -31.58 | -29.67 | -28.89 | -29.93 | -23.15 | -19.24 | -14.16 |
| ALBANY__1 | 21.58 | 18.28 | 17.09 | 15.58 | 16.09 | 16.89 | 21.79 | 26.08 | 27.81 | 28.99 | 28.80 | 29.76 | 30.53 | 28.74 | 28.91 | 29.75 | 31.69 | 33.85 | 32.14 | 31.44 | 32.37 | 26.33 | 22.87 | 18.39 |
| 23571 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.13 | 0.11 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 |
| | -15.71 | -12.64 | -11.81 | -10.31 | -10.87 | -11.74 | -17.90 | -21.09 | -23.42 | -25.07 | -25.87 | -26.95 | -27.82 | -25.80 | -26.00 | -25.89 | -27.99 | -31.58 | -29.67 | -28.89 | -29.93 | -23.15 | -19.24 | -14.16 |
| ALBANY__2 | 21.58 | 18.28 | 17.09 | 15.58 | 16.09 | 16.89 | 21.79 | 26.08 | 27.81 | 28.99 | 28.80 | 29.76 | 30.53 | 28.74 | 28.91 | 29.75 | 31.69 | 33.85 | 32.14 | 31.44 | 32.37 | 26.33 | 22.87 | 18.39 |
| 23572 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.13 | 0.11 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 |
| | -15.71 | -12.64 | -11.81 | -10.31 | -10.87 | -11.74 | -17.90 | -21.09 | -23.42 | -25.07 | -25.87 | -26.95 | -27.82 | -25.80 | -26.00 | -25.89 | -27.99 | -31.58 | -29.67 | -28.89 | -29.93 | -23.15 | -19.24 | -14.16 |
| ALBANY__3 | 21.58 | 18.28 | 17.09 | 15.58 | 16.09 | 16.89 | 21.79 | 26.08 | 27.81 | 28.99 | 28.80 | 29.76 | 30.53 | 28.74 | 28.91 | 29.75 | 31.69 | 33.85 | 32.14 | 31.44 | 32.37 | 26.33 | 22.87 | 18.39 |
| 23573 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.13 | 0.11 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 |
| | -15.71 | -12.64 | -11.81 | -10.31 | -10.87 | -11.74 | -17.90 | -21.09 | -23.42 | -25.07 | -25.87 | -26.95 | -27.82 | -25.80 | -26.00 | -25.89 | -27.99 | -31.58 | -29.67 | -28.89 | -29.93 | -23.15 | -19.24 | -14.16 |
| ALBANY__4 | 21.58 | 18.28 | 17.09 | 15.58 | 16.09 | 16.89 | 21.79 | 26.08 | 27.81 | 28.99 | 28.80 | 29.76 | 30.53 | 28.74 | 28.91 | 29.75 | 31.69 | 33.85 | 32.14 | 31.44 | 32.37 | 26.33 | 22.87 | 18.39 |
| 23574 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.08 | 0.08 | 0.09 | 0.09 | 0.13 | 0.11 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.12 | 0.19 |
| | -15.71 | -12.64 | -11.81 | -10.31 | -10.87 | -11.74 | -17.90 | -21.09 | -23.42 | -25.07 | -25.87 | -26.95 | -27.82 | -25.80 | -26.00 | -25.89 | -27.99 | -31.58 | -29.67 | -28.89 | -29.93 | -23.15 | -19.24 | -14.16 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ALBANY___LFGF 323615 | 21.77 0.34 -15.86 | 18.41 0.33 -12.73 | 17.22 0.31 -11.91 | 15.69 0.30 -10.39 | 16.19 0.30 -10.95 | 16.98 0.31 -11.80 | 21.83 0.19 -17.90 | 26.17 0.22 -21.11 | 27.88 0.20 -23.43 | 29.05 0.17 -25.08 | 28.84 0.13 -25.86 | 29.79 0.11 -26.94 | 30.56 0.11 -27.82 | 28.77 0.13 -25.80 | 28.94 0.13 -25.99 | 29.81 0.17 -25.90 | 31.75 0.16 -28.00 | 33.87 0.11 -31.58 | 32.17 0.11 -29.67 | 31.47 0.10 -28.89 | 32.39 0.10 -29.93 | 26.37 0.12 -23.15 | 22.90 0.16 -19.24 | 18.44 0.24 -14.15 |
| ALCOA_RYNLDS___DRP 24188 | 4.21 -0.23 1.12 | 4.67 -0.23 0.45 | 5.89 -0.22 -1.09 | 5.90 -0.22 -1.12 | 5.95 -0.22 -1.23 | 5.82 -0.22 -1.18 | 7.07 -0.17 -3.49 | 3.45 -0.24 1.15 | 4.63 -0.19 -0.57 | 5.58 -0.18 -1.96 | 8.11 -0.13 -5.40 | 8.23 -0.12 -5.63 | 8.33 -0.12 -5.81 | 8.10 -0.13 -5.39 | 8.13 -0.13 -5.43 | 5.61 -0.17 -2.04 | 5.65 -0.16 -2.23 | 8.91 -0.10 -6.82 | 8.69 -0.11 -6.40 | 8.60 -0.12 -6.24 | 8.72 -0.10 -6.46 | 7.94 -0.15 -5.00 | 7.49 -0.17 -4.15 | 6.92 -0.17 -3.06 |
| ALCOA___DSASP 323711 | 4.21 -0.23 1.12 | 4.67 -0.23 0.45 | 5.89 -0.22 -1.09 | 5.90 -0.22 -1.12 | 5.95 -0.22 -1.23 | 5.82 -0.22 -1.18 | 7.07 -0.17 -3.49 | 3.45 -0.24 1.15 | 4.63 -0.19 -0.57 | 5.58 -0.18 -1.96 | 8.11 -0.13 -5.40 | 8.23 -0.12 -5.63 | 8.33 -0.12 -5.81 | 8.10 -0.13 -5.39 | 8.13 -0.13 -5.43 | 5.61 -0.17 -2.04 | 5.65 -0.16 -2.23 | 8.91 -0.10 -6.82 | 8.69 -0.11 -6.40 | 8.60 -0.12 -6.24 | 8.72 -0.10 -6.46 | 7.94 -0.15 -5.00 | 7.49 -0.17 -4.15 | 6.92 -0.17 -3.06 |
| ALLEGHENY___COGEN 23514 | 12.31 0.13 -6.61 | 12.13 0.12 -6.67 | 10.58 0.10 -5.48 | 10.38 0.11 -5.28 | 10.76 0.11 -5.71 | 12.08 0.15 -7.06 | 18.89 0.15 -14.99 | 22.63 0.28 -17.51 | 24.06 0.24 -19.57 | 25.04 0.24 -20.99 | 25.60 0.19 -22.57 | 26.72 0.18 -23.81 | 27.83 0.17 -25.03 | 26.43 0.17 -23.41 | 26.16 0.15 -23.19 | 26.90 0.20 -22.96 | 28.28 0.20 -24.49 | 29.20 0.11 -26.91 | 27.34 0.13 -24.82 | 26.83 0.19 -24.17 | 27.57 0.16 -25.04 | 22.68 0.23 -19.37 | 19.82 0.22 -16.09 | 16.00 0.12 -11.84 |
| ALTONA_WT_PWR 323606 | 4.04 -0.17 1.35 | 4.51 -0.15 0.69 | 5.84 -0.13 -0.97 | 5.85 -0.13 -0.99 | 5.90 -0.12 -1.08 | 5.70 -0.14 -0.97 | 6.66 -0.11 -3.03 | 2.79 -0.16 1.89 | 4.14 -0.13 -0.02 | 5.09 -0.12 -1.41 | 7.67 -0.09 -4.92 | 7.77 -0.08 -5.13 | 7.85 -0.08 -5.29 | 7.66 -0.10 -4.91 | 7.67 -0.10 -4.95 | 5.06 -0.14 -1.46 | 5.07 -0.13 -1.61 | 8.14 -0.07 -6.02 | 7.98 -0.07 -5.65 | 7.91 -0.07 -5.50 | 8.01 -0.06 -5.70 | 7.42 -0.08 -4.41 | 7.07 -0.10 -3.66 | 6.64 -0.10 -2.70 |
| AMERICAN_REF_FUEL 24010 | 11.51 -0.27 -6.22 | 11.51 -0.22 -6.39 | 9.99 -0.21 -5.19 | 9.84 -0.21 -5.05 | 10.20 -0.20 -5.47 | 11.51 -0.19 -6.82 | 18.28 -0.21 -14.75 | 21.95 -0.13 -17.24 | 23.22 -0.18 -19.15 | 24.20 -0.15 -20.54 | 30.87 -0.10 -28.13 | 34.42 -0.12 -31.81 | 39.15 -0.12 -36.63 | 38.40 -0.13 -35.69 | 35.30 -0.15 -32.62 | 35.62 -0.20 -32.09 | 35.26 -0.19 -31.86 | 32.75 -0.13 -30.70 | 26.70 -0.11 -24.42 | 26.19 -0.06 -23.78 | 26.91 -0.09 -24.64 | 22.09 -0.06 -19.06 | 19.28 -0.06 -15.83 | 15.47 -0.22 -11.65 |
| ARTHUR_KILL_GT_1 23520 | 20.34 0.65 -14.13 | 17.62 0.61 -11.66 | 16.31 0.52 -10.79 | 15.08 0.56 -9.52 | 15.57 0.56 -10.07 | 16.51 0.56 -11.08 | 22.01 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.60 0.30 -28.82 | 32.55 0.29 -29.89 | 26.95 0.33 -23.53 | 23.13 0.42 -19.20 | 20.33 0.49 -15.80 |
| ARTHUR_KILL_2 23512 | 20.34 0.65 -14.13 | 17.62 0.61 -11.66 | 16.31 0.52 -10.79 | 15.08 0.56 -9.52 | 15.57 0.56 -10.07 | 16.51 0.56 -11.08 | 22.01 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.60 0.30 -28.82 | 32.55 0.29 -29.89 | 26.95 0.33 -23.53 | 23.13 0.42 -19.20 | 20.33 0.49 -15.80 |
| ARTHUR_KILL_3 23513 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.45 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.35 -32.29 | 35.35 0.36 -32.17 | 35.47 0.47 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.52 0.28 -29.88 | 26.98 0.37 -23.52 | 23.13 0.43 -19.19 | 20.35 0.52 -15.79 |
| ARTHUR_KILL_COGEN 323718 | 20.34 0.65 -14.13 | 17.62 0.61 -11.66 | 16.31 0.52 -10.79 | 15.08 0.56 -9.52 | 15.57 0.56 -10.07 | 16.51 0.56 -11.08 | 22.01 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.60 0.30 -28.82 | 32.55 0.29 -29.89 | 26.95 0.33 -23.53 | 23.13 0.42 -19.20 | 20.33 0.49 -15.80 |
| ASHOKAN____ 23654 | 20.48 0.45 -14.46 | 17.64 0.42 -11.87 | 16.40 0.38 -11.01 | 15.07 0.37 -9.70 | 15.57 0.38 -10.25 | 16.45 0.37 -11.21 | 21.87 0.28 -17.84 | 26.05 0.36 -20.84 | 27.83 0.37 -23.21 | 29.00 0.30 -24.90 | 28.86 0.22 -25.81 | 29.83 0.22 -26.88 | 30.60 0.21 -27.75 | 28.82 0.23 -25.74 | 29.02 0.26 -25.93 | 29.77 0.33 -25.71 | 31.70 0.32 -27.80 | 33.89 0.20 -31.50 | 32.19 0.20 -29.60 | 31.47 0.18 -28.82 | 32.41 0.19 -29.86 | 26.42 0.24 -23.10 | 22.96 0.26 -19.19 | 18.48 0.32 -14.12 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.32 -28.18 | 30.40 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.32 -28.18 | 30.40 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT2_1 24094 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT2_2 24095 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |

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|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_3 24096 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT2_4 24097 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT3_1 24098 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT3_2 24099 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT3_3 24100 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT3_4 24101 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT4_1 24102 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT4_2 24103 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT4_3 24104 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT4_4 24105 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT_1 23523 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT_10 24110 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| ASTORIA_GT_11 24225 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| ASTORIA_GT_12 24226 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| ASTORIA_GT_13 24227 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |

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|----------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_5 24106 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT_7 24107 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA_GT_8 24108 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA___2 24149 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA___3 23516 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| ASTORIA___4 23517 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.55 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.20 0.54 -20.82 | 27.98 0.52 -23.20 | 29.67 0.46 -25.41 | 31.54 0.34 -28.35 | 31.88 0.33 -28.82 | 31.14 0.33 -28.18 | 30.41 0.36 -27.20 | 30.27 0.36 -27.08 | 30.40 0.48 -26.18 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.43 -19.19 | 20.26 0.52 -15.70 |
| ASTORIA___5 23518 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| AST_ENERGY_2_CC3 323677 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.22 0.55 -20.83 | 27.97 0.50 -23.21 | 33.47 0.44 -29.23 | 35.65 0.33 -32.47 | 35.95 0.32 -32.90 | 36.07 0.32 -33.12 | 35.47 0.34 -32.28 | 35.34 0.35 -32.16 | 35.46 0.46 -31.26 | 36.07 0.44 -32.04 | 36.08 0.27 -33.62 | 32.54 0.29 -29.86 | 31.58 0.28 -28.81 | 32.52 0.27 -29.88 | 26.95 0.36 -23.50 | 23.13 0.42 -19.19 | 20.26 0.51 -15.71 |
| AST_ENERGY_2_CC4 323678 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.22 0.55 -20.83 | 27.97 0.50 -23.21 | 33.47 0.44 -29.23 | 35.65 0.33 -32.47 | 35.95 0.32 -32.90 | 36.07 0.32 -33.12 | 35.47 0.34 -32.28 | 35.34 0.35 -32.16 | 35.46 0.46 -31.26 | 36.07 0.44 -32.04 | 36.08 0.27 -33.62 | 32.54 0.29 -29.86 | 31.58 0.28 -28.81 | 32.52 0.27 -29.88 | 26.95 0.36 -23.50 | 23.13 0.42 -19.19 | 20.26 0.51 -15.71 |
| ATHENS_STG_1 23668 | 20.55 0.38 -14.61 | 17.67 0.36 -11.96 | 16.46 0.34 -11.12 | 15.11 0.34 -9.78 | 15.61 0.34 -10.33 | 16.48 0.33 -11.29 | 21.85 0.25 -17.86 | 26.02 0.31 -20.87 | 27.76 0.27 -23.24 | 28.97 0.23 -24.93 | 28.86 0.18 -25.84 | 29.82 0.17 -26.92 | 30.59 0.17 -27.79 | 28.80 0.18 -25.77 | 28.98 0.19 -25.97 | 29.73 0.25 -25.74 | 31.66 0.23 -27.84 | 33.88 0.14 -31.55 | 32.19 0.15 -29.64 | 31.49 0.15 -28.86 | 32.41 0.14 -29.90 | 26.41 0.19 -23.13 | 22.95 0.22 -19.22 | 18.46 0.28 -14.14 |
| ATHENS_STG_2 23670 | 20.55 0.38 -14.61 | 17.67 0.36 -11.96 | 16.46 0.34 -11.12 | 15.11 0.34 -9.78 | 15.61 0.34 -10.33 | 16.48 0.33 -11.29 | 21.85 0.25 -17.86 | 26.02 0.31 -20.87 | 27.76 0.27 -23.24 | 28.97 0.23 -24.93 | 28.86 0.18 -25.84 | 29.82 0.17 -26.92 | 30.59 0.17 -27.79 | 28.80 0.18 -25.77 | 28.98 0.19 -25.97 | 29.73 0.25 -25.74 | 31.66 0.23 -27.84 | 33.88 0.14 -31.55 | 32.19 0.15 -29.64 | 31.49 0.15 -28.86 | 32.41 0.14 -29.90 | 26.41 0.19 -23.13 | 22.95 0.22 -19.22 | 18.46 0.28 -14.14 |
| ATHENS_STG_3 23677 | 20.55 0.38 -14.61 | 17.67 0.36 -11.96 | 16.46 0.34 -11.12 | 15.11 0.34 -9.78 | 15.61 0.34 -10.33 | 16.48 0.33 -11.29 | 21.85 0.25 -17.86 | 26.02 0.31 -20.87 | 27.76 0.27 -23.24 | 28.97 0.23 -24.93 | 28.86 0.18 -25.84 | 29.82 0.17 -26.92 | 30.59 0.17 -27.79 | 28.80 0.18 -25.77 | 28.98 0.19 -25.97 | 29.73 0.25 -25.74 | 31.66 0.23 -27.84 | 33.88 0.14 -31.55 | 32.19 0.15 -29.64 | 31.49 0.15 -28.86 | 32.41 0.14 -29.90 | 26.41 0.19 -23.13 | 22.95 0.22 -19.22 | 18.46 0.28 -14.14 |
| AUBURN___LFGE 323710 | 11.71 0.07 -6.08 | 11.68 0.06 -6.27 | 10.14 0.05 -5.08 | 10.00 0.06 -4.95 | 10.37 0.06 -5.36 | 11.65 0.07 -6.71 | 18.37 0.07 -14.55 | 21.98 0.14 -16.99 | 23.22 0.11 -18.85 | 24.15 0.11 -20.23 | 23.89 0.09 -20.97 | 24.65 0.08 -21.84 | 25.26 0.08 -22.55 | 23.84 0.08 -20.91 | 23.95 0.07 -21.06 | 24.70 0.09 -20.88 | 26.26 0.10 -22.57 | 27.89 0.06 -25.65 | 26.55 0.07 -24.09 | 26.03 0.09 -23.46 | 26.75 0.08 -24.30 | 22.00 0.11 -18.80 | 19.24 0.11 -15.62 | 15.60 0.06 -11.49 |
| BABYLON_RES_REC 323704 | 20.42 0.73 -14.12 | 18.04 0.70 -12.00 | 16.43 0.62 -10.80 | 15.13 0.62 -9.52 | 15.63 0.61 -10.07 | 16.57 0.62 -11.08 | 22.07 0.50 -17.82 | 28.40 0.64 -22.91 | 31.12 0.57 -26.28 | 36.23 0.51 -31.92 | 35.03 0.34 -31.85 | 35.96 0.33 -32.90 | 35.35 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.79 0.40 -31.29 | 29.35 0.48 -25.35 | 23.18 0.58 -18.56 |
| BARRETT_IC_1 23704 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |

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|----------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_10 23701 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_11 23702 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_12 23703 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_2 23705 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_3 23706 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_4 23707 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_5 23708 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_6 23709 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_7 23710 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_8 23711 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT_IC_9 23700 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT___1 23545 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BARRETT___2 23546 | 20.36 0.68 -14.12 | 18.00 0.66 -12.00 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.53 0.57 -11.08 | 22.03 0.47 -17.82 | 28.41 0.60 -22.96 | 31.16 0.54 -26.37 | 36.20 0.47 -31.93 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.29 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.47 0.45 -25.51 | 23.25 0.55 -18.66 |
| BAYONEEC___CTG1 323682 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG10 323750 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| BAYONEEC___CTG2 323683 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG3 323684 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG4 323685 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG5 323686 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG6 323687 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG7 323688 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG8 323689 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BAYONEEC___CTG9 323749 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.36 -32.29 | 35.35 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| BEACON___LESR 323632 | 21.59 0.35 -15.68 | 18.30 0.34 -12.62 | 17.11 0.31 -11.79 | 15.60 0.31 -10.30 | 16.11 0.31 -10.86 | 16.91 0.31 -11.73 | 21.83 0.19 -17.90 | 26.15 0.22 -21.09 | 27.87 0.20 -23.41 | 29.04 0.17 -25.07 | 28.83 0.13 -25.87 | 29.79 0.11 -26.94 | 30.56 0.11 -27.82 | 28.77 0.12 -25.80 | 28.94 0.12 -25.99 | 29.80 0.17 -25.89 | 31.73 0.16 -27.99 | 33.87 0.10 -31.58 | 32.17 0.11 -29.67 | 31.47 0.10 -28.89 | 32.39 0.10 -29.93 | 26.37 0.12 -23.15 | 22.91 0.16 -19.24 | 18.44 0.24 -14.15 |
| BEAVER RIVER___HYD 24048 | 9.14 -0.07 -3.65 | 9.54 -0.11 -4.31 | 8.65 -0.11 -3.75 | 8.66 -0.11 -3.78 | 8.96 -0.11 -4.13 | 10.03 -0.09 -5.24 | 16.06 -0.05 -12.36 | 17.73 -0.05 -12.94 | 19.48 -0.05 -15.27 | 20.52 -0.03 -16.75 | 21.07 -0.03 -18.26 | 21.73 -0.02 -19.02 | 22.27 -0.01 -19.64 | 21.05 -0.01 -18.21 | 21.15 -0.04 -18.37 | 21.00 -0.05 -17.31 | 22.27 -0.04 -18.73 | 24.18 -0.03 -22.02 | 23.06 -0.02 -20.69 | 22.62 0.00 -20.14 | 23.23 0.00 -20.87 | 19.23 -0.01 -16.14 | 16.88 -0.04 -13.41 | 13.83 -0.08 -9.87 |
| BEEBEE_GT_13 23619 | 11.38 -0.12 -5.94 | 11.43 -0.11 -6.19 | 9.89 -0.11 -4.99 | 9.77 -0.11 -4.88 | 10.14 -0.10 -5.29 | 11.45 -0.07 -6.66 | 18.27 -0.06 -14.58 | 21.89 0.01 -17.03 | 23.13 -0.03 -18.90 | 24.07 -0.01 -20.28 | 23.86 0.00 -21.02 | 24.62 0.00 -21.90 | 25.23 -0.01 -22.60 | 23.79 -0.02 -20.96 | 23.91 -0.03 -21.11 | 24.63 -0.04 -20.93 | 26.18 -0.04 -22.63 | 27.85 -0.03 -25.70 | 26.52 -0.02 -24.14 | 26.01 0.02 -23.50 | 26.72 0.00 -24.35 | 21.96 0.03 -18.84 | 19.18 0.02 -15.65 | 15.47 -0.09 -11.52 |
| BETHLEHEM___GRP 23843 | 21.58 0.31 -15.71 | 18.28 0.29 -12.64 | 17.09 0.28 -11.81 | 15.58 0.27 -10.31 | 16.09 0.27 -10.87 | 16.89 0.27 -11.74 | 21.79 0.14 -17.90 | 26.08 0.15 -21.09 | 27.81 0.14 -23.42 | 28.99 0.12 -25.07 | 28.80 0.09 -25.87 | 29.76 0.08 -26.95 | 30.53 0.08 -27.82 | 28.74 0.09 -25.80 | 28.91 0.09 -26.00 | 29.75 0.13 -25.89 | 31.69 0.11 -27.99 | 33.85 0.08 -31.58 | 32.14 0.08 -29.67 | 31.44 0.07 -28.89 | 32.37 0.07 -29.93 | 26.33 0.08 -23.15 | 22.87 0.12 -19.24 | 18.39 0.19 -14.16 |
| BETHLEHEM___GS1 323560 | 21.58 0.31 -15.71 | 18.28 0.29 -12.64 | 17.09 0.28 -11.81 | 15.58 0.27 -10.31 | 16.09 0.27 -10.87 | 16.89 0.27 -11.74 | 21.79 0.14 -17.90 | 26.08 0.15 -21.09 | 27.81 0.14 -23.42 | 28.99 0.12 -25.07 | 28.80 0.09 -25.87 | 29.76 0.08 -26.95 | 30.53 0.08 -27.82 | 28.74 0.09 -25.80 | 28.91 0.09 -26.00 | 29.75 0.13 -25.89 | 31.69 0.11 -27.99 | 33.85 0.08 -31.58 | 32.14 0.08 -29.67 | 31.44 0.07 -28.89 | 32.37 0.07 -29.93 | 26.33 0.08 -23.15 | 22.87 0.12 -19.24 | 18.39 0.19 -14.16 |
| BETHLEHEM___GS2 323561 | 21.58 0.31 -15.71 | 18.28 0.29 -12.64 | 17.09 0.28 -11.81 | 15.58 0.27 -10.31 | 16.09 0.27 -10.87 | 16.89 0.27 -11.74 | 21.79 0.14 -17.90 | 26.08 0.15 -21.09 | 27.81 0.14 -23.42 | 28.99 0.12 -25.07 | 28.80 0.09 -25.87 | 29.76 0.08 -26.95 | 30.53 0.08 -27.82 | 28.74 0.09 -25.80 | 28.91 0.09 -26.00 | 29.75 0.13 -25.89 | 31.69 0.11 -27.99 | 33.85 0.08 -31.58 | 32.14 0.08 -29.67 | 31.44 0.07 -28.89 | 32.37 0.07 -29.93 | 26.33 0.08 -23.15 | 22.87 0.12 -19.24 | 18.39 0.19 -14.16 |
| BETHLEHEM___GS3 323562 | 21.58 0.31 -15.71 | 18.28 0.29 -12.64 | 17.09 0.28 -11.81 | 15.58 0.27 -10.31 | 16.09 0.27 -10.87 | 16.89 0.27 -11.74 | 21.79 0.14 -17.90 | 26.08 0.15 -21.09 | 27.81 0.14 -23.42 | 28.99 0.12 -25.07 | 28.80 0.09 -25.87 | 29.76 0.08 -26.95 | 30.53 0.08 -27.82 | 28.74 0.09 -25.80 | 28.91 0.09 -26.00 | 29.75 0.13 -25.89 | 31.69 0.11 -27.99 | 33.85 0.08 -31.58 | 32.14 0.08 -29.67 | 31.44 0.07 -28.89 | 32.37 0.07 -29.93 | 26.33 0.08 -23.15 | 22.87 0.12 -19.24 | 18.39 0.19 -14.16 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|
| BETHLEHEM___STEEL 23779 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.07 -5.26 | 10.04 -0.05 -5.10 | 10.41 -0.06 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.08 -14.81 | 22.22 0.08 -17.30 | 23.50 0.02 -19.23 | 24.46 0.03 -20.63 | 33.34 0.04 -30.46 | 37.81 0.02 -35.07 | 43.88 0.01 -41.23 | 43.37 0.01 -40.52 | 39.21 -0.01 -36.40 | 39.47 -0.02 -35.75 | 38.47 -0.01 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.02 -24.73 | 22.30 0.08 -19.13 | 19.49 0.09 -15.89 | 15.65 -0.08 -11.69 |
| BETHPAGE_CC_5 323564 | 20.41 0.73 -14.12 | 18.03 0.69 -11.99 | 16.42 0.62 -10.80 | 15.13 0.61 -9.52 | 15.62 0.61 -10.07 | 16.57 0.61 -11.08 | 22.06 0.50 -17.82 | 28.37 0.63 -22.89 | 31.08 0.57 -26.25 | 36.22 0.50 -31.92 | 35.05 0.37 -31.85 | 35.98 0.35 -32.90 | 35.37 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.38 -30.17 | 35.23 0.50 -30.99 | 38.98 0.48 -34.91 | 39.11 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.78 0.40 -31.29 | 29.27 0.48 -25.29 | 23.13 0.57 -18.52 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 11.80 -0.07 -6.31 | 11.77 -0.04 -6.46 | 10.22 -0.05 -5.26 | 10.06 -0.03 -5.10 | 10.43 -0.04 -5.52 | 11.73 -0.02 -6.88 | 18.49 -0.06 -14.81 | 22.25 0.11 -17.30 | 23.53 0.05 -19.23 | 24.49 0.06 -20.63 | 33.37 0.07 -30.46 | 37.84 0.04 -35.07 | 43.91 0.03 -41.24 | 43.40 0.03 -40.52 | 39.24 0.01 -36.41 | 39.49 0.01 -35.75 | 38.50 0.02 -34.90 | 34.51 -0.01 -32.33 | 26.93 0.02 -24.51 | 26.42 0.07 -23.87 | 27.13 0.04 -24.73 | 22.32 0.11 -19.13 | 19.51 0.11 -15.89 | 15.67 -0.06 -11.69 |
| BINGHAMTON___COGEN 23790 | 13.79 0.16 -8.07 | 13.19 0.14 -7.70 | 11.67 0.14 -6.52 | 11.28 0.14 -6.15 | 11.69 0.14 -6.61 | 12.95 0.15 -7.93 | 19.76 0.12 -15.89 | 23.61 0.20 -18.57 | 25.16 0.17 -20.73 | 26.21 0.16 -22.24 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.51 0.11 -25.76 | 26.98 0.12 -24.01 | 26.89 0.11 -23.96 | 27.62 0.15 -23.73 | 29.20 0.15 -25.46 | 30.67 0.08 -28.40 | 28.87 0.10 -26.38 | 28.28 0.12 -25.68 | 29.08 0.10 -26.61 | 23.82 0.15 -20.58 | 20.77 0.15 -17.10 | 16.75 0.13 -12.58 |
| BLACK RIVER___HYD 24047 | 9.71 -0.04 -4.19 | 10.01 -0.09 -4.75 | 8.93 -0.09 -4.01 | 8.91 -0.10 -4.01 | 9.22 -0.09 -4.37 | 10.36 -0.06 -5.55 | 16.56 -0.02 -12.84 | 18.79 -0.01 -13.96 | 20.38 -0.01 -16.13 | 21.36 0.00 -17.56 | 21.66 -0.01 -18.82 | 22.35 0.01 -19.61 | 22.90 0.02 -20.24 | 21.64 0.02 -18.77 | 21.76 -0.01 -18.95 | 21.88 -0.01 -18.16 | 23.23 0.00 -19.64 | 25.02 -0.01 -22.85 | 23.86 0.00 -21.46 | 23.40 0.02 -20.90 | 24.04 0.02 -21.65 | 19.86 0.02 -16.75 | 17.41 -0.01 -13.92 | 14.22 -0.06 -10.24 |
| BLISS_WT_PWR 323608 | 12.10 0.06 -6.48 | 12.01 0.08 -6.58 | 10.45 0.06 -5.38 | 10.27 0.08 -5.20 | 10.65 0.07 -5.63 | 11.95 0.10 -6.98 | 18.71 0.05 -14.92 | 22.52 0.25 -17.43 | 23.82 0.18 -19.38 | 24.77 0.18 -20.79 | 31.72 0.15 -28.73 | 35.41 0.12 -32.56 | 40.34 0.11 -37.60 | 39.63 0.11 -36.67 | 36.36 0.09 -33.45 | 36.75 0.12 -32.89 | 36.31 0.13 -32.59 | 33.43 0.06 -31.19 | 27.16 0.09 -24.68 | 26.65 0.14 -24.03 | 27.37 0.11 -24.90 | 22.54 0.19 -19.26 | 19.71 0.20 -16.00 | 15.86 0.04 -11.78 |
| BLUE_CIRC_CHEM_DRP 24182 | 21.47 0.32 -15.59 | 18.22 0.31 -12.57 | 17.04 0.29 -11.74 | 15.54 0.29 -10.25 | 16.04 0.29 -10.81 | 16.85 0.28 -11.69 | 21.83 0.19 -17.90 | 26.13 0.22 -21.07 | 27.86 0.20 -23.40 | 29.04 0.17 -25.07 | 28.84 0.13 -25.87 | 29.80 0.12 -26.95 | 30.58 0.12 -27.82 | 28.78 0.13 -25.80 | 28.96 0.14 -26.00 | 29.80 0.18 -25.88 | 31.74 0.17 -27.98 | 33.88 0.11 -31.59 | 32.18 0.11 -29.68 | 31.48 0.11 -28.89 | 32.41 0.10 -29.94 | 26.38 0.13 -23.16 | 22.92 0.17 -19.24 | 18.42 0.23 -14.16 |
| BOC_GAS_DRP 24189 | 21.54 0.30 -15.68 | 18.25 0.29 -12.62 | 17.08 0.28 -11.79 | 15.57 0.27 -10.30 | 16.07 0.27 -10.86 | 16.87 0.26 -11.73 | 21.83 0.18 -17.90 | 26.14 0.21 -21.08 | 27.87 0.20 -23.41 | 29.05 0.17 -25.07 | 28.85 0.13 -25.88 | 29.81 0.12 -26.96 | 30.59 0.12 -27.84 | 28.80 0.13 -25.81 | 28.97 0.14 -26.01 | 29.81 0.18 -25.89 | 31.75 0.17 -27.99 | 33.90 0.11 -31.60 | 32.19 0.11 -29.69 | 31.49 0.11 -28.91 | 32.42 0.10 -29.95 | 26.39 0.13 -23.17 | 22.92 0.16 -19.25 | 18.42 0.21 -14.16 |
| BORALEX_4TH_BRANCH 23824 | 21.77 0.37 -15.84 | 18.43 0.36 -12.72 | 17.23 0.33 -11.89 | 15.69 0.32 -10.37 | 16.20 0.32 -10.93 | 17.01 0.35 -11.79 | 21.90 0.26 -17.90 | 26.25 0.29 -21.12 | 27.93 0.23 -23.44 | 29.09 0.20 -25.09 | 28.85 0.15 -25.86 | 29.80 0.13 -26.94 | 30.57 0.12 -27.81 | 28.78 0.14 -25.79 | 28.95 0.14 -25.98 | 29.84 0.20 -25.90 | 31.78 0.19 -28.01 | 33.89 0.13 -31.57 | 32.18 0.13 -29.66 | 31.48 0.13 -28.88 | 32.41 0.12 -29.92 | 26.39 0.15 -23.15 | 22.96 0.22 -19.23 | 18.53 0.34 -14.15 |
| BOWLINE___1 23526 | 20.09 0.54 -13.98 | 17.43 0.51 -11.58 | 16.11 0.44 -10.67 | 14.89 0.45 -9.45 | 15.38 0.45 -10.00 | 16.25 0.44 -10.93 | 21.91 0.36 -17.81 | 26.10 0.46 -20.80 | 27.84 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.83 0.28 -26.83 | 30.60 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.87 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.01 0.35 -19.15 | 18.56 0.42 -14.09 |
| BOWLINE___2 23595 | 20.09 0.54 -13.98 | 17.43 0.51 -11.58 | 16.11 0.44 -10.67 | 14.89 0.45 -9.45 | 15.38 0.45 -10.00 | 16.25 0.44 -10.93 | 21.91 0.36 -17.81 | 26.10 0.46 -20.80 | 27.85 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.83 0.28 -26.83 | 30.60 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.87 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.01 0.35 -19.15 | 18.56 0.42 -14.09 |
| BROOKHAVEN___DRP 24191 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.64 0.63 -10.07 | 16.57 0.62 -11.08 | 22.04 0.48 -17.82 | 28.40 0.61 -22.95 | 31.14 0.55 -26.33 | 36.20 0.48 -31.92 | 35.05 0.36 -31.85 | 35.97 0.35 -32.90 | 35.37 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.21 0.49 -30.99 | 38.96 0.46 -34.91 | 39.10 0.29 -36.63 | 37.41 0.32 -34.70 | 33.70 0.31 -30.91 | 39.01 0.31 -36.34 | 34.78 0.39 -31.29 | 29.43 0.46 -25.46 | 23.24 0.57 -18.63 |
| BROOKLYN_NAVY_YARD 23515 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.97 0.50 -23.21 | 29.66 0.44 -25.42 | 31.54 0.33 -28.36 | 31.88 0.32 -28.83 | 31.14 0.32 -28.19 | 30.40 0.35 -27.21 | 30.27 0.35 -27.09 | 30.39 0.47 -26.19 | 32.35 0.45 -28.32 | 34.29 0.27 -31.83 | 32.54 0.29 -29.86 | 31.58 0.29 -28.81 | 32.52 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.26 0.51 -15.71 |
| BROOKLYN___ARMY_DRP 323595 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| BROOME_2_LFGE 323671 | 13.79 0.16 -8.07 | 13.19 0.14 -7.70 | 11.67 0.14 -6.52 | 11.28 0.14 -6.15 | 11.69 0.14 -6.61 | 12.95 0.15 -7.93 | 19.76 0.12 -15.89 | 23.61 0.20 -18.57 | 25.16 0.17 -20.73 | 26.21 0.16 -22.24 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.51 0.11 -25.76 | 26.98 0.12 -24.01 | 26.89 0.11 -23.96 | 27.62 0.15 -23.73 | 29.20 0.15 -25.46 | 30.67 0.08 -28.40 | 28.87 0.10 -26.38 | 28.28 0.12 -25.68 | 29.08 0.10 -26.61 | 23.82 0.15 -20.58 | 20.77 0.15 -17.10 | 16.75 0.13 -12.58 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|
| BROOME___LFGE 323600 | 13.79 0.16 -8.07 | 13.19 0.14 -7.70 | 11.67 0.14 -6.52 | 11.28 0.14 -6.15 | 11.69 0.14 -6.61 | 12.95 0.15 -7.93 | 19.76 0.12 -15.89 | 23.61 0.20 -18.57 | 25.16 0.17 -20.73 | 26.21 0.16 -22.24 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.51 0.11 -25.76 | 26.98 0.12 -24.01 | 26.89 0.11 -23.96 | 27.62 0.15 -23.73 | 29.20 0.15 -25.46 | 30.67 0.08 -28.40 | 28.87 0.10 -26.38 | 28.28 0.12 -25.68 | 29.08 0.10 -26.61 | 23.82 0.15 -20.58 | 20.77 0.15 -17.10 | 16.75 0.13 -12.58 |
| BURROWS___LYONSDAL 23803 | 10.42 0.05 -4.81 | 10.92 0.02 -5.56 | 9.47 0.02 -4.44 | 9.51 0.01 -4.51 | 9.87 0.00 -4.93 | 11.29 0.02 -6.39 | 18.85 0.04 -15.06 | 21.88 0.06 -16.97 | 23.58 0.06 -19.27 | 24.68 0.06 -20.82 | 24.83 0.04 -21.95 | 25.64 0.04 -22.87 | 26.30 0.05 -23.61 | 24.79 0.05 -21.89 | 24.92 0.03 -22.07 | 25.28 0.04 -21.50 | 26.89 0.05 -23.26 | 28.87 0.02 -26.66 | 27.47 0.04 -25.05 | 26.92 0.05 -24.38 | 27.68 0.05 -25.27 | 22.69 0.06 -19.54 | 19.78 0.04 -16.24 | 16.01 0.02 -11.95 |
| CAITHNESS_CC_1 323624 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.64 -10.80 | 15.16 0.64 -9.52 | 15.64 0.62 -10.07 | 16.57 0.61 -11.08 | 22.05 0.48 -17.82 | 28.40 0.61 -22.95 | 31.14 0.55 -26.33 | 36.21 0.48 -31.92 | 35.05 0.36 -31.85 | 35.97 0.35 -32.90 | 35.37 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.21 0.49 -30.99 | 38.96 0.46 -34.91 | 39.10 0.29 -36.63 | 37.41 0.32 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.78 0.39 -31.29 | 29.43 0.46 -25.46 | 23.24 0.57 -18.63 |
| CALPINE BETH_PAGE_GT4 24209 | 20.43 0.75 -14.12 | 18.04 0.71 -11.99 | 16.44 0.63 -10.80 | 15.15 0.63 -9.52 | 15.64 0.63 -10.07 | 16.58 0.63 -11.08 | 22.07 0.51 -17.82 | 28.35 0.64 -22.86 | 31.05 0.57 -26.22 | 36.23 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.99 0.49 -34.91 | 39.12 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.21 0.49 -25.21 | 23.10 0.59 -18.47 |
| CALPINE_BETH_PAGE_GT_4 323586 | 20.43 0.75 -14.12 | 18.04 0.71 -11.99 | 16.44 0.63 -10.80 | 15.15 0.63 -9.52 | 15.64 0.63 -10.07 | 16.58 0.63 -11.08 | 22.07 0.51 -17.82 | 28.35 0.64 -22.86 | 31.05 0.57 -26.22 | 36.23 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.99 0.49 -34.91 | 39.12 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.21 0.49 -25.21 | 23.10 0.59 -18.47 |
| CALPINE_BP_GT1 23823 | 20.43 0.75 -14.12 | 18.04 0.71 -11.99 | 16.44 0.63 -10.80 | 15.15 0.63 -9.52 | 15.64 0.63 -10.07 | 16.58 0.63 -11.08 | 22.07 0.51 -17.82 | 28.35 0.64 -22.86 | 31.05 0.57 -26.22 | 36.23 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.99 0.49 -34.91 | 39.12 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.21 0.49 -25.21 | 23.10 0.59 -18.47 |
| CALSPAN___DRP 24200 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.07 -5.26 | 10.04 -0.05 -5.10 | 10.41 -0.06 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.08 -14.81 | 22.22 0.08 -17.30 | 23.50 0.02 -19.23 | 24.46 0.03 -20.63 | 33.34 0.04 -30.46 | 37.81 0.02 -35.07 | 43.88 0.01 -41.23 | 43.37 0.01 -40.52 | 39.21 -0.01 -36.40 | 39.47 -0.02 -35.75 | 38.47 -0.01 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.02 -24.73 | 22.30 0.08 -19.13 | 19.49 0.09 -15.89 | 15.65 -0.08 -11.69 |
| CANDIGU_WT_PWR 323617 | 13.00 0.21 -7.23 | 12.64 0.19 -7.11 | 11.10 0.18 -5.92 | 10.82 0.18 -5.65 | 11.22 0.18 -6.09 | 12.50 0.20 -7.43 | 19.28 0.16 -15.37 | 23.09 0.29 -17.95 | 24.63 0.28 -20.10 | 25.64 0.27 -21.57 | 26.49 0.21 -23.45 | 27.75 0.19 -24.83 | 29.05 0.18 -26.23 | 27.64 0.19 -24.60 | 27.25 0.18 -24.25 | 27.97 0.23 -24.00 | 29.33 0.24 -25.50 | 30.04 0.12 -27.74 | 27.98 0.14 -25.45 | 27.43 0.18 -24.78 | 28.19 0.16 -25.67 | 23.17 0.23 -19.86 | 20.24 0.24 -16.50 | 16.35 0.17 -12.14 |
| CARR STREET_E_SYR 24060 | 11.20 -0.02 -5.66 | 11.33 -0.02 -6.00 | 9.78 -0.02 -4.79 | 9.69 -0.02 -4.72 | 10.05 -0.01 -5.13 | 11.36 -0.01 -6.50 | 18.20 0.01 -14.45 | 21.77 0.04 -16.88 | 23.07 0.03 -18.77 | 23.99 0.05 -20.14 | 23.75 0.03 -20.88 | 24.51 0.04 -21.75 | 25.12 0.03 -22.45 | 23.70 0.03 -20.82 | 23.80 0.03 -20.95 | 24.53 0.03 -20.76 | 26.07 0.03 -22.45 | 27.57 0.01 -25.37 | 26.24 0.02 -23.83 | 25.71 0.03 -23.20 | 26.43 0.03 -24.04 | 21.73 0.04 -18.60 | 18.99 0.03 -15.45 | 15.40 -0.01 -11.37 |
| CARTHAGE___PAPER 23857 | 9.55 -0.06 -4.04 | 9.88 -0.10 -4.63 | 8.85 -0.10 -3.94 | 8.84 -0.11 -3.95 | 9.14 -0.10 -4.30 | 10.26 -0.08 -5.46 | 16.41 -0.03 -12.70 | 18.49 -0.03 -13.68 | 20.12 -0.03 -15.89 | 21.12 -0.01 -17.33 | 21.49 -0.02 -18.67 | 22.17 0.00 -19.44 | 22.72 0.01 -20.07 | 21.47 0.00 -18.62 | 21.58 -0.02 -18.78 | 21.63 -0.03 -17.92 | 22.95 -0.02 -19.39 | 24.78 -0.02 -22.61 | 23.63 -0.01 -21.25 | 23.18 0.01 -20.69 | 23.81 0.01 -21.43 | 19.68 0.01 -16.58 | 17.26 -0.03 -13.78 | 14.11 -0.07 -10.14 |
| CE_DUNWOOD___DRP 24194 | 20.25 0.58 -14.11 | 17.55 0.55 -11.66 | 16.29 0.50 -10.79 | 14.99 0.48 -9.51 | 15.49 0.48 -10.06 | 16.45 0.49 -11.09 | 21.95 0.39 -17.82 | 26.18 0.50 -20.83 | 27.91 0.46 -23.19 | 29.23 0.41 -25.02 | 29.15 0.31 -26.00 | 30.08 0.30 -27.06 | 30.84 0.30 -27.91 | 29.10 0.32 -25.93 | 29.27 0.33 -26.11 | 30.04 0.44 -25.87 | 31.92 0.42 -27.91 | 33.99 0.26 -31.55 | 32.25 0.27 -29.59 | 31.54 0.26 -28.80 | 32.46 0.25 -29.84 | 26.51 0.32 -23.09 | 23.08 0.39 -19.18 | 18.67 0.47 -14.16 |
| CE_MILLWOOD___DRP 24193 | 20.21 0.56 -14.09 | 17.52 0.53 -11.65 | 16.22 0.47 -10.75 | 14.96 0.46 -9.50 | 15.46 0.46 -10.05 | 16.41 0.47 -11.07 | 21.94 0.38 -17.82 | 26.15 0.48 -20.83 | 27.89 0.45 -23.19 | 29.18 0.39 -24.99 | 29.09 0.30 -25.96 | 30.03 0.29 -27.02 | 30.79 0.28 -27.87 | 29.04 0.31 -25.88 | 29.21 0.32 -26.07 | 29.98 0.41 -25.83 | 31.87 0.40 -27.89 | 33.97 0.24 -31.53 | 32.23 0.26 -29.58 | 31.52 0.25 -28.80 | 32.44 0.24 -29.84 | 26.49 0.31 -23.09 | 23.05 0.37 -19.18 | 18.64 0.45 -14.15 |
| CE_NYC2_DRP 24202 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.44 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.86 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.67 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.54 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.52 -16.00 |
| CE_NYC_DRP 24195 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.35 0.55 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 33.28 0.46 -29.02 | 35.33 0.35 -32.14 | 35.67 0.34 -32.60 | 35.82 0.33 -32.85 | 35.17 0.36 -31.96 | 35.05 0.37 -31.86 | 35.20 0.48 -30.98 | 35.88 0.46 -31.83 | 35.98 0.28 -33.51 | 32.53 0.30 -29.84 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.94 0.37 -23.48 | 23.14 0.43 -19.19 | 20.19 0.52 -15.63 |
| CHAFFEE___LFGE 323603 | 11.90 -0.06 -6.39 | 11.84 -0.03 -6.52 | 10.30 -0.03 -5.32 | 10.12 -0.02 -5.15 | 10.49 -0.02 -5.57 | 11.79 -0.01 -6.93 | 18.56 -0.04 -14.86 | 22.34 0.13 -17.36 | 23.62 0.07 -19.30 | 24.58 0.08 -20.71 | 32.53 0.08 -29.62 | 36.63 0.05 -33.85 | 42.14 0.04 -39.47 | 41.53 0.04 -38.65 | 37.81 0.02 -34.97 | 38.12 0.02 -34.36 | 37.40 0.04 -33.77 | 33.97 0.00 -31.78 | 27.02 0.03 -24.60 | 26.51 0.08 -23.95 | 27.23 0.05 -24.81 | 22.40 0.12 -19.19 | 19.58 0.12 -15.95 | 15.73 -0.05 -11.73 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CHATEAUG_WT_PWR 323614 | 4.02 -0.18 1.36 | 4.49 -0.17 0.69 | 5.82 -0.15 -0.96 | 5.84 -0.15 -0.99 | 5.88 -0.14 -1.08 | 5.68 -0.16 -0.96 | 6.64 -0.12 -3.02 | 2.76 -0.17 1.91 | 4.11 -0.14 0.00 | 5.06 -0.13 -1.39 | 7.65 -0.10 -4.90 | 7.75 -0.09 -5.11 | 7.82 -0.09 -5.27 | 7.63 -0.11 -4.89 | 7.65 -0.11 -4.93 | 5.04 -0.15 -1.45 | 5.04 -0.13 -1.59 | 8.11 -0.07 -6.00 | 7.95 -0.07 -5.64 | 7.89 -0.08 -5.49 | 7.98 -0.07 -5.69 | 7.39 -0.10 -4.40 | 7.05 -0.12 -3.65 | 6.62 -0.11 -2.69 |
| CHAT_HIGH_FALL_HYD 323578 | 4.13 -0.20 1.23 | 4.60 -0.18 0.56 | 5.88 -0.16 -1.03 | 5.89 -0.16 -1.06 | 5.94 -0.16 -1.16 | 5.78 -0.17 -1.08 | 6.89 -0.13 -3.27 | 3.15 -0.19 1.50 | 4.58 -0.16 -0.49 | 5.53 -0.15 -1.88 | 8.06 -0.11 -5.33 | 8.18 -0.10 -5.55 | 8.27 -0.10 -5.73 | 8.05 -0.12 -5.32 | 8.07 -0.12 -5.36 | 5.53 -0.16 -1.95 | 5.58 -0.15 -2.14 | 8.55 -0.08 -6.44 | 8.36 -0.08 -6.05 | 8.28 -0.09 -5.89 | 8.40 -0.07 -6.10 | 7.71 -0.11 -4.72 | 7.31 -0.13 -3.92 | 6.80 -0.13 -2.89 |
| CHAUTAUQUA___LFGE 323629 | 11.87 -0.04 -6.35 | 11.82 -0.01 -6.48 | 10.27 -0.02 -5.28 | 10.11 -0.01 -5.12 | 10.47 -0.01 -5.55 | 11.78 0.01 -6.90 | 18.55 -0.03 -14.83 | 22.34 0.16 -17.33 | 23.61 0.10 -19.26 | 24.57 0.11 -20.66 | 33.65 0.10 -30.70 | 38.20 0.07 -35.40 | 44.40 0.06 -41.70 | 43.91 0.06 -41.00 | 39.65 0.04 -36.78 | 39.90 0.05 -36.12 | 38.85 0.05 -35.21 | 34.72 0.02 -32.51 | 26.98 0.04 -24.55 | 26.48 0.10 -23.90 | 27.19 0.06 -24.77 | 22.38 0.13 -19.16 | 19.57 0.14 -15.92 | 15.72 -0.04 -11.71 |
| CH_MIDHUDSON___DRP 24192 | 20.56 0.56 -14.44 | 17.73 0.53 -11.86 | 16.48 0.48 -11.00 | 15.15 0.47 -9.69 | 15.65 0.47 -10.24 | 16.55 0.47 -11.21 | 21.96 0.37 -17.84 | 26.17 0.48 -20.84 | 27.91 0.45 -23.21 | 29.09 0.39 -24.90 | 28.94 0.29 -25.81 | 29.89 0.28 -26.88 | 30.67 0.28 -27.75 | 28.89 0.30 -25.74 | 29.07 0.32 -25.93 | 29.86 0.41 -25.71 | 31.78 0.39 -27.80 | 33.93 0.24 -31.50 | 32.25 0.26 -29.60 | 31.54 0.25 -28.82 | 32.46 0.24 -29.86 | 26.50 0.31 -23.10 | 23.07 0.37 -19.19 | 18.60 0.44 -14.12 |
| CH_MISC_IPPS 23765 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| CH_RES_BVR_FALLS 23983 | 10.59 -0.01 -5.04 | 10.91 -0.02 -5.58 | 8.36 -0.02 -3.37 | 8.48 -0.02 -3.51 | 8.77 -0.03 -3.86 | 10.27 -0.03 -5.43 | 16.60 -0.03 -12.89 | 22.73 -0.04 -17.93 | 22.99 -0.03 -18.76 | 23.17 -0.03 -19.40 | 21.11 -0.03 -18.30 | 21.76 -0.03 -19.06 | 22.28 -0.03 -19.68 | 21.06 -0.04 -18.25 | 21.17 -0.04 -18.39 | 23.72 -0.05 -20.03 | 25.19 -0.04 -21.64 | 24.55 -0.02 -22.38 | 23.40 -0.02 -21.03 | 22.93 -0.02 -20.47 | 23.56 -0.01 -21.21 | 19.48 -0.02 -16.41 | 17.12 -0.02 -13.63 | 14.05 -0.02 -10.03 |
| CH_RES_NIAGARA 23895 | 11.50 -0.28 -6.21 | 11.50 -0.24 -6.39 | 9.98 -0.22 -5.19 | 9.83 -0.21 -5.04 | 10.19 -0.21 -5.46 | 11.50 -0.20 -6.82 | 18.28 -0.22 -14.75 | 21.94 -0.14 -17.23 | 23.21 -0.19 -19.14 | 24.18 -0.16 -20.54 | 30.99 -0.11 -28.25 | 34.60 -0.12 -31.99 | 39.40 -0.12 -36.89 | 38.67 -0.14 -35.96 | 35.51 -0.16 -32.84 | 35.82 -0.21 -32.29 | 35.42 -0.19 -32.03 | 32.83 -0.13 -30.78 | 26.69 -0.12 -24.42 | 26.18 -0.07 -23.77 | 26.90 -0.10 -24.63 | 22.08 -0.07 -19.05 | 19.27 -0.07 -15.83 | 15.46 -0.23 -11.65 |
| CH_RES_SYRACUSE 23985 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| CLINTON_WT_PWR 323605 | 4.02 -0.18 1.36 | 4.49 -0.17 0.69 | 5.82 -0.15 -0.96 | 5.84 -0.15 -0.99 | 5.88 -0.14 -1.08 | 5.68 -0.16 -0.96 | 6.64 -0.12 -3.02 | 2.76 -0.17 1.91 | 4.11 -0.14 0.00 | 5.06 -0.13 -1.39 | 7.65 -0.10 -4.90 | 7.75 -0.09 -5.11 | 7.82 -0.09 -5.27 | 7.63 -0.11 -4.89 | 7.65 -0.11 -4.93 | 5.04 -0.15 -1.45 | 5.04 -0.13 -1.59 | 8.11 -0.07 -6.00 | 7.95 -0.07 -5.64 | 7.89 -0.08 -5.49 | 7.98 -0.07 -5.69 | 7.39 -0.10 -4.40 | 7.05 -0.12 -3.65 | 6.62 -0.11 -2.69 |
| CLINTON___LFGE 323618 | 4.07 -0.17 1.33 | 4.53 -0.16 0.66 | 5.85 -0.14 -0.98 | 5.86 -0.14 -1.00 | 5.91 -0.13 -1.10 | 5.71 -0.15 -0.99 | 6.71 -0.12 -3.08 | 2.87 -0.17 1.80 | 4.24 -0.14 -0.12 | 5.18 -0.14 -1.51 | 7.76 -0.10 -5.01 | 7.86 -0.09 -5.22 | 7.94 -0.09 -5.39 | 7.74 -0.11 -5.00 | 7.75 -0.11 -5.04 | 5.16 -0.15 -1.58 | 5.18 -0.14 -1.73 | 8.23 -0.07 -6.11 | 8.07 -0.07 -5.74 | 7.99 -0.08 -5.59 | 8.10 -0.06 -5.79 | 7.49 -0.09 -4.48 | 7.12 -0.11 -3.72 | 6.67 -0.11 -2.74 |
| COLONIE_LFGE___ 323577 | 21.89 0.36 -15.97 | 18.49 0.35 -12.80 | 17.30 0.32 -11.98 | 15.75 0.31 -10.44 | 16.26 0.31 -11.00 | 17.05 0.33 -11.85 | 21.89 0.24 -17.90 | 26.26 0.28 -21.13 | 27.94 0.24 -23.45 | 29.10 0.21 -25.10 | 28.86 0.16 -25.86 | 29.81 0.14 -26.94 | 30.58 0.13 -27.81 | 28.79 0.15 -25.79 | 28.96 0.15 -25.99 | 29.85 0.20 -25.91 | 31.80 0.19 -28.02 | 33.89 0.13 -31.58 | 32.19 0.13 -29.67 | 31.49 0.13 -28.88 | 32.42 0.12 -29.93 | 26.40 0.15 -23.15 | 22.95 0.20 -19.24 | 18.50 0.30 -14.15 |
| CORNELL_____ 23752 | 12.76 0.15 -7.05 | 12.46 0.13 -6.98 | 10.92 0.12 -5.79 | 10.66 0.12 -5.54 | 11.05 0.13 -5.98 | 12.34 0.14 -7.33 | 19.16 0.13 -15.28 | 22.91 0.21 -17.86 | 24.39 0.18 -19.95 | 25.38 0.18 -21.40 | 25.60 0.13 -22.63 | 26.59 0.13 -23.74 | 27.51 0.12 -24.75 | 26.04 0.13 -23.07 | 25.96 0.12 -23.02 | 26.70 0.16 -22.80 | 28.22 0.16 -24.47 | 29.49 0.09 -27.21 | 27.82 0.10 -25.33 | 27.26 0.13 -24.66 | 28.03 0.12 -25.55 | 23.01 0.15 -19.76 | 20.08 0.15 -16.42 | 16.24 0.12 -12.08 |
| COXSACKIE___GT 23611 | 20.63 0.46 -14.61 | 17.74 0.43 -11.96 | 16.52 0.40 -11.11 | 15.16 0.39 -9.77 | 15.67 0.40 -10.33 | 16.54 0.39 -11.27 | 21.88 0.30 -17.84 | 26.07 0.37 -20.85 | 27.82 0.35 -23.21 | 29.01 0.30 -24.91 | 28.88 0.22 -25.82 | 29.83 0.21 -26.89 | 30.60 0.21 -27.76 | 28.82 0.23 -25.75 | 29.01 0.24 -25.94 | 29.76 0.31 -25.72 | 31.69 0.30 -27.81 | 33.89 0.19 -31.52 | 32.19 0.19 -29.61 | 31.49 0.18 -28.83 | 32.42 0.18 -29.87 | 26.43 0.23 -23.10 | 22.97 0.26 -19.20 | 18.50 0.34 -14.13 |
| CPV_VALLEY___CC1 323721 | 19.57 0.49 -13.51 | 17.10 0.46 -11.29 | 15.76 0.40 -10.35 | 14.61 0.41 -9.20 | 15.10 0.41 -9.74 | 16.05 0.41 -10.77 | 21.85 0.33 -17.78 | 26.04 0.42 -20.77 | 27.78 0.39 -23.13 | 28.96 0.34 -24.81 | 28.82 0.26 -25.72 | 29.77 0.25 -26.79 | 30.54 0.25 -27.66 | 28.77 0.27 -25.65 | 28.95 0.28 -25.85 | 29.72 0.36 -25.62 | 31.64 0.35 -27.71 | 33.80 0.21 -31.40 | 32.11 0.22 -29.50 | 31.42 0.22 -28.72 | 32.33 0.21 -29.76 | 26.38 0.27 -23.02 | 22.96 0.32 -19.13 | 18.50 0.38 -14.07 |
| CPV_VALLEY___CC2 323722 | 19.57 0.49 -13.51 | 17.10 0.46 -11.29 | 15.76 0.40 -10.35 | 14.61 0.41 -9.20 | 15.10 0.41 -9.74 | 16.05 0.41 -10.77 | 21.85 0.33 -17.78 | 26.04 0.42 -20.77 | 27.78 0.39 -23.13 | 28.96 0.34 -24.81 | 28.82 0.26 -25.72 | 29.77 0.25 -26.79 | 30.54 0.25 -27.66 | 28.77 0.27 -25.65 | 28.95 0.28 -25.85 | 29.72 0.36 -25.62 | 31.64 0.35 -27.71 | 33.80 0.21 -31.40 | 32.11 0.22 -29.50 | 31.42 0.22 -28.72 | 32.33 0.21 -29.76 | 26.38 0.27 -23.02 | 22.96 0.32 -19.13 | 18.50 0.38 -14.07 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|
| CRESCENT___HYD 24018 | 21.89 0.36 -15.97 | 18.49 0.35 -12.80 | 17.30 0.32 -11.98 | 15.75 0.31 -10.44 | 16.26 0.31 -11.00 | 17.05 0.33 -11.85 | 21.89 0.24 -17.90 | 26.26 0.28 -21.13 | 27.94 0.24 -23.45 | 29.10 0.21 -25.10 | 28.86 0.16 -25.86 | 29.81 0.14 -26.94 | 30.58 0.13 -27.81 | 28.79 0.15 -25.79 | 28.96 0.15 -25.99 | 29.85 0.20 -25.91 | 31.80 0.19 -28.02 | 33.89 0.13 -31.58 | 32.19 0.13 -29.67 | 31.49 0.13 -28.88 | 32.42 0.12 -29.93 | 26.40 0.15 -23.15 | 22.95 0.20 -19.24 | 18.50 0.30 -14.15 |
| CRUCIBLE_METL_DRP 24180 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| DANC___LFGE 323619 | 9.71 -0.04 -4.19 | 10.01 -0.09 -4.75 | 8.93 -0.09 -4.01 | 8.91 -0.10 -4.01 | 9.22 -0.09 -4.37 | 10.36 -0.06 -5.55 | 16.56 -0.02 -12.84 | 18.79 -0.01 -13.96 | 20.38 -0.01 -16.13 | 21.36 0.00 -17.56 | 21.66 -0.01 -18.82 | 22.35 0.01 -19.61 | 22.90 0.02 -20.24 | 21.64 0.02 -18.77 | 21.76 -0.01 -18.95 | 21.88 -0.01 -18.16 | 23.23 0.00 -19.64 | 25.02 -0.01 -22.85 | 23.86 0.00 -21.46 | 23.40 0.02 -20.90 | 24.04 0.02 -21.65 | 19.86 0.02 -16.75 | 17.41 -0.01 -13.92 | 14.22 -0.06 -10.24 |
| DANSKAMMER___1 23586 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| DANSKAMMER___2 23589 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| DANSKAMMER___3 23590 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| DANSKAMMER___4 23591 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| DANSKAMMER___DIESEL 23592 | 20.40 0.58 -14.25 | 17.64 0.56 -11.74 | 16.37 0.50 -10.86 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.47 0.49 -11.12 | 21.96 0.39 -17.83 | 26.18 0.50 -20.83 | 27.93 0.48 -23.19 | 29.10 0.41 -24.88 | 28.94 0.31 -25.79 | 29.90 0.30 -26.87 | 30.67 0.30 -27.74 | 28.89 0.32 -25.72 | 29.08 0.34 -25.92 | 29.87 0.44 -25.69 | 31.79 0.42 -27.78 | 33.93 0.26 -31.49 | 32.24 0.27 -29.58 | 31.54 0.26 -28.80 | 32.46 0.26 -29.84 | 26.50 0.33 -23.08 | 23.07 0.38 -19.18 | 18.61 0.46 -14.11 |
| DASHVILLE___HYD 23610 | 20.30 0.47 -14.26 | 17.53 0.44 -11.75 | 16.28 0.40 -10.87 | 14.99 0.39 -9.60 | 15.48 0.39 -10.15 | 16.38 0.38 -11.12 | 21.88 0.31 -17.83 | 26.07 0.39 -20.83 | 27.82 0.37 -23.19 | 29.01 0.32 -24.88 | 28.87 0.24 -25.79 | 29.83 0.24 -26.87 | 30.61 0.23 -27.74 | 28.83 0.26 -25.72 | 29.01 0.27 -25.92 | 29.78 0.35 -25.69 | 31.70 0.33 -27.78 | 33.88 0.21 -31.49 | 32.19 0.21 -29.58 | 31.48 0.20 -28.80 | 32.40 0.20 -29.84 | 26.43 0.26 -23.08 | 22.99 0.30 -19.18 | 18.52 0.36 -14.11 |
| DELAWARE___LFGE 323621 | 15.21 0.29 -9.35 | 14.30 0.27 -8.69 | 12.74 0.26 -7.48 | 12.21 0.25 -6.96 | 12.66 0.26 -7.46 | 13.94 0.25 -8.82 | 21.04 0.20 -17.09 | 25.08 0.27 -19.97 | 26.76 0.25 -22.25 | 27.90 0.22 -23.87 | 27.75 0.16 -24.75 | 28.67 0.16 -25.78 | 29.41 0.16 -26.61 | 27.70 0.17 -24.68 | 27.86 0.17 -24.86 | 28.61 0.22 -24.65 | 30.45 0.21 -26.65 | 32.49 0.12 -30.18 | 30.89 0.14 -28.36 | 30.23 0.15 -27.61 | 31.11 0.14 -28.60 | 25.40 0.18 -22.13 | 22.09 0.20 -18.38 | 17.79 0.22 -13.53 |
| DOGLEVILLE___HYD 23807 | 11.75 0.20 -5.98 | 12.44 0.18 -6.91 | 10.36 0.17 -5.18 | 10.46 0.16 -5.30 | 10.91 0.16 -5.81 | 12.72 0.16 -7.69 | 22.15 0.13 -18.28 | 26.62 0.17 -21.60 | 28.34 0.15 -23.93 | 29.55 0.13 -25.61 | 29.32 0.10 -26.38 | 30.31 0.10 -27.48 | 31.10 0.09 -28.37 | 29.26 0.10 -26.31 | 29.43 0.09 -26.51 | 30.31 0.12 -26.44 | 32.30 0.12 -28.59 | 34.47 0.07 -32.21 | 32.73 0.08 -30.26 | 32.03 0.08 -29.46 | 32.97 0.08 -30.53 | 26.83 0.12 -23.61 | 23.26 0.13 -19.62 | 18.62 0.15 -14.44 |
| DUNKIRK___1 23563 | 11.86 -0.04 -6.34 | 11.82 -0.01 -6.48 | 10.26 -0.02 -5.28 | 10.10 -0.01 -5.12 | 10.47 -0.02 -5.54 | 11.78 0.00 -6.90 | 18.54 -0.03 -14.83 | 22.32 0.15 -17.33 | 23.61 0.09 -19.26 | 24.56 0.10 -20.66 | 33.70 0.09 -30.77 | 38.28 0.07 -35.49 | 44.52 0.06 -41.82 | 44.03 0.05 -41.13 | 39.75 0.03 -36.89 | 40.00 0.04 -36.22 | 38.93 0.05 -35.29 | 34.75 0.01 -32.55 | 26.98 0.04 -24.55 | 26.47 0.09 -23.90 | 27.19 0.06 -24.76 | 22.37 0.13 -19.15 | 19.56 0.13 -15.91 | 15.71 -0.04 -11.71 |
| DUNKIRK___2 23564 | 11.86 -0.04 -6.34 | 11.82 -0.01 -6.48 | 10.26 -0.02 -5.28 | 10.10 -0.01 -5.12 | 10.47 -0.02 -5.54 | 11.78 0.00 -6.90 | 18.54 -0.03 -14.83 | 22.32 0.15 -17.33 | 23.61 0.09 -19.26 | 24.56 0.10 -20.66 | 33.70 0.09 -30.77 | 38.28 0.07 -35.49 | 44.52 0.06 -41.82 | 44.03 0.05 -41.13 | 39.75 0.03 -36.89 | 40.00 0.04 -36.22 | 38.93 0.05 -35.29 | 34.75 0.01 -32.55 | 26.98 0.04 -24.55 | 26.47 0.09 -23.90 | 27.19 0.06 -24.76 | 22.37 0.13 -19.15 | 19.56 0.13 -15.91 | 15.71 -0.04 -11.71 |
| DUNKIRK___3 23565 | 11.81 -0.06 -6.31 | 11.78 -0.03 -6.46 | 10.23 -0.03 -5.26 | 10.07 -0.03 -5.10 | 10.44 -0.03 -5.52 | 11.74 -0.01 -6.88 | 18.51 -0.04 -14.81 | 22.28 0.13 -17.30 | 23.55 0.07 -19.23 | 24.51 0.08 -20.63 | 34.23 0.08 -31.31 | 39.04 0.05 -36.26 | 45.62 0.04 -42.94 | 45.20 0.04 -42.31 | 40.64 0.02 -37.80 | 40.86 0.02 -37.10 | 39.62 0.03 -36.01 | 35.11 0.00 -32.92 | 26.93 0.03 -24.52 | 26.43 0.08 -23.87 | 27.14 0.05 -24.73 | 22.33 0.11 -19.13 | 19.52 0.12 -15.89 | 15.68 -0.05 -11.70 |
| DUNKIRK___4 23566 | 11.81 -0.06 -6.31 | 11.78 -0.03 -6.46 | 10.23 -0.03 -5.26 | 10.07 -0.03 -5.10 | 10.44 -0.03 -5.52 | 11.74 -0.01 -6.88 | 18.51 -0.04 -14.81 | 22.28 0.13 -17.30 | 23.55 0.07 -19.23 | 24.51 0.08 -20.63 | 34.23 0.08 -31.31 | 39.04 0.05 -36.26 | 45.62 0.04 -42.94 | 45.20 0.04 -42.31 | 40.64 0.02 -37.80 | 40.86 0.02 -37.10 | 39.62 0.03 -36.01 | 35.11 0.00 -32.92 | 26.93 0.03 -24.52 | 26.43 0.08 -23.87 | 27.14 0.05 -24.73 | 22.33 0.11 -19.13 | 19.52 0.12 -15.89 | 15.68 -0.05 -11.70 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 20.28 0.60 -14.12 | 17.57 0.57 -11.66 | 16.32 0.52 -10.80 | 15.01 0.50 -9.52 | 15.51 0.49 -10.07 | 16.46 0.50 -11.08 | 21.97 0.40 -17.82 | 26.19 0.52 -20.83 | 27.93 0.49 -23.19 | 29.11 0.43 -24.88 | 28.95 0.32 -25.79 | 29.91 0.31 -26.87 | 30.68 0.31 -27.74 | 28.90 0.34 -25.72 | 29.08 0.34 -25.91 | 29.88 0.45 -25.69 | 31.80 0.43 -27.78 | 33.93 0.26 -31.48 | 32.25 0.28 -29.58 | 31.55 0.27 -28.80 | 32.46 0.26 -29.84 | 26.51 0.34 -23.08 | 23.09 0.40 -19.18 | 18.64 0.48 -14.11 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.17 0.55 -14.06 | 17.49 0.51 -11.63 | 16.19 0.45 -10.73 | 14.94 0.45 -9.49 | 15.44 0.45 -10.04 | 16.35 0.45 -11.02 | 21.92 0.36 -17.82 | 26.13 0.47 -20.82 | 27.87 0.44 -23.18 | 29.06 0.39 -24.86 | 28.90 0.29 -25.77 | 29.86 0.28 -26.85 | 30.63 0.28 -27.72 | 28.86 0.30 -25.70 | 29.04 0.31 -25.90 | 29.82 0.41 -25.67 | 31.74 0.39 -27.76 | 33.89 0.24 -31.46 | 32.20 0.25 -29.56 | 31.50 0.24 -28.78 | 32.42 0.24 -29.82 | 26.46 0.31 -23.07 | 23.03 0.36 -19.17 | 18.57 0.43 -14.10 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.36 0.56 -10.80 | 15.05 0.54 -9.52 | 15.55 0.53 -10.07 | 16.49 0.54 -11.08 | 21.99 0.42 -17.82 | 26.21 0.55 -20.82 | 27.96 0.50 -23.20 | 29.65 0.44 -25.41 | 29.53 0.33 -26.36 | 30.45 0.32 -27.41 | 31.13 0.31 -28.18 | 29.40 0.34 -26.21 | 29.55 0.35 -26.37 | 30.38 0.46 -26.17 | 32.33 0.44 -28.31 | 34.29 0.27 -31.83 | 32.53 0.29 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.34 -23.49 | 23.11 0.41 -19.19 | 18.73 0.50 -14.19 |
| EAST HAMPTON___GT 23717 | 20.74 1.06 -14.12 | 18.34 0.99 -12.00 | 16.71 0.90 -10.80 | 15.41 0.90 -9.52 | 15.88 0.87 -10.07 | 16.81 0.86 -11.08 | 22.24 0.67 -17.82 | 28.67 0.88 -22.95 | 31.39 0.80 -26.33 | 36.44 0.72 -31.92 | 35.23 0.54 -31.85 | 36.15 0.52 -32.90 | 35.54 0.52 -32.39 | 33.73 0.54 -30.33 | 33.54 0.55 -30.17 | 35.45 0.72 -30.99 | 39.19 0.69 -34.91 | 39.24 0.43 -36.63 | 37.57 0.48 -34.70 | 33.86 0.48 -30.91 | 39.17 0.46 -36.34 | 34.98 0.59 -31.29 | 29.63 0.66 -25.46 | 23.45 0.78 -18.63 |
| EAST RIVER___6 23660 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.47 | 35.96 0.34 -32.90 | 36.08 0.33 -33.12 | 35.49 0.36 -32.28 | 35.35 0.36 -32.16 | 35.47 0.48 -31.26 | 36.09 0.46 -32.04 | 36.09 0.28 -33.62 | 32.55 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| EAST RIVER___7 23524 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.47 | 35.96 0.34 -32.90 | 36.08 0.33 -33.12 | 35.49 0.36 -32.28 | 35.35 0.36 -32.16 | 35.47 0.48 -31.26 | 36.09 0.46 -32.04 | 36.09 0.28 -33.62 | 32.55 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 20.25 0.58 -14.11 | 17.55 0.55 -11.66 | 16.29 0.50 -10.79 | 14.99 0.48 -9.51 | 15.49 0.48 -10.06 | 16.45 0.49 -11.09 | 21.95 0.39 -17.82 | 26.18 0.50 -20.83 | 27.91 0.46 -23.19 | 29.23 0.41 -25.02 | 29.15 0.31 -26.00 | 30.08 0.30 -27.06 | 30.84 0.30 -27.91 | 29.10 0.32 -25.93 | 29.27 0.33 -26.11 | 30.04 0.44 -25.87 | 31.92 0.42 -27.91 | 33.99 0.26 -31.55 | 32.25 0.27 -29.59 | 31.54 0.26 -28.80 | 32.46 0.25 -29.84 | 26.51 0.32 -23.09 | 23.08 0.39 -19.18 | 18.67 0.47 -14.16 |
| EAST_HAMPTON___DIESEL 23722 | 20.74 1.06 -14.12 | 18.34 0.99 -12.00 | 16.71 0.90 -10.80 | 15.41 0.90 -9.52 | 15.88 0.87 -10.07 | 16.81 0.86 -11.08 | 22.24 0.67 -17.82 | 28.67 0.88 -22.95 | 31.39 0.80 -26.33 | 36.44 0.72 -31.92 | 35.23 0.54 -31.85 | 36.15 0.52 -32.90 | 35.54 0.52 -32.39 | 33.73 0.54 -30.33 | 33.54 0.55 -30.17 | 35.45 0.72 -30.99 | 39.19 0.69 -34.91 | 39.24 0.43 -36.63 | 37.57 0.48 -34.70 | 33.86 0.48 -30.91 | 39.17 0.46 -36.34 | 34.98 0.59 -31.29 | 29.63 0.66 -25.46 | 23.45 0.78 -18.63 |
| EAST_RIVER___1 323558 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.35 0.55 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 33.28 0.46 -29.02 | 35.33 0.35 -32.14 | 35.67 0.34 -32.60 | 35.82 0.33 -32.85 | 35.17 0.36 -31.96 | 35.05 0.37 -31.86 | 35.20 0.48 -30.98 | 35.88 0.46 -31.83 | 35.98 0.28 -33.51 | 32.53 0.30 -29.84 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.94 0.37 -23.48 | 23.14 0.43 -19.19 | 20.19 0.52 -15.63 |
| EAST_RIVER___2 323559 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.46 -29.23 | 35.66 0.34 -32.47 | 35.96 0.34 -32.90 | 36.08 0.33 -33.12 | 35.49 0.36 -32.28 | 35.35 0.36 -32.16 | 35.47 0.48 -31.26 | 36.09 0.46 -32.04 | 36.09 0.28 -33.62 | 32.55 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| EAST___DELAWARE_HYD 23607 | 19.79 0.55 -13.68 | 17.25 0.51 -11.40 | 15.93 0.45 -10.47 | 14.74 0.45 -9.29 | 15.23 0.45 -9.84 | 16.18 0.45 -10.86 | 21.90 0.37 -17.79 | 26.11 0.48 -20.79 | 27.85 0.45 -23.14 | 29.02 0.39 -24.83 | 28.87 0.29 -25.74 | 29.83 0.29 -26.81 | 30.59 0.28 -27.68 | 28.82 0.31 -25.67 | 29.01 0.32 -25.86 | 29.79 0.41 -25.64 | 31.71 0.40 -27.72 | 33.85 0.24 -31.42 | 32.17 0.26 -29.52 | 31.47 0.25 -28.74 | 32.39 0.25 -29.78 | 26.44 0.32 -23.03 | 23.01 0.36 -19.14 | 18.55 0.42 -14.08 |
| ELEC_TRO_TEK 24086 | 20.33 0.65 -14.12 | 17.92 0.62 -11.96 | 16.35 0.55 -10.80 | 15.06 0.54 -9.52 | 15.55 0.54 -10.07 | 16.50 0.55 -11.08 | 22.01 0.45 -17.82 | 28.06 0.56 -22.66 | 30.70 0.51 -25.94 | 36.17 0.44 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.31 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.94 0.44 -34.91 | 39.09 0.27 -36.63 | 37.38 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.73 0.35 -31.29 | 28.53 0.42 -24.60 | 22.63 0.52 -18.07 |
| ELLENBURG_WT_PWR 323604 | 4.02 -0.18 1.36 | 4.49 -0.17 0.69 | 5.82 -0.15 -0.96 | 5.84 -0.15 -0.99 | 5.88 -0.14 -1.08 | 5.68 -0.16 -0.96 | 6.64 -0.12 -3.02 | 2.76 -0.17 1.91 | 4.11 -0.14 0.00 | 5.06 -0.13 -1.39 | 7.65 -0.10 -4.90 | 7.75 -0.09 -5.11 | 7.82 -0.09 -5.27 | 7.63 -0.11 -4.89 | 7.65 -0.11 -4.93 | 5.04 -0.15 -1.45 | 5.04 -0.13 -1.59 | 8.11 -0.07 -6.00 | 7.95 -0.07 -5.64 | 7.89 -0.08 -5.49 | 7.98 -0.07 -5.69 | 7.39 -0.10 -4.40 | 7.05 -0.12 -3.65 | 6.62 -0.11 -2.69 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 11.75 -0.09 -6.28 | 11.72 -0.06 -6.44 | 10.18 -0.07 -5.24 | 10.02 -0.06 -5.08 | 10.38 -0.06 -5.51 | 11.69 -0.04 -6.86 | 18.46 -0.08 -14.79 | 22.20 0.08 -17.28 | 23.48 0.02 -19.20 | 24.44 0.04 -20.60 | 34.73 0.05 -31.84 | 39.77 0.02 -37.03 | 46.69 0.02 -44.04 | 46.33 0.01 -43.47 | 41.51 -0.01 -38.69 | 41.68 -0.02 -37.96 | 40.29 -0.01 -36.71 | 35.44 -0.02 -33.28 | 26.88 0.00 -24.49 | 26.37 0.05 -23.84 | 27.09 0.02 -24.70 | 22.28 0.08 -19.11 | 19.47 0.08 -15.88 | 15.64 -0.08 -11.68 |
| EMPIRE_CC_1 323656 | 21.24 0.31 -15.37 | 18.08 0.31 -12.42 | 16.93 0.29 -11.64 | 15.46 0.28 -10.18 | 15.96 0.28 -10.74 | 16.77 0.28 -11.62 | 21.84 0.20 -17.89 | 25.94 0.19 -20.91 | 27.86 0.20 -23.40 | 29.03 0.17 -25.06 | 28.82 0.13 -25.85 | 29.77 0.12 -26.93 | 30.55 0.11 -27.80 | 28.75 0.13 -25.78 | 28.93 0.13 -25.98 | 29.79 0.18 -25.87 | 31.72 0.16 -27.97 | 33.86 0.11 -31.56 | 32.15 0.11 -29.65 | 31.45 0.10 -28.87 | 32.37 0.10 -29.91 | 26.36 0.13 -23.14 | 22.91 0.18 -19.22 | 18.51 0.33 -14.15 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| EMPIRE_CC_2 323658 | 21.24 0.31 -15.37 | 18.08 0.31 -12.42 | 16.93 0.29 -11.64 | 15.46 0.28 -10.18 | 15.96 0.28 -10.74 | 16.77 0.28 -11.62 | 21.84 0.20 -17.89 | 25.94 0.19 -20.91 | 27.86 0.20 -23.40 | 29.03 0.17 -25.06 | 28.82 0.13 -25.85 | 29.77 0.12 -26.93 | 30.55 0.11 -27.80 | 28.75 0.13 -25.78 | 28.93 0.13 -25.98 | 29.79 0.18 -25.87 | 31.72 0.16 -27.97 | 33.86 0.11 -31.56 | 32.15 0.11 -29.65 | 31.45 0.10 -28.87 | 32.37 0.10 -29.91 | 26.36 0.13 -23.14 | 22.91 0.18 -19.22 | 18.51 0.33 -14.15 |
| ERIE_WT_PWR 323693 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.06 -5.26 | 10.05 -0.05 -5.10 | 10.41 -0.05 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.07 -14.81 | 22.23 0.08 -17.30 | 23.50 0.02 -19.23 | 24.47 0.04 -20.63 | 33.34 0.05 -30.46 | 37.82 0.02 -35.07 | 43.89 0.02 -41.23 | 43.37 0.01 -40.52 | 39.22 -0.01 -36.40 | 39.47 -0.01 -35.75 | 38.48 0.00 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.03 -24.73 | 22.31 0.09 -19.13 | 19.49 0.09 -15.89 | 15.66 -0.08 -11.69 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 12.74 0.14 -7.04 | 12.45 0.13 -6.98 | 10.91 0.12 -5.78 | 10.65 0.12 -5.54 | 11.04 0.12 -5.97 | 12.32 0.13 -7.32 | 19.14 0.12 -15.28 | 22.89 0.20 -17.85 | 24.36 0.17 -19.93 | 25.36 0.17 -21.38 | 25.52 0.12 -22.56 | 26.49 0.12 -23.64 | 27.38 0.12 -24.63 | 25.91 0.12 -22.94 | 25.85 0.11 -22.91 | 26.58 0.15 -22.70 | 28.12 0.15 -24.38 | 29.45 0.09 -27.18 | 27.81 0.10 -25.32 | 27.25 0.12 -24.65 | 28.02 0.11 -25.54 | 23.00 0.15 -19.76 | 20.08 0.15 -16.42 | 16.23 0.11 -12.08 |
| E_CANADA_CAP_HY 24051 | 23.83 0.29 -17.97 | 19.56 0.26 -13.95 | 18.58 0.24 -13.33 | 16.69 0.24 -11.45 | 17.22 0.25 -12.02 | 17.79 0.27 -12.64 | 21.69 0.24 -17.71 | 26.08 0.35 -20.89 | 27.76 0.32 -23.18 | 28.89 0.27 -24.82 | 28.63 0.20 -25.59 | 29.56 0.18 -26.66 | 30.33 0.17 -27.52 | 28.54 0.17 -25.52 | 28.70 0.16 -25.71 | 29.58 0.22 -25.63 | 31.52 0.22 -27.71 | 33.56 0.14 -31.24 | 31.89 0.16 -29.35 | 31.21 0.16 -28.57 | 32.13 0.16 -29.60 | 26.21 0.22 -22.90 | 22.75 0.21 -19.03 | 18.27 0.23 -14.00 |
| E_CANADA_MHWK_HY 24050 | 11.75 0.20 -5.98 | 12.44 0.18 -6.91 | 10.36 0.17 -5.18 | 10.46 0.16 -5.30 | 10.91 0.16 -5.81 | 12.72 0.16 -7.69 | 22.15 0.13 -18.28 | 26.62 0.17 -21.60 | 28.34 0.15 -23.93 | 29.55 0.13 -25.61 | 29.32 0.10 -26.38 | 30.31 0.10 -27.48 | 31.10 0.09 -28.37 | 29.26 0.10 -26.31 | 29.43 0.09 -26.51 | 30.31 0.12 -26.44 | 32.30 0.12 -28.59 | 34.47 0.07 -32.21 | 32.73 0.08 -30.26 | 32.03 0.08 -29.46 | 32.97 0.08 -30.53 | 26.83 0.12 -23.61 | 23.26 0.13 -19.62 | 18.62 0.15 -14.44 |
| E_FISHKILL___LBMP 23776 | 20.31 0.53 -14.22 | 17.58 0.51 -11.72 | 16.31 0.46 -10.85 | 15.02 0.45 -9.57 | 15.51 0.45 -10.12 | 16.44 0.45 -11.11 | 21.93 0.36 -17.83 | 26.14 0.46 -20.83 | 27.87 0.42 -23.20 | 29.05 0.37 -24.89 | 28.91 0.28 -25.80 | 29.87 0.27 -26.87 | 30.64 0.26 -27.74 | 28.86 0.29 -25.73 | 29.04 0.29 -25.92 | 29.82 0.39 -25.70 | 31.74 0.37 -27.79 | 33.91 0.23 -31.49 | 32.22 0.24 -29.59 | 31.52 0.23 -28.80 | 32.43 0.22 -29.85 | 26.47 0.29 -23.09 | 23.04 0.35 -19.18 | 18.58 0.43 -14.11 |
| FAR ROCKAWAY___4 23548 | 20.42 0.73 -14.12 | 18.00 0.70 -11.96 | 16.42 0.62 -10.80 | 15.13 0.61 -9.52 | 15.63 0.61 -10.07 | 16.57 0.62 -11.08 | 22.07 0.50 -17.82 | 28.17 0.64 -22.68 | 30.82 0.58 -25.98 | 36.25 0.52 -31.93 | 35.07 0.38 -31.85 | 36.00 0.37 -32.90 | 35.38 0.36 -32.39 | 33.58 0.39 -30.33 | 33.39 0.40 -30.17 | 35.25 0.53 -30.99 | 39.00 0.51 -34.91 | 39.13 0.31 -36.63 | 37.43 0.33 -34.70 | 33.71 0.33 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 28.68 0.49 -24.68 | 22.75 0.59 -18.12 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.35 0.55 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 34.10 0.46 -29.84 | 36.31 0.34 -33.13 | 36.61 0.34 -33.55 | 36.86 0.33 -33.90 | 36.30 0.36 -33.09 | 36.16 0.36 -32.97 | 36.28 0.48 -32.06 | 36.68 0.46 -32.64 | 36.37 0.28 -33.90 | 32.55 0.30 -29.86 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.35 0.55 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 33.50 0.46 -29.23 | 35.66 0.34 -32.48 | 35.97 0.34 -32.90 | 36.08 0.33 -33.12 | 35.49 0.36 -32.29 | 35.36 0.36 -32.17 | 35.48 0.48 -31.26 | 36.10 0.46 -32.05 | 36.09 0.28 -33.62 | 32.55 0.30 -29.86 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.53 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 33.50 0.46 -29.23 | 35.66 0.34 -32.48 | 35.97 0.34 -32.90 | 36.08 0.33 -33.12 | 35.49 0.36 -32.29 | 35.36 0.36 -32.17 | 35.48 0.48 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.55 0.30 -29.86 | 31.58 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.36 -23.50 | 23.14 0.43 -19.19 | 20.27 0.52 -15.71 |
| FARRAGUT___LBMP 323566 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.45 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.35 -32.29 | 35.35 0.36 -32.17 | 35.47 0.47 -31.26 | 36.09 0.46 -32.05 | 36.09 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.52 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.26 0.51 -15.71 |
| FENNER___WINDPWR 24204 | 11.64 0.16 -5.91 | 11.88 0.13 -6.40 | 10.18 0.12 -5.05 | 10.13 0.11 -5.02 | 10.52 0.12 -5.46 | 12.00 0.13 -6.99 | 19.68 0.12 -15.81 | 23.51 0.20 -18.47 | 25.01 0.18 -20.58 | 26.05 0.17 -22.08 | 25.85 0.12 -22.88 | 26.69 0.12 -23.84 | 27.37 0.12 -24.61 | 25.80 0.13 -22.82 | 25.92 0.11 -22.99 | 26.68 0.15 -22.79 | 28.38 0.15 -24.64 | 30.13 0.08 -27.86 | 28.66 0.10 -26.17 | 28.08 0.12 -25.48 | 28.88 0.12 -26.40 | 23.66 0.15 -20.42 | 20.62 0.14 -16.97 | 16.64 0.11 -12.49 |
| FIBERTEK___ENERGY 23856 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| FITZPATRICK____ 23598 | 10.56 -0.13 -5.13 | 10.79 -0.11 -5.56 | 9.28 -0.11 -4.38 | 9.24 -0.11 -4.35 | 9.58 -0.10 -4.74 | 10.84 -0.10 -6.07 | 17.40 -0.07 -13.73 | 20.81 -0.07 -16.04 | 22.02 -0.07 -17.83 | 22.87 -0.06 -19.13 | 22.63 -0.04 -19.82 | 23.34 -0.04 -20.65 | 23.92 -0.04 -21.32 | 22.57 -0.05 -19.77 | 22.70 -0.05 -19.93 | 23.43 -0.06 -19.75 | 24.88 -0.06 -21.36 | 26.38 -0.04 -24.23 | 25.11 -0.04 -22.77 | 24.61 -0.03 -22.16 | 25.30 -0.03 -22.96 | 20.81 -0.04 -17.76 | 18.22 -0.05 -14.76 | 14.81 -0.09 -10.86 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 20.43 0.61 -14.26 | 17.67 0.57 -11.75 | 16.39 0.52 -10.87 | 15.10 0.51 -9.59 | 15.60 0.51 -10.14 | 16.50 0.51 -11.12 | 21.98 0.40 -17.83 | 26.20 0.52 -20.83 | 27.94 0.49 -23.19 | 29.12 0.43 -24.88 | 28.95 0.32 -25.79 | 29.91 0.32 -26.87 | 30.68 0.31 -27.74 | 28.91 0.34 -25.72 | 29.09 0.35 -25.92 | 29.89 0.46 -25.69 | 31.81 0.44 -27.78 | 33.94 0.27 -31.49 | 32.25 0.28 -29.58 | 31.55 0.27 -28.80 | 32.47 0.26 -29.84 | 26.52 0.34 -23.08 | 23.08 0.39 -19.18 | 18.63 0.47 -14.11 |

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| FORT ORANGE____ 23900 | 21.50 0.36 -15.58 | 18.25 0.34 -12.56 | 17.05 0.32 -11.72 | 15.55 0.31 -10.24 | 16.06 0.31 -10.80 | 16.87 0.31 -11.69 | 21.84 0.20 -17.89 | 26.15 0.23 -21.08 | 27.87 0.21 -23.40 | 29.04 0.18 -25.06 | 28.84 0.14 -25.86 | 29.79 0.13 -26.94 | 30.57 0.12 -27.81 | 28.78 0.14 -25.79 | 28.95 0.14 -25.99 | 29.80 0.19 -25.88 | 31.74 0.18 -27.98 | 33.88 0.12 -31.57 | 32.17 0.12 -29.66 | 31.47 0.11 -28.88 | 32.40 0.11 -29.92 | 26.37 0.14 -23.15 | 22.92 0.17 -19.23 | 18.45 0.25 -14.15 |
| FORT_DRUM_COGEN 23780 | 9.67 -0.04 -4.15 | 9.98 -0.09 -4.72 | 8.91 -0.09 -3.99 | 8.89 -0.10 -3.99 | 9.20 -0.09 -4.36 | 10.33 -0.07 -5.53 | 16.53 -0.02 -12.80 | 18.72 -0.01 -13.89 | 20.31 -0.01 -16.07 | 21.30 0.00 -17.50 | 21.62 -0.01 -18.78 | 22.30 0.01 -19.57 | 22.85 0.02 -20.20 | 21.60 0.01 -18.73 | 21.71 -0.01 -18.90 | 21.82 -0.01 -18.10 | 23.16 0.00 -19.58 | 24.96 -0.02 -22.79 | 23.80 0.00 -21.41 | 23.34 0.02 -20.84 | 23.98 0.02 -21.59 | 19.81 0.02 -16.70 | 17.37 -0.02 -13.88 | 14.19 -0.06 -10.21 |
| FPL_FAR_ROCK_GT1 24212 | 20.42 0.73 -14.12 | 18.00 0.70 -11.96 | 16.42 0.62 -10.80 | 15.13 0.61 -9.52 | 15.63 0.61 -10.07 | 16.57 0.62 -11.08 | 22.07 0.50 -17.82 | 28.17 0.64 -22.68 | 30.82 0.58 -25.98 | 36.25 0.52 -31.93 | 35.07 0.38 -31.85 | 36.00 0.37 -32.90 | 35.38 0.36 -32.39 | 33.58 0.39 -30.33 | 33.39 0.40 -30.17 | 35.25 0.53 -30.99 | 39.00 0.51 -34.91 | 39.13 0.31 -36.63 | 37.43 0.33 -34.70 | 33.71 0.33 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 28.68 0.49 -24.68 | 22.75 0.59 -18.12 |
| FPL_FAR_ROCK_GT2 23815 | 20.42 0.73 -14.12 | 18.00 0.70 -11.96 | 16.42 0.62 -10.80 | 15.13 0.61 -9.52 | 15.63 0.61 -10.07 | 16.57 0.62 -11.08 | 22.07 0.50 -17.82 | 28.17 0.64 -22.68 | 30.82 0.58 -25.98 | 36.25 0.52 -31.93 | 35.07 0.38 -31.85 | 36.00 0.37 -32.90 | 35.38 0.36 -32.39 | 33.58 0.39 -30.33 | 33.39 0.40 -30.17 | 35.25 0.53 -30.99 | 39.00 0.51 -34.91 | 39.13 0.31 -36.63 | 37.43 0.33 -34.70 | 33.71 0.33 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 28.68 0.49 -24.68 | 22.75 0.59 -18.12 |
| FRANKLIN_FALL_HYD 24054 | 4.41 -0.23 0.92 | 4.88 -0.22 0.24 | 6.01 -0.20 -1.20 | 6.02 -0.21 -1.23 | 6.10 -0.20 -1.35 | 6.02 -0.21 -1.35 | 7.47 -0.16 -3.89 | 4.09 -0.23 0.52 | 5.72 -0.20 -1.66 | 6.68 -0.18 -3.06 | 9.07 -0.13 -6.36 | 9.23 -0.12 -6.63 | 9.36 -0.12 -6.84 | 9.05 -0.14 -6.34 | 9.08 -0.14 -6.40 | 6.72 -0.19 -3.18 | 6.87 -0.18 -3.46 | 9.59 -0.09 -7.50 | 9.34 -0.10 -7.05 | 9.23 -0.11 -6.86 | 9.39 -0.09 -7.11 | 8.46 -0.13 -5.50 | 7.93 -0.15 -4.57 | 7.25 -0.16 -3.36 |
| FREEPORT_EQUS_GT1 23764 | 20.39 0.71 -14.12 | 18.00 0.67 -11.98 | 16.40 0.60 -10.80 | 15.10 0.59 -9.52 | 15.60 0.59 -10.07 | 16.55 0.60 -11.08 | 22.05 0.49 -17.82 | 28.30 0.62 -22.83 | 30.99 0.56 -26.18 | 36.22 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.38 -30.17 | 35.23 0.50 -30.99 | 38.99 0.49 -34.91 | 39.11 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.01 0.31 -36.34 | 34.78 0.40 -31.29 | 29.09 0.47 -25.11 | 23.01 0.56 -18.41 |
| FREEPORT____CT2 23818 | 20.39 0.71 -14.12 | 18.00 0.67 -11.98 | 16.40 0.60 -10.80 | 15.10 0.59 -9.52 | 15.60 0.59 -10.07 | 16.55 0.60 -11.08 | 22.05 0.49 -17.82 | 28.30 0.62 -22.83 | 30.99 0.56 -26.18 | 36.22 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.38 -30.17 | 35.23 0.50 -30.99 | 38.99 0.49 -34.91 | 39.11 0.30 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.01 0.31 -36.34 | 34.78 0.40 -31.29 | 29.09 0.47 -25.11 | 23.01 0.56 -18.41 |
| FULTON COGEN____ 23766 | 10.64 -0.07 -5.15 | 10.79 -0.06 -5.51 | 9.32 -0.06 -4.37 | 9.26 -0.06 -4.32 | 9.59 -0.05 -4.70 | 10.81 -0.05 -5.98 | 17.11 -0.02 -13.39 | 20.49 0.00 -15.64 | 21.65 -0.01 -17.40 | 22.48 0.00 -18.67 | 22.20 0.00 -19.35 | 22.89 0.01 -20.16 | 23.45 0.00 -20.81 | 22.15 0.00 -19.30 | 22.77 -0.01 -19.96 | 23.51 -0.02 -19.79 | 24.97 -0.01 -21.40 | 26.52 -0.01 -24.35 | 25.26 -0.01 -22.88 | 24.75 0.00 -22.27 | 25.44 0.00 -23.07 | 20.94 0.00 -17.85 | 18.33 -0.01 -14.83 | 14.90 -0.05 -10.91 |
| FULTON____LFGE 323630 | 23.49 0.54 -17.39 | 19.44 0.48 -13.62 | 18.37 0.44 -12.93 | 16.59 0.44 -11.15 | 17.12 0.46 -11.72 | 17.80 0.51 -12.41 | 21.97 0.45 -17.78 | 26.49 0.66 -20.99 | 28.13 0.58 -23.29 | 29.24 0.51 -24.92 | 28.91 0.38 -25.69 | 29.81 0.33 -26.76 | 30.57 0.31 -27.63 | 28.78 0.31 -25.62 | 28.94 0.31 -25.81 | 29.88 0.41 -25.74 | 31.83 0.42 -27.83 | 33.81 0.26 -31.36 | 32.15 0.30 -29.46 | 31.48 0.31 -28.68 | 32.40 0.31 -29.72 | 26.47 0.39 -22.99 | 22.99 0.38 -19.10 | 18.51 0.41 -14.05 |
| G.F.CEMENT____DRP 24184 | 22.07 0.46 -16.05 | 18.63 0.44 -12.85 | 17.43 0.40 -12.03 | 15.87 0.40 -10.48 | 16.38 0.40 -11.04 | 17.18 0.43 -11.88 | 21.98 0.33 -17.90 | 26.41 0.43 -21.14 | 28.07 0.37 -23.45 | 29.22 0.32 -25.09 | 28.94 0.24 -25.86 | 29.87 0.21 -26.94 | 30.64 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.22 -25.98 | 29.95 0.30 -25.91 | 31.89 0.29 -28.02 | 33.95 0.19 -31.57 | 32.25 0.20 -29.66 | 31.56 0.20 -28.88 | 32.48 0.19 -29.92 | 26.48 0.24 -23.14 | 23.04 0.30 -19.23 | 18.58 0.39 -14.15 |
| GARDENVILLE____LBMP 24039 | 11.73 -0.11 -6.28 | 11.71 -0.07 -6.44 | 10.17 -0.07 -5.24 | 10.01 -0.07 -5.08 | 10.37 -0.07 -5.51 | 11.68 -0.06 -6.86 | 18.45 -0.09 -14.79 | 22.18 0.06 -17.28 | 23.46 0.00 -19.20 | 24.42 0.02 -20.60 | 34.51 0.03 -31.64 | 39.47 0.01 -36.74 | 46.26 0.00 -43.63 | 45.88 -0.01 -43.04 | 41.16 -0.02 -38.36 | 41.34 -0.03 -37.64 | 40.01 -0.02 -36.44 | 35.29 -0.03 -33.14 | 26.87 -0.01 -24.49 | 26.36 0.04 -23.84 | 27.08 0.01 -24.70 | 22.27 0.07 -19.11 | 19.46 0.07 -15.88 | 15.63 -0.09 -11.68 |
| GENERAL____MILLS 23808 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.07 -5.26 | 10.04 -0.05 -5.10 | 10.41 -0.06 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.08 -14.81 | 22.22 0.08 -17.30 | 23.50 0.02 -19.23 | 24.46 0.03 -20.63 | 33.34 0.04 -30.46 | 37.81 0.02 -35.07 | 43.88 0.01 -41.23 | 43.37 0.01 -40.52 | 39.21 -0.01 -36.40 | 39.47 -0.02 -35.75 | 38.47 -0.01 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.02 -24.73 | 22.30 0.08 -19.13 | 19.49 0.09 -15.89 | 15.65 -0.08 -11.69 |
| GE_PLASTICS____DRP 24183 | 21.48 0.32 -15.60 | 18.22 0.30 -12.57 | 17.04 0.29 -11.74 | 15.54 0.29 -10.26 | 16.05 0.29 -10.82 | 16.85 0.28 -11.70 | 21.83 0.19 -17.90 | 26.13 0.21 -21.07 | 27.86 0.20 -23.40 | 29.04 0.17 -25.07 | 28.84 0.13 -25.87 | 29.80 0.12 -26.95 | 30.58 0.12 -27.82 | 28.78 0.13 -25.80 | 28.96 0.13 -26.00 | 29.80 0.18 -25.88 | 31.74 0.17 -27.99 | 33.88 0.11 -31.59 | 32.18 0.11 -29.68 | 31.48 0.11 -28.89 | 32.41 0.10 -29.94 | 26.38 0.13 -23.16 | 22.91 0.16 -19.24 | 18.42 0.23 -14.16 |
| GILBOA____1 23756 | 19.46 0.31 -13.58 | 16.98 0.30 -11.34 | 15.73 0.31 -10.41 | 14.54 0.31 -9.24 | 15.03 0.31 -9.78 | 15.97 0.27 -10.82 | 21.74 0.21 -17.79 | 25.89 0.26 -20.79 | 27.63 0.23 -23.15 | 28.84 0.20 -24.84 | 28.73 0.15 -25.74 | 29.69 0.14 -26.82 | 30.46 0.14 -27.69 | 28.68 0.15 -25.68 | 28.85 0.16 -25.87 | 29.59 0.21 -25.65 | 31.51 0.19 -27.73 | 33.73 0.12 -31.43 | 32.05 0.13 -29.53 | 31.35 0.13 -28.75 | 32.27 0.12 -29.78 | 26.29 0.16 -23.04 | 22.84 0.19 -19.14 | 18.36 0.23 -14.09 |
| GILBOA____2 23757 | 19.46 0.31 -13.58 | 16.98 0.30 -11.34 | 15.73 0.31 -10.41 | 14.54 0.31 -9.24 | 15.03 0.31 -9.78 | 15.97 0.27 -10.82 | 21.74 0.21 -17.79 | 25.89 0.26 -20.79 | 27.63 0.23 -23.15 | 28.84 0.20 -24.84 | 28.73 0.15 -25.74 | 29.69 0.14 -26.82 | 30.46 0.14 -27.69 | 28.68 0.15 -25.68 | 28.85 0.16 -25.87 | 29.59 0.21 -25.65 | 31.51 0.19 -27.73 | 33.73 0.12 -31.43 | 32.05 0.13 -29.53 | 31.35 0.13 -28.75 | 32.27 0.12 -29.78 | 26.29 0.16 -23.04 | 22.84 0.19 -19.14 | 18.36 0.23 -14.09 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| GILBOA___3 23758 | 19.46 0.31 -13.58 | 16.98 0.30 -11.34 | 15.73 0.31 -10.41 | 14.54 0.31 -9.24 | 15.03 0.31 -9.78 | 15.97 0.27 -10.82 | 21.74 0.21 -17.79 | 25.89 0.26 -20.79 | 27.63 0.23 -23.15 | 28.84 0.20 -24.84 | 28.73 0.15 -25.74 | 29.69 0.14 -26.82 | 30.46 0.14 -27.69 | 28.68 0.15 -25.68 | 28.85 0.16 -25.87 | 29.59 0.21 -25.65 | 31.51 0.19 -27.73 | 33.73 0.12 -31.43 | 32.05 0.13 -29.53 | 31.35 0.13 -28.75 | 32.27 0.12 -29.78 | 26.29 0.16 -23.04 | 22.84 0.19 -19.14 | 18.36 0.23 -14.09 |
| GILBOA___4 23759 | 19.46 0.31 -13.58 | 16.98 0.30 -11.34 | 15.73 0.31 -10.41 | 14.54 0.31 -9.24 | 15.03 0.31 -9.78 | 15.97 0.27 -10.82 | 21.74 0.21 -17.79 | 25.89 0.26 -20.79 | 27.63 0.23 -23.15 | 28.84 0.20 -24.84 | 28.73 0.15 -25.74 | 29.69 0.14 -26.82 | 30.46 0.14 -27.69 | 28.68 0.15 -25.68 | 28.85 0.16 -25.87 | 29.59 0.21 -25.65 | 31.51 0.19 -27.73 | 33.73 0.12 -31.43 | 32.05 0.13 -29.53 | 31.35 0.13 -28.75 | 32.27 0.12 -29.78 | 26.29 0.16 -23.04 | 22.84 0.19 -19.14 | 18.36 0.23 -14.09 |
| GILBOA___ 23599 | 19.46 0.31 -13.58 | 16.98 0.30 -11.34 | 15.73 0.31 -10.41 | 14.54 0.31 -9.24 | 15.03 0.31 -9.78 | 15.97 0.27 -10.82 | 21.74 0.21 -17.79 | 25.89 0.26 -20.79 | 27.63 0.23 -23.15 | 28.84 0.20 -24.84 | 28.73 0.15 -25.74 | 29.69 0.14 -26.82 | 30.46 0.14 -27.69 | 28.68 0.15 -25.68 | 28.85 0.16 -25.87 | 29.59 0.21 -25.65 | 31.51 0.19 -27.73 | 33.73 0.12 -31.43 | 32.05 0.13 -29.53 | 31.35 0.13 -28.75 | 32.27 0.12 -29.78 | 26.29 0.16 -23.04 | 22.84 0.19 -19.14 | 18.36 0.23 -14.09 |
| GINNA___ 23603 | 11.07 -0.39 -5.90 | 11.14 -0.37 -6.17 | 9.61 -0.36 -4.96 | 9.51 -0.34 -4.86 | 9.87 -0.34 -5.27 | 11.19 -0.31 -6.63 | 18.07 -0.22 -14.55 | 21.62 -0.23 -17.00 | 22.86 -0.24 -18.84 | 23.82 -0.20 -20.21 | 23.38 -0.14 -20.68 | 24.04 -0.13 -21.44 | 24.49 -0.13 -21.98 | 23.01 -0.16 -20.32 | 23.26 -0.17 -20.60 | 23.95 -0.22 -20.43 | 25.58 -0.21 -22.21 | 27.71 -0.13 -25.66 | 26.37 -0.13 -24.11 | 25.85 -0.10 -23.47 | 26.57 -0.11 -24.32 | 21.77 -0.13 -18.81 | 18.97 -0.16 -15.63 | 15.26 -0.27 -11.50 |
| GLEN PARK___ 23778 | 9.74 -0.04 -4.22 | 10.03 -0.09 -4.78 | 8.94 -0.09 -4.02 | 8.92 -0.10 -4.02 | 9.23 -0.09 -4.39 | 10.38 -0.06 -5.57 | 16.59 -0.02 -12.86 | 18.85 0.00 -14.01 | 20.43 0.00 -16.17 | 21.41 0.01 -17.60 | 21.69 0.00 -18.85 | 22.38 0.01 -19.64 | 22.94 0.03 -20.27 | 21.67 0.02 -18.80 | 21.79 -0.01 -18.97 | 21.93 -0.01 -18.20 | 23.28 0.01 -19.69 | 25.06 -0.01 -22.89 | 23.90 0.01 -21.50 | 23.44 0.03 -20.94 | 24.08 0.03 -21.69 | 19.90 0.03 -16.78 | 17.44 -0.01 -13.94 | 14.24 -0.06 -10.26 |
| GLENWOOD_IC_1_G5 23712 | 20.35 0.67 -14.12 | 17.95 0.64 -11.97 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.46 -17.82 | 28.14 0.59 -22.71 | 30.80 0.53 -26.01 | 36.20 0.47 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.22 0.49 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.31 -34.70 | 33.69 0.30 -30.91 | 39.00 0.29 -36.34 | 34.76 0.38 -31.29 | 28.70 0.44 -24.75 | 22.75 0.53 -18.17 |
| GLENWOOD_IC_2_G1 23688 | 20.32 0.63 -14.12 | 17.67 0.60 -11.72 | 16.35 0.54 -10.80 | 15.04 0.53 -9.52 | 15.54 0.53 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.43 0.55 -21.03 | 28.47 0.51 -23.71 | 36.17 0.44 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.35 -30.17 | 35.19 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 23.66 0.42 -19.73 | 19.49 0.51 -14.94 |
| GLENWOOD_IC_3_G1 23689 | 20.32 0.63 -14.12 | 17.67 0.60 -11.72 | 16.35 0.54 -10.80 | 15.04 0.53 -9.52 | 15.54 0.53 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.43 0.55 -21.03 | 28.47 0.51 -23.71 | 36.17 0.44 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.35 -30.17 | 35.19 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 23.66 0.42 -19.73 | 19.49 0.51 -14.94 |
| GLENWOOD___4 23550 | 20.35 0.67 -14.12 | 17.95 0.64 -11.97 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.46 -17.82 | 28.14 0.59 -22.71 | 30.80 0.53 -26.01 | 36.20 0.47 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.22 0.49 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.31 -34.70 | 33.69 0.30 -30.91 | 39.00 0.29 -36.34 | 34.76 0.38 -31.29 | 28.70 0.44 -24.75 | 22.75 0.53 -18.17 |
| GLENWOOD___5 23614 | 20.35 0.67 -14.12 | 17.95 0.64 -11.97 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.46 -17.82 | 28.14 0.59 -22.71 | 30.80 0.53 -26.01 | 36.20 0.47 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.22 0.49 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.31 -34.70 | 33.69 0.30 -30.91 | 39.00 0.29 -36.34 | 34.76 0.38 -31.29 | 28.70 0.44 -24.75 | 22.75 0.53 -18.17 |
| GLOBAL GREEN_PORT_GT1 23814 | 20.75 1.06 -14.12 | 18.35 1.00 -12.00 | 16.71 0.91 -10.80 | 15.42 0.90 -9.52 | 15.89 0.87 -10.07 | 16.82 0.86 -11.08 | 22.24 0.67 -17.82 | 28.68 0.89 -22.95 | 31.39 0.80 -26.33 | 36.44 0.72 -31.92 | 35.23 0.54 -31.85 | 36.15 0.52 -32.90 | 35.54 0.52 -32.39 | 33.73 0.54 -30.33 | 33.54 0.55 -30.17 | 35.45 0.72 -30.99 | 39.19 0.69 -34.91 | 39.24 0.43 -36.63 | 37.57 0.48 -34.70 | 33.87 0.48 -30.91 | 39.17 0.46 -36.34 | 34.98 0.59 -31.29 | 29.63 0.67 -25.46 | 23.45 0.78 -18.63 |
| GLOBE___DSASP 323697 | 11.48 -0.29 -6.21 | 11.49 -0.25 -6.39 | 9.96 -0.23 -5.18 | 9.82 -0.22 -5.04 | 10.18 -0.22 -5.46 | 11.48 -0.21 -6.82 | 18.27 -0.23 -14.75 | 21.92 -0.16 -17.23 | 23.19 -0.21 -19.14 | 24.17 -0.17 -20.54 | 29.90 -0.12 -27.18 | 33.07 -0.13 -30.48 | 37.23 -0.13 -34.73 | 36.38 -0.15 -33.68 | 33.73 -0.16 -31.07 | 34.09 -0.22 -30.58 | 34.00 -0.21 -30.62 | 32.08 -0.14 -30.04 | 26.68 -0.13 -24.42 | 26.17 -0.08 -23.77 | 26.89 -0.10 -24.63 | 22.07 -0.08 -19.05 | 19.26 -0.08 -15.83 | 15.45 -0.24 -11.65 |
| GOETHSLN___LBMP 323567 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 33.49 0.45 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.49 0.35 -32.29 | 35.35 0.36 -32.17 | 35.47 0.47 -31.26 | 36.09 0.46 -32.05 | 36.08 0.28 -33.62 | 32.54 0.30 -29.86 | 31.58 0.29 -28.81 | 32.52 0.28 -29.88 | 26.96 0.37 -23.50 | 23.13 0.43 -19.19 | 20.27 0.52 -15.71 |
| GOODYEAR_LAKE_HYD 323669 | 14.25 0.30 -8.38 | 13.75 0.27 -8.14 | 12.09 0.26 -6.83 | 11.73 0.25 -6.48 | 12.17 0.26 -6.97 | 13.58 0.26 -8.45 | 21.22 0.22 -17.26 | 25.31 0.31 -20.16 | 27.00 0.29 -22.46 | 28.15 0.25 -24.10 | 28.00 0.19 -24.98 | 28.93 0.18 -26.02 | 29.68 0.18 -26.86 | 27.95 0.19 -24.91 | 28.11 0.19 -25.10 | 28.86 0.24 -24.88 | 30.72 0.24 -26.90 | 32.79 0.14 -30.47 | 31.17 0.16 -28.63 | 30.52 0.17 -27.87 | 31.40 0.16 -28.88 | 25.64 0.21 -22.34 | 22.28 0.21 -18.56 | 17.92 0.23 -13.66 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 13.77 0.16 -8.05 | 13.18 0.15 -7.69 | 11.66 0.14 -6.51 | 11.27 0.14 -6.13 | 11.68 0.14 -6.59 | 12.94 0.15 -7.92 | 19.74 0.12 -15.88 | 23.59 0.20 -18.55 | 25.15 0.17 -20.72 | 26.20 0.16 -22.23 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.52 0.11 -25.77 | 26.99 0.12 -24.02 | 26.90 0.11 -23.96 | 27.62 0.15 -23.74 | 29.20 0.15 -25.46 | 30.66 0.08 -28.39 | 28.85 0.09 -26.37 | 28.26 0.11 -25.67 | 29.06 0.10 -26.60 | 23.81 0.14 -20.57 | 20.76 0.15 -17.10 | 16.74 0.13 -12.58 |

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|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOUDEY___7 23579 | 13.77 0.16 -8.05 | 13.18 0.15 -7.69 | 11.66 0.14 -6.51 | 11.27 0.14 -6.13 | 11.68 0.14 -6.59 | 12.94 0.15 -7.92 | 19.74 0.12 -15.88 | 23.59 0.20 -18.55 | 25.15 0.17 -20.72 | 26.20 0.16 -22.23 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.52 0.11 -25.77 | 26.99 0.12 -24.02 | 26.90 0.11 -23.96 | 27.62 0.15 -23.74 | 29.20 0.15 -25.46 | 30.66 0.08 -28.39 | 28.85 0.09 -26.37 | 28.26 0.11 -25.67 | 29.06 0.10 -26.60 | 23.81 0.14 -20.57 | 20.76 0.15 -17.10 | 16.74 0.13 -12.58 |
| GOUDEY___8 23580 | 13.77 0.16 -8.05 | 13.18 0.15 -7.69 | 11.66 0.14 -6.51 | 11.27 0.14 -6.13 | 11.68 0.14 -6.59 | 12.94 0.15 -7.92 | 19.74 0.12 -15.88 | 23.59 0.20 -18.55 | 25.15 0.17 -20.72 | 26.20 0.16 -22.23 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.52 0.11 -25.77 | 26.99 0.12 -24.02 | 26.90 0.11 -23.96 | 27.62 0.15 -23.74 | 29.20 0.15 -25.46 | 30.66 0.08 -28.39 | 28.85 0.09 -26.37 | 28.26 0.11 -25.67 | 29.06 0.10 -26.60 | 23.81 0.14 -20.57 | 20.76 0.15 -17.10 | 16.74 0.13 -12.58 |
| GOWANUS_GT1_1 24077 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_2 24078 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_3 24079 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_4 24080 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_5 24084 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_6 24111 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_7 24112 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT1_8 24113 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_1 24114 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_2 24115 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_3 24116 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_4 24117 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_5 24118 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT2_6 24119 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_7 24120 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT2_8 24121 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_1 24122 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_2 24123 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_3 24124 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_4 24125 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_5 24126 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_6 24127 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_7 24128 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT3_8 24129 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_1 24130 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_2 24131 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_3 24132 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_4 24133 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| GOWANUS_GT4_5 24134 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_6 24135 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_7 24136 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GOWANUS_GT4_8 24137 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GREENIDGE___3 23582 | 12.42 0.06 -6.80 | 12.19 0.05 -6.80 | 10.65 0.04 -5.61 | 10.43 0.04 -5.39 | 10.81 0.05 -5.82 | 12.11 0.07 -7.16 | 18.91 0.08 -15.08 | 22.64 0.17 -17.62 | 24.64 0.29 -20.09 | 25.64 0.28 -21.56 | 26.42 0.21 -23.37 | 27.64 0.20 -24.72 | 28.91 0.18 -26.09 | 27.49 0.19 -24.45 | 27.13 0.18 -24.13 | 27.86 0.23 -23.89 | 29.23 0.24 -25.40 | 29.24 0.06 -26.99 | 27.45 0.08 -24.99 | 26.92 0.11 -24.33 | 27.67 0.10 -25.20 | 22.73 0.14 -19.50 | 19.84 0.13 -16.20 | 16.02 0.06 -11.92 |
| GREENIDGE___4 23583 | 12.42 0.06 -6.80 | 12.19 0.05 -6.80 | 10.65 0.04 -5.61 | 10.43 0.04 -5.39 | 10.81 0.05 -5.82 | 12.11 0.07 -7.16 | 18.91 0.08 -15.08 | 22.64 0.17 -17.62 | 24.64 0.29 -20.09 | 25.64 0.28 -21.56 | 26.42 0.21 -23.37 | 27.64 0.20 -24.72 | 28.91 0.18 -26.09 | 27.49 0.19 -24.45 | 27.13 0.18 -24.13 | 27.86 0.23 -23.89 | 29.23 0.24 -25.40 | 29.24 0.06 -26.99 | 27.45 0.08 -24.99 | 26.92 0.11 -24.33 | 27.67 0.10 -25.20 | 22.73 0.14 -19.50 | 19.84 0.13 -16.20 | 16.02 0.06 -11.92 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| GROVEVILLE___HYD 323602 | 20.43 0.61 -14.26 | 17.67 0.57 -11.75 | 16.39 0.52 -10.87 | 15.10 0.51 -9.59 | 15.60 0.51 -10.14 | 16.50 0.51 -11.12 | 21.98 0.40 -17.83 | 26.20 0.52 -20.83 | 27.94 0.49 -23.19 | 29.12 0.43 -24.88 | 28.95 0.32 -25.79 | 29.91 0.32 -26.87 | 30.68 0.31 -27.74 | 28.91 0.34 -25.72 | 29.09 0.35 -25.92 | 29.89 0.46 -25.69 | 31.81 0.44 -27.78 | 33.94 0.27 -31.49 | 32.25 0.28 -29.58 | 31.55 0.27 -28.80 | 32.47 0.26 -29.84 | 26.52 0.34 -23.08 | 23.08 0.39 -19.18 | 18.63 0.47 -14.11 |
| HAMPSHIRE___PAPER_HYD 323593 | 7.27 -0.21 -1.92 | 7.70 -0.24 -2.59 | 7.58 -0.22 -2.79 | 7.58 -0.23 -2.82 | 7.79 -0.23 -3.08 | 8.43 -0.21 -3.77 | 12.74 -0.15 -9.15 | 12.49 -0.19 -7.84 | 14.46 -0.17 -10.37 | 15.47 -0.15 -11.82 | 16.70 -0.12 -13.98 | 17.19 -0.10 -14.56 | 17.58 -0.09 -15.03 | 16.69 -0.10 -13.94 | 16.76 -0.12 -14.06 | 15.80 -0.16 -12.22 | 16.67 -0.15 -13.23 | 18.61 -0.09 -16.52 | 17.82 -0.09 -15.52 | 17.50 -0.08 -15.11 | 17.95 -0.07 -15.65 | 15.10 -0.11 -12.11 | 13.43 -0.14 -10.06 | 11.27 -0.18 -7.40 |
| HARDSCRABBLE_WT_PWR 323673 | 11.71 0.17 -5.98 | 12.41 0.15 -6.91 | 10.32 0.14 -5.18 | 10.42 0.13 -5.30 | 10.88 0.13 -5.81 | 12.69 0.13 -7.69 | 22.12 0.10 -18.28 | 26.58 0.14 -21.60 | 28.31 0.12 -23.93 | 29.52 0.11 -25.61 | 29.30 0.08 -26.38 | 30.29 0.08 -27.48 | 31.09 0.08 -28.37 | 29.24 0.08 -26.31 | 29.41 0.08 -26.51 | 30.29 0.10 -26.44 | 32.28 0.10 -28.59 | 34.46 0.06 -32.21 | 32.72 0.07 -30.26 | 32.01 0.07 -29.46 | 32.96 0.07 -30.53 | 26.81 0.10 -23.61 | 23.24 0.11 -19.62 | 18.60 0.12 -14.44 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 19.95 0.55 -13.83 | 17.35 0.52 -11.49 | 16.01 0.45 -10.56 | 14.82 0.46 -9.37 | 15.31 0.45 -9.92 | 16.22 0.45 -10.89 | 21.91 0.37 -17.80 | 26.11 0.47 -20.79 | 27.85 0.44 -23.15 | 29.03 0.39 -24.84 | 28.88 0.29 -25.75 | 29.84 0.29 -26.82 | 30.61 0.28 -27.69 | 28.83 0.31 -25.68 | 29.02 0.32 -25.87 | 29.81 0.42 -25.65 | 31.72 0.40 -27.73 | 33.86 0.24 -31.43 | 32.18 0.26 -29.53 | 31.48 0.25 -28.75 | 32.39 0.24 -29.79 | 26.45 0.31 -23.04 | 23.02 0.36 -19.15 | 18.56 0.43 -14.09 |
| HARZA MOOSE___RIVER 24016 | 10.42 0.05 -4.81 | 10.92 0.02 -5.56 | 9.47 0.02 -4.44 | 9.51 0.01 -4.51 | 9.87 0.00 -4.93 | 11.29 0.02 -6.39 | 18.85 0.04 -15.06 | 21.88 0.06 -16.97 | 23.58 0.06 -19.27 | 24.68 0.06 -20.82 | 24.83 0.04 -21.95 | 25.64 0.04 -22.87 | 26.30 0.05 -23.61 | 24.79 0.05 -21.89 | 24.92 0.03 -22.07 | 25.28 0.04 -21.50 | 26.89 0.05 -23.26 | 28.87 0.02 -26.66 | 27.47 0.04 -25.05 | 26.92 0.05 -24.38 | 27.68 0.05 -25.27 | 22.69 0.06 -19.54 | 19.78 0.04 -16.24 | 16.01 0.02 -11.95 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| HEMPSTEAD____ 23647 | 20.36 0.67 -14.12 | 17.96 0.64 -11.98 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.57 -11.08 | 22.03 0.46 -17.82 | 28.21 0.59 -22.78 | 30.90 0.53 -26.11 | 36.19 0.47 -31.92 | 35.03 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.33 -32.39 | 33.54 0.36 -30.33 | 33.36 0.37 -30.17 | 35.21 0.49 -30.99 | 38.96 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.30 -34.70 | 33.68 0.30 -30.91 | 38.99 0.29 -36.34 | 34.76 0.37 -31.29 | 28.92 0.44 -24.97 | 22.89 0.54 -18.31 |
| HICKLING___1 23621 | 13.16 0.22 -7.38 | 12.76 0.20 -7.21 | 11.22 0.19 -6.03 | 10.92 0.19 -5.74 | 11.32 0.19 -6.18 | 12.59 0.20 -7.52 | 19.38 0.18 -15.46 | 23.20 0.30 -18.06 | 24.77 0.28 -20.23 | 25.78 0.28 -21.70 | 26.49 0.21 -23.44 | 27.69 0.20 -24.76 | 28.90 0.18 -26.08 | 27.47 0.19 -24.43 | 27.15 0.18 -24.15 | 27.88 0.24 -23.90 | 29.29 0.24 -25.46 | 30.11 0.12 -27.80 | 28.14 0.14 -25.61 | 27.59 0.19 -24.93 | 28.36 0.16 -25.83 | 23.30 0.23 -19.98 | 20.35 0.24 -16.60 | 16.43 0.18 -12.21 |

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|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| HICKLING___2 23622 | 13.16 0.22 -7.38 | 12.76 0.20 -7.21 | 11.22 0.19 -6.03 | 10.92 0.19 -5.74 | 11.32 0.19 -6.18 | 12.59 0.20 -7.52 | 19.38 0.18 -15.46 | 23.20 0.30 -18.06 | 24.77 0.28 -20.23 | 25.78 0.28 -21.70 | 26.49 0.21 -23.44 | 27.69 0.20 -24.76 | 28.90 0.18 -26.08 | 27.47 0.19 -24.43 | 27.15 0.18 -24.15 | 27.88 0.24 -23.90 | 29.29 0.24 -25.46 | 30.11 0.12 -27.80 | 28.14 0.14 -25.61 | 27.59 0.19 -24.93 | 28.36 0.16 -25.83 | 23.30 0.23 -19.98 | 20.35 0.24 -16.60 | 16.43 0.18 -12.21 |
| HIGH FALLS___HY 23754 | 20.24 0.57 -14.11 | 17.54 0.53 -11.66 | 16.25 0.48 -10.77 | 14.99 0.48 -9.51 | 15.48 0.47 -10.06 | 16.39 0.47 -11.05 | 21.94 0.38 -17.82 | 26.16 0.50 -20.82 | 27.91 0.47 -23.18 | 29.08 0.41 -24.87 | 28.92 0.30 -25.78 | 29.88 0.30 -26.85 | 30.65 0.29 -27.72 | 28.87 0.32 -25.71 | 29.05 0.33 -25.90 | 29.85 0.43 -25.68 | 31.76 0.41 -27.77 | 33.91 0.25 -31.47 | 32.22 0.27 -29.57 | 31.52 0.26 -28.78 | 32.44 0.26 -29.82 | 26.49 0.33 -23.07 | 23.05 0.38 -19.17 | 18.59 0.44 -14.10 |
| HILLBURN___GT 23639 | 20.01 0.56 -13.88 | 17.39 0.53 -11.52 | 16.05 0.45 -10.59 | 14.86 0.46 -9.40 | 15.35 0.46 -9.94 | 16.24 0.46 -10.91 | 21.92 0.37 -17.81 | 26.12 0.48 -20.80 | 27.86 0.45 -23.16 | 29.05 0.40 -24.84 | 28.89 0.30 -25.75 | 29.85 0.29 -26.83 | 30.61 0.28 -27.69 | 28.84 0.31 -25.68 | 29.02 0.32 -25.88 | 29.81 0.42 -25.65 | 31.73 0.41 -27.74 | 33.87 0.25 -31.44 | 32.19 0.26 -29.54 | 31.49 0.25 -28.75 | 32.40 0.24 -29.79 | 26.45 0.32 -23.05 | 23.03 0.37 -19.15 | 18.57 0.44 -14.09 |
| HISHELDN_WT_PWR 323625 | 11.69 -0.14 -6.26 | 11.66 -0.11 -6.42 | 10.12 -0.11 -5.22 | 9.97 -0.10 -5.07 | 10.33 -0.10 -5.49 | 11.63 -0.09 -6.85 | 18.41 -0.12 -14.78 | 22.13 0.02 -17.27 | 23.40 -0.04 -19.18 | 24.37 -0.01 -20.58 | 31.93 0.01 -29.08 | 35.86 -0.01 -33.15 | 41.13 -0.02 -38.52 | 40.48 -0.03 -37.66 | 36.95 -0.05 -34.17 | 37.26 -0.07 -33.59 | 36.64 -0.05 -33.11 | 33.51 -0.05 -31.37 | 26.83 -0.03 -24.47 | 26.32 0.02 -23.82 | 27.04 0.00 -24.68 | 22.23 0.05 -19.09 | 19.42 0.05 -15.86 | 15.59 -0.12 -11.67 |
| HOLTSVILLE_IC_1 23690 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| HOLTSVILLE_IC_10 23699 | 20.49 0.80 -14.12 | 18.10 0.76 -12.00 | 16.48 0.68 -10.80 | 15.19 0.67 -9.52 | 15.67 0.66 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.18 0.60 -26.33 | 36.25 0.53 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.54 -30.99 | 39.00 0.50 -34.91 | 39.12 0.31 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| HOLTSVILLE_IC_2 23691 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| HOLTSVILLE_IC_3 23692 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| HOLTSVILLE_IC_4 23693 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| HOLTSVILLE_IC_5 23694 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| HOLTSVILLE_IC_6 23695 | 20.49 0.80 -14.12 | 18.10 0.76 -12.00 | 16.48 0.68 -10.80 | 15.19 0.67 -9.52 | 15.67 0.66 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.18 0.60 -26.33 | 36.25 0.53 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.54 -30.99 | 39.00 0.50 -34.91 | 39.12 0.31 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| HOLTSVILLE_IC_7 23696 | 20.49 0.80 -14.12 | 18.10 0.76 -12.00 | 16.48 0.68 -10.80 | 15.19 0.67 -9.52 | 15.67 0.66 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.18 0.60 -26.33 | 36.25 0.53 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.54 -30.99 | 39.00 0.50 -34.91 | 39.12 0.31 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| HOLTSVILLE_IC_8 23697 | 20.49 0.80 -14.12 | 18.10 0.76 -12.00 | 16.48 0.68 -10.80 | 15.19 0.67 -9.52 | 15.67 0.66 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.18 0.60 -26.33 | 36.25 0.53 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.54 -30.99 | 39.00 0.50 -34.91 | 39.12 0.31 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| HOLTSVILLE_IC_9 23698 | 20.49 0.80 -14.12 | 18.10 0.76 -12.00 | 16.48 0.68 -10.80 | 15.19 0.67 -9.52 | 15.67 0.66 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.18 0.60 -26.33 | 36.25 0.53 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.54 -30.99 | 39.00 0.50 -34.91 | 39.12 0.31 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| HOWARD_WT_PWR 323690 | 12.80 0.25 -6.99 | 12.51 0.22 -6.94 | 10.95 0.20 -5.75 | 10.70 0.20 -5.50 | 11.08 0.20 -5.94 | 12.37 0.22 -7.28 | 19.16 0.19 -15.22 | 22.97 0.34 -17.78 | 24.53 0.34 -19.94 | 25.53 0.33 -21.39 | 27.12 0.26 -24.03 | 28.68 0.24 -25.71 | 30.43 0.22 -27.57 | 29.11 0.23 -26.04 | 28.37 0.22 -25.33 | 29.06 0.29 -25.04 | 30.19 0.30 -26.30 | 30.32 0.15 -27.99 | 27.76 0.17 -25.20 | 27.23 0.22 -24.54 | 27.98 0.20 -25.42 | 23.03 0.28 -19.66 | 20.14 0.29 -16.34 | 16.27 0.21 -12.02 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|
| HQ_GEN_CEDARS 23644 | 4.37 -0.26 0.94 | 4.83 -0.25 0.26 | 5.97 -0.24 -1.19 | 5.98 -0.24 -1.22 | 6.04 -0.24 -1.34 | 5.96 -0.24 -1.33 | 7.41 -0.19 -3.85 | 4.01 -0.25 0.59 | 5.07 -0.20 -1.02 | 6.03 -0.19 -2.41 | 8.50 -0.14 -5.80 | 8.64 -0.13 -6.04 | 8.75 -0.12 -6.23 | 8.49 -0.14 -5.78 | 8.52 -0.14 -5.83 | 6.06 -0.18 -2.51 | 6.15 -0.17 -2.74 | 9.51 -0.11 -7.43 | 9.26 -0.11 -6.98 | 9.15 -0.12 -6.79 | 9.30 -0.11 -7.04 | 8.38 -0.15 -5.45 | 7.85 -0.18 -4.52 | 7.18 -0.19 -3.33 |
| HQ_GEN_CEDARS_PROXY 323590 | 4.37 -0.26 0.94 | 4.83 -0.25 0.26 | 5.97 -0.24 -1.19 | 5.98 -0.24 -1.22 | 6.04 -0.24 -1.34 | 5.96 -0.24 -1.33 | 7.41 -0.19 -3.85 | 4.01 -0.25 0.59 | 5.07 -0.20 -1.02 | 6.03 -0.19 -2.41 | 8.50 -0.14 -5.80 | 8.64 -0.13 -6.04 | 8.75 -0.12 -6.23 | 8.49 -0.14 -5.78 | 8.52 -0.14 -5.83 | 6.06 -0.18 -2.51 | 6.15 -0.17 -2.74 | 9.51 -0.11 -7.43 | 9.26 -0.11 -6.98 | 9.15 -0.12 -6.79 | 9.30 -0.11 -7.04 | 8.38 -0.15 -5.45 | 7.85 -0.18 -4.52 | 7.18 -0.19 -3.33 |
| HQ_GEN_IMPORT 323601 | 5.41 -0.14 0.01 | 5.41 -0.14 -0.20 | 5.41 -0.13 -0.53 | 5.41 -0.12 -0.54 | 5.41 -0.12 -0.59 | 5.41 -0.13 -0.66 | 5.41 -0.10 -1.76 | 5.41 -0.14 -0.70 | 5.41 -0.11 -1.27 | 5.41 -0.10 -1.71 | 5.41 -0.08 -2.65 | 5.41 -0.07 -2.76 | 5.41 -0.07 -2.85 | 5.41 -0.08 -2.64 | 5.41 -0.07 -2.66 | 5.41 -0.10 -1.77 | 5.41 -0.10 -1.92 | 5.41 -0.06 -3.28 | 5.41 -0.06 -3.08 | 5.41 -0.07 -3.00 | 5.41 -0.06 -3.11 | 5.41 -0.09 -2.40 | 5.41 -0.10 -2.00 | 5.41 -0.10 -1.47 |
| HQ_GEN_WHEEL 23651 | 5.41 -0.14 0.01 | 5.41 -0.14 -0.20 | 5.41 -0.13 -0.53 | 5.41 -0.12 -0.54 | 5.41 -0.12 -0.59 | 5.41 -0.13 -0.66 | 5.41 -0.10 -1.76 | 5.41 -0.14 -0.70 | 5.41 -0.11 -1.27 | 5.41 -0.10 -1.71 | 5.41 -0.08 -2.65 | 5.41 -0.07 -2.76 | 5.41 -0.07 -2.85 | 5.41 -0.08 -2.64 | 5.41 -0.07 -2.66 | 5.41 -0.10 -1.77 | 5.41 -0.10 -1.92 | 5.41 -0.06 -3.28 | 5.41 -0.06 -3.08 | 5.41 -0.07 -3.00 | 5.41 -0.06 -3.11 | 5.41 -0.09 -2.40 | 5.41 -0.10 -2.00 | 5.41 -0.10 -1.47 |
| HUDSON AVE_GT_3 23810 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.36 0.56 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 33.03 0.46 -28.77 | 35.16 0.34 -31.98 | 35.47 0.34 -32.41 | 35.49 0.33 -32.52 | 34.88 0.36 -31.67 | 34.74 0.36 -31.55 | 34.87 0.48 -30.65 | 35.64 0.46 -31.59 | 35.87 0.28 -33.40 | 32.55 0.30 -29.86 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.44 -19.19 | 20.27 0.52 -15.71 |
| HUDSON AVE_GT_4 23540 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.36 0.56 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 33.03 0.46 -28.77 | 35.16 0.34 -31.98 | 35.47 0.34 -32.41 | 35.49 0.33 -32.52 | 34.88 0.36 -31.67 | 34.74 0.36 -31.55 | 34.87 0.48 -30.65 | 35.64 0.46 -31.59 | 35.87 0.28 -33.40 | 32.55 0.30 -29.86 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.44 -19.19 | 20.27 0.52 -15.71 |
| HUDSON AVE_GT_5 23657 | 20.33 0.65 -14.12 | 17.62 0.61 -11.66 | 16.36 0.56 -10.80 | 15.05 0.53 -9.52 | 15.54 0.53 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.98 0.52 -23.21 | 33.03 0.46 -28.77 | 35.16 0.34 -31.98 | 35.47 0.34 -32.41 | 35.49 0.33 -32.52 | 34.88 0.36 -31.67 | 34.74 0.36 -31.55 | 34.87 0.48 -30.65 | 35.64 0.46 -31.59 | 35.87 0.28 -33.40 | 32.55 0.30 -29.86 | 31.59 0.29 -28.81 | 32.53 0.28 -29.88 | 26.96 0.37 -23.50 | 23.14 0.44 -19.19 | 20.27 0.52 -15.71 |
| HUDSON_AVE_10 24168 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.97 0.50 -23.21 | 29.66 0.44 -25.42 | 31.54 0.33 -28.36 | 31.88 0.32 -28.83 | 31.14 0.32 -28.19 | 30.40 0.35 -27.21 | 30.27 0.35 -27.09 | 30.39 0.47 -26.19 | 32.35 0.45 -28.32 | 34.29 0.27 -31.83 | 32.54 0.29 -29.86 | 31.58 0.29 -28.81 | 32.52 0.28 -29.88 | 26.96 0.36 -23.50 | 23.13 0.43 -19.19 | 20.26 0.51 -15.71 |
| HUNTER MOUNT___DRP 323613 | 20.63 0.46 -14.61 | 17.74 0.43 -11.96 | 16.52 0.40 -11.11 | 15.16 0.39 -9.77 | 15.67 0.40 -10.33 | 16.54 0.39 -11.27 | 21.88 0.30 -17.84 | 26.07 0.37 -20.85 | 27.82 0.35 -23.21 | 29.01 0.30 -24.91 | 28.88 0.22 -25.82 | 29.83 0.21 -26.89 | 30.60 0.21 -27.76 | 28.82 0.23 -25.75 | 29.01 0.24 -25.94 | 29.76 0.31 -25.72 | 31.69 0.30 -27.81 | 33.89 0.19 -31.52 | 32.19 0.19 -29.61 | 31.49 0.18 -28.83 | 32.42 0.18 -29.87 | 26.43 0.23 -23.10 | 22.97 0.26 -19.20 | 18.50 0.34 -14.13 |
| HUNTINGTON_RES_REC 323705 | 20.41 0.73 -14.12 | 18.04 0.69 -12.00 | 16.41 0.61 -10.80 | 15.12 0.61 -9.52 | 15.62 0.60 -10.07 | 16.56 0.61 -11.08 | 22.06 0.49 -17.82 | 28.41 0.62 -22.94 | 31.14 0.56 -26.33 | 36.21 0.49 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.33 -32.39 | 33.55 0.36 -30.33 | 33.37 0.37 -30.17 | 35.21 0.49 -30.99 | 38.96 0.46 -34.91 | 39.10 0.29 -36.63 | 37.41 0.31 -34.70 | 33.69 0.31 -30.91 | 39.00 0.30 -36.34 | 34.77 0.38 -31.29 | 29.43 0.47 -25.45 | 23.24 0.58 -18.62 |
| HUNTLEY___63 23557 | 11.67 -0.13 -6.23 | 11.66 -0.09 -6.41 | 10.12 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.09 -5.48 | 11.63 -0.07 -6.83 | 18.40 -0.11 -14.76 | 22.13 0.03 -17.25 | 23.39 -0.03 -19.16 | 24.35 -0.01 -20.56 | 31.18 0.01 -28.33 | 34.81 -0.01 -32.09 | 39.64 -0.02 -37.02 | 38.92 -0.03 -36.10 | 35.73 -0.04 -32.95 | 36.07 -0.06 -32.40 | 35.66 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.30 0.03 -23.79 | 27.01 0.00 -24.65 | 22.21 0.05 -19.07 | 19.41 0.06 -15.85 | 15.58 -0.12 -11.66 |
| HUNTLEY___64 23558 | 11.67 -0.13 -6.23 | 11.66 -0.09 -6.41 | 10.12 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.09 -5.48 | 11.63 -0.07 -6.83 | 18.40 -0.11 -14.76 | 22.13 0.03 -17.25 | 23.39 -0.03 -19.16 | 24.35 -0.01 -20.56 | 31.18 0.01 -28.33 | 34.81 -0.01 -32.09 | 39.64 -0.02 -37.02 | 38.92 -0.03 -36.10 | 35.73 -0.04 -32.95 | 36.07 -0.06 -32.40 | 35.66 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.30 0.03 -23.79 | 27.01 0.00 -24.65 | 22.21 0.05 -19.07 | 19.41 0.06 -15.85 | 15.58 -0.12 -11.66 |
| HUNTLEY___65 23559 | 11.67 -0.13 -6.23 | 11.66 -0.09 -6.41 | 10.12 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.09 -5.48 | 11.63 -0.07 -6.83 | 18.40 -0.11 -14.76 | 22.13 0.03 -17.25 | 23.39 -0.03 -19.16 | 24.35 -0.01 -20.56 | 31.18 0.01 -28.33 | 34.81 -0.01 -32.09 | 39.64 -0.02 -37.02 | 38.92 -0.03 -36.10 | 35.73 -0.04 -32.95 | 36.07 -0.06 -32.40 | 35.66 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.30 0.03 -23.79 | 27.01 0.00 -24.65 | 22.21 0.05 -19.07 | 19.41 0.06 -15.85 | 15.58 -0.12 -11.66 |
| HUNTLEY___66 23560 | 11.67 -0.13 -6.23 | 11.66 -0.09 -6.41 | 10.12 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.09 -5.48 | 11.63 -0.07 -6.83 | 18.40 -0.11 -14.76 | 22.13 0.03 -17.25 | 23.39 -0.03 -19.16 | 24.35 -0.01 -20.56 | 31.18 0.01 -28.33 | 34.81 -0.01 -32.09 | 39.64 -0.02 -37.02 | 38.92 -0.03 -36.10 | 35.73 -0.04 -32.95 | 36.07 -0.06 -32.40 | 35.66 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.30 0.03 -23.79 | 27.01 0.00 -24.65 | 22.21 0.05 -19.07 | 19.41 0.06 -15.85 | 15.58 -0.12 -11.66 |
| HUNTLEY___67 23561 | 11.62 -0.19 -6.24 | 11.60 -0.16 -6.41 | 10.07 -0.15 -5.21 | 9.92 -0.14 -5.06 | 10.29 -0.14 -5.48 | 11.59 -0.12 -6.84 | 18.37 -0.15 -14.77 | 22.06 -0.04 -17.26 | 23.34 -0.09 -19.17 | 24.31 -0.06 -20.57 | 38.93 -0.03 -36.12 | 45.75 -0.05 -43.08 | 55.26 -0.05 -52.68 | 55.36 -0.07 -52.57 | 48.50 -0.08 -45.76 | 48.43 -0.11 -44.81 | 45.81 -0.10 -42.32 | 38.33 -0.08 -36.22 | 26.78 -0.06 -24.45 | 26.28 -0.01 -23.80 | 26.99 -0.04 -24.66 | 22.18 0.01 -19.08 | 19.37 0.01 -15.85 | 15.55 -0.15 -11.66 |

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| HUNTLEY___68 23562 | 11.62 -0.19 -6.24 | 11.60 -0.16 -6.41 | 10.07 -0.15 -5.21 | 9.92 -0.14 -5.06 | 10.28 -0.14 -5.48 | 11.58 -0.13 -6.84 | 18.36 -0.15 -14.77 | 22.06 -0.04 -17.26 | 23.34 -0.09 -19.17 | 24.31 -0.06 -20.57 | 38.92 -0.03 -36.11 | 45.74 -0.05 -43.06 | 55.24 -0.06 -52.66 | 55.33 -0.07 -52.55 | 48.48 -0.08 -45.74 | 48.41 -0.12 -44.79 | 45.79 -0.10 -42.31 | 38.32 -0.08 -36.21 | 26.78 -0.06 -24.45 | 26.27 -0.01 -23.80 | 26.99 -0.04 -24.66 | 22.18 0.01 -19.08 | 19.37 0.00 -15.85 | 15.55 -0.16 -11.66 |
| HYLAND___LFGE 323620 | 12.31 0.13 -6.61 | 12.13 0.12 -6.67 | 10.59 0.11 -5.48 | 10.39 0.11 -5.28 | 10.77 0.12 -5.71 | 12.09 0.16 -7.06 | 18.89 0.16 -14.99 | 22.65 0.30 -17.51 | 24.08 0.25 -19.57 | 25.05 0.25 -20.99 | 25.61 0.20 -22.57 | 26.72 0.19 -23.81 | 27.84 0.18 -25.03 | 26.43 0.17 -23.41 | 26.17 0.16 -23.19 | 26.90 0.21 -22.96 | 28.29 0.21 -24.49 | 29.20 0.11 -26.91 | 27.35 0.14 -24.82 | 26.84 0.19 -24.17 | 27.57 0.17 -25.04 | 22.69 0.23 -19.37 | 19.83 0.23 -16.09 | 16.01 0.13 -11.84 |
| INDECK___CORINTH 23802 | 22.11 0.45 -16.10 | 18.65 0.42 -12.88 | 17.45 0.38 -12.06 | 15.88 0.38 -10.50 | 16.39 0.38 -11.07 | 17.19 0.41 -11.90 | 21.97 0.32 -17.90 | 26.40 0.42 -21.14 | 28.07 0.36 -23.45 | 29.22 0.32 -25.10 | 28.94 0.24 -25.86 | 29.87 0.21 -26.94 | 30.64 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.22 -25.98 | 29.95 0.30 -25.91 | 31.89 0.29 -28.02 | 33.95 0.19 -31.57 | 32.25 0.20 -29.66 | 31.55 0.20 -28.88 | 32.48 0.19 -29.92 | 26.47 0.24 -23.15 | 23.03 0.29 -19.23 | 18.57 0.38 -14.15 |
| INDECK___ILION 23567 | 11.67 0.12 -5.98 | 12.37 0.11 -6.91 | 10.29 0.10 -5.18 | 10.39 0.10 -5.30 | 10.84 0.09 -5.81 | 12.66 0.10 -7.69 | 22.10 0.08 -18.28 | 26.55 0.10 -21.60 | 28.28 0.09 -23.93 | 29.49 0.08 -25.61 | 29.28 0.06 -26.38 | 30.27 0.06 -27.48 | 31.06 0.06 -28.37 | 29.22 0.06 -26.31 | 29.39 0.06 -26.51 | 30.26 0.07 -26.44 | 32.25 0.07 -28.59 | 34.44 0.04 -32.21 | 32.70 0.05 -30.26 | 32.00 0.05 -29.46 | 32.94 0.05 -30.53 | 26.78 0.07 -23.61 | 23.21 0.08 -19.62 | 18.57 0.09 -14.44 |
| INDECK___OLEAN 23982 | 12.33 0.16 -6.61 | 12.17 0.16 -6.67 | 10.63 0.15 -5.47 | 10.43 0.16 -5.28 | 10.81 0.16 -5.71 | 12.11 0.18 -7.06 | 18.86 0.12 -14.99 | 22.67 0.32 -17.51 | 24.01 0.26 -19.49 | 24.96 0.25 -20.91 | 30.60 0.20 -27.55 | 33.76 0.17 -30.87 | 37.92 0.16 -35.13 | 37.07 0.17 -34.05 | 34.42 0.15 -31.44 | 34.88 0.19 -30.95 | 34.82 0.21 -31.03 | 32.70 0.10 -30.42 | 27.32 0.13 -24.81 | 26.81 0.19 -24.15 | 27.54 0.15 -25.02 | 22.68 0.24 -19.35 | 19.85 0.25 -16.08 | 16.00 0.13 -11.83 |
| INDECK___OSWEGO 23783 | 10.54 -0.09 -5.07 | 10.71 -0.09 -5.45 | 9.30 -0.08 -4.37 | 9.24 -0.08 -4.32 | 9.56 -0.08 -4.70 | 10.77 -0.07 -5.97 | 17.09 -0.05 -13.40 | 20.29 -0.04 -15.49 | 21.52 -0.04 -17.30 | 22.38 -0.03 -18.60 | 22.20 -0.02 -19.38 | 22.90 -0.02 -20.19 | 23.46 -0.02 -20.84 | 22.16 -0.02 -19.33 | 22.41 -0.03 -19.62 | 23.15 -0.04 -19.45 | 24.59 -0.03 -21.04 | 26.14 -0.02 -23.97 | 24.89 -0.02 -22.52 | 24.40 -0.01 -21.93 | 25.07 -0.01 -22.72 | 20.65 -0.02 -17.58 | 18.09 -0.02 -14.60 | 14.72 -0.06 -10.74 |
| INDECK___YERKES 23781 | 11.68 -0.12 -6.23 | 11.66 -0.09 -6.41 | 10.13 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.08 -5.48 | 11.64 -0.07 -6.83 | 18.40 -0.10 -14.76 | 22.13 0.04 -17.25 | 23.40 -0.02 -19.16 | 24.36 0.00 -20.56 | 31.19 0.02 -28.33 | 34.81 -0.01 -32.09 | 39.65 -0.01 -37.02 | 38.92 -0.02 -36.10 | 35.73 -0.04 -32.95 | 36.08 -0.06 -32.40 | 35.67 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.31 0.03 -23.79 | 27.02 0.00 -24.65 | 22.21 0.05 -19.07 | 19.42 0.06 -15.85 | 15.59 -0.11 -11.66 |
| INDIAN POINT_GT_1 24139 | 20.18 0.55 -14.07 | 17.50 0.52 -11.63 | 16.17 0.44 -10.72 | 14.94 0.45 -9.49 | 15.44 0.45 -10.04 | 16.38 0.46 -11.05 | 21.93 0.37 -17.82 | 26.14 0.47 -20.82 | 27.88 0.43 -23.19 | 29.17 0.38 -24.98 | 29.07 0.29 -25.95 | 30.01 0.28 -27.01 | 30.77 0.27 -27.86 | 29.02 0.30 -25.87 | 29.20 0.31 -26.06 | 29.96 0.41 -25.82 | 31.85 0.39 -27.88 | 33.95 0.24 -31.53 | 32.22 0.25 -29.58 | 31.51 0.24 -28.79 | 32.43 0.23 -29.83 | 26.48 0.31 -23.08 | 23.04 0.36 -19.17 | 18.62 0.44 -14.15 |
| INDIAN POINT_GT_2 23659 | 20.18 0.55 -14.07 | 17.50 0.52 -11.63 | 16.17 0.44 -10.72 | 14.94 0.45 -9.49 | 15.44 0.45 -10.04 | 16.38 0.46 -11.05 | 21.93 0.37 -17.82 | 26.14 0.47 -20.82 | 27.88 0.43 -23.19 | 29.17 0.38 -24.98 | 29.07 0.29 -25.95 | 30.01 0.28 -27.01 | 30.77 0.27 -27.86 | 29.02 0.30 -25.87 | 29.20 0.31 -26.06 | 29.96 0.41 -25.82 | 31.85 0.39 -27.88 | 33.95 0.24 -31.53 | 32.22 0.25 -29.58 | 31.51 0.24 -28.79 | 32.43 0.23 -29.83 | 26.48 0.31 -23.08 | 23.04 0.36 -19.17 | 18.62 0.44 -14.15 |
| INDIAN POINT_GT_3 24019 | 20.18 0.55 -14.07 | 17.50 0.52 -11.63 | 16.17 0.44 -10.72 | 14.94 0.45 -9.49 | 15.44 0.45 -10.04 | 16.38 0.46 -11.05 | 21.93 0.37 -17.82 | 26.14 0.47 -20.82 | 27.88 0.43 -23.19 | 29.17 0.38 -24.98 | 29.07 0.29 -25.95 | 30.01 0.28 -27.01 | 30.77 0.27 -27.86 | 29.02 0.30 -25.87 | 29.20 0.31 -26.06 | 29.96 0.41 -25.82 | 31.85 0.39 -27.88 | 33.95 0.24 -31.53 | 32.22 0.25 -29.58 | 31.51 0.24 -28.79 | 32.43 0.23 -29.83 | 26.48 0.31 -23.08 | 23.04 0.36 -19.17 | 18.62 0.44 -14.15 |
| INDIAN POINT___2 23530 | 20.11 0.53 -14.01 | 17.45 0.50 -11.60 | 16.05 0.40 -10.64 | 14.90 0.44 -9.46 | 15.39 0.44 -10.01 | 16.31 0.44 -10.99 | 21.91 0.36 -17.81 | 26.12 0.46 -20.81 | 27.86 0.43 -23.17 | 29.04 0.38 -24.86 | 28.89 0.28 -25.77 | 29.85 0.28 -26.84 | 30.62 0.27 -27.71 | 28.84 0.30 -25.70 | 29.02 0.30 -25.89 | 29.81 0.40 -25.67 | 31.73 0.38 -27.76 | 33.88 0.23 -31.46 | 32.19 0.25 -29.56 | 31.49 0.24 -28.77 | 32.41 0.23 -29.81 | 26.45 0.30 -23.06 | 23.02 0.35 -19.16 | 18.56 0.42 -14.10 |
| INDIAN POINT___3 23531 | 20.17 0.53 -14.07 | 17.48 0.50 -11.64 | 16.19 0.44 -10.75 | 14.93 0.44 -9.50 | 15.42 0.44 -10.05 | 16.41 0.44 -11.09 | 21.92 0.36 -17.82 | 26.13 0.46 -20.83 | 27.88 0.43 -23.19 | 29.18 0.37 -25.00 | 29.09 0.28 -25.97 | 30.03 0.27 -27.03 | 30.79 0.27 -27.88 | 29.04 0.29 -25.90 | 29.21 0.30 -26.09 | 29.98 0.40 -25.84 | 31.86 0.38 -27.90 | 33.97 0.23 -31.54 | 32.23 0.25 -29.59 | 31.52 0.24 -28.80 | 32.43 0.23 -29.84 | 26.48 0.29 -23.09 | 23.04 0.35 -19.18 | 18.62 0.43 -14.16 |
| IP CORINTH___1 23988 | 22.11 0.45 -16.10 | 18.65 0.42 -12.88 | 17.45 0.38 -12.06 | 15.88 0.38 -10.50 | 16.39 0.38 -11.07 | 17.19 0.41 -11.90 | 21.97 0.32 -17.90 | 26.40 0.42 -21.14 | 28.07 0.36 -23.45 | 29.22 0.32 -25.10 | 28.94 0.24 -25.86 | 29.87 0.21 -26.94 | 30.64 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.22 -25.98 | 29.95 0.30 -25.91 | 31.89 0.29 -28.02 | 33.95 0.19 -31.57 | 32.25 0.20 -29.66 | 31.55 0.20 -28.88 | 32.48 0.19 -29.92 | 26.47 0.24 -23.15 | 23.03 0.29 -19.23 | 18.57 0.38 -14.15 |
| IP___TICONDEROGA 23804 | 21.86 0.55 -15.75 | 18.56 0.56 -12.66 | 17.32 0.48 -11.83 | 15.81 0.49 -10.33 | 16.31 0.48 -10.89 | 17.16 0.54 -11.76 | 22.06 0.42 -17.89 | 26.43 0.48 -21.10 | 28.05 0.37 -23.42 | 29.20 0.33 -25.07 | 28.94 0.25 -25.85 | 29.88 0.22 -26.93 | 30.64 0.20 -27.80 | 28.86 0.23 -25.78 | 29.03 0.23 -25.98 | 29.94 0.32 -25.89 | 31.87 0.29 -27.99 | 33.96 0.21 -31.56 | 32.25 0.21 -29.65 | 31.55 0.21 -28.87 | 32.48 0.20 -29.91 | 26.48 0.25 -23.14 | 23.09 0.35 -19.23 | 18.68 0.50 -14.15 |
| ISLIP_RES_REC 323679 | 20.51 0.83 -14.12 | 18.13 0.78 -12.00 | 16.50 0.70 -10.80 | 15.21 0.69 -9.52 | 15.69 0.68 -10.07 | 16.63 0.68 -11.08 | 22.10 0.54 -17.82 | 28.47 0.69 -22.94 | 31.21 0.63 -26.33 | 36.28 0.56 -31.92 | 35.10 0.41 -31.85 | 36.03 0.40 -32.90 | 35.42 0.40 -32.39 | 33.61 0.42 -30.33 | 33.42 0.43 -30.17 | 35.29 0.56 -30.99 | 39.02 0.52 -34.91 | 39.14 0.33 -36.63 | 37.46 0.36 -34.70 | 33.75 0.36 -30.91 | 39.06 0.35 -36.34 | 34.84 0.45 -31.29 | 29.47 0.52 -25.44 | 23.28 0.63 -18.62 |

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|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| JARVIS____ 23743 | 11.61 0.07 -5.98 | 12.32 0.06 -6.91 | 10.24 0.06 -5.18 | 10.35 0.06 -5.30 | 10.80 0.05 -5.81 | 12.62 0.05 -7.69 | 22.06 0.04 -18.28 | 26.50 0.05 -21.60 | 28.24 0.05 -23.93 | 29.45 0.04 -25.61 | 29.26 0.03 -26.38 | 30.24 0.03 -27.48 | 31.04 0.03 -28.37 | 29.19 0.03 -26.31 | 29.36 0.03 -26.51 | 30.22 0.04 -26.44 | 32.22 0.04 -28.59 | 34.42 0.02 -32.21 | 32.68 0.03 -30.26 | 31.97 0.03 -29.46 | 32.92 0.03 -30.53 | 26.74 0.04 -23.61 | 23.17 0.04 -19.62 | 18.52 0.04 -14.44 |
| JENNISON____1 23625 | 14.27 0.31 -8.40 | 13.57 0.26 -7.97 | 12.02 0.24 -6.77 | 11.59 0.23 -6.36 | 12.01 0.23 -6.83 | 13.30 0.25 -8.18 | 20.22 0.22 -16.26 | 24.16 0.32 -19.00 | 25.73 0.28 -21.20 | 26.80 0.26 -22.74 | 26.98 0.19 -23.94 | 28.00 0.19 -25.08 | 28.92 0.19 -26.10 | 27.35 0.20 -24.30 | 27.30 0.18 -24.30 | 28.05 0.24 -24.07 | 29.71 0.25 -25.87 | 31.28 0.14 -28.96 | 29.53 0.16 -26.98 | 28.94 0.19 -26.27 | 29.76 0.18 -27.21 | 24.37 0.23 -21.05 | 21.23 0.23 -17.49 | 17.12 0.21 -12.87 |
| JENNISON____2 23626 | 14.27 0.31 -8.40 | 13.57 0.26 -7.97 | 12.02 0.24 -6.77 | 11.59 0.23 -6.36 | 12.01 0.23 -6.83 | 13.30 0.25 -8.18 | 20.22 0.22 -16.26 | 24.16 0.32 -19.00 | 25.73 0.28 -21.20 | 26.80 0.26 -22.74 | 26.98 0.19 -23.94 | 28.00 0.19 -25.08 | 28.92 0.19 -26.10 | 27.35 0.20 -24.30 | 27.30 0.18 -24.30 | 28.05 0.24 -24.07 | 29.71 0.25 -25.87 | 31.28 0.14 -28.96 | 29.53 0.16 -26.98 | 28.94 0.19 -26.27 | 29.76 0.18 -27.21 | 24.37 0.23 -21.05 | 21.23 0.23 -17.49 | 17.12 0.21 -12.87 |
| JERICHO_RISE_WT_PWR 323719 | 4.13 -0.21 1.23 | 4.60 -0.19 0.56 | 5.87 -0.17 -1.04 | 5.89 -0.16 -1.06 | 5.94 -0.16 -1.16 | 5.78 -0.18 -1.08 | 6.89 -0.14 -3.28 | 3.16 -0.19 1.49 | 4.59 -0.17 -0.50 | 5.54 -0.15 -1.89 | 8.07 -0.11 -5.34 | 8.19 -0.10 -5.56 | 8.28 -0.10 -5.74 | 8.05 -0.12 -5.33 | 8.07 -0.12 -5.37 | 5.54 -0.16 -1.96 | 5.59 -0.15 -2.15 | 8.56 -0.08 -6.45 | 8.37 -0.08 -6.06 | 8.28 -0.09 -5.90 | 8.40 -0.08 -6.11 | 7.71 -0.11 -4.73 | 7.31 -0.13 -3.93 | 6.80 -0.13 -2.89 |
| KEDC_PORT_JEFF_GT2 24210 | 20.48 0.80 -14.12 | 18.10 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.66 0.65 -10.07 | 16.60 0.65 -11.08 | 22.08 0.51 -17.82 | 28.44 0.65 -22.95 | 31.18 0.59 -26.33 | 36.24 0.52 -31.92 | 35.07 0.39 -31.85 | 36.00 0.37 -32.90 | 35.39 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.40 -30.17 | 35.26 0.53 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.44 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.42 -31.29 | 29.46 0.50 -25.45 | 23.27 0.60 -18.62 |
| KEDC_PORT_JEFF_GT3 24211 | 20.48 0.80 -14.12 | 18.10 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.66 0.65 -10.07 | 16.60 0.65 -11.08 | 22.08 0.51 -17.82 | 28.44 0.65 -22.95 | 31.18 0.59 -26.33 | 36.24 0.52 -31.92 | 35.07 0.39 -31.85 | 36.00 0.37 -32.90 | 35.39 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.40 -30.17 | 35.26 0.53 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.44 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.42 -31.29 | 29.46 0.50 -25.45 | 23.27 0.60 -18.62 |
| KEDC_GLWD_GT4 24219 | 20.35 0.67 -14.12 | 17.95 0.64 -11.97 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.46 -17.82 | 28.14 0.59 -22.71 | 30.80 0.53 -26.01 | 36.20 0.47 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.22 0.49 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.31 -34.70 | 33.69 0.30 -30.91 | 39.00 0.29 -36.34 | 34.76 0.38 -31.29 | 28.70 0.44 -24.75 | 22.75 0.53 -18.17 |
| KEDC_GLWD_GT5 24220 | 20.35 0.67 -14.12 | 17.95 0.64 -11.97 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.46 -17.82 | 28.14 0.59 -22.71 | 30.80 0.53 -26.01 | 36.20 0.47 -31.92 | 35.04 0.35 -31.85 | 35.97 0.34 -32.90 | 35.36 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.22 0.49 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.40 0.31 -34.70 | 33.69 0.30 -30.91 | 39.00 0.29 -36.34 | 34.76 0.38 -31.29 | 28.70 0.44 -24.75 | 22.75 0.53 -18.17 |
| KENSICO____ 23655 | 20.25 0.58 -14.11 | 17.55 0.55 -11.66 | 16.29 0.50 -10.79 | 14.99 0.48 -9.51 | 15.49 0.48 -10.06 | 16.45 0.49 -11.09 | 21.95 0.39 -17.82 | 26.18 0.50 -20.83 | 27.91 0.46 -23.19 | 29.23 0.41 -25.02 | 29.15 0.31 -26.00 | 30.08 0.30 -27.06 | 30.84 0.30 -27.91 | 29.10 0.32 -25.93 | 29.27 0.33 -26.11 | 30.04 0.44 -25.87 | 31.92 0.42 -27.91 | 33.99 0.26 -31.55 | 32.25 0.27 -29.59 | 31.54 0.26 -28.80 | 32.46 0.25 -29.84 | 26.51 0.32 -23.09 | 23.08 0.39 -19.18 | 18.67 0.47 -14.16 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 20.02 0.57 -13.88 | 17.40 0.54 -11.52 | 16.10 0.48 -10.61 | 14.87 0.48 -9.39 | 15.36 0.48 -9.94 | 16.29 0.48 -10.94 | 21.93 0.39 -17.80 | 26.14 0.50 -20.80 | 27.89 0.47 -23.16 | 29.06 0.41 -24.85 | 28.90 0.30 -25.76 | 29.86 0.30 -26.83 | 30.62 0.29 -27.70 | 28.85 0.32 -25.69 | 29.03 0.33 -25.88 | 29.82 0.43 -25.66 | 31.74 0.41 -27.74 | 33.88 0.25 -31.44 | 32.20 0.27 -29.54 | 31.50 0.26 -28.76 | 32.42 0.26 -29.80 | 26.47 0.33 -23.05 | 23.04 0.38 -19.15 | 18.58 0.44 -14.09 |
| KIAC_JFK_GT1 23816 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.50 0.54 -11.08 | 22.01 0.44 -17.82 | 26.26 0.58 -20.83 | 27.94 0.48 -23.21 | 29.63 0.41 -25.42 | 31.51 0.30 -28.36 | 31.86 0.30 -28.83 | 31.11 0.29 -28.19 | 30.38 0.32 -27.21 | 30.24 0.32 -27.09 | 30.36 0.43 -26.19 | 32.31 0.41 -28.32 | 34.27 0.25 -31.83 | 32.51 0.27 -29.86 | 31.57 0.27 -28.81 | 32.51 0.26 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.25 0.50 -15.71 |
| KIAC_JFK_GT2 23817 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.50 0.54 -11.08 | 22.01 0.44 -17.82 | 26.26 0.58 -20.83 | 27.94 0.48 -23.21 | 29.63 0.41 -25.42 | 31.51 0.30 -28.36 | 31.86 0.30 -28.83 | 31.11 0.29 -28.19 | 30.38 0.32 -27.21 | 30.24 0.32 -27.09 | 30.36 0.43 -26.19 | 32.31 0.41 -28.32 | 34.27 0.25 -31.83 | 32.51 0.27 -29.86 | 31.57 0.27 -28.81 | 32.51 0.26 -29.88 | 26.96 0.37 -23.50 | 23.14 0.43 -19.19 | 20.25 0.50 -15.71 |
| KINTIGH____ 23543 | 11.39 -0.22 -6.05 | 11.42 -0.20 -6.27 | 9.89 -0.19 -5.07 | 9.76 -0.18 -4.95 | 10.13 -0.18 -5.36 | 11.44 -0.16 -6.72 | 18.24 -0.16 -14.65 | 21.87 -0.10 -17.12 | 23.13 -0.14 -19.01 | 24.09 -0.11 -20.40 | 22.18 -0.07 -19.41 | 22.22 -0.08 -19.58 | 21.80 -0.08 -19.25 | 20.17 -0.10 -17.42 | 21.10 -0.11 -18.39 | 21.88 -0.15 -18.29 | 23.95 -0.14 -20.50 | 26.72 -0.10 -24.63 | 26.57 -0.08 -24.26 | 26.06 -0.04 -23.62 | 26.78 -0.06 -24.48 | 21.99 -0.04 -18.93 | 19.20 -0.05 -15.73 | 15.44 -0.18 -11.57 |
| LEDERLE____ 23769 | 20.09 0.58 -13.95 | 17.45 0.55 -11.56 | 16.11 0.47 -10.64 | 14.90 0.48 -9.43 | 15.40 0.48 -9.98 | 16.28 0.48 -10.93 | 21.94 0.38 -17.81 | 26.14 0.50 -20.80 | 27.88 0.46 -23.16 | 29.06 0.41 -24.85 | 28.90 0.30 -25.76 | 29.86 0.30 -26.83 | 30.63 0.29 -27.70 | 28.86 0.32 -25.69 | 29.03 0.33 -25.88 | 29.83 0.43 -25.66 | 31.75 0.42 -27.74 | 33.88 0.26 -31.44 | 32.20 0.27 -29.54 | 31.50 0.26 -28.76 | 32.41 0.25 -29.80 | 26.46 0.32 -23.05 | 23.04 0.38 -19.15 | 18.58 0.45 -14.09 |
| LINDEN COGEN____ 23786 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.51 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 33.48 0.45 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.48 0.35 -32.29 | 35.35 0.36 -32.17 | 35.47 0.47 -31.26 | 36.09 0.46 -32.05 | 36.08 0.28 -33.62 | 32.54 0.29 -29.86 | 31.58 0.28 -28.81 | 32.52 0.27 -29.88 | 26.96 0.37 -23.50 | 23.13 0.43 -19.19 | 20.26 0.51 -15.71 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| LIPA_MISC_IPP 23656 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.64 0.63 -10.07 | 16.57 0.62 -11.08 | 22.04 0.48 -17.82 | 28.40 0.61 -22.95 | 31.14 0.55 -26.33 | 36.20 0.48 -31.92 | 35.05 0.36 -31.85 | 35.97 0.35 -32.90 | 35.37 0.34 -32.39 | 33.55 0.37 -30.33 | 33.37 0.37 -30.17 | 35.21 0.49 -30.99 | 38.96 0.46 -34.91 | 39.10 0.29 -36.63 | 37.41 0.32 -34.70 | 33.70 0.31 -30.91 | 39.01 0.31 -36.34 | 34.78 0.39 -31.29 | 29.43 0.46 -25.46 | 23.24 0.57 -18.63 |
| LISF___SOLAR 323691 | 20.47 0.79 -14.12 | 18.09 0.75 -12.00 | 16.47 0.66 -10.80 | 15.17 0.66 -9.52 | 15.65 0.64 -10.07 | 16.58 0.62 -11.08 | 22.05 0.48 -17.82 | 28.40 0.61 -22.95 | 31.14 0.56 -26.33 | 36.21 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.35 -32.39 | 33.55 0.37 -30.33 | 33.37 0.38 -30.17 | 35.22 0.50 -30.99 | 38.96 0.47 -34.91 | 39.10 0.29 -36.63 | 37.42 0.32 -34.70 | 33.70 0.32 -30.91 | 39.02 0.31 -36.34 | 34.78 0.40 -31.29 | 29.43 0.46 -25.46 | 23.24 0.58 -18.62 |
| LITTLE FALLS___HYD 24013 | 11.75 0.20 -5.98 | 12.44 0.18 -6.91 | 10.36 0.17 -5.18 | 10.46 0.16 -5.30 | 10.91 0.16 -5.81 | 12.72 0.16 -7.69 | 22.15 0.13 -18.28 | 26.62 0.17 -21.60 | 28.34 0.15 -23.93 | 29.55 0.13 -25.61 | 29.32 0.10 -26.38 | 30.31 0.10 -27.48 | 31.10 0.09 -28.37 | 29.26 0.10 -26.31 | 29.43 0.09 -26.51 | 30.31 0.12 -26.44 | 32.30 0.12 -28.59 | 34.47 0.07 -32.21 | 32.73 0.08 -30.26 | 32.03 0.08 -29.46 | 32.97 0.08 -30.53 | 26.83 0.12 -23.61 | 23.26 0.13 -19.62 | 18.62 0.15 -14.44 |
| LI_NEWBRDGE___DRP 323616 | 20.35 0.66 -14.12 | 17.98 0.63 -12.00 | 16.36 0.56 -10.80 | 15.07 0.55 -9.52 | 15.57 0.55 -10.07 | 16.51 0.56 -11.08 | 22.02 0.45 -17.82 | 28.38 0.57 -22.97 | 31.13 0.51 -26.36 | 36.17 0.45 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.31 -32.39 | 33.53 0.35 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.94 0.44 -34.91 | 39.09 0.28 -36.63 | 37.38 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.46 0.42 -25.52 | 23.23 0.53 -18.67 |
| LONG_LAKE_PHOENIX 24014 | 10.64 -0.07 -5.15 | 10.79 -0.06 -5.51 | 9.32 -0.06 -4.37 | 9.26 -0.06 -4.32 | 9.59 -0.05 -4.70 | 10.81 -0.05 -5.98 | 17.11 -0.02 -13.39 | 20.49 0.00 -15.64 | 21.65 -0.01 -17.40 | 22.48 0.00 -18.67 | 22.20 0.00 -19.35 | 22.89 0.01 -20.16 | 23.45 0.00 -20.81 | 22.15 0.00 -19.30 | 22.77 -0.01 -19.96 | 23.51 -0.02 -19.79 | 24.97 -0.01 -21.40 | 26.52 -0.01 -24.35 | 25.26 -0.01 -22.88 | 24.75 0.00 -22.27 | 25.44 0.00 -23.07 | 20.94 0.00 -17.85 | 18.33 -0.01 -14.83 | 14.90 -0.05 -10.91 |
| LOVETT___3 23632 | 20.07 0.54 -13.97 | 17.43 0.51 -11.57 | 16.10 0.44 -10.65 | 14.88 0.45 -9.44 | 15.38 0.45 -9.99 | 16.25 0.44 -10.93 | 21.92 0.36 -17.81 | 26.11 0.46 -20.80 | 27.85 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.84 0.28 -26.83 | 30.61 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.86 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.02 0.35 -19.15 | 18.56 0.42 -14.09 |
| LOVETT___4 23642 | 20.07 0.54 -13.97 | 17.43 0.51 -11.57 | 16.10 0.44 -10.65 | 14.88 0.45 -9.44 | 15.38 0.45 -9.99 | 16.25 0.44 -10.93 | 21.92 0.36 -17.81 | 26.11 0.46 -20.80 | 27.85 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.84 0.28 -26.83 | 30.61 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.86 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.02 0.35 -19.15 | 18.56 0.42 -14.09 |
| LOVETT___5 23593 | 20.07 0.54 -13.97 | 17.43 0.51 -11.57 | 16.10 0.44 -10.65 | 14.88 0.45 -9.44 | 15.38 0.45 -9.99 | 16.25 0.44 -10.93 | 21.92 0.36 -17.81 | 26.11 0.46 -20.80 | 27.85 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.84 0.28 -26.83 | 30.61 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.86 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.02 0.35 -19.15 | 18.56 0.42 -14.09 |
| LOWER RAQUET___HYD 24057 | 5.20 -0.37 0.00 | 5.67 -0.38 -0.70 | 6.36 -0.36 -1.71 | 6.38 -0.36 -1.75 | 6.50 -0.36 -1.92 | 6.68 -0.36 -2.16 | 9.20 -0.26 -5.72 | 6.88 -0.35 -2.39 | 9.08 -0.32 -5.14 | 10.08 -0.29 -6.56 | 12.03 -0.22 -9.40 | 12.33 -0.20 -9.80 | 12.57 -0.18 -10.11 | 12.02 -0.21 -9.38 | 12.07 -0.21 -9.46 | 10.24 -0.28 -6.79 | 10.68 -0.27 -7.36 | 12.67 -0.16 -10.64 | 12.23 -0.16 -10.00 | 12.04 -0.17 -9.73 | 12.30 -0.15 -10.08 | 10.68 -0.21 -7.80 | 9.73 -0.26 -6.48 | 8.52 -0.29 -4.77 |
| LOWER___HUDSON 24059 | 21.89 0.36 -15.97 | 18.49 0.35 -12.80 | 17.30 0.32 -11.98 | 15.75 0.31 -10.44 | 16.26 0.31 -11.00 | 17.05 0.33 -11.85 | 21.89 0.24 -17.90 | 26.26 0.28 -21.13 | 27.94 0.24 -23.45 | 29.10 0.21 -25.10 | 28.86 0.16 -25.86 | 29.81 0.14 -26.94 | 30.58 0.13 -27.81 | 28.79 0.15 -25.79 | 28.96 0.15 -25.99 | 29.85 0.20 -25.91 | 31.80 0.19 -28.02 | 33.89 0.13 -31.58 | 32.19 0.13 -29.67 | 31.49 0.13 -28.88 | 32.42 0.12 -29.93 | 26.40 0.15 -23.15 | 22.95 0.20 -19.24 | 18.50 0.30 -14.15 |
| LWR___OSWEGATCHIE_HYD 23850 | 7.27 -0.21 -1.92 | 7.70 -0.24 -2.59 | 7.58 -0.22 -2.79 | 7.58 -0.23 -2.82 | 7.79 -0.23 -3.08 | 8.43 -0.21 -3.77 | 12.74 -0.15 -9.15 | 12.49 -0.19 -7.84 | 14.46 -0.17 -10.37 | 15.47 -0.15 -11.82 | 16.70 -0.12 -13.98 | 17.19 -0.10 -14.56 | 17.58 -0.09 -15.03 | 16.69 -0.10 -13.94 | 16.76 -0.12 -14.06 | 15.80 -0.16 -12.22 | 16.67 -0.15 -13.23 | 18.61 -0.09 -16.52 | 17.82 -0.09 -15.52 | 17.50 -0.08 -15.11 | 17.95 -0.07 -15.65 | 15.10 -0.11 -12.11 | 13.43 -0.14 -10.06 | 11.27 -0.18 -7.40 |
| LYONS_FALL_HYD 23570 | 10.42 0.05 -4.81 | 10.92 0.02 -5.56 | 9.47 0.02 -4.44 | 9.51 0.01 -4.51 | 9.87 0.00 -4.93 | 11.29 0.02 -6.39 | 18.85 0.04 -15.06 | 21.88 0.06 -16.97 | 23.58 0.06 -19.27 | 24.68 0.06 -20.82 | 24.83 0.04 -21.95 | 25.64 0.04 -22.87 | 26.30 0.05 -23.61 | 24.79 0.05 -21.89 | 24.92 0.03 -22.07 | 25.28 0.04 -21.50 | 26.89 0.05 -23.26 | 28.87 0.02 -26.66 | 27.47 0.04 -25.05 | 26.92 0.05 -24.38 | 27.68 0.05 -25.27 | 22.69 0.06 -19.54 | 19.78 0.04 -16.24 | 16.01 0.02 -11.95 |
| MADISON___COUNTY_LFGE 323628 | 11.42 0.17 -5.69 | 11.78 0.13 -6.30 | 10.04 0.13 -4.91 | 10.04 0.11 -4.93 | 10.44 0.12 -5.37 | 11.96 0.14 -6.95 | 19.89 0.13 -16.01 | 23.75 0.20 -18.71 | 25.28 0.18 -20.84 | 26.34 0.18 -22.36 | 26.14 0.13 -23.17 | 27.00 0.13 -24.14 | 27.69 0.13 -24.92 | 26.09 0.13 -23.11 | 26.22 0.12 -23.28 | 26.97 0.15 -23.08 | 28.70 0.16 -24.95 | 30.48 0.08 -28.21 | 29.00 0.10 -26.50 | 28.41 0.13 -25.80 | 29.22 0.12 -26.73 | 23.92 0.15 -20.68 | 20.83 0.14 -17.18 | 16.79 0.11 -12.64 |
| MAPLE_RIDGE_WT_1 323574 | 10.72 -0.01 -5.16 | 11.15 -0.01 -5.81 | 8.66 -0.01 -3.66 | 8.79 -0.02 -3.81 | 9.11 -0.02 -4.19 | 10.68 -0.03 -5.84 | 17.65 -0.03 -13.94 | 23.52 -0.04 -18.71 | 24.05 -0.03 -19.81 | 24.42 -0.03 -20.64 | 22.68 -0.03 -19.87 | 23.39 -0.04 -20.70 | 23.96 -0.04 -21.37 | 22.62 -0.05 -19.81 | 22.74 -0.05 -19.97 | 25.00 -0.05 -21.31 | 26.58 -0.04 -23.03 | 26.46 -0.02 -24.29 | 25.19 -0.02 -22.82 | 24.68 -0.01 -22.22 | 25.37 -0.01 -23.02 | 20.89 -0.01 -17.81 | 18.29 -0.02 -14.80 | 14.91 -0.02 -10.89 |
| MAPLE_RIDGE_WT_2 323611 | 10.72 -0.01 -5.16 | 11.15 -0.01 -5.81 | 8.66 -0.01 -3.66 | 8.79 -0.02 -3.81 | 9.11 -0.02 -4.19 | 10.68 -0.03 -5.84 | 17.65 -0.03 -13.94 | 23.52 -0.04 -18.71 | 24.05 -0.03 -19.81 | 24.42 -0.03 -20.64 | 22.68 -0.03 -19.87 | 23.39 -0.04 -20.70 | 23.96 -0.04 -21.37 | 22.62 -0.05 -19.81 | 22.74 -0.05 -19.97 | 25.00 -0.05 -21.31 | 26.58 -0.04 -23.03 | 26.46 -0.02 -24.29 | 25.19 -0.02 -22.82 | 24.68 -0.01 -22.22 | 25.37 -0.01 -23.02 | 20.89 -0.01 -17.81 | 18.29 -0.02 -14.80 | 14.91 -0.02 -10.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| MARBLE_RIVER_WT_PWR 323696 | 4.02 -0.19 1.36 | 4.48 -0.17 0.69 | 5.82 -0.15 -0.96 | 5.83 -0.15 -0.99 | 5.87 -0.15 -1.08 | 5.68 -0.16 -0.96 | 6.64 -0.12 -3.02 | 2.76 -0.17 1.91 | 4.11 -0.15 0.00 | 5.05 -0.14 -1.39 | 7.65 -0.10 -4.90 | 7.74 -0.09 -5.11 | 7.82 -0.09 -5.27 | 7.63 -0.11 -4.89 | 7.64 -0.11 -4.93 | 5.03 -0.15 -1.44 | 5.04 -0.14 -1.59 | 8.11 -0.07 -6.00 | 7.95 -0.08 -5.64 | 7.88 -0.08 -5.49 | 7.98 -0.07 -5.69 | 7.39 -0.10 -4.40 | 7.05 -0.12 -3.65 | 6.61 -0.12 -2.69 |
| MARSH_HILL_WT_PWR 323713 | 12.79 0.26 -6.97 | 12.50 0.23 -6.92 | 10.95 0.21 -5.73 | 10.70 0.21 -5.49 | 11.08 0.21 -5.93 | 12.38 0.23 -7.27 | 19.15 0.21 -15.20 | 22.96 0.35 -17.76 | 24.51 0.34 -19.91 | 25.51 0.34 -21.36 | 27.22 0.26 -24.11 | 28.82 0.25 -25.85 | 30.64 0.23 -27.78 | 29.34 0.24 -26.25 | 28.54 0.23 -25.49 | 29.23 0.30 -25.19 | 30.32 0.31 -26.42 | 30.38 0.15 -28.05 | 27.74 0.17 -25.18 | 27.21 0.22 -24.51 | 27.96 0.20 -25.40 | 23.02 0.28 -19.65 | 20.12 0.29 -16.32 | 16.27 0.22 -12.01 |
| MG INDUSTRY___DRP 24185 | 21.47 0.32 -15.59 | 18.22 0.31 -12.57 | 17.04 0.29 -11.74 | 15.54 0.29 -10.25 | 16.04 0.29 -10.81 | 16.85 0.28 -11.69 | 21.83 0.19 -17.90 | 26.13 0.22 -21.07 | 27.86 0.20 -23.40 | 29.04 0.17 -25.07 | 28.84 0.13 -25.87 | 29.80 0.12 -26.95 | 30.58 0.12 -27.82 | 28.78 0.13 -25.80 | 28.96 0.14 -26.00 | 29.80 0.18 -25.88 | 31.74 0.17 -27.98 | 33.88 0.11 -31.59 | 32.18 0.11 -29.68 | 31.48 0.11 -28.89 | 32.41 0.10 -29.94 | 26.38 0.13 -23.16 | 22.92 0.17 -19.24 | 18.42 0.23 -14.16 |
| MID___OSWEGATCHIE_HYD 23849 | 7.27 -0.21 -1.92 | 7.70 -0.24 -2.59 | 7.58 -0.22 -2.79 | 7.58 -0.23 -2.82 | 7.79 -0.23 -3.08 | 8.43 -0.21 -3.77 | 12.74 -0.15 -9.15 | 12.49 -0.19 -7.84 | 14.46 -0.17 -10.37 | 15.47 -0.15 -11.82 | 16.70 -0.12 -13.98 | 17.19 -0.10 -14.56 | 17.58 -0.09 -15.03 | 16.69 -0.10 -13.94 | 16.76 -0.12 -14.06 | 15.80 -0.16 -12.22 | 16.67 -0.15 -13.23 | 18.61 -0.09 -16.52 | 17.82 -0.09 -15.52 | 17.50 -0.08 -15.11 | 17.95 -0.07 -15.65 | 15.10 -0.11 -12.11 | 13.43 -0.14 -10.06 | 11.27 -0.18 -7.40 |
| MID___RAQUETTE_HYD 23851 | 5.20 -0.37 0.00 | 5.67 -0.38 -0.70 | 6.36 -0.36 -1.71 | 6.38 -0.36 -1.75 | 6.50 -0.36 -1.92 | 6.68 -0.36 -2.16 | 9.20 -0.26 -5.72 | 6.88 -0.35 -2.39 | 9.08 -0.32 -5.14 | 10.08 -0.29 -6.56 | 12.03 -0.22 -9.40 | 12.33 -0.20 -9.80 | 12.57 -0.18 -10.11 | 12.02 -0.21 -9.38 | 12.07 -0.21 -9.46 | 10.24 -0.28 -6.79 | 10.68 -0.27 -7.36 | 12.67 -0.16 -10.64 | 12.23 -0.16 -10.00 | 12.04 -0.17 -9.73 | 12.30 -0.15 -10.08 | 10.68 -0.21 -7.80 | 9.73 -0.26 -6.48 | 8.52 -0.29 -4.77 |
| MILLIKEN___1 23584 | 12.53 0.14 -6.82 | 12.29 0.12 -6.82 | 10.74 0.11 -5.63 | 10.51 0.11 -5.41 | 10.89 0.11 -5.84 | 12.18 0.13 -7.18 | 18.98 0.12 -15.12 | 22.70 0.19 -17.66 | 24.12 0.17 -19.70 | 25.10 0.16 -21.13 | 25.19 0.12 -22.23 | 26.12 0.12 -23.27 | 26.95 0.11 -24.21 | 25.49 0.11 -22.53 | 25.46 0.10 -22.53 | 26.20 0.14 -22.33 | 27.74 0.15 -24.01 | 29.12 0.08 -26.85 | 27.53 0.10 -25.05 | 26.98 0.12 -24.38 | 27.74 0.11 -25.26 | 22.78 0.15 -19.54 | 19.89 0.14 -16.24 | 16.10 0.11 -11.95 |
| MILLIKEN___2 23585 | 12.53 0.14 -6.82 | 12.29 0.12 -6.82 | 10.74 0.11 -5.63 | 10.51 0.11 -5.41 | 10.89 0.11 -5.84 | 12.18 0.13 -7.18 | 18.98 0.12 -15.12 | 22.70 0.19 -17.66 | 24.12 0.17 -19.70 | 25.10 0.16 -21.13 | 25.19 0.12 -22.23 | 26.12 0.12 -23.27 | 26.95 0.11 -24.21 | 25.49 0.11 -22.53 | 25.46 0.10 -22.53 | 26.20 0.14 -22.33 | 27.74 0.15 -24.01 | 29.12 0.08 -26.85 | 27.53 0.10 -25.05 | 26.98 0.12 -24.38 | 27.74 0.11 -25.26 | 22.78 0.15 -19.54 | 19.89 0.14 -16.24 | 16.10 0.11 -11.95 |
| MILLIKEN___DIESEL 23629 | 12.53 0.14 -6.82 | 12.29 0.12 -6.82 | 10.74 0.11 -5.63 | 10.51 0.11 -5.41 | 10.89 0.11 -5.84 | 12.18 0.13 -7.18 | 18.98 0.12 -15.12 | 22.70 0.19 -17.66 | 24.12 0.17 -19.70 | 25.10 0.16 -21.13 | 25.19 0.12 -22.23 | 26.12 0.12 -23.27 | 26.95 0.11 -24.21 | 25.49 0.11 -22.53 | 25.46 0.10 -22.53 | 26.20 0.14 -22.33 | 27.74 0.15 -24.01 | 29.12 0.08 -26.85 | 27.53 0.10 -25.05 | 26.98 0.12 -24.38 | 27.74 0.11 -25.26 | 22.78 0.15 -19.54 | 19.89 0.14 -16.24 | 16.10 0.11 -11.95 |
| MILLSEAT___LFGE 323607 | 11.54 -0.14 -6.12 | 11.55 -0.12 -6.32 | 10.01 -0.11 -5.12 | 9.88 -0.11 -4.99 | 10.24 -0.10 -5.41 | 11.55 -0.08 -6.77 | 18.34 -0.09 -14.69 | 22.03 0.02 -17.16 | 23.27 -0.04 -19.06 | 24.23 -0.02 -20.45 | 27.16 0.00 -24.32 | 29.20 -0.02 -26.49 | 31.70 -0.02 -29.08 | 30.57 -0.03 -27.75 | 29.21 -0.05 -26.44 | 29.75 -0.07 -26.09 | 30.44 -0.06 -26.91 | 30.17 -0.06 -28.04 | 26.68 -0.03 -24.32 | 26.18 0.02 -23.68 | 26.89 -0.01 -24.54 | 22.11 0.04 -18.98 | 19.32 0.04 -15.77 | 15.53 -0.12 -11.60 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 20.21 0.56 -14.09 | 17.52 0.53 -11.65 | 16.22 0.47 -10.75 | 14.96 0.46 -9.50 | 15.46 0.46 -10.05 | 16.41 0.47 -11.07 | 21.94 0.38 -17.82 | 26.15 0.48 -20.83 | 27.89 0.45 -23.19 | 29.18 0.39 -24.99 | 29.09 0.30 -25.96 | 30.03 0.29 -27.02 | 30.79 0.28 -27.87 | 29.04 0.31 -25.88 | 29.21 0.32 -26.07 | 29.98 0.41 -25.83 | 31.87 0.40 -27.89 | 33.97 0.24 -31.53 | 32.23 0.26 -29.58 | 31.52 0.25 -28.80 | 32.44 0.24 -29.84 | 26.49 0.31 -23.09 | 23.05 0.37 -19.18 | 18.64 0.45 -14.15 |
| MODEL_CITY_ENERGY 24167 | 11.49 -0.26 -6.19 | 11.50 -0.22 -6.37 | 9.97 -0.21 -5.17 | 9.83 -0.19 -5.03 | 10.19 -0.20 -5.45 | 11.50 -0.18 -6.81 | 18.27 -0.21 -14.74 | 21.94 -0.12 -17.22 | 23.21 -0.17 -19.12 | 24.18 -0.14 -20.52 | 28.69 -0.09 -25.94 | 31.36 -0.11 -28.74 | 34.78 -0.11 -32.26 | 33.81 -0.13 -31.08 | 31.72 -0.14 -29.04 | 32.16 -0.19 -28.61 | 32.41 -0.18 -29.01 | 31.24 -0.12 -29.18 | 26.68 -0.11 -24.40 | 26.17 -0.06 -23.75 | 26.89 -0.08 -24.61 | 22.08 -0.05 -19.04 | 19.27 -0.05 -15.82 | 15.46 -0.21 -11.64 |
| MODERN_LFGE___ 323580 | 11.49 -0.26 -6.19 | 11.50 -0.22 -6.37 | 9.97 -0.21 -5.17 | 9.83 -0.19 -5.03 | 10.19 -0.20 -5.45 | 11.50 -0.18 -6.81 | 18.27 -0.21 -14.74 | 21.94 -0.12 -17.22 | 23.21 -0.17 -19.12 | 24.18 -0.14 -20.52 | 28.69 -0.09 -25.94 | 31.36 -0.11 -28.74 | 34.78 -0.11 -32.26 | 33.81 -0.13 -31.08 | 31.72 -0.14 -29.04 | 32.16 -0.19 -28.61 | 32.41 -0.18 -29.01 | 31.24 -0.12 -29.18 | 26.68 -0.11 -24.40 | 26.17 -0.06 -23.75 | 26.89 -0.08 -24.61 | 22.08 -0.05 -19.04 | 19.27 -0.05 -15.82 | 15.46 -0.21 -11.64 |
| MOHAWK_PAPER___DRP 24187 | 21.76 0.35 -15.84 | 18.40 0.34 -12.72 | 17.22 0.31 -11.90 | 15.68 0.31 -10.38 | 16.19 0.31 -10.94 | 16.98 0.31 -11.80 | 21.86 0.21 -17.90 | 26.19 0.24 -21.11 | 27.90 0.21 -23.43 | 29.07 0.18 -25.08 | 28.85 0.14 -25.86 | 29.80 0.13 -26.94 | 30.57 0.12 -27.81 | 28.78 0.13 -25.79 | 28.95 0.14 -25.99 | 29.82 0.18 -25.90 | 31.76 0.17 -28.00 | 33.88 0.12 -31.58 | 32.18 0.12 -29.67 | 31.48 0.11 -28.88 | 32.40 0.11 -29.93 | 26.38 0.14 -23.15 | 22.92 0.18 -19.24 | 18.47 0.27 -14.15 |
| MONGAUP___HYD 23641 | 19.91 0.63 -13.72 | 17.36 0.59 -11.42 | 16.02 0.53 -10.49 | 14.84 0.53 -9.31 | 15.34 0.54 -9.86 | 16.25 0.53 -10.85 | 21.92 0.38 -17.80 | 26.12 0.49 -20.79 | 27.88 0.48 -23.15 | 29.05 0.41 -24.83 | 28.88 0.30 -25.74 | 29.84 0.30 -26.81 | 30.61 0.29 -27.68 | 28.84 0.32 -25.67 | 29.03 0.34 -25.86 | 29.81 0.43 -25.64 | 31.72 0.41 -27.72 | 33.86 0.25 -31.42 | 32.17 0.26 -29.52 | 31.47 0.25 -28.74 | 32.39 0.25 -29.78 | 26.44 0.32 -23.03 | 23.00 0.35 -19.14 | 18.55 0.42 -14.08 |
| MONTAUK___DIESEL 23721 | 20.74 1.06 -14.12 | 18.34 0.99 -12.00 | 16.71 0.90 -10.80 | 15.41 0.90 -9.52 | 15.88 0.87 -10.07 | 16.81 0.86 -11.08 | 22.24 0.67 -17.82 | 28.67 0.88 -22.95 | 31.39 0.80 -26.33 | 36.44 0.72 -31.92 | 35.23 0.54 -31.85 | 36.15 0.52 -32.90 | 35.54 0.52 -32.39 | 33.73 0.54 -30.33 | 33.54 0.55 -30.17 | 35.45 0.72 -30.99 | 39.19 0.69 -34.91 | 39.24 0.43 -36.63 | 37.57 0.48 -34.70 | 33.86 0.48 -30.91 | 39.17 0.46 -36.34 | 34.98 0.59 -31.29 | 29.63 0.66 -25.46 | 23.45 0.78 -18.63 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 20.31 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.51 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.22 0.55 -20.83 | 27.97 0.50 -23.21 | 34.89 0.44 -30.64 | 37.82 0.33 -34.64 | 37.91 0.32 -34.86 | 37.82 0.32 -34.87 | 37.61 0.35 -34.41 | 37.37 0.35 -34.19 | 37.27 0.47 -33.06 | 37.46 0.45 -33.43 | 36.77 0.27 -34.31 | 32.63 0.29 -29.95 | 31.58 0.28 -28.82 | 32.53 0.27 -29.90 | 27.08 0.35 -23.64 | 23.13 0.42 -19.20 | 20.77 0.50 -16.23 |
| MUNSVILLE_WIND_PWR 323609 | 13.93 0.39 -7.98 | 13.31 0.30 -7.66 | 11.74 0.27 -6.47 | 11.36 0.26 -6.11 | 11.77 0.26 -6.57 | 13.08 0.30 -7.91 | 19.96 0.26 -15.96 | 23.87 0.38 -18.64 | 25.39 0.33 -20.80 | 26.43 0.31 -22.32 | 26.58 0.22 -23.52 | 27.58 0.22 -24.64 | 28.50 0.22 -25.64 | 26.96 0.24 -23.88 | 26.90 0.21 -23.87 | 27.67 0.29 -23.65 | 29.30 0.30 -25.41 | 30.76 0.16 -28.41 | 29.06 0.21 -26.47 | 28.49 0.25 -25.77 | 29.29 0.23 -26.70 | 24.03 0.29 -20.65 | 20.95 0.28 -17.16 | 16.92 0.25 -12.63 |
| N SALMON___HYD 24042 | 4.41 -0.23 0.92 | 4.88 -0.22 0.24 | 6.01 -0.20 -1.20 | 6.02 -0.21 -1.23 | 6.10 -0.20 -1.35 | 6.02 -0.21 -1.35 | 7.47 -0.16 -3.89 | 4.09 -0.23 0.52 | 5.72 -0.20 -1.66 | 6.68 -0.18 -3.06 | 9.07 -0.13 -6.36 | 9.23 -0.12 -6.63 | 9.36 -0.12 -6.84 | 9.05 -0.14 -6.34 | 9.08 -0.14 -6.40 | 6.72 -0.19 -3.18 | 6.87 -0.18 -3.46 | 9.59 -0.09 -7.50 | 9.34 -0.10 -7.05 | 9.23 -0.11 -6.86 | 9.39 -0.09 -7.11 | 8.46 -0.13 -5.50 | 7.93 -0.15 -4.57 | 7.25 -0.16 -3.36 |
| N.E._GEN_SANDY PD 24062 | 21.06 0.43 -15.07 | 18.00 0.42 -12.24 | 16.81 0.38 -11.43 | 15.39 0.37 -10.02 | 15.89 0.37 -10.57 | 16.74 0.38 -11.49 | 21.91 0.29 -17.87 | 26.07 0.34 -20.88 | 27.94 0.31 -23.37 | 29.10 0.27 -25.03 | 28.88 0.20 -25.83 | 29.83 0.19 -26.91 | 30.36 0.18 -27.54 | 28.82 0.20 -25.76 | 28.99 0.21 -25.96 | 29.86 0.28 -25.84 | 31.79 0.26 -27.94 | 33.90 0.17 -31.54 | 32.20 0.18 -29.63 | 31.50 0.17 -28.85 | 32.42 0.16 -29.89 | 26.42 0.21 -23.12 | 23.00 0.28 -19.21 | 18.56 0.38 -14.14 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.07 0.55 -13.96 | 17.43 0.52 -11.57 | 16.10 0.45 -10.65 | 14.89 0.46 -9.43 | 15.39 0.46 -9.98 | 16.25 0.45 -10.93 | 21.92 0.37 -17.81 | 26.12 0.47 -20.80 | 27.86 0.44 -23.16 | 29.04 0.39 -24.85 | 28.89 0.29 -25.76 | 29.84 0.28 -26.83 | 30.61 0.28 -27.70 | 28.84 0.31 -25.69 | 29.02 0.32 -25.88 | 29.81 0.41 -25.66 | 31.73 0.40 -27.74 | 33.87 0.24 -31.44 | 32.19 0.26 -29.54 | 31.49 0.25 -28.76 | 32.40 0.24 -29.80 | 26.45 0.31 -23.05 | 23.02 0.36 -19.15 | 18.56 0.43 -14.09 |
| NARROWS_GT1_1 24228 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_2 24229 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_3 24230 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_4 24231 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_5 24232 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_6 24233 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_7 24234 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT1_8 24235 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_1 24236 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_2 24237 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NARROWS_GT2_3 24238 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_4 24239 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_5 24240 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_6 24241 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_7 24242 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NARROWS_GT2_8 24243 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 20.63 0.46 -14.61 | 17.74 0.43 -11.96 | 16.52 0.40 -11.11 | 15.16 0.39 -9.77 | 15.67 0.40 -10.33 | 16.54 0.39 -11.27 | 21.88 0.30 -17.84 | 26.07 0.37 -20.85 | 27.82 0.35 -23.21 | 29.01 0.30 -24.91 | 28.88 0.22 -25.82 | 29.83 0.21 -26.89 | 30.60 0.21 -27.76 | 28.82 0.23 -25.75 | 29.01 0.24 -25.94 | 29.76 0.31 -25.72 | 31.69 0.30 -27.81 | 33.89 0.19 -31.52 | 32.19 0.19 -29.61 | 31.49 0.18 -28.83 | 32.42 0.18 -29.87 | 26.43 0.23 -23.10 | 22.97 0.26 -19.20 | 18.50 0.34 -14.13 |
| NEG CAPITAL___MECHNVIL 23645 | 22.10 0.42 -16.12 | 18.63 0.40 -12.89 | 17.44 0.36 -12.07 | 15.86 0.36 -10.51 | 16.37 0.36 -11.07 | 17.16 0.38 -11.91 | 21.94 0.29 -17.90 | 26.36 0.37 -21.15 | 28.04 0.33 -23.46 | 29.19 0.29 -25.10 | 28.92 0.22 -25.86 | 29.86 0.19 -26.94 | 30.63 0.18 -27.81 | 28.84 0.20 -25.79 | 29.01 0.20 -25.99 | 29.93 0.27 -25.92 | 31.87 0.26 -28.03 | 33.93 0.17 -31.58 | 32.24 0.18 -29.67 | 31.54 0.18 -28.88 | 32.47 0.17 -29.93 | 26.46 0.22 -23.15 | 23.01 0.26 -19.23 | 18.54 0.34 -14.15 |
| NEG CENTRAL_HIGH_ACRES 23767 | 11.22 -0.24 -5.90 | 11.29 -0.22 -6.17 | 9.75 -0.22 -4.96 | 9.64 -0.21 -4.86 | 10.01 -0.20 -5.27 | 11.32 -0.18 -6.63 | 18.17 -0.13 -14.56 | 21.76 -0.09 -17.01 | 22.98 -0.12 -18.84 | 23.93 -0.09 -20.22 | 23.47 -0.06 -20.69 | 24.12 -0.06 -21.45 | 24.58 -0.06 -22.00 | 23.11 -0.08 -20.34 | 23.35 -0.09 -20.61 | 24.06 -0.12 -20.44 | 25.70 -0.11 -22.22 | 27.77 -0.07 -25.66 | 26.43 -0.07 -24.11 | 25.91 -0.03 -23.47 | 26.63 -0.05 -24.32 | 21.86 -0.05 -18.81 | 19.07 -0.07 -15.63 | 15.37 -0.17 -11.50 |
| NEG CENTRAL___DRP 24199 | 11.57 -0.01 -6.01 | 11.57 -0.01 -6.23 | 10.03 -0.01 -5.04 | 9.90 -0.01 -4.91 | 10.27 0.00 -5.32 | 11.56 0.01 -6.67 | 18.30 0.03 -14.52 | 21.90 0.09 -16.97 | 22.90 -0.01 -18.65 | 23.83 0.01 -20.01 | 23.60 0.01 -20.75 | 24.35 0.01 -21.61 | 24.95 0.01 -22.31 | 23.54 0.00 -20.69 | 23.65 -0.01 -20.84 | 24.38 -0.01 -20.66 | 25.92 0.00 -22.33 | 27.82 0.03 -25.60 | 26.48 0.04 -24.05 | 25.96 0.06 -23.42 | 26.68 0.05 -24.26 | 21.94 0.08 -18.77 | 19.17 0.07 -15.59 | 15.52 0.01 -11.47 |
| NEG CENTRAL___INDECK 23768 | 12.30 0.12 -6.62 | 12.13 0.11 -6.67 | 10.58 0.09 -5.48 | 10.38 0.10 -5.28 | 10.76 0.10 -5.71 | 12.07 0.14 -7.06 | 18.87 0.13 -14.99 | 22.61 0.26 -17.51 | 24.05 0.22 -19.57 | 25.03 0.23 -21.00 | 25.59 0.18 -22.58 | 26.71 0.17 -23.82 | 27.83 0.16 -25.04 | 26.43 0.15 -23.42 | 26.16 0.14 -23.20 | 26.89 0.18 -22.97 | 28.27 0.19 -24.50 | 29.19 0.10 -26.91 | 27.33 0.12 -24.82 | 26.82 0.17 -24.17 | 27.56 0.15 -25.04 | 22.67 0.21 -19.37 | 19.81 0.21 -16.09 | 16.00 0.11 -11.84 |
| NEG CENTRAL___SENECA 23627 | 11.79 0.03 -6.19 | 11.74 0.03 -6.37 | 10.20 0.02 -5.17 | 10.05 0.03 -5.03 | 10.42 0.03 -5.44 | 11.72 0.05 -6.79 | 18.50 0.06 -14.69 | 22.15 0.15 -17.16 | 22.97 -0.02 -18.73 | 23.91 0.00 -20.10 | 23.68 0.01 -20.83 | 24.44 0.01 -21.70 | 25.04 0.00 -22.41 | 23.62 -0.01 -20.78 | 23.73 -0.02 -20.93 | 24.46 -0.03 -20.75 | 26.00 -0.02 -22.43 | 28.13 0.05 -25.89 | 26.78 0.06 -24.33 | 26.26 0.10 -23.68 | 26.99 0.08 -24.54 | 22.19 0.12 -18.98 | 19.39 0.11 -15.77 | 15.69 0.04 -11.60 |
| NEG CENTRAL___STATE_STREET 24147 | 11.71 0.07 -6.08 | 11.68 0.06 -6.27 | 10.14 0.05 -5.08 | 10.00 0.06 -4.95 | 10.37 0.06 -5.36 | 11.65 0.07 -6.71 | 18.37 0.07 -14.55 | 21.98 0.14 -16.99 | 23.22 0.11 -18.85 | 24.15 0.11 -20.23 | 23.89 0.09 -20.97 | 24.65 0.08 -21.84 | 25.26 0.08 -22.55 | 23.84 0.08 -20.91 | 23.95 0.07 -21.06 | 24.70 0.09 -20.88 | 26.26 0.10 -22.57 | 27.89 0.06 -25.65 | 26.55 0.07 -24.09 | 26.03 0.09 -23.46 | 26.75 0.08 -24.30 | 22.00 0.11 -18.80 | 19.24 0.11 -15.62 | 15.60 0.06 -11.49 |
| NEG MILLWOOD___DRP 24198 | 20.41 0.59 -14.26 | 17.65 0.56 -11.75 | 16.38 0.50 -10.87 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.49 0.49 -11.13 | 21.97 0.40 -17.83 | 26.18 0.50 -20.83 | 27.92 0.47 -23.20 | 29.10 0.41 -24.89 | 28.94 0.31 -25.80 | 29.90 0.30 -26.87 | 30.68 0.30 -27.74 | 28.90 0.32 -25.73 | 29.08 0.33 -25.92 | 29.87 0.43 -25.70 | 31.79 0.42 -27.79 | 33.94 0.26 -31.49 | 32.25 0.27 -29.59 | 31.54 0.26 -28.81 | 32.46 0.25 -29.85 | 26.51 0.33 -23.09 | 23.07 0.38 -19.18 | 18.62 0.46 -14.11 |
| NEG NORTH_FLCN_SEA 23793 | 4.08 -0.14 1.34 | 4.54 -0.12 0.68 | 5.87 -0.11 -0.97 | 5.88 -0.11 -0.99 | 5.93 -0.10 -1.09 | 5.73 -0.12 -0.98 | 6.70 -0.10 -3.05 | 2.84 -0.14 1.86 | 4.20 -0.11 -0.05 | 5.14 -0.11 -1.44 | 7.72 -0.08 -4.95 | 7.82 -0.07 -5.16 | 7.89 -0.07 -5.33 | 7.70 -0.09 -4.94 | 7.71 -0.09 -4.98 | 5.12 -0.12 -1.50 | 5.13 -0.11 -1.65 | 8.18 -0.05 -6.05 | 8.02 -0.05 -5.69 | 7.95 -0.06 -5.54 | 8.06 -0.05 -5.74 | 7.46 -0.07 -4.44 | 7.11 -0.09 -3.69 | 6.67 -0.09 -2.71 |

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| NEG NORTH_KES_CHATEGAY 23792 | 4.13 -0.20 1.23 | 4.60 -0.18 0.56 | 5.88 -0.16 -1.03 | 5.89 -0.16 -1.06 | 5.94 -0.16 -1.16 | 5.78 -0.17 -1.08 | 6.89 -0.13 -3.27 | 3.15 -0.19 1.50 | 4.58 -0.16 -0.49 | 5.53 -0.15 -1.88 | 8.06 -0.11 -5.33 | 8.18 -0.10 -5.55 | 8.27 -0.10 -5.73 | 8.05 -0.12 -5.32 | 8.07 -0.12 -5.36 | 5.53 -0.16 -1.95 | 5.58 -0.15 -2.14 | 8.55 -0.08 -6.44 | 8.36 -0.08 -6.05 | 8.28 -0.09 -5.89 | 8.40 -0.07 -6.10 | 7.71 -0.11 -4.72 | 7.31 -0.13 -3.92 | 6.80 -0.13 -2.89 |
| NEG NORTH___ALICE_FALLS 23915 | 4.07 -0.17 1.33 | 4.53 -0.16 0.66 | 5.85 -0.14 -0.98 | 5.86 -0.14 -1.00 | 5.91 -0.13 -1.10 | 5.71 -0.15 -0.99 | 6.71 -0.12 -3.08 | 2.87 -0.17 1.80 | 4.24 -0.14 -0.12 | 5.18 -0.14 -1.51 | 7.76 -0.10 -5.01 | 7.86 -0.09 -5.22 | 7.94 -0.09 -5.39 | 7.74 -0.11 -5.00 | 7.75 -0.11 -5.04 | 5.16 -0.15 -1.58 | 5.18 -0.14 -1.73 | 8.23 -0.07 -6.11 | 8.07 -0.07 -5.74 | 7.99 -0.08 -5.59 | 8.10 -0.06 -5.79 | 7.49 -0.09 -4.48 | 7.12 -0.11 -3.72 | 6.67 -0.11 -2.74 |
| NEG NORTH___LWR_SARANAC 23913 | 4.07 -0.17 1.33 | 4.53 -0.16 0.66 | 5.85 -0.14 -0.98 | 5.86 -0.14 -1.00 | 5.91 -0.13 -1.10 | 5.71 -0.15 -0.99 | 6.71 -0.12 -3.08 | 2.87 -0.17 1.80 | 4.24 -0.14 -0.12 | 5.18 -0.14 -1.51 | 7.76 -0.10 -5.01 | 7.86 -0.09 -5.22 | 7.94 -0.09 -5.39 | 7.74 -0.11 -5.00 | 7.75 -0.11 -5.04 | 5.16 -0.15 -1.58 | 5.18 -0.14 -1.73 | 8.23 -0.07 -6.11 | 8.07 -0.07 -5.74 | 7.99 -0.08 -5.59 | 8.10 -0.06 -5.79 | 7.49 -0.09 -4.48 | 7.12 -0.11 -3.72 | 6.67 -0.11 -2.74 |
| NEG NORTH___PLATTSBURG 23628 | 4.07 -0.17 1.33 | 4.53 -0.16 0.66 | 5.85 -0.14 -0.98 | 5.86 -0.14 -1.00 | 5.91 -0.13 -1.10 | 5.71 -0.15 -0.99 | 6.71 -0.12 -3.08 | 2.87 -0.17 1.80 | 4.24 -0.14 -0.12 | 5.18 -0.14 -1.51 | 7.76 -0.10 -5.01 | 7.86 -0.09 -5.22 | 7.94 -0.09 -5.39 | 7.74 -0.11 -5.00 | 7.75 -0.11 -5.04 | 5.16 -0.15 -1.58 | 5.18 -0.14 -1.73 | 8.23 -0.07 -6.11 | 8.07 -0.07 -5.74 | 7.99 -0.08 -5.59 | 8.10 -0.06 -5.79 | 7.49 -0.09 -4.48 | 7.12 -0.11 -3.72 | 6.67 -0.11 -2.74 |
| NEG WEST_LEA_LOCKPORT 23791 | 11.52 -0.22 -6.17 | 11.53 -0.18 -6.36 | 9.99 -0.17 -5.16 | 9.85 -0.16 -5.02 | 10.22 -0.16 -5.44 | 11.52 -0.15 -6.80 | 18.30 -0.17 -14.72 | 21.98 -0.06 -17.20 | 23.24 -0.12 -19.11 | 24.21 -0.09 -20.50 | 27.51 -0.05 -24.73 | 29.69 -0.07 -27.04 | 32.40 -0.07 -29.84 | 31.31 -0.09 -28.55 | 29.78 -0.11 -27.06 | 30.29 -0.15 -26.70 | 30.88 -0.13 -27.43 | 30.43 -0.10 -28.34 | 26.69 -0.08 -24.38 | 26.19 -0.02 -23.73 | 26.90 -0.05 -24.59 | 22.10 -0.02 -19.02 | 19.30 -0.01 -15.80 | 15.49 -0.18 -11.63 |
| NEG WEST___LANCASTR 23811 | 12.08 0.04 -6.47 | 11.97 0.05 -6.57 | 10.43 0.05 -5.37 | 10.25 0.06 -5.20 | 10.62 0.05 -5.62 | 11.92 0.07 -6.98 | 18.68 0.03 -14.91 | 22.46 0.19 -17.42 | 23.76 0.14 -19.36 | 24.72 0.14 -20.77 | 31.55 0.12 -28.59 | 35.20 0.10 -32.38 | 40.06 0.09 -37.34 | 39.33 0.09 -36.40 | 36.13 0.07 -33.23 | 36.51 0.09 -32.68 | 36.11 0.11 -32.41 | 33.33 0.04 -31.10 | 27.13 0.07 -24.67 | 26.62 0.12 -24.02 | 27.34 0.09 -24.89 | 22.50 0.16 -19.25 | 19.68 0.17 -16.00 | 15.84 0.03 -11.77 |
| NEG_PENN_ALLEGHNY 23528 | 13.80 0.17 -8.07 | 13.20 0.16 -7.70 | 11.68 0.15 -6.52 | 11.29 0.15 -6.14 | 11.70 0.15 -6.61 | 12.96 0.16 -7.93 | 19.77 0.13 -15.89 | 23.63 0.22 -18.57 | 25.18 0.19 -20.73 | 26.23 0.18 -22.24 | 26.52 0.14 -23.54 | 27.56 0.13 -24.70 | 28.52 0.12 -25.76 | 26.99 0.13 -24.01 | 26.91 0.12 -23.96 | 27.63 0.16 -23.73 | 29.21 0.17 -25.46 | 30.68 0.09 -28.40 | 28.87 0.10 -26.38 | 28.29 0.13 -25.68 | 29.09 0.11 -26.61 | 23.83 0.16 -20.58 | 20.78 0.17 -17.10 | 16.76 0.14 -12.58 |
| NEG___GEN_MONROE 24207 | 11.36 -0.16 -5.95 | 11.41 -0.14 -6.21 | 9.87 -0.14 -5.00 | 9.75 -0.13 -4.89 | 10.11 -0.13 -5.30 | 11.44 -0.10 -6.66 | 18.25 -0.08 -14.59 | 21.87 -0.01 -17.04 | 23.12 -0.05 -18.91 | 24.07 -0.02 -20.29 | 23.87 -0.01 -21.03 | 24.62 -0.01 -21.91 | 25.24 -0.01 -22.62 | 23.79 -0.03 -20.97 | 23.91 -0.04 -21.13 | 24.62 -0.06 -20.94 | 26.18 -0.06 -22.65 | 28.03 -0.05 -25.89 | 26.51 -0.03 -24.16 | 26.00 0.00 -23.52 | 26.72 -0.01 -24.37 | 21.95 0.01 -18.85 | 19.17 0.00 -15.66 | 15.45 -0.12 -11.52 |
| NEPA___ENERGY 23901 | 12.42 -0.01 -6.87 | 12.19 -0.01 -6.85 | 10.67 0.00 -5.66 | 10.43 0.01 -5.43 | 10.82 0.00 -5.87 | 12.11 0.02 -7.21 | 18.89 0.00 -15.15 | 22.64 0.10 -17.70 | 24.00 0.06 -19.68 | 24.99 0.07 -21.12 | 26.61 0.06 -23.70 | 28.13 0.04 -25.36 | 29.86 0.04 -27.19 | 28.55 0.04 -25.67 | 27.82 0.02 -24.97 | 28.45 0.03 -24.69 | 29.57 0.04 -25.95 | 30.06 0.00 -27.87 | 27.47 0.02 -25.05 | 26.94 0.07 -24.39 | 27.68 0.04 -25.27 | 22.74 0.10 -19.55 | 19.86 0.10 -16.24 | 15.98 -0.01 -11.95 |
| NEVERSINK___HYD 23608 | 19.77 0.54 -13.66 | 17.23 0.50 -11.38 | 15.91 0.45 -10.46 | 14.72 0.45 -9.28 | 15.22 0.45 -9.82 | 16.16 0.45 -10.84 | 21.90 0.36 -17.79 | 26.10 0.47 -20.78 | 27.85 0.45 -23.14 | 29.02 0.39 -24.83 | 28.86 0.29 -25.74 | 29.82 0.28 -26.81 | 30.59 0.28 -27.68 | 28.82 0.30 -25.67 | 29.00 0.32 -25.86 | 29.79 0.41 -25.64 | 31.71 0.40 -27.72 | 33.85 0.24 -31.42 | 32.16 0.26 -29.52 | 31.47 0.25 -28.74 | 32.38 0.24 -29.77 | 26.44 0.32 -23.03 | 23.01 0.36 -19.14 | 18.54 0.42 -14.08 |
| NEWTON___FALLS_HYD 23847 | 7.27 -0.21 -1.92 | 7.70 -0.24 -2.59 | 7.58 -0.22 -2.79 | 7.58 -0.23 -2.82 | 7.79 -0.23 -3.08 | 8.43 -0.21 -3.77 | 12.74 -0.15 -9.15 | 12.49 -0.19 -7.84 | 14.46 -0.17 -10.37 | 15.47 -0.15 -11.82 | 16.70 -0.12 -13.98 | 17.19 -0.10 -14.56 | 17.58 -0.09 -15.03 | 16.69 -0.10 -13.94 | 16.76 -0.12 -14.06 | 15.80 -0.16 -12.22 | 16.67 -0.15 -13.23 | 18.61 -0.09 -16.52 | 17.82 -0.09 -15.52 | 17.50 -0.08 -15.11 | 17.95 -0.07 -15.65 | 15.10 -0.11 -12.11 | 13.43 -0.14 -10.06 | 11.27 -0.18 -7.40 |
| NIAGARA_115E_LBMP 323715 | 11.48 -0.28 -6.20 | 11.49 -0.24 -6.38 | 9.96 -0.23 -5.18 | 9.81 -0.22 -5.04 | 10.18 -0.22 -5.46 | 11.48 -0.20 -6.82 | 18.26 -0.23 -14.75 | 21.92 -0.15 -17.23 | 23.19 -0.20 -19.14 | 24.17 -0.16 -20.53 | 29.11 -0.11 -26.38 | 31.96 -0.13 -29.36 | 35.65 -0.13 -33.14 | 34.72 -0.15 -32.02 | 32.43 -0.16 -29.77 | 32.84 -0.22 -29.32 | 32.97 -0.20 -29.59 | 31.54 -0.14 -29.49 | 26.68 -0.12 -24.41 | 26.17 -0.08 -23.77 | 26.89 -0.10 -24.62 | 22.07 -0.07 -19.05 | 19.26 -0.08 -15.83 | 15.45 -0.24 -11.64 |
| NIAGARA_115W_LBMP 323714 | 11.48 -0.29 -6.21 | 11.49 -0.25 -6.39 | 9.96 -0.23 -5.18 | 9.82 -0.22 -5.04 | 10.18 -0.22 -5.46 | 11.48 -0.21 -6.82 | 18.27 -0.23 -14.75 | 21.92 -0.16 -17.23 | 23.19 -0.21 -19.14 | 24.17 -0.17 -20.54 | 29.90 -0.12 -27.18 | 33.07 -0.13 -30.48 | 37.23 -0.13 -34.73 | 36.38 -0.15 -33.68 | 33.73 -0.16 -31.07 | 34.09 -0.22 -30.58 | 34.00 -0.21 -30.62 | 32.08 -0.14 -30.04 | 26.68 -0.13 -24.42 | 26.17 -0.08 -23.77 | 26.89 -0.10 -24.63 | 22.07 -0.08 -19.05 | 19.26 -0.08 -15.83 | 15.45 -0.24 -11.65 |
| NIAGARA_230_LBMP 323716 | 11.49 -0.26 -6.19 | 11.49 -0.23 -6.38 | 9.97 -0.21 -5.17 | 9.82 -0.21 -5.03 | 10.19 -0.20 -5.45 | 11.49 -0.19 -6.81 | 18.28 -0.20 -14.74 | 21.93 -0.13 -17.22 | 23.21 -0.17 -19.13 | 24.18 -0.14 -20.52 | 21.11 -0.09 -18.36 | 20.67 -0.11 -18.05 | 19.55 -0.11 -17.02 | 17.77 -0.13 -15.05 | 19.26 -0.14 -16.58 | 20.09 -0.19 -16.54 | 22.51 -0.18 -19.10 | 26.01 -0.12 -23.95 | 26.68 -0.11 -24.40 | 26.18 -0.06 -23.76 | 26.89 -0.09 -24.61 | 22.08 -0.06 -19.04 | 19.27 -0.06 -15.82 | 15.47 -0.21 -11.64 |
| NIAGARA____ 23760 | 11.49 -0.27 -6.20 | 11.49 -0.24 -6.38 | 9.96 -0.22 -5.18 | 9.82 -0.21 -5.04 | 10.18 -0.21 -5.45 | 11.49 -0.20 -6.81 | 18.27 -0.21 -14.74 | 21.93 -0.14 -17.22 | 23.20 -0.19 -19.13 | 24.18 -0.15 -20.53 | 25.06 -0.10 -22.32 | 26.24 -0.12 -23.63 | 27.49 -0.12 -24.97 | 26.13 -0.14 -23.42 | 25.76 -0.15 -23.08 | 26.38 -0.21 -22.85 | 27.67 -0.19 -24.27 | 28.74 -0.13 -26.68 | 26.68 -0.12 -24.41 | 26.17 -0.07 -23.76 | 26.89 -0.09 -24.62 | 22.07 -0.07 -19.04 | 19.26 -0.07 -15.82 | 15.46 -0.23 -11.64 |

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| NINE_MILE_1 23575 | 10.53 -0.13 -5.10 | 10.74 -0.11 -5.51 | 9.25 -0.11 -4.35 | 9.21 -0.11 -4.32 | 9.54 -0.10 -4.70 | 10.79 -0.10 -6.02 | 17.25 -0.07 -13.58 | 20.63 -0.07 -15.86 | 21.82 -0.07 -17.63 | 22.66 -0.06 -18.92 | 22.41 -0.04 -19.61 | 23.11 -0.04 -20.42 | 23.68 -0.04 -21.09 | 22.36 -0.05 -19.55 | 22.48 -0.05 -19.71 | 23.21 -0.07 -19.54 | 24.65 -0.06 -21.12 | 26.11 -0.04 -23.96 | 24.87 -0.04 -22.52 | 24.37 -0.03 -21.92 | 25.04 -0.03 -22.71 | 20.62 -0.04 -17.57 | 18.06 -0.05 -14.60 | 14.69 -0.09 -10.74 |
| NINE_MILE_2 23744 | 10.53 -0.13 -5.09 | 10.74 -0.11 -5.51 | 9.24 -0.11 -4.35 | 9.21 -0.11 -4.32 | 9.54 -0.10 -4.70 | 10.78 -0.10 -6.01 | 17.24 -0.07 -13.57 | 20.62 -0.07 -15.85 | 21.80 -0.07 -17.62 | 22.64 -0.06 -18.90 | 22.39 -0.04 -19.59 | 23.10 -0.04 -20.41 | 23.66 -0.04 -21.07 | 22.34 -0.05 -19.54 | 22.47 -0.05 -19.69 | 23.19 -0.06 -19.52 | 24.63 -0.06 -21.11 | 26.09 -0.04 -23.94 | 24.85 -0.04 -22.50 | 24.35 -0.03 -21.90 | 25.02 -0.03 -22.69 | 20.60 -0.04 -17.55 | 18.04 -0.05 -14.58 | 14.68 -0.09 -10.73 |
| NM_CAPITAL___DRP 24208 | 21.67 0.33 -15.77 | 18.34 0.32 -12.68 | 17.16 0.30 -11.85 | 15.63 0.29 -10.34 | 16.14 0.29 -10.90 | 16.94 0.30 -11.77 | 21.83 0.18 -17.90 | 26.15 0.20 -21.10 | 27.86 0.18 -23.42 | 29.03 0.15 -25.08 | 28.82 0.12 -25.86 | 29.77 0.10 -26.94 | 30.55 0.10 -27.82 | 28.75 0.11 -25.80 | 28.93 0.12 -25.99 | 29.79 0.16 -25.89 | 31.73 0.14 -28.00 | 33.86 0.10 -31.58 | 32.16 0.10 -29.67 | 31.46 0.09 -28.89 | 32.38 0.09 -29.93 | 26.35 0.11 -23.15 | 22.90 0.15 -19.24 | 18.44 0.25 -14.15 |
| NM_CENTRAL___DRP 24181 | 11.19 -0.02 -5.65 | 11.33 -0.02 -6.00 | 9.77 -0.02 -4.78 | 9.69 -0.02 -4.72 | 10.05 -0.01 -5.12 | 11.37 0.00 -6.50 | 18.23 0.01 -14.47 | 21.80 0.04 -16.91 | 23.10 0.04 -18.80 | 24.02 0.05 -20.17 | 23.79 0.04 -20.91 | 24.55 0.04 -21.78 | 25.16 0.03 -22.49 | 23.73 0.03 -20.85 | 23.83 0.03 -20.98 | 24.57 0.03 -20.79 | 26.10 0.03 -22.49 | 27.58 0.01 -25.38 | 26.26 0.02 -23.85 | 25.73 0.03 -23.22 | 26.45 0.03 -24.06 | 21.74 0.04 -18.61 | 19.00 0.03 -15.46 | 15.41 -0.01 -11.38 |
| NM_FRONTIER___DRP 24179 | 11.48 -0.29 -6.21 | 11.49 -0.25 -6.39 | 9.96 -0.23 -5.18 | 9.82 -0.22 -5.04 | 10.18 -0.22 -5.46 | 11.48 -0.21 -6.82 | 18.27 -0.23 -14.75 | 21.92 -0.16 -17.23 | 23.19 -0.21 -19.14 | 24.17 -0.17 -20.54 | 29.90 -0.12 -27.18 | 33.07 -0.13 -30.48 | 37.23 -0.13 -34.73 | 36.38 -0.15 -33.68 | 33.73 -0.16 -31.07 | 34.09 -0.22 -30.58 | 34.00 -0.21 -30.62 | 32.08 -0.14 -30.04 | 26.68 -0.13 -24.42 | 26.17 -0.08 -23.77 | 26.89 -0.10 -24.63 | 22.07 -0.08 -19.05 | 19.26 -0.08 -15.83 | 15.45 -0.24 -11.65 |
| NM_ST_REGIS___HYD 24053 | 5.03 -0.34 0.19 | 5.51 -0.34 -0.51 | 6.29 -0.32 -1.60 | 6.31 -0.32 -1.64 | 6.42 -0.32 -1.80 | 6.55 -0.32 -2.00 | 8.85 -0.24 -5.35 | 6.31 -0.33 -1.79 | 8.39 -0.29 -4.43 | 9.38 -0.26 -5.84 | 11.42 -0.20 -8.78 | 11.69 -0.18 -9.14 | 11.90 -0.17 -9.44 | 11.41 -0.19 -8.75 | 11.45 -0.20 -8.83 | 9.52 -0.27 -6.05 | 9.90 -0.25 -6.56 | 12.04 -0.14 -9.99 | 11.63 -0.15 -9.39 | 11.47 -0.15 -9.14 | 11.70 -0.13 -9.47 | 10.23 -0.19 -7.33 | 9.36 -0.24 -6.09 | 8.26 -0.26 -4.48 |
| NORTHPORT___1 23551 | 20.41 0.73 -14.12 | 18.04 0.69 -12.00 | 16.41 0.61 -10.80 | 15.12 0.61 -9.52 | 15.62 0.60 -10.07 | 16.56 0.60 -11.08 | 22.05 0.48 -17.82 | 28.41 0.62 -22.95 | 31.15 0.55 -26.34 | 36.21 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.34 -32.39 | 33.56 0.37 -30.33 | 33.37 0.38 -30.17 | 35.22 0.50 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.41 0.31 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.77 0.39 -31.29 | 29.44 0.46 -25.47 | 23.24 0.57 -18.63 |
| NORTHPORT___2 23552 | 20.41 0.73 -14.12 | 18.04 0.69 -12.00 | 16.41 0.61 -10.80 | 15.12 0.61 -9.52 | 15.62 0.60 -10.07 | 16.56 0.60 -11.08 | 22.05 0.48 -17.82 | 28.41 0.62 -22.95 | 31.15 0.55 -26.34 | 36.21 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.34 -32.39 | 33.56 0.37 -30.33 | 33.37 0.38 -30.17 | 35.22 0.50 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.41 0.31 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.77 0.39 -31.29 | 29.44 0.46 -25.47 | 23.24 0.57 -18.63 |
| NORTHPORT___3 23553 | 20.37 0.68 -14.12 | 18.00 0.65 -12.00 | 16.38 0.58 -10.80 | 15.09 0.57 -9.52 | 15.59 0.57 -10.07 | 16.53 0.58 -11.08 | 22.03 0.47 -17.82 | 28.39 0.60 -22.95 | 31.12 0.53 -26.33 | 36.18 0.46 -31.92 | 35.00 0.32 -31.85 | 35.94 0.31 -32.90 | 35.33 0.30 -32.39 | 33.51 0.33 -30.33 | 33.33 0.34 -30.17 | 35.17 0.44 -30.99 | 38.92 0.42 -34.91 | 39.08 0.26 -36.63 | 37.37 0.28 -34.70 | 33.66 0.27 -30.91 | 38.97 0.26 -36.34 | 34.72 0.34 -31.29 | 29.41 0.45 -25.46 | 23.23 0.56 -18.63 |
| NORTHPORT___4 23650 | 20.37 0.68 -14.12 | 18.00 0.65 -12.00 | 16.38 0.58 -10.80 | 15.09 0.57 -9.52 | 15.59 0.57 -10.07 | 16.53 0.58 -11.08 | 22.03 0.47 -17.82 | 28.39 0.60 -22.95 | 31.12 0.53 -26.33 | 36.18 0.46 -31.92 | 35.00 0.32 -31.85 | 35.94 0.31 -32.90 | 35.33 0.30 -32.39 | 33.51 0.33 -30.33 | 33.33 0.34 -30.17 | 35.17 0.44 -30.99 | 38.92 0.42 -34.91 | 39.08 0.26 -36.63 | 37.37 0.28 -34.70 | 33.66 0.27 -30.91 | 38.97 0.26 -36.34 | 34.72 0.34 -31.29 | 29.41 0.45 -25.46 | 23.23 0.56 -18.63 |
| NORTHPORT___IC 23718 | 20.41 0.73 -14.12 | 18.04 0.69 -12.00 | 16.41 0.61 -10.80 | 15.12 0.61 -9.52 | 15.62 0.60 -10.07 | 16.56 0.60 -11.08 | 22.05 0.48 -17.82 | 28.41 0.62 -22.95 | 31.15 0.55 -26.34 | 36.21 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.34 -32.39 | 33.56 0.37 -30.33 | 33.37 0.38 -30.17 | 35.22 0.50 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.41 0.31 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.77 0.39 -31.29 | 29.44 0.46 -25.47 | 23.24 0.57 -18.63 |
| NPX_GEN_1385_PROXY 323591 | 20.41 0.73 -14.12 | 18.04 0.69 -12.00 | 16.41 0.61 -10.80 | 15.12 0.61 -9.52 | 15.62 0.60 -10.07 | 16.56 0.60 -11.08 | 22.05 0.48 -17.82 | 28.41 0.62 -22.95 | 31.15 0.55 -26.34 | 36.21 0.49 -31.92 | 35.05 0.36 -31.85 | 35.98 0.35 -32.90 | 35.37 0.34 -32.39 | 33.56 0.37 -30.33 | 33.37 0.38 -30.17 | 35.22 0.50 -30.99 | 38.97 0.47 -34.91 | 39.10 0.29 -36.63 | 37.41 0.31 -34.70 | 33.70 0.31 -30.91 | 39.01 0.30 -36.34 | 34.77 0.39 -31.29 | 29.44 0.46 -25.47 | 23.24 0.57 -18.63 |
| NPX_GEN_CSC 323557 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.63 0.62 -10.07 | 16.55 0.60 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.11 0.52 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.96 0.33 -32.90 | 35.35 0.32 -32.39 | 33.53 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.09 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.44 -25.46 | 23.22 0.56 -18.63 |
| NSINS_S_GLNS_FALLS 23858 | 22.10 0.47 -16.07 | 18.65 0.44 -12.86 | 17.45 0.40 -12.04 | 15.88 0.40 -10.49 | 16.39 0.40 -11.05 | 17.19 0.43 -11.89 | 21.98 0.34 -17.90 | 26.42 0.44 -21.14 | 28.08 0.37 -23.45 | 29.22 0.32 -25.10 | 28.95 0.25 -25.86 | 29.88 0.22 -26.94 | 30.65 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.23 -25.98 | 29.96 0.31 -25.91 | 31.90 0.29 -28.02 | 33.95 0.19 -31.57 | 32.26 0.20 -29.66 | 31.56 0.20 -28.88 | 32.48 0.20 -29.92 | 26.48 0.25 -23.14 | 23.04 0.30 -19.23 | 18.58 0.39 -14.15 |
| NUCOR_STEEL___DRP 24197 | 11.66 0.04 -6.05 | 11.63 0.04 -6.25 | 10.10 0.04 -5.06 | 9.96 0.04 -4.93 | 10.32 0.04 -5.34 | 11.61 0.05 -6.69 | 18.31 0.05 -14.52 | 21.91 0.11 -16.96 | 23.18 0.08 -18.85 | 24.11 0.09 -20.22 | 23.87 0.07 -20.96 | 24.62 0.07 -21.83 | 25.24 0.06 -22.54 | 23.81 0.06 -20.90 | 23.93 0.05 -21.05 | 24.67 0.07 -20.87 | 26.22 0.08 -22.56 | 27.82 0.04 -25.59 | 26.48 0.05 -24.04 | 25.96 0.07 -23.41 | 26.68 0.06 -24.25 | 21.94 0.09 -18.76 | 19.18 0.08 -15.59 | 15.55 0.04 -11.47 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYISO_LBMP_REFERENCE 24008 | 5.56 0.00 0.00 | 5.34 0.00 0.00 | 5.01 0.00 0.00 | 5.00 0.00 0.00 | 4.94 0.00 0.00 | 4.87 0.00 0.00 | 3.74 0.00 0.00 | 4.84 0.00 0.00 | 4.26 0.00 0.00 | 3.80 0.00 0.00 | 2.84 0.00 0.00 | 2.73 0.00 0.00 | 2.64 0.00 0.00 | 2.85 0.00 0.00 | 2.82 0.00 0.00 | 3.74 0.00 0.00 | 3.59 0.00 0.00 | 2.19 0.00 0.00 | 2.39 0.00 0.00 | 2.48 0.00 0.00 | 2.36 0.00 0.00 | 3.09 0.00 0.00 | 3.51 0.00 0.00 | 4.04 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 20.47 0.79 -14.12 | 18.09 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.67 0.66 -10.07 | 16.61 0.66 -11.08 | 22.09 0.53 -17.82 | 28.46 0.68 -22.94 | 31.19 0.61 -26.32 | 36.26 0.54 -31.92 | 35.09 0.40 -31.85 | 36.02 0.39 -32.90 | 35.41 0.38 -32.39 | 33.59 0.41 -30.33 | 33.41 0.42 -30.17 | 35.26 0.53 -30.99 | 39.00 0.50 -34.91 | 39.13 0.31 -36.63 | 37.43 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.34 -36.34 | 34.82 0.44 -31.29 | 29.46 0.51 -25.44 | 23.27 0.61 -18.61 |
| NYPA_GOWANUS____GT5 24156 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NYPA_GOWANUS____GT6 24157 | 20.37 0.68 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.08 0.56 -9.52 | 15.58 0.56 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.54 -23.21 | 34.29 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.37 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.87 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.60 0.31 -28.82 | 32.55 0.30 -29.89 | 27.03 0.36 -23.57 | 23.15 0.44 -19.20 | 20.56 0.52 -16.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 20.36 0.67 -14.13 | 17.64 0.63 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.21 0.54 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 29.72 0.34 -26.54 | 33.16 0.33 -30.10 | 31.14 0.32 -28.18 | 29.50 0.35 -26.30 | 29.62 0.36 -26.44 | 30.39 0.48 -26.17 | 32.35 0.45 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.42 -19.19 | 18.89 0.51 -14.34 |
| NYPA_HARLEM__RVR__GT2 24161 | 20.36 0.67 -14.13 | 17.64 0.63 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.21 0.54 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 29.72 0.34 -26.54 | 33.16 0.33 -30.10 | 31.14 0.32 -28.18 | 29.50 0.35 -26.30 | 29.62 0.36 -26.44 | 30.39 0.48 -26.17 | 32.35 0.45 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.42 -19.19 | 18.89 0.51 -14.34 |
| NYPA_KENT____GT 24152 | 20.37 0.67 -14.13 | 17.64 0.63 -11.66 | 16.37 0.57 -10.80 | 15.07 0.56 -9.52 | 15.57 0.55 -10.07 | 16.51 0.56 -11.08 | 22.01 0.44 -17.82 | 26.26 0.58 -20.83 | 28.00 0.53 -23.21 | 34.28 0.47 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.86 0.47 -32.81 | 36.48 0.29 -34.00 | 32.60 0.31 -29.91 | 31.60 0.30 -28.82 | 32.54 0.29 -29.89 | 27.03 0.36 -23.57 | 23.14 0.44 -19.20 | 20.55 0.52 -16.00 |
| NYPA_POUCH1____GT 24155 | 20.36 0.67 -14.13 | 17.64 0.63 -11.66 | 16.38 0.58 -10.80 | 15.08 0.57 -9.52 | 15.58 0.57 -10.07 | 16.52 0.56 -11.08 | 22.02 0.45 -17.82 | 26.26 0.59 -20.83 | 28.00 0.53 -23.21 | 34.28 0.46 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.86 0.47 -32.81 | 36.48 0.29 -34.00 | 32.61 0.31 -29.91 | 31.61 0.31 -28.82 | 32.55 0.30 -29.89 | 27.04 0.35 -23.60 | 23.14 0.44 -19.20 | 20.64 0.51 -16.09 |
| NYPA_VERNON____GT2 24162 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.28 0.46 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.86 0.46 -32.81 | 36.47 0.29 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.54 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.52 -16.00 |
| NYPA_VERNON____GT3 24163 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.28 0.46 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.86 0.46 -32.81 | 36.47 0.29 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.54 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.52 -16.00 |
| NYPA__ASTORIA_CC1 323568 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| NYPA__ASTORIA_CC2 323569 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| NYPA__HOLTSVILL 23794 | 20.45 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.64 0.63 -10.07 | 16.58 0.62 -11.08 | 22.06 0.49 -17.82 | 28.42 0.62 -22.95 | 31.15 0.57 -26.33 | 36.22 0.50 -31.92 | 35.06 0.37 -31.85 | 35.99 0.36 -32.90 | 35.38 0.35 -32.39 | 33.56 0.38 -30.33 | 33.38 0.39 -30.17 | 35.23 0.51 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.42 0.33 -34.70 | 33.71 0.32 -30.91 | 39.02 0.31 -36.34 | 34.79 0.40 -31.29 | 29.44 0.47 -25.46 | 23.25 0.58 -18.63 |
| NYPA__HELLGATE_GT1 24158 | 20.36 0.67 -14.13 | 17.64 0.63 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.21 0.54 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 33.34 0.34 -30.17 | 30.60 0.33 -27.54 | 31.14 0.32 -28.18 | 31.30 0.35 -28.10 | 30.91 0.36 -27.73 | 30.40 0.48 -26.18 | 32.35 0.45 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.42 -19.19 | 21.62 0.51 -17.07 |
| NYPA__HELLGATE_GT2 24159 | 20.36 0.67 -14.13 | 17.64 0.63 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 21.99 0.43 -17.82 | 26.21 0.54 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 33.34 0.34 -30.17 | 30.60 0.33 -27.54 | 31.14 0.32 -28.18 | 31.30 0.35 -28.10 | 30.91 0.36 -27.73 | 30.40 0.48 -26.18 | 32.35 0.45 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.93 0.35 -23.49 | 23.12 0.42 -19.19 | 21.62 0.51 -17.07 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NYS_BARGE___HYD 23848 | 11.52 -0.21 -6.16 | 11.52 -0.18 -6.35 | 9.99 -0.17 -5.15 | 9.85 -0.16 -5.01 | 10.22 -0.16 -5.43 | 11.52 -0.14 -6.79 | 18.30 -0.16 -14.72 | 21.98 -0.06 -17.20 | 23.24 -0.12 -19.10 | 24.21 -0.09 -20.49 | 27.91 -0.05 -25.12 | 30.25 -0.07 -27.59 | 33.19 -0.07 -30.63 | 32.14 -0.09 -29.38 | 30.43 -0.10 -27.71 | 30.92 -0.14 -27.32 | 31.39 -0.13 -27.94 | 30.69 -0.10 -28.60 | 26.68 -0.08 -24.37 | 26.18 -0.02 -23.72 | 26.89 -0.05 -24.58 | 22.09 -0.01 -19.01 | 19.30 -0.01 -15.80 | 15.49 -0.18 -11.62 |
| O.H_GEN_BRUCE 24063 | 11.76 -0.19 -6.39 | 11.70 -0.17 -6.52 | 10.17 -0.16 -5.32 | 10.00 -0.15 -5.15 | 10.37 -0.15 -5.57 | 11.67 -0.13 -6.93 | 18.46 -0.15 -14.86 | 22.14 -0.07 -17.36 | 23.44 -0.11 -19.29 | 24.42 -0.08 -20.69 | 22.86 -0.05 -20.07 | 23.06 -0.07 -20.40 | 22.86 -0.07 -20.29 | 21.24 -0.08 -18.47 | 22.01 -0.10 -19.28 | 22.77 -0.13 -19.16 | 24.76 -0.11 -21.29 | 27.30 -0.09 -25.20 | 26.91 -0.07 -24.59 | 26.40 -0.02 -23.94 | 27.12 -0.05 -24.81 | 22.27 -0.01 -19.19 | 19.44 -0.02 -15.94 | 15.61 -0.16 -11.73 |
| OAK_ORCHARD___HYD 24046 | 11.37 -0.13 -5.94 | 11.42 -0.12 -6.20 | 9.88 -0.11 -4.99 | 9.77 -0.11 -4.88 | 10.13 -0.11 -5.30 | 11.45 -0.08 -6.66 | 18.26 -0.07 -14.58 | 21.88 0.00 -17.03 | 23.12 -0.04 -18.90 | 24.06 -0.02 -20.28 | 23.86 -0.01 -21.02 | 24.62 -0.01 -21.90 | 25.23 -0.01 -22.61 | 23.79 -0.03 -20.96 | 23.90 -0.04 -21.12 | 24.62 -0.05 -20.93 | 26.18 -0.04 -22.64 | 27.85 -0.04 -25.70 | 26.51 -0.02 -24.14 | 26.00 0.01 -23.51 | 26.72 0.00 -24.36 | 21.95 0.02 -18.84 | 19.17 0.01 -15.65 | 15.46 -0.10 -11.52 |
| OCC_CHEM___DRP 24175 | 11.50 -0.28 -6.21 | 11.50 -0.24 -6.39 | 9.98 -0.22 -5.19 | 9.83 -0.21 -5.04 | 10.19 -0.21 -5.46 | 11.50 -0.20 -6.82 | 18.28 -0.22 -14.75 | 21.94 -0.14 -17.23 | 23.21 -0.19 -19.14 | 24.18 -0.16 -20.54 | 30.99 -0.11 -28.25 | 34.60 -0.12 -31.99 | 39.40 -0.12 -36.89 | 38.67 -0.14 -35.96 | 35.51 -0.16 -32.84 | 35.82 -0.21 -32.29 | 35.42 -0.19 -32.03 | 32.83 -0.13 -30.78 | 26.69 -0.12 -24.42 | 26.18 -0.07 -23.77 | 26.90 -0.10 -24.63 | 22.08 -0.07 -19.05 | 19.27 -0.07 -15.83 | 15.46 -0.23 -11.65 |
| OLIN_CORP_DRP 24177 | 11.51 -0.27 -6.22 | 11.51 -0.22 -6.39 | 9.99 -0.21 -5.19 | 9.84 -0.21 -5.05 | 10.20 -0.20 -5.47 | 11.51 -0.19 -6.82 | 18.28 -0.21 -14.75 | 21.95 -0.13 -17.24 | 23.22 -0.18 -19.15 | 24.20 -0.15 -20.54 | 30.87 -0.10 -28.13 | 34.42 -0.12 -31.81 | 39.15 -0.12 -36.63 | 38.40 -0.13 -35.69 | 35.30 -0.15 -32.62 | 35.62 -0.20 -32.09 | 35.26 -0.19 -31.86 | 32.75 -0.13 -30.70 | 26.70 -0.11 -24.42 | 26.19 -0.06 -23.78 | 26.91 -0.09 -24.64 | 22.09 -0.06 -19.06 | 19.28 -0.06 -15.83 | 15.47 -0.22 -11.65 |
| OLIN_CORP_DSASP 323712 | 11.50 -0.28 -6.21 | 11.50 -0.24 -6.39 | 9.98 -0.22 -5.19 | 9.83 -0.21 -5.04 | 10.19 -0.21 -5.46 | 11.50 -0.20 -6.82 | 18.28 -0.22 -14.75 | 21.94 -0.14 -17.23 | 23.21 -0.19 -19.14 | 24.18 -0.16 -20.54 | 30.99 -0.11 -28.25 | 34.60 -0.12 -31.99 | 39.40 -0.12 -36.89 | 38.67 -0.14 -35.96 | 35.51 -0.16 -32.84 | 35.82 -0.21 -32.29 | 35.42 -0.19 -32.03 | 32.83 -0.13 -30.78 | 26.69 -0.12 -24.42 | 26.18 -0.07 -23.77 | 26.90 -0.10 -24.63 | 22.08 -0.07 -19.05 | 19.27 -0.07 -15.83 | 15.46 -0.23 -11.65 |
| ONEIDA_HERK_LFGE 323681 | 10.80 0.09 -5.15 | 11.34 0.05 -5.94 | 9.71 0.05 -4.65 | 9.76 0.04 -4.72 | 10.15 0.04 -5.17 | 11.67 0.06 -6.74 | 19.72 0.06 -15.91 | 23.16 0.10 -18.22 | 24.85 0.09 -20.51 | 25.98 0.09 -22.09 | 26.01 0.06 -23.11 | 26.86 0.06 -24.07 | 27.56 0.07 -24.85 | 25.97 0.07 -23.05 | 26.10 0.05 -23.22 | 26.62 0.07 -22.81 | 28.33 0.08 -24.67 | 30.33 0.04 -28.11 | 28.85 0.05 -26.41 | 28.26 0.07 -25.71 | 29.07 0.06 -26.64 | 23.77 0.08 -20.61 | 20.70 0.06 -17.12 | 16.68 0.04 -12.60 |
| ONONDAGA_REF_OCCRA 23987 | 11.40 0.03 -5.80 | 11.47 0.03 -6.10 | 9.92 0.02 -4.89 | 9.82 0.02 -4.80 | 10.18 0.02 -5.21 | 11.48 0.03 -6.57 | 18.27 0.04 -14.49 | 21.86 0.09 -16.93 | 23.16 0.07 -18.83 | 24.08 0.08 -20.20 | 23.84 0.06 -20.94 | 24.60 0.06 -21.81 | 25.21 0.06 -22.52 | 23.78 0.05 -20.88 | 23.89 0.05 -21.02 | 24.64 0.06 -20.84 | 26.18 0.06 -22.53 | 27.72 0.03 -25.50 | 26.39 0.04 -23.96 | 25.86 0.06 -23.32 | 26.58 0.05 -24.17 | 21.85 0.07 -18.69 | 19.11 0.06 -15.53 | 15.49 0.02 -11.43 |
| ONONDAGA___COGEN 23986 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| ONTARIO___LFGE 23819 | 11.79 0.03 -6.19 | 11.74 0.03 -6.37 | 10.20 0.02 -5.17 | 10.05 0.03 -5.03 | 10.42 0.03 -5.44 | 11.72 0.05 -6.79 | 18.50 0.06 -14.69 | 22.15 0.15 -17.16 | 22.97 -0.02 -18.73 | 23.91 0.00 -20.10 | 23.68 0.01 -20.83 | 24.44 0.01 -21.70 | 25.04 0.00 -22.41 | 23.62 -0.01 -20.78 | 23.73 -0.02 -20.93 | 24.46 -0.03 -20.75 | 26.00 -0.02 -22.43 | 28.13 0.05 -25.89 | 26.78 0.06 -24.33 | 26.26 0.10 -23.68 | 26.99 0.08 -24.54 | 22.19 0.12 -18.98 | 19.39 0.11 -15.77 | 15.69 0.04 -11.60 |
| ORANGEVILLE_WT_PWR 323706 | 11.69 -0.14 -6.26 | 11.66 -0.11 -6.42 | 10.12 -0.11 -5.22 | 9.97 -0.10 -5.07 | 10.33 -0.11 -5.49 | 11.62 -0.10 -6.85 | 18.41 -0.12 -14.78 | 22.13 0.02 -17.27 | 23.40 -0.04 -19.18 | 24.37 -0.01 -20.58 | 31.93 0.01 -29.08 | 35.86 -0.01 -33.15 | 41.13 -0.02 -38.52 | 40.48 -0.03 -37.66 | 36.94 -0.05 -34.17 | 37.25 -0.07 -33.59 | 36.64 -0.06 -33.11 | 33.51 -0.05 -31.37 | 26.83 -0.03 -24.47 | 26.32 0.02 -23.82 | 27.04 0.00 -24.68 | 22.23 0.05 -19.09 | 19.42 0.05 -15.86 | 15.59 -0.12 -11.67 |
| OSWEGATCHIE___HYD 24044 | 7.27 -0.21 -1.92 | 7.70 -0.24 -2.59 | 7.58 -0.22 -2.79 | 7.58 -0.23 -2.82 | 7.79 -0.23 -3.08 | 8.43 -0.21 -3.77 | 12.74 -0.15 -9.15 | 12.49 -0.19 -7.84 | 14.46 -0.17 -10.37 | 15.47 -0.15 -11.82 | 16.70 -0.12 -13.98 | 17.19 -0.10 -14.56 | 17.58 -0.09 -15.03 | 16.69 -0.10 -13.94 | 16.76 -0.12 -14.06 | 15.80 -0.16 -12.22 | 16.67 -0.15 -13.23 | 18.61 -0.09 -16.52 | 17.82 -0.09 -15.52 | 17.50 -0.08 -15.11 | 17.95 -0.07 -15.65 | 15.10 -0.11 -12.11 | 13.43 -0.14 -10.06 | 11.27 -0.18 -7.40 |
| OSWEGO___5 23606 | 10.51 -0.09 -5.04 | 10.66 -0.08 -5.39 | 9.21 -0.08 -4.28 | 9.15 -0.08 -4.23 | 9.47 -0.07 -4.60 | 10.67 -0.07 -5.86 | 16.83 -0.05 -13.14 | 20.15 -0.04 -15.35 | 21.28 -0.04 -17.06 | 22.08 -0.03 -18.31 | 21.80 -0.02 -18.98 | 22.48 -0.02 -19.77 | 23.02 -0.02 -20.41 | 21.75 -0.03 -18.92 | 21.88 -0.03 -19.08 | 22.62 -0.04 -18.92 | 24.01 -0.04 -20.46 | 25.38 -0.02 -23.22 | 24.18 -0.02 -21.81 | 23.70 -0.01 -21.24 | 24.35 -0.02 -22.00 | 20.09 -0.02 -17.02 | 17.62 -0.03 -14.14 | 14.38 -0.06 -10.41 |
| OSWEGO___6 23613 | 10.51 -0.09 -5.04 | 10.66 -0.08 -5.39 | 9.21 -0.08 -4.28 | 9.15 -0.08 -4.23 | 9.47 -0.07 -4.60 | 10.67 -0.07 -5.86 | 16.83 -0.05 -13.14 | 20.15 -0.04 -15.35 | 21.28 -0.04 -17.06 | 22.08 -0.03 -18.31 | 21.80 -0.02 -18.98 | 22.48 -0.02 -19.77 | 23.02 -0.02 -20.41 | 21.75 -0.03 -18.92 | 21.88 -0.03 -19.08 | 22.62 -0.04 -18.92 | 24.01 -0.04 -20.46 | 25.38 -0.02 -23.22 | 24.18 -0.02 -21.81 | 23.70 -0.01 -21.24 | 24.35 -0.02 -22.00 | 20.09 -0.02 -17.02 | 17.62 -0.03 -14.14 | 14.38 -0.06 -10.41 |
| OUTOKUMPU-AB___DRP 24206 | 11.67 -0.13 -6.23 | 11.66 -0.09 -6.41 | 10.12 -0.09 -5.20 | 9.97 -0.08 -5.06 | 10.33 -0.09 -5.48 | 11.63 -0.07 -6.83 | 18.40 -0.11 -14.76 | 22.13 0.03 -17.25 | 23.39 -0.03 -19.16 | 24.35 -0.01 -20.56 | 31.18 0.01 -28.33 | 34.81 -0.01 -32.09 | 39.64 -0.02 -37.02 | 38.92 -0.03 -36.10 | 35.73 -0.04 -32.95 | 36.07 -0.06 -32.40 | 35.66 -0.05 -32.13 | 32.98 -0.05 -30.84 | 26.81 -0.02 -24.44 | 26.30 0.03 -23.79 | 27.01 0.00 -24.65 | 22.21 0.05 -19.07 | 19.41 0.06 -15.85 | 15.58 -0.12 -11.66 |

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|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| OXBOW____ 24026 | 11.59 -0.19 -6.22 | 11.59 -0.16 -6.40 | 10.06 -0.15 -5.19 | 9.91 -0.14 -5.05 | 10.27 -0.14 -5.47 | 11.57 -0.13 -6.83 | 18.35 -0.16 -14.76 | 22.04 -0.04 -17.24 | 23.31 -0.10 -19.15 | 24.28 -0.07 -20.55 | 31.10 -0.04 -28.29 | 34.71 -0.06 -32.04 | 39.53 -0.06 -36.96 | 38.80 -0.07 -36.03 | 35.63 -0.09 -32.89 | 35.96 -0.12 -32.35 | 35.56 -0.11 -32.08 | 32.91 -0.09 -30.81 | 26.76 -0.06 -24.43 | 26.25 -0.01 -23.78 | 26.96 -0.05 -24.64 | 22.15 0.00 -19.06 | 19.35 0.00 -15.84 | 15.53 -0.17 -11.65 |
| OXY_CHEM_DSASP 323612 | 11.50 -0.28 -6.21 | 11.50 -0.24 -6.39 | 9.98 -0.22 -5.19 | 9.83 -0.21 -5.04 | 10.19 -0.21 -5.46 | 11.50 -0.20 -6.82 | 18.28 -0.22 -14.75 | 21.94 -0.14 -17.23 | 23.21 -0.19 -19.14 | 24.18 -0.16 -20.54 | 30.99 -0.11 -28.25 | 34.60 -0.12 -31.99 | 39.40 -0.12 -36.89 | 38.67 -0.14 -35.96 | 35.51 -0.16 -32.84 | 35.82 -0.21 -32.29 | 35.42 -0.19 -32.03 | 32.83 -0.13 -30.78 | 26.69 -0.12 -24.42 | 26.18 -0.07 -23.77 | 26.90 -0.10 -24.63 | 22.08 -0.07 -19.05 | 19.27 -0.07 -15.83 | 15.46 -0.23 -11.65 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 11.50 -0.28 -6.21 | 11.50 -0.24 -6.39 | 9.98 -0.22 -5.19 | 9.83 -0.21 -5.04 | 10.19 -0.21 -5.46 | 11.50 -0.20 -6.82 | 18.28 -0.22 -14.75 | 21.94 -0.14 -17.23 | 23.21 -0.19 -19.14 | 24.18 -0.16 -20.54 | 30.99 -0.11 -28.25 | 34.60 -0.12 -31.99 | 39.40 -0.12 -36.89 | 38.67 -0.14 -35.96 | 35.51 -0.16 -32.84 | 35.82 -0.21 -32.29 | 35.42 -0.19 -32.03 | 32.83 -0.13 -30.78 | 26.69 -0.12 -24.42 | 26.18 -0.07 -23.77 | 26.90 -0.10 -24.63 | 22.08 -0.07 -19.05 | 19.27 -0.07 -15.83 | 15.46 -0.23 -11.65 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.35 0.55 -10.80 | 15.05 0.53 -9.52 | 15.55 0.53 -10.07 | 16.49 0.53 -11.08 | 21.99 0.42 -17.82 | 26.21 0.54 -20.82 | 27.95 0.50 -23.20 | 29.65 0.44 -25.41 | 29.52 0.33 -26.36 | 30.45 0.32 -27.41 | 31.13 0.31 -28.18 | 29.40 0.34 -26.21 | 29.54 0.35 -26.37 | 30.37 0.46 -26.17 | 32.33 0.44 -28.31 | 34.28 0.27 -31.83 | 32.53 0.29 -29.85 | 31.57 0.28 -28.81 | 32.51 0.27 -29.87 | 26.92 0.34 -23.49 | 23.11 0.41 -19.19 | 18.73 0.50 -14.19 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.22 0.56 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 29.53 0.34 -26.36 | 30.46 0.33 -27.41 | 31.14 0.32 -28.18 | 29.41 0.35 -26.21 | 29.55 0.36 -26.37 | 30.39 0.47 -26.17 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.58 0.29 -28.81 | 32.52 0.28 -29.87 | 26.94 0.35 -23.49 | 23.12 0.42 -19.19 | 18.74 0.51 -14.19 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 11.96 0.01 -6.39 | 11.89 0.03 -6.51 | 10.34 0.02 -5.31 | 10.17 0.03 -5.15 | 10.54 0.03 -5.57 | 11.84 0.04 -6.93 | 18.61 0.00 -14.86 | 22.38 0.17 -17.36 | 23.67 0.12 -19.29 | 24.63 0.13 -20.70 | 32.14 0.11 -29.19 | 36.06 0.08 -33.25 | 41.33 0.08 -38.61 | 40.68 0.08 -37.75 | 37.15 0.06 -34.27 | 37.49 0.07 -33.68 | 36.89 0.09 -33.22 | 33.70 0.03 -31.48 | 27.04 0.06 -24.59 | 26.53 0.11 -23.94 | 27.25 0.08 -24.81 | 22.43 0.15 -19.19 | 19.61 0.16 -15.94 | 15.78 0.00 -11.73 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 20.41 0.59 -14.26 | 17.65 0.56 -11.75 | 16.38 0.50 -10.87 | 15.08 0.49 -9.59 | 15.58 0.49 -10.14 | 16.49 0.49 -11.13 | 21.97 0.40 -17.83 | 26.18 0.50 -20.83 | 27.92 0.47 -23.20 | 29.10 0.41 -24.89 | 28.94 0.31 -25.80 | 29.90 0.30 -26.87 | 30.68 0.30 -27.74 | 28.90 0.32 -25.73 | 29.08 0.33 -25.92 | 29.87 0.43 -25.70 | 31.79 0.42 -27.79 | 33.94 0.26 -31.49 | 32.25 0.27 -29.59 | 31.54 0.26 -28.81 | 32.46 0.25 -29.85 | 26.51 0.33 -23.09 | 23.07 0.38 -19.18 | 18.62 0.46 -14.11 |
| PEEKSKILL____ 23653 | 20.18 0.55 -14.07 | 17.50 0.52 -11.63 | 16.17 0.44 -10.72 | 14.94 0.45 -9.49 | 15.44 0.45 -10.04 | 16.38 0.46 -11.05 | 21.93 0.37 -17.82 | 26.14 0.47 -20.82 | 27.88 0.43 -23.19 | 29.17 0.38 -24.98 | 29.07 0.29 -25.95 | 30.01 0.28 -27.01 | 30.77 0.27 -27.86 | 29.02 0.30 -25.87 | 29.20 0.31 -26.06 | 29.96 0.41 -25.82 | 31.85 0.39 -27.88 | 33.95 0.24 -31.53 | 32.22 0.25 -29.58 | 31.51 0.24 -28.79 | 32.43 0.23 -29.83 | 26.48 0.31 -23.08 | 23.04 0.36 -19.17 | 18.62 0.44 -14.15 |
| PGE MADISON____WINDPWR 24146 | 13.93 0.39 -7.98 | 13.31 0.30 -7.66 | 11.74 0.27 -6.47 | 11.36 0.26 -6.11 | 11.77 0.26 -6.57 | 13.08 0.30 -7.91 | 19.96 0.26 -15.96 | 23.87 0.38 -18.64 | 25.39 0.33 -20.80 | 26.43 0.31 -22.32 | 26.58 0.22 -23.52 | 27.58 0.22 -24.64 | 28.50 0.22 -25.64 | 26.96 0.24 -23.88 | 26.90 0.21 -23.87 | 27.67 0.29 -23.65 | 29.30 0.30 -25.41 | 30.76 0.16 -28.41 | 29.06 0.21 -26.47 | 28.49 0.25 -25.77 | 29.29 0.23 -26.70 | 24.03 0.29 -20.65 | 20.95 0.28 -17.16 | 16.92 0.25 -12.63 |
| PIERCEFIELD____HYD 23852 | 5.20 -0.37 0.00 | 5.67 -0.38 -0.70 | 6.36 -0.36 -1.71 | 6.38 -0.36 -1.75 | 6.50 -0.36 -1.92 | 6.68 -0.36 -2.16 | 9.20 -0.26 -5.72 | 6.88 -0.35 -2.39 | 9.08 -0.32 -5.14 | 10.08 -0.29 -6.56 | 12.03 -0.22 -9.40 | 12.33 -0.20 -9.80 | 12.57 -0.18 -10.11 | 12.02 -0.21 -9.38 | 12.07 -0.21 -9.46 | 10.24 -0.28 -6.79 | 10.68 -0.27 -7.36 | 12.67 -0.16 -10.64 | 12.23 -0.16 -10.00 | 12.04 -0.17 -9.73 | 12.30 -0.15 -10.08 | 10.68 -0.21 -7.80 | 9.73 -0.26 -6.48 | 8.52 -0.29 -4.77 |
| PINELAWN_CC_1 323563 | 20.42 0.73 -14.12 | 18.04 0.70 -12.00 | 16.43 0.62 -10.80 | 15.13 0.62 -9.52 | 15.63 0.61 -10.07 | 16.57 0.62 -11.08 | 22.07 0.50 -17.82 | 28.40 0.64 -22.91 | 31.12 0.57 -26.28 | 36.23 0.51 -31.92 | 35.03 0.34 -31.85 | 35.96 0.33 -32.90 | 35.35 0.32 -32.39 | 33.53 0.35 -30.33 | 33.35 0.36 -30.17 | 35.20 0.47 -30.99 | 38.95 0.45 -34.91 | 39.09 0.28 -36.63 | 37.39 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.79 0.40 -31.29 | 29.35 0.48 -25.35 | 23.18 0.58 -18.56 |
| PJM_GEN_HTP_PROXY 323702 | 20.31 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.51 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.23 0.55 -20.83 | 27.97 0.51 -23.20 | 31.78 0.45 -27.53 | 33.04 0.34 -29.86 | 33.60 0.33 -30.54 | 33.97 0.32 -31.01 | 32.91 0.35 -29.72 | 32.90 0.36 -29.72 | 33.29 0.47 -29.08 | 34.41 0.45 -30.38 | 35.25 0.28 -32.78 | 32.43 0.29 -29.75 | 31.57 0.28 -28.81 | 32.50 0.27 -29.87 | 26.79 0.36 -23.34 | 23.12 0.42 -19.19 | 19.63 0.51 -15.08 |
| PJM_GEN_KEystone 24065 | 16.52 0.27 -10.68 | 14.99 0.26 -9.39 | 13.57 0.22 -8.34 | 12.81 0.23 -7.58 | 13.25 0.23 -8.08 | 14.33 0.24 -9.22 | 20.50 0.18 -16.57 | 24.49 0.29 -19.36 | 26.05 0.25 -21.55 | 27.45 0.23 -23.42 | 28.12 0.17 -25.11 | 29.23 0.16 -26.34 | 30.30 0.16 -27.51 | 28.81 0.17 -25.79 | 28.62 0.17 -25.63 | 29.29 0.22 -25.34 | 30.80 0.22 -27.00 | 32.13 0.12 -29.82 | 30.01 0.14 -27.48 | 29.37 0.15 -26.74 | 30.21 0.14 -27.70 | 24.75 0.20 -21.46 | 21.54 0.23 -17.81 | 17.47 0.21 -13.21 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 20.34 0.66 -14.12 | 17.98 0.63 -12.00 | 16.36 0.56 -10.80 | 15.07 0.55 -9.52 | 15.57 0.55 -10.07 | 16.51 0.56 -11.08 | 22.02 0.45 -17.82 | 28.38 0.57 -22.97 | 31.13 0.51 -26.36 | 36.17 0.45 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.31 -32.39 | 33.53 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.94 0.44 -34.91 | 39.09 0.27 -36.63 | 37.38 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.74 0.36 -31.29 | 29.46 0.42 -25.52 | 23.23 0.52 -18.67 |
| PJM_GEN_VFT_PROXY 323633 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.51 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 33.48 0.45 -29.23 | 35.66 0.34 -32.48 | 35.96 0.33 -32.90 | 36.08 0.32 -33.12 | 35.48 0.35 -32.29 | 35.35 0.36 -32.17 | 35.47 0.47 -31.26 | 36.09 0.46 -32.05 | 36.08 0.28 -33.62 | 32.54 0.29 -29.86 | 31.58 0.28 -28.81 | 32.52 0.27 -29.88 | 26.96 0.37 -23.50 | 23.13 0.43 -19.19 | 20.26 0.51 -15.71 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| PLEASANTVLY___LBMP 24000 | 20.40 0.53 -14.30 | 17.62 0.50 -11.78 | 16.37 0.45 -10.91 | 15.06 0.44 -9.62 | 15.55 0.44 -10.17 | 16.47 0.45 -11.15 | 21.93 0.36 -17.83 | 26.13 0.45 -20.84 | 27.87 0.41 -23.20 | 29.06 0.36 -24.90 | 28.91 0.27 -25.81 | 29.87 0.26 -26.88 | 30.64 0.25 -27.75 | 28.86 0.28 -25.74 | 29.04 0.29 -25.93 | 29.82 0.38 -25.71 | 31.74 0.36 -27.80 | 33.91 0.22 -31.50 | 32.22 0.23 -29.60 | 31.52 0.23 -28.82 | 32.44 0.22 -29.86 | 26.47 0.28 -23.09 | 23.04 0.34 -19.19 | 18.58 0.42 -14.12 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 20.30 0.58 -14.15 | 17.58 0.55 -11.68 | 16.32 0.50 -10.81 | 15.02 0.48 -9.54 | 15.51 0.48 -10.09 | 16.45 0.49 -11.09 | 21.96 0.39 -17.82 | 26.18 0.50 -20.83 | 27.91 0.46 -23.19 | 28.92 0.41 -24.71 | 28.67 0.31 -25.52 | 29.65 0.30 -26.62 | 30.45 0.29 -27.52 | 28.63 0.32 -25.46 | 28.82 0.33 -25.66 | 29.64 0.43 -25.47 | 31.61 0.42 -27.61 | 33.84 0.26 -31.40 | 32.23 0.27 -29.57 | 31.54 0.26 -28.80 | 32.45 0.25 -29.84 | 26.48 0.32 -23.07 | 23.07 0.38 -19.18 | 18.55 0.46 -14.05 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 20.55 0.55 -14.44 | 17.72 0.52 -11.86 | 16.48 0.47 -11.00 | 15.15 0.46 -9.69 | 15.64 0.46 -10.24 | 16.54 0.46 -11.21 | 21.95 0.37 -17.84 | 26.16 0.47 -20.84 | 27.90 0.43 -23.21 | 29.08 0.38 -24.90 | 28.93 0.28 -25.81 | 29.89 0.28 -26.88 | 30.66 0.27 -27.75 | 28.88 0.30 -25.74 | 29.06 0.31 -25.93 | 29.85 0.40 -25.71 | 31.77 0.38 -27.80 | 33.93 0.24 -31.50 | 32.24 0.25 -29.60 | 31.54 0.24 -28.82 | 32.46 0.23 -29.86 | 26.49 0.30 -23.10 | 23.05 0.35 -19.19 | 18.59 0.43 -14.12 |
| POLETTI____ 23519 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.43 -17.82 | 26.22 0.55 -20.83 | 27.97 0.50 -23.21 | 33.48 0.44 -29.23 | 35.65 0.33 -32.47 | 35.95 0.32 -32.90 | 36.07 0.32 -33.12 | 35.47 0.34 -32.28 | 35.34 0.35 -32.16 | 35.46 0.46 -31.26 | 36.07 0.44 -32.04 | 36.08 0.27 -33.62 | 32.54 0.29 -29.86 | 31.58 0.28 -28.81 | 32.52 0.27 -29.88 | 26.95 0.36 -23.50 | 23.13 0.42 -19.19 | 20.26 0.51 -15.71 |
| PORT_JEFF_3 23555 | 20.46 0.78 -14.12 | 18.08 0.74 -12.00 | 16.46 0.66 -10.80 | 15.17 0.65 -9.52 | 15.65 0.64 -10.07 | 16.59 0.64 -11.08 | 22.07 0.50 -17.82 | 28.43 0.64 -22.95 | 31.17 0.58 -26.33 | 36.23 0.51 -31.92 | 35.07 0.38 -31.85 | 35.99 0.37 -32.90 | 35.38 0.36 -32.39 | 33.57 0.39 -30.33 | 33.39 0.40 -30.17 | 35.24 0.52 -30.99 | 38.98 0.48 -34.91 | 39.11 0.30 -36.63 | 37.43 0.33 -34.70 | 33.72 0.33 -30.91 | 39.03 0.32 -36.34 | 34.80 0.41 -31.29 | 29.45 0.48 -25.46 | 23.26 0.59 -18.63 |
| PORT_JEFF_4 23616 | 20.46 0.78 -14.12 | 18.08 0.74 -12.00 | 16.46 0.66 -10.80 | 15.17 0.65 -9.52 | 15.65 0.64 -10.07 | 16.59 0.64 -11.08 | 22.07 0.50 -17.82 | 28.43 0.64 -22.95 | 31.17 0.58 -26.33 | 36.23 0.51 -31.92 | 35.07 0.38 -31.85 | 35.99 0.37 -32.90 | 35.38 0.36 -32.39 | 33.57 0.39 -30.33 | 33.39 0.40 -30.17 | 35.24 0.52 -30.99 | 38.98 0.48 -34.91 | 39.11 0.30 -36.63 | 37.43 0.33 -34.70 | 33.72 0.33 -30.91 | 39.03 0.32 -36.34 | 34.80 0.41 -31.29 | 29.45 0.48 -25.46 | 23.26 0.59 -18.63 |
| PORT_JEFF_IC 23713 | 20.48 0.80 -14.12 | 18.10 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.66 0.65 -10.07 | 16.60 0.65 -11.08 | 22.08 0.51 -17.82 | 28.44 0.65 -22.95 | 31.18 0.59 -26.33 | 36.24 0.52 -31.92 | 35.07 0.39 -31.85 | 36.00 0.37 -32.90 | 35.39 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.40 -30.17 | 35.26 0.53 -30.99 | 38.97 0.47 -34.91 | 39.11 0.30 -36.63 | 37.44 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.42 -31.29 | 29.46 0.50 -25.45 | 23.27 0.60 -18.62 |
| PPL PILGRIM_ST_GT1 24216 | 20.47 0.79 -14.12 | 18.09 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.67 0.66 -10.07 | 16.61 0.66 -11.08 | 22.09 0.53 -17.82 | 28.46 0.68 -22.94 | 31.19 0.61 -26.32 | 36.26 0.54 -31.92 | 35.09 0.40 -31.85 | 36.02 0.39 -32.90 | 35.41 0.38 -32.39 | 33.59 0.41 -30.33 | 33.41 0.42 -30.17 | 35.26 0.53 -30.99 | 39.00 0.50 -34.91 | 39.13 0.31 -36.63 | 37.43 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.34 -36.34 | 34.82 0.44 -31.29 | 29.46 0.51 -25.44 | 23.27 0.61 -18.61 |
| PPL PILGRIM_ST_GT2 24217 | 20.47 0.79 -14.12 | 18.09 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.67 0.66 -10.07 | 16.61 0.66 -11.08 | 22.09 0.53 -17.82 | 28.46 0.68 -22.94 | 31.19 0.61 -26.32 | 36.26 0.54 -31.92 | 35.09 0.40 -31.85 | 36.02 0.39 -32.90 | 35.41 0.38 -32.39 | 33.59 0.41 -30.33 | 33.41 0.42 -30.17 | 35.26 0.53 -30.99 | 39.00 0.50 -34.91 | 39.13 0.31 -36.63 | 37.43 0.34 -34.70 | 33.73 0.34 -30.91 | 39.04 0.34 -36.34 | 34.82 0.44 -31.29 | 29.46 0.51 -25.44 | 23.27 0.61 -18.61 |
| PPL_SHRM_GT3 24213 | 20.46 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.63 0.61 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.11 0.52 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.09 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.44 -25.45 | 23.22 0.56 -18.62 |
| PPL_SHRM_GT4 24214 | 20.46 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.63 0.61 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.11 0.52 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.09 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.44 -25.45 | 23.22 0.56 -18.62 |
| PROJECT___ORANGE 1 24174 | 11.20 -0.02 -5.65 | 11.33 -0.02 -6.00 | 9.78 -0.01 -4.79 | 9.70 -0.01 -4.72 | 10.05 -0.01 -5.13 | 11.37 0.00 -6.50 | 18.21 0.01 -14.46 | 21.79 0.05 -16.90 | 23.08 0.04 -18.79 | 24.01 0.05 -20.16 | 23.78 0.04 -20.89 | 24.53 0.04 -21.77 | 25.14 0.04 -22.47 | 23.72 0.03 -20.84 | 23.81 0.03 -20.96 | 24.55 0.04 -20.78 | 26.09 0.04 -22.47 | 27.58 0.02 -25.37 | 26.25 0.02 -23.84 | 25.72 0.03 -23.21 | 26.44 0.03 -24.05 | 21.74 0.04 -18.60 | 19.00 0.04 -15.46 | 15.41 -0.01 -11.37 |
| PROJECT___ORANGE 2 24166 | 11.20 -0.02 -5.65 | 11.33 -0.02 -6.00 | 9.78 -0.01 -4.79 | 9.70 -0.01 -4.72 | 10.05 -0.01 -5.13 | 11.37 0.00 -6.50 | 18.21 0.01 -14.46 | 21.79 0.05 -16.90 | 23.08 0.04 -18.79 | 24.01 0.05 -20.16 | 23.78 0.04 -20.89 | 24.53 0.04 -21.77 | 25.14 0.04 -22.47 | 23.72 0.03 -20.84 | 23.81 0.03 -20.96 | 24.55 0.04 -20.78 | 26.09 0.04 -22.47 | 27.58 0.02 -25.37 | 26.25 0.02 -23.84 | 25.72 0.03 -23.21 | 26.44 0.03 -24.05 | 21.74 0.04 -18.60 | 19.00 0.04 -15.46 | 15.41 -0.01 -11.37 |
| PYRITES___HYD 24023 | 5.15 -0.31 0.11 | 5.60 -0.33 -0.59 | 6.35 -0.31 -1.65 | 6.36 -0.32 -1.69 | 6.48 -0.32 -1.85 | 6.63 -0.31 -2.07 | 9.03 -0.22 -5.51 | 6.60 -0.30 -2.06 | 8.70 -0.26 -4.71 | 9.69 -0.24 -6.12 | 11.68 -0.18 -9.02 | 11.97 -0.16 -9.40 | 12.19 -0.15 -9.70 | 11.68 -0.17 -9.00 | 11.72 -0.18 -9.07 | 9.84 -0.24 -6.34 | 10.24 -0.23 -6.88 | 12.33 -0.13 -10.28 | 11.91 -0.13 -9.66 | 11.74 -0.14 -9.40 | 11.98 -0.12 -9.74 | 10.45 -0.18 -7.53 | 9.54 -0.23 -6.26 | 8.40 -0.25 -4.61 |
| RAMAPO___LBMP 323565 | 20.04 0.53 -13.95 | 17.40 0.50 -11.56 | 16.07 0.43 -10.63 | 14.87 0.44 -9.43 | 15.36 0.44 -9.98 | 16.24 0.44 -10.93 | 21.91 0.36 -17.81 | 26.10 0.46 -20.80 | 27.84 0.43 -23.16 | 29.02 0.37 -24.85 | 28.88 0.28 -25.76 | 29.83 0.27 -26.83 | 30.60 0.27 -27.70 | 28.83 0.29 -25.69 | 29.01 0.30 -25.88 | 29.79 0.40 -25.66 | 31.71 0.38 -27.74 | 33.86 0.23 -31.44 | 32.18 0.25 -29.54 | 31.47 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.01 0.35 -19.15 | 18.55 0.42 -14.09 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| RANKINE____ 23646 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.07 -5.26 | 10.04 -0.05 -5.10 | 10.41 -0.06 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.08 -14.81 | 22.22 0.08 -17.30 | 23.50 0.02 -19.23 | 24.46 0.03 -20.63 | 33.34 0.04 -30.46 | 37.81 0.02 -35.07 | 43.88 0.01 -41.23 | 43.37 0.01 -40.52 | 39.21 -0.01 -36.40 | 39.47 -0.02 -35.75 | 38.47 -0.01 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.02 -24.73 | 22.30 0.08 -19.13 | 19.49 0.09 -15.89 | 15.65 -0.08 -11.69 |
| RAVENSWOOD_GT2_1 24244 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT2_2 24245 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT2_3 24246 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 22.00 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 34.27 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.47 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.59 0.30 -29.91 | 31.58 0.29 -28.82 | 32.53 0.28 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT2_4 24247 | 20.32 0.64 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 22.00 0.43 -17.82 | 26.23 0.56 -20.83 | 27.98 0.51 -23.21 | 34.27 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.47 0.47 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.59 0.30 -29.91 | 31.58 0.29 -28.82 | 32.53 0.28 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT3_1 24248 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT3_2 24249 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT3_3 24250 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.53 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT3_4 24251 | 20.33 0.65 -14.12 | 17.61 0.60 -11.66 | 16.35 0.55 -10.80 | 15.04 0.53 -9.52 | 15.54 0.53 -10.07 | 16.49 0.54 -11.08 | 22.00 0.43 -17.82 | 26.24 0.56 -20.83 | 27.98 0.51 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_1 23729 | 20.35 0.66 -14.13 | 17.63 0.63 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.28 0.46 -30.01 | 36.86 0.35 -33.67 | 37.05 0.34 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.48 0.37 -33.28 | 36.48 0.49 -32.25 | 36.86 0.46 -32.81 | 36.47 0.29 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.54 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.52 -16.00 |
| RAVENSWOOD_GT_10 24258 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_11 24259 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_4 24252 | 20.31 0.63 -14.11 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.23 0.55 -20.83 | 27.97 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.46 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_5 24254 | 20.31 0.63 -14.11 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.23 0.55 -20.83 | 27.97 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.46 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_6 24253 | 20.31 0.63 -14.11 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.23 0.55 -20.83 | 27.97 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.46 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| RAVENSWOOD_GT_7 24255 | 20.31 0.63 -14.11 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.03 0.52 -9.52 | 15.53 0.52 -10.07 | 16.48 0.53 -11.08 | 21.99 0.42 -17.82 | 26.23 0.55 -20.83 | 27.97 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.46 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD_GT_9 24257 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.46 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD___1 23533 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.36 0.56 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.44 -17.82 | 26.25 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.86 0.34 -33.67 | 37.04 0.33 -33.98 | 37.05 0.33 -34.08 | 36.67 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.54 0.28 -29.89 | 27.03 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.52 -16.00 |
| RAVENSWOOD___2 23534 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD___3 23535 | 20.32 0.63 -14.12 | 17.61 0.60 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.54 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.55 -20.83 | 27.98 0.51 -23.21 | 34.26 0.45 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.35 -33.46 | 36.47 0.36 -33.28 | 36.46 0.47 -32.25 | 36.85 0.45 -32.81 | 36.47 0.28 -34.00 | 32.59 0.29 -29.91 | 31.58 0.28 -28.82 | 32.53 0.27 -29.89 | 27.03 0.36 -23.57 | 23.13 0.42 -19.20 | 20.55 0.51 -16.00 |
| RAVENSWOOD___4 23820 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| RCPL_TRUST___DRP 24196 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.97 0.51 -23.20 | 31.79 0.46 -27.53 | 33.04 0.34 -29.86 | 33.60 0.33 -30.54 | 33.97 0.32 -31.01 | 32.92 0.36 -29.72 | 32.91 0.36 -29.72 | 33.30 0.48 -29.08 | 34.42 0.46 -30.38 | 35.25 0.28 -32.78 | 32.43 0.30 -29.75 | 31.57 0.29 -28.81 | 32.51 0.28 -29.87 | 26.79 0.36 -23.34 | 23.12 0.42 -19.19 | 19.63 0.51 -15.08 |
| RENSSELAER___COGEN 23796 | 21.57 0.33 -15.68 | 18.28 0.32 -12.62 | 17.09 0.30 -11.79 | 15.59 0.29 -10.30 | 16.09 0.29 -10.86 | 16.89 0.29 -11.73 | 21.82 0.18 -17.90 | 26.13 0.20 -21.09 | 27.85 0.18 -23.41 | 29.03 0.15 -25.07 | 28.82 0.12 -25.87 | 29.78 0.10 -26.94 | 30.55 0.10 -27.82 | 28.76 0.11 -25.80 | 28.93 0.12 -25.99 | 29.79 0.16 -25.89 | 31.72 0.15 -27.99 | 33.87 0.10 -31.58 | 32.16 0.10 -29.67 | 31.46 0.09 -28.89 | 32.38 0.09 -29.93 | 26.35 0.11 -23.15 | 22.89 0.15 -19.24 | 18.43 0.23 -14.15 |
| REVERE_CPPR_DRP 24186 | 11.20 0.18 -5.46 | 11.61 0.13 -6.14 | 9.94 0.12 -4.81 | 9.95 0.11 -4.85 | 10.35 0.11 -5.29 | 11.87 0.14 -6.86 | 19.79 0.13 -15.92 | 23.44 0.20 -18.40 | 25.04 0.18 -20.61 | 26.13 0.17 -22.15 | 26.04 0.12 -23.08 | 26.89 0.12 -24.04 | 27.58 0.13 -24.82 | 26.00 0.13 -23.02 | 26.12 0.11 -23.19 | 26.75 0.15 -22.87 | 28.47 0.15 -24.73 | 30.35 0.08 -28.08 | 28.88 0.10 -26.39 | 28.29 0.13 -25.69 | 29.10 0.12 -26.62 | 23.83 0.15 -20.59 | 20.75 0.13 -17.11 | 16.73 0.10 -12.59 |
| RIVERBAY____ 323610 | 20.36 0.67 -14.13 | 17.64 0.64 -11.66 | 16.37 0.57 -10.80 | 15.06 0.55 -9.52 | 15.56 0.54 -10.07 | 16.50 0.54 -11.08 | 22.00 0.43 -17.82 | 26.22 0.56 -20.82 | 27.97 0.51 -23.20 | 29.66 0.45 -25.41 | 29.53 0.34 -26.36 | 30.46 0.33 -27.41 | 31.14 0.32 -28.18 | 29.41 0.35 -26.21 | 29.55 0.36 -26.37 | 30.39 0.47 -26.17 | 32.35 0.46 -28.31 | 34.29 0.28 -31.83 | 32.54 0.30 -29.85 | 31.58 0.29 -28.81 | 32.52 0.28 -29.87 | 26.94 0.35 -23.49 | 23.12 0.42 -19.19 | 18.74 0.51 -14.19 |
| ROCHESTER_9_IC 23652 | 11.38 -0.12 -5.94 | 11.43 -0.11 -6.19 | 9.89 -0.11 -4.99 | 9.77 -0.11 -4.88 | 10.14 -0.10 -5.29 | 11.45 -0.07 -6.66 | 18.27 -0.06 -14.58 | 21.89 0.01 -17.03 | 23.13 -0.03 -18.90 | 24.07 -0.01 -20.28 | 23.86 0.00 -21.02 | 24.62 0.00 -21.90 | 25.23 -0.01 -22.60 | 23.79 -0.02 -20.96 | 23.91 -0.03 -21.11 | 24.63 -0.04 -20.93 | 26.18 -0.04 -22.63 | 27.85 -0.03 -25.70 | 26.52 -0.02 -24.14 | 26.01 0.02 -23.50 | 26.72 0.00 -24.35 | 21.96 0.03 -18.84 | 19.18 0.02 -15.65 | 15.47 -0.09 -11.52 |
| ROSETON___1 23587 | 20.21 0.52 -14.13 | 17.50 0.49 -11.67 | 16.23 0.44 -10.78 | 14.96 0.44 -9.52 | 15.45 0.44 -10.07 | 16.37 0.44 -11.06 | 21.91 0.35 -17.82 | 26.11 0.45 -20.82 | 27.85 0.40 -23.19 | 29.04 0.36 -24.88 | 28.89 0.27 -25.79 | 29.85 0.26 -26.86 | 30.62 0.25 -27.73 | 28.84 0.28 -25.72 | 29.02 0.29 -25.91 | 29.80 0.38 -25.69 | 31.72 0.36 -27.78 | 33.89 0.22 -31.48 | 32.20 0.23 -29.58 | 31.50 0.23 -28.79 | 32.42 0.22 -29.83 | 26.45 0.28 -23.08 | 23.02 0.34 -19.17 | 18.56 0.41 -14.11 |
| ROSETON___2 23588 | 20.21 0.52 -14.13 | 17.50 0.49 -11.67 | 16.23 0.44 -10.78 | 14.96 0.44 -9.52 | 15.45 0.44 -10.07 | 16.37 0.44 -11.06 | 21.91 0.35 -17.82 | 26.11 0.45 -20.82 | 27.85 0.40 -23.19 | 29.04 0.36 -24.88 | 28.89 0.27 -25.79 | 29.85 0.26 -26.86 | 30.62 0.25 -27.73 | 28.84 0.28 -25.72 | 29.02 0.29 -25.91 | 29.80 0.38 -25.69 | 31.72 0.36 -27.78 | 33.89 0.22 -31.48 | 32.20 0.23 -29.58 | 31.50 0.23 -28.79 | 32.42 0.22 -29.83 | 26.45 0.28 -23.08 | 23.02 0.34 -19.17 | 18.56 0.41 -14.11 |
| RUSSELL___1 23602 | 11.40 -0.11 -5.94 | 11.44 -0.10 -6.19 | 9.90 -0.10 -4.99 | 9.79 -0.08 -4.88 | 10.15 -0.08 -5.29 | 11.47 -0.06 -6.66 | 18.29 -0.04 -14.58 | 21.91 0.04 -17.03 | 23.15 -0.01 -18.90 | 24.09 0.01 -20.28 | 23.88 0.02 -21.02 | 24.64 0.01 -21.90 | 25.25 0.01 -22.60 | 23.81 0.00 -20.96 | 23.92 -0.01 -21.11 | 24.65 -0.02 -20.93 | 26.21 -0.01 -22.63 | 27.86 -0.02 -25.70 | 26.53 0.00 -24.14 | 26.02 0.04 -23.50 | 26.73 0.02 -24.35 | 21.98 0.05 -18.84 | 19.20 0.04 -15.65 | 15.49 -0.07 -11.52 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RUSSELL___2 23532 | 11.40 -0.11 -5.94 | 11.44 -0.10 -6.19 | 9.90 -0.10 -4.99 | 9.79 -0.08 -4.88 | 10.15 -0.08 -5.29 | 11.47 -0.06 -6.66 | 18.29 -0.04 -14.58 | 21.91 0.04 -17.03 | 23.15 -0.01 -18.90 | 24.09 0.01 -20.28 | 23.88 0.02 -21.02 | 24.64 0.01 -21.90 | 25.25 0.01 -22.60 | 23.81 0.00 -20.96 | 23.92 -0.01 -21.11 | 24.65 -0.02 -20.93 | 26.21 -0.01 -22.63 | 27.86 -0.02 -25.70 | 26.53 0.00 -24.14 | 26.02 0.04 -23.50 | 26.73 0.02 -24.35 | 21.98 0.05 -18.84 | 19.20 0.04 -15.65 | 15.49 -0.07 -11.52 |
| RUSSELL___3 23549 | 11.40 -0.11 -5.94 | 11.44 -0.10 -6.19 | 9.90 -0.10 -4.99 | 9.79 -0.08 -4.88 | 10.15 -0.08 -5.29 | 11.47 -0.06 -6.66 | 18.29 -0.04 -14.58 | 21.91 0.04 -17.03 | 23.15 -0.01 -18.90 | 24.09 0.01 -20.28 | 23.88 0.02 -21.02 | 24.64 0.01 -21.90 | 25.25 0.01 -22.60 | 23.81 0.00 -20.96 | 23.92 -0.01 -21.11 | 24.65 -0.02 -20.93 | 26.21 -0.01 -22.63 | 27.86 -0.02 -25.70 | 26.53 0.00 -24.14 | 26.02 0.04 -23.50 | 26.73 0.02 -24.35 | 21.98 0.05 -18.84 | 19.20 0.04 -15.65 | 15.49 -0.07 -11.52 |
| RUSSELL___4 23556 | 11.40 -0.11 -5.94 | 11.44 -0.10 -6.19 | 9.90 -0.10 -4.99 | 9.79 -0.08 -4.88 | 10.15 -0.08 -5.29 | 11.47 -0.06 -6.66 | 18.29 -0.04 -14.58 | 21.91 0.04 -17.03 | 23.15 -0.01 -18.90 | 24.09 0.01 -20.28 | 23.88 0.02 -21.02 | 24.64 0.01 -21.90 | 25.25 0.01 -22.60 | 23.81 0.00 -20.96 | 23.92 -0.01 -21.11 | 24.65 -0.02 -20.93 | 26.21 -0.01 -22.63 | 27.86 -0.02 -25.70 | 26.53 0.00 -24.14 | 26.02 0.04 -23.50 | 26.73 0.02 -24.35 | 21.98 0.05 -18.84 | 19.20 0.04 -15.65 | 15.49 -0.07 -11.52 |
| RUSSELL___STATION 23914 | 11.40 -0.11 -5.94 | 11.44 -0.10 -6.19 | 9.90 -0.10 -4.99 | 9.79 -0.08 -4.88 | 10.15 -0.08 -5.29 | 11.47 -0.06 -6.66 | 18.29 -0.04 -14.58 | 21.91 0.04 -17.03 | 23.15 -0.01 -18.90 | 24.09 0.01 -20.28 | 23.88 0.02 -21.02 | 24.64 0.01 -21.90 | 25.25 0.01 -22.60 | 23.81 0.00 -20.96 | 23.92 -0.01 -21.11 | 24.65 -0.02 -20.93 | 26.21 -0.01 -22.63 | 27.86 -0.02 -25.70 | 26.53 0.00 -24.14 | 26.02 0.04 -23.50 | 26.73 0.02 -24.35 | 21.98 0.05 -18.84 | 19.20 0.04 -15.65 | 15.49 -0.07 -11.52 |
| S SALMON___HYD 24043 | 10.45 -0.06 -4.94 | 10.65 -0.07 -5.37 | 9.30 -0.07 -4.37 | 9.25 -0.07 -4.33 | 9.58 -0.07 -4.71 | 10.80 -0.05 -5.98 | 17.22 -0.03 -13.50 | 20.20 -0.01 -15.38 | 21.55 -0.03 -17.32 | 22.47 -0.01 -18.68 | 22.43 -0.01 -19.60 | 23.15 0.00 -20.42 | 23.72 0.00 -21.08 | 22.39 -0.01 -19.55 | 22.56 -0.02 -19.75 | 23.06 -0.02 -19.34 | 24.49 -0.01 -20.92 | 26.16 -0.02 -23.99 | 24.92 -0.01 -22.54 | 24.43 0.00 -21.94 | 25.10 0.00 -22.74 | 20.68 0.00 -17.59 | 18.12 -0.01 -14.61 | 14.74 -0.05 -10.75 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 11.63 -0.17 -6.24 | 11.62 -0.14 -6.41 | 10.08 -0.13 -5.21 | 9.93 -0.12 -5.06 | 10.30 -0.13 -5.48 | 11.60 -0.11 -6.84 | 18.38 -0.13 -14.77 | 22.08 -0.02 -17.26 | 23.35 -0.07 -19.17 | 24.32 -0.05 -20.57 | 39.00 -0.02 -36.17 | 45.84 -0.04 -43.15 | 55.37 -0.04 -52.78 | 55.47 -0.06 -52.68 | 48.59 -0.07 -45.84 | 48.52 -0.10 -44.89 | 45.89 -0.09 -42.38 | 38.37 -0.07 -36.25 | 26.79 -0.05 -24.45 | 26.28 0.00 -23.80 | 27.00 -0.03 -24.66 | 22.19 0.02 -19.08 | 19.38 0.02 -15.85 | 15.56 -0.15 -11.66 |
| SELKIRK___I 23801 | 21.47 0.32 -15.59 | 18.22 0.31 -12.57 | 17.04 0.29 -11.74 | 15.54 0.29 -10.25 | 16.04 0.29 -10.81 | 16.85 0.28 -11.69 | 21.83 0.19 -17.90 | 26.13 0.22 -21.07 | 27.86 0.20 -23.40 | 29.04 0.17 -25.07 | 28.84 0.13 -25.87 | 29.80 0.12 -26.95 | 30.58 0.12 -27.82 | 28.78 0.13 -25.80 | 28.96 0.14 -26.00 | 29.80 0.18 -25.88 | 31.74 0.17 -27.98 | 33.88 0.11 -31.59 | 32.18 0.11 -29.68 | 31.48 0.11 -28.89 | 32.41 0.10 -29.94 | 26.38 0.13 -23.16 | 22.92 0.17 -19.24 | 18.42 0.23 -14.16 |
| SELKIRK___II 23799 | 21.48 0.32 -15.60 | 18.22 0.30 -12.57 | 17.04 0.29 -11.74 | 15.54 0.29 -10.26 | 16.05 0.29 -10.82 | 16.85 0.28 -11.70 | 21.83 0.19 -17.90 | 26.13 0.21 -21.07 | 27.86 0.20 -23.40 | 29.04 0.17 -25.07 | 28.84 0.13 -25.87 | 29.80 0.12 -26.95 | 30.58 0.12 -27.82 | 28.78 0.13 -25.80 | 28.96 0.14 -26.00 | 29.80 0.18 -25.88 | 31.74 0.17 -27.99 | 33.88 0.11 -31.59 | 32.18 0.11 -29.68 | 31.48 0.11 -28.89 | 32.41 0.10 -29.94 | 26.38 0.13 -23.16 | 22.91 0.16 -19.24 | 18.42 0.23 -14.16 |
| SENECA OSWGO___HYD 24041 | 10.64 -0.07 -5.15 | 10.79 -0.06 -5.51 | 9.32 -0.06 -4.37 | 9.26 -0.06 -4.32 | 9.59 -0.05 -4.70 | 10.81 -0.05 -5.98 | 17.11 -0.02 -13.39 | 20.49 0.00 -15.64 | 21.65 -0.01 -17.40 | 22.48 0.00 -18.67 | 22.20 0.00 -19.35 | 22.89 0.01 -20.16 | 23.45 0.00 -20.81 | 22.15 0.00 -19.30 | 22.77 -0.01 -19.96 | 23.51 -0.02 -19.79 | 24.97 -0.01 -21.40 | 26.52 -0.01 -24.35 | 25.26 -0.01 -22.88 | 24.75 0.00 -22.27 | 25.44 0.00 -23.07 | 20.94 0.00 -17.85 | 18.33 -0.01 -14.83 | 14.90 -0.05 -10.91 |
| SENECA___ENERGY 23797 | 11.52 -0.09 -6.04 | 11.51 -0.09 -6.25 | 9.98 -0.09 -5.06 | 9.84 -0.08 -4.93 | 10.21 -0.07 -5.34 | 11.50 -0.06 -6.69 | 18.25 -0.03 -14.53 | 21.84 0.01 -16.98 | 22.93 -0.07 -18.74 | 23.87 -0.05 -20.11 | 23.65 -0.03 -20.84 | 24.41 -0.03 -21.71 | 25.02 -0.03 -22.42 | 23.59 -0.04 -20.79 | 23.71 -0.05 -20.94 | 24.42 -0.07 -20.75 | 25.97 -0.06 -22.44 | 27.80 -0.01 -25.62 | 26.46 0.00 -24.07 | 25.93 0.02 -23.43 | 26.66 0.01 -24.28 | 21.90 0.02 -18.78 | 19.13 0.01 -15.61 | 15.47 -0.05 -11.48 |
| SHOEMAKER___GT 23640 | 19.78 0.49 -13.72 | 17.23 0.46 -11.42 | 15.91 0.41 -10.49 | 14.72 0.41 -9.31 | 15.21 0.42 -9.86 | 16.13 0.41 -10.85 | 21.87 0.33 -17.80 | 26.06 0.43 -20.79 | 27.79 0.39 -23.15 | 28.98 0.35 -24.83 | 28.84 0.26 -25.74 | 29.79 0.25 -26.81 | 30.56 0.25 -27.68 | 28.79 0.27 -25.67 | 28.97 0.28 -25.86 | 29.74 0.36 -25.64 | 31.66 0.35 -27.72 | 33.82 0.21 -31.42 | 32.13 0.22 -29.52 | 31.44 0.22 -28.74 | 32.35 0.21 -29.78 | 26.40 0.28 -23.03 | 22.97 0.32 -19.14 | 18.51 0.38 -14.08 |
| SHOREHAM_IC_1 23715 | 20.46 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.63 0.61 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.11 0.52 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.09 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.44 -25.45 | 23.22 0.56 -18.62 |
| SHOREHAM_IC_2 23716 | 20.46 0.77 -14.12 | 18.07 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.64 -9.52 | 15.63 0.61 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.11 0.52 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.09 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.44 -25.45 | 23.22 0.56 -18.62 |
| SISSONVILLE___ 23735 | 5.20 -0.37 0.00 | 5.67 -0.38 -0.70 | 6.36 -0.36 -1.71 | 6.38 -0.36 -1.75 | 6.50 -0.36 -1.92 | 6.68 -0.36 -2.16 | 9.20 -0.26 -5.72 | 6.88 -0.35 -2.39 | 9.08 -0.32 -5.14 | 10.08 -0.29 -6.56 | 12.03 -0.22 -9.40 | 12.33 -0.20 -9.80 | 12.57 -0.18 -10.11 | 12.02 -0.21 -9.38 | 12.07 -0.21 -9.46 | 10.24 -0.28 -6.79 | 10.68 -0.27 -7.36 | 12.67 -0.16 -10.64 | 12.23 -0.16 -10.00 | 12.04 -0.17 -9.73 | 12.30 -0.15 -10.08 | 10.68 -0.21 -7.80 | 9.73 -0.26 -6.48 | 8.52 -0.29 -4.77 |
| SITHE_IND_GS1 24169 | 10.57 -0.12 -5.12 | 10.78 -0.11 -5.54 | 9.28 -0.11 -4.37 | 9.23 -0.11 -4.34 | 9.56 -0.10 -4.72 | 10.82 -0.10 -6.04 | 17.31 -0.07 -13.63 | 20.70 -0.07 -15.93 | 21.89 -0.07 -17.70 | 22.74 -0.05 -18.99 | 22.49 -0.04 -19.69 | 23.20 -0.04 -20.51 | 23.77 -0.04 -21.17 | 22.44 -0.04 -19.63 | 22.56 -0.05 -19.78 | 23.29 -0.06 -19.61 | 24.74 -0.06 -21.21 | 26.21 -0.04 -24.06 | 24.96 -0.04 -22.60 | 24.46 -0.03 -22.01 | 25.13 -0.03 -22.80 | 20.69 -0.04 -17.64 | 18.12 -0.05 -14.65 | 14.74 -0.09 -10.78 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| SITHE_IND_GS2 24170 | 10.57 -0.12 -5.12 | 10.78 -0.11 -5.54 | 9.28 -0.11 -4.37 | 9.23 -0.11 -4.34 | 9.56 -0.10 -4.72 | 10.82 -0.10 -6.04 | 17.31 -0.07 -13.63 | 20.70 -0.07 -15.93 | 21.89 -0.07 -17.70 | 22.74 -0.05 -18.99 | 22.49 -0.04 -19.69 | 23.20 -0.04 -20.51 | 23.77 -0.04 -21.17 | 22.44 -0.04 -19.63 | 22.56 -0.05 -19.78 | 23.29 -0.06 -19.61 | 24.74 -0.06 -21.21 | 26.21 -0.04 -24.06 | 24.96 -0.04 -22.60 | 24.46 -0.03 -22.01 | 25.13 -0.03 -22.80 | 20.69 -0.04 -17.64 | 18.12 -0.05 -14.65 | 14.74 -0.09 -10.78 |
| SITHE_IND_GS3 24171 | 10.57 -0.12 -5.12 | 10.78 -0.11 -5.54 | 9.28 -0.11 -4.37 | 9.23 -0.11 -4.34 | 9.56 -0.10 -4.72 | 10.82 -0.10 -6.04 | 17.31 -0.07 -13.63 | 20.70 -0.07 -15.93 | 21.89 -0.07 -17.70 | 22.74 -0.05 -18.99 | 22.49 -0.04 -19.69 | 23.20 -0.04 -20.51 | 23.77 -0.04 -21.17 | 22.44 -0.04 -19.63 | 22.56 -0.05 -19.78 | 23.29 -0.06 -19.61 | 24.74 -0.06 -21.21 | 26.21 -0.04 -24.06 | 24.96 -0.04 -22.60 | 24.46 -0.03 -22.01 | 25.13 -0.03 -22.80 | 20.69 -0.04 -17.64 | 18.12 -0.05 -14.65 | 14.74 -0.09 -10.78 |
| SITHE_IND_GS4 24172 | 10.57 -0.12 -5.12 | 10.78 -0.11 -5.54 | 9.28 -0.11 -4.37 | 9.23 -0.11 -4.34 | 9.56 -0.10 -4.72 | 10.82 -0.10 -6.04 | 17.31 -0.07 -13.63 | 20.70 -0.07 -15.93 | 21.89 -0.07 -17.70 | 22.74 -0.05 -18.99 | 22.49 -0.04 -19.69 | 23.20 -0.04 -20.51 | 23.77 -0.04 -21.17 | 22.44 -0.04 -19.63 | 22.56 -0.05 -19.78 | 23.29 -0.06 -19.61 | 24.74 -0.06 -21.21 | 26.21 -0.04 -24.06 | 24.96 -0.04 -22.60 | 24.46 -0.03 -22.01 | 25.13 -0.03 -22.80 | 20.69 -0.04 -17.64 | 18.12 -0.05 -14.65 | 14.74 -0.09 -10.78 |
| SITHE___BATAVIA 24024 | 11.54 -0.12 -6.10 | 11.56 -0.10 -6.31 | 10.01 -0.10 -5.10 | 9.88 -0.08 -4.97 | 10.25 -0.08 -5.39 | 11.56 -0.06 -6.75 | 18.35 -0.07 -14.68 | 22.04 0.05 -17.15 | 23.28 -0.01 -19.04 | 24.24 0.01 -20.43 | 26.74 0.02 -23.88 | 28.61 0.01 -25.88 | 30.86 0.00 -28.22 | 29.69 -0.01 -26.85 | 28.52 -0.03 -25.73 | 29.10 -0.04 -25.40 | 29.89 -0.04 -26.35 | 29.88 -0.04 -27.73 | 26.68 -0.01 -24.30 | 26.17 0.04 -23.66 | 26.89 0.01 -24.51 | 22.11 0.06 -18.96 | 19.32 0.05 -15.75 | 15.54 -0.10 -11.59 |
| SITHE___INDEPEND 23800 | 10.57 -0.12 -5.12 | 10.78 -0.11 -5.54 | 9.28 -0.11 -4.37 | 9.23 -0.11 -4.34 | 9.56 -0.10 -4.72 | 10.82 -0.10 -6.04 | 17.31 -0.07 -13.63 | 20.70 -0.07 -15.93 | 21.89 -0.07 -17.70 | 22.74 -0.05 -18.99 | 22.49 -0.04 -19.69 | 23.20 -0.04 -20.51 | 23.77 -0.04 -21.17 | 22.44 -0.04 -19.63 | 22.56 -0.05 -19.78 | 23.29 -0.06 -19.61 | 24.74 -0.06 -21.21 | 26.21 -0.04 -24.06 | 24.96 -0.04 -22.60 | 24.46 -0.03 -22.01 | 25.13 -0.03 -22.80 | 20.69 -0.04 -17.64 | 18.12 -0.05 -14.65 | 14.74 -0.09 -10.78 |
| SITHE___MASSENA 23902 | 4.23 -0.23 1.10 | 4.68 -0.24 0.43 | 5.90 -0.22 -1.10 | 5.90 -0.22 -1.13 | 5.96 -0.22 -1.24 | 5.84 -0.22 -1.19 | 7.10 -0.17 -3.53 | 3.50 -0.24 1.10 | 4.67 -0.20 -0.61 | 5.63 -0.18 -2.00 | 8.15 -0.13 -5.44 | 8.27 -0.12 -5.67 | 8.37 -0.12 -5.85 | 8.14 -0.13 -5.43 | 8.16 -0.13 -5.47 | 5.65 -0.17 -2.08 | 5.70 -0.16 -2.28 | 8.96 -0.10 -6.87 | 8.74 -0.11 -6.45 | 8.65 -0.12 -6.28 | 8.77 -0.10 -6.51 | 7.98 -0.15 -5.04 | 7.52 -0.17 -4.18 | 6.94 -0.18 -3.08 |
| SITHE___OGDNSBRG 24021 | 4.82 -0.28 0.47 | 5.27 -0.29 -0.22 | 6.19 -0.27 -1.45 | 6.21 -0.27 -1.48 | 6.29 -0.28 -1.63 | 6.35 -0.27 -1.75 | 8.33 -0.20 -4.79 | 5.47 -0.28 -0.91 | 7.23 -0.24 -3.22 | 8.21 -0.22 -4.62 | 10.39 -0.16 -7.72 | 10.62 -0.15 -8.04 | 10.80 -0.14 -8.30 | 10.39 -0.15 -7.70 | 10.42 -0.16 -7.76 | 8.31 -0.21 -4.79 | 8.59 -0.20 -5.20 | 11.11 -0.12 -9.04 | 10.76 -0.12 -8.49 | 10.61 -0.13 -8.26 | 10.82 -0.11 -8.56 | 9.55 -0.16 -6.62 | 8.81 -0.21 -5.50 | 7.87 -0.22 -4.05 |
| SITHE___STERLING 23777 | 11.42 0.17 -5.69 | 11.78 0.13 -6.30 | 10.04 0.13 -4.91 | 10.04 0.11 -4.93 | 10.44 0.12 -5.37 | 11.96 0.14 -6.95 | 19.89 0.13 -16.01 | 23.75 0.20 -18.71 | 25.28 0.18 -20.84 | 26.34 0.18 -22.36 | 26.14 0.13 -23.17 | 27.00 0.13 -24.14 | 27.69 0.13 -24.92 | 26.09 0.13 -23.11 | 26.22 0.12 -23.28 | 26.97 0.15 -23.08 | 28.70 0.16 -24.95 | 30.48 0.08 -28.21 | 29.00 0.10 -26.50 | 28.41 0.13 -25.80 | 29.22 0.12 -26.73 | 23.92 0.15 -20.68 | 20.83 0.14 -17.18 | 16.79 0.11 -12.64 |
| SOUTH CAIRO___GT 23612 | 20.63 0.46 -14.61 | 17.74 0.43 -11.96 | 16.52 0.40 -11.11 | 15.16 0.39 -9.77 | 15.67 0.40 -10.33 | 16.54 0.39 -11.27 | 21.88 0.30 -17.84 | 26.07 0.37 -20.85 | 27.82 0.35 -23.21 | 29.01 0.30 -24.91 | 28.88 0.22 -25.82 | 29.83 0.21 -26.89 | 30.60 0.21 -27.76 | 28.82 0.23 -25.75 | 29.01 0.24 -25.94 | 29.76 0.31 -25.72 | 31.69 0.30 -27.81 | 33.89 0.19 -31.52 | 32.19 0.19 -29.61 | 31.49 0.18 -28.83 | 32.42 0.18 -29.87 | 26.43 0.23 -23.10 | 22.97 0.26 -19.20 | 18.50 0.34 -14.13 |
| SOUTH HAMPTN___IC 23720 | 20.64 0.96 -14.12 | 18.25 0.90 -12.00 | 16.62 0.81 -10.80 | 15.32 0.81 -9.52 | 15.79 0.78 -10.07 | 16.72 0.76 -11.08 | 22.16 0.60 -17.82 | 28.57 0.77 -22.95 | 31.29 0.71 -26.33 | 36.36 0.63 -31.92 | 35.16 0.47 -31.85 | 36.09 0.46 -32.90 | 35.48 0.45 -32.39 | 33.66 0.48 -30.33 | 33.48 0.48 -30.17 | 35.36 0.64 -30.99 | 39.10 0.60 -34.91 | 39.19 0.37 -36.63 | 37.51 0.42 -34.70 | 33.80 0.41 -30.91 | 39.11 0.40 -36.34 | 34.90 0.52 -31.29 | 29.55 0.59 -25.46 | 23.37 0.70 -18.63 |
| SOUTHOLD___IC 23719 | 20.75 1.06 -14.12 | 18.35 1.00 -12.00 | 16.71 0.91 -10.80 | 15.42 0.90 -9.52 | 15.89 0.87 -10.07 | 16.82 0.86 -11.08 | 22.24 0.67 -17.82 | 28.68 0.89 -22.95 | 31.39 0.80 -26.33 | 36.44 0.72 -31.92 | 35.23 0.54 -31.85 | 36.15 0.52 -32.90 | 35.54 0.52 -32.39 | 33.73 0.54 -30.33 | 33.54 0.55 -30.17 | 35.45 0.72 -30.99 | 39.19 0.69 -34.91 | 39.24 0.43 -36.63 | 37.57 0.48 -34.70 | 33.87 0.48 -30.91 | 39.17 0.46 -36.34 | 34.98 0.59 -31.29 | 29.63 0.67 -25.46 | 23.45 0.78 -18.63 |
| ST LAWRENCE___ 23600 | 4.00 -0.24 1.32 | 4.46 -0.23 0.66 | 5.78 -0.22 -0.98 | 5.79 -0.21 -1.01 | 5.83 -0.21 -1.10 | 5.65 -0.22 -0.99 | 6.66 -0.17 -3.09 | 2.81 -0.23 1.80 | 4.05 -0.19 0.02 | 5.00 -0.17 -1.37 | 7.60 -0.13 -4.89 | 7.70 -0.12 -5.10 | 7.78 -0.12 -5.26 | 7.60 -0.13 -4.88 | 7.61 -0.13 -4.92 | 5.00 -0.17 -1.43 | 5.00 -0.16 -1.57 | 8.20 -0.10 -6.12 | 8.03 -0.11 -5.75 | 7.96 -0.12 -5.59 | 8.05 -0.11 -5.80 | 7.43 -0.15 -4.48 | 7.07 -0.17 -3.73 | 6.61 -0.17 -2.74 |
| STATION 5_MISC_HYD 23604 | 11.38 -0.12 -5.94 | 11.43 -0.11 -6.19 | 9.89 -0.11 -4.99 | 9.77 -0.11 -4.88 | 10.14 -0.10 -5.29 | 11.45 -0.07 -6.66 | 18.27 -0.06 -14.58 | 21.89 0.01 -17.03 | 23.13 -0.03 -18.90 | 24.07 -0.01 -20.28 | 23.86 0.00 -21.02 | 24.62 0.00 -21.90 | 25.23 -0.01 -22.60 | 23.79 -0.02 -20.96 | 23.91 -0.03 -21.11 | 24.63 -0.04 -20.93 | 26.18 -0.04 -22.63 | 27.85 -0.03 -25.70 | 26.52 -0.02 -24.14 | 26.01 0.02 -23.50 | 26.72 0.00 -24.35 | 21.96 0.03 -18.84 | 19.18 0.02 -15.65 | 15.47 -0.09 -11.52 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 11.43 -0.07 -5.93 | 11.46 -0.06 -6.18 | 9.93 -0.06 -4.98 | 9.81 -0.05 -4.87 | 10.17 -0.05 -5.28 | 11.48 -0.03 -6.64 | 18.27 0.00 -14.53 | 21.89 0.06 -16.98 | 23.03 0.00 -18.78 | 23.96 0.01 -20.15 | 23.74 0.01 -20.89 | 24.50 0.01 -21.76 | 25.11 0.01 -22.46 | 23.68 0.00 -20.83 | 23.79 -0.01 -20.98 | 24.52 -0.01 -20.80 | 26.06 -0.01 -22.49 | 27.81 0.00 -25.62 | 26.48 0.02 -24.07 | 25.96 0.05 -23.43 | 26.68 0.04 -24.28 | 21.93 0.06 -18.78 | 19.16 0.05 -15.61 | 15.49 -0.04 -11.48 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 11.33 -0.16 -5.93 | 11.38 -0.15 -6.19 | 9.85 -0.14 -4.98 | 9.73 -0.13 -4.87 | 10.09 -0.13 -5.29 | 11.41 -0.11 -6.65 | 18.24 -0.08 -14.57 | 21.85 -0.02 -17.02 | 23.08 -0.06 -18.88 | 24.02 -0.03 -20.26 | 23.82 -0.02 -21.00 | 24.58 -0.02 -21.87 | 25.20 -0.02 -22.58 | 23.75 -0.03 -20.94 | 23.87 -0.05 -21.09 | 24.58 -0.06 -20.91 | 26.14 -0.06 -22.61 | 27.83 -0.04 -25.68 | 26.49 -0.03 -24.13 | 25.98 0.00 -23.49 | 26.69 -0.01 -24.34 | 21.93 0.01 -18.83 | 19.14 -0.01 -15.65 | 15.44 -0.11 -11.51 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|
| STEEL___WIND 323596 | 11.78 -0.09 -6.31 | 11.74 -0.06 -6.46 | 10.20 -0.06 -5.26 | 10.05 -0.05 -5.10 | 10.41 -0.05 -5.52 | 11.71 -0.04 -6.88 | 18.48 -0.07 -14.81 | 22.23 0.08 -17.30 | 23.50 0.02 -19.23 | 24.47 0.04 -20.63 | 33.34 0.05 -30.46 | 37.82 0.02 -35.07 | 43.89 0.02 -41.23 | 43.37 0.01 -40.52 | 39.22 -0.01 -36.40 | 39.47 -0.01 -35.75 | 38.48 0.00 -34.89 | 34.50 -0.02 -32.33 | 26.91 0.00 -24.51 | 26.40 0.06 -23.87 | 27.12 0.03 -24.73 | 22.31 0.09 -19.13 | 19.49 0.09 -15.89 | 15.66 -0.08 -11.69 |
| STEUBEN_REC_LFGE 323667 | 12.85 0.23 -7.06 | 12.54 0.21 -6.99 | 10.99 0.19 -5.79 | 10.72 0.18 -5.54 | 11.11 0.19 -5.98 | 12.41 0.21 -7.32 | 19.19 0.19 -15.26 | 23.01 0.34 -17.83 | 24.61 0.34 -20.02 | 25.61 0.33 -21.47 | 26.86 0.26 -23.76 | 28.27 0.24 -25.31 | 29.82 0.22 -26.96 | 28.46 0.22 -25.38 | 27.88 0.21 -24.84 | 28.59 0.28 -24.57 | 29.82 0.30 -25.94 | 30.14 0.14 -27.81 | 27.83 0.17 -25.27 | 27.30 0.22 -24.61 | 28.06 0.20 -25.49 | 23.09 0.28 -19.72 | 20.18 0.28 -16.39 | 16.29 0.20 -12.06 |
| STONY___BROOK 24151 | 20.48 0.80 -14.12 | 18.09 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.66 0.65 -10.07 | 16.61 0.65 -11.08 | 22.08 0.52 -17.82 | 28.45 0.66 -22.95 | 31.19 0.60 -26.33 | 36.25 0.52 -31.92 | 35.07 0.39 -31.85 | 36.00 0.38 -32.90 | 35.40 0.37 -32.39 | 33.58 0.40 -30.33 | 33.40 0.41 -30.17 | 35.26 0.53 -30.99 | 38.99 0.49 -34.91 | 39.12 0.30 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.81 0.43 -31.29 | 29.46 0.50 -25.45 | 23.27 0.61 -18.62 |
| STURGEON_POOL_HYD 23609 | 20.31 0.49 -14.25 | 17.56 0.47 -11.74 | 16.29 0.42 -10.86 | 15.00 0.42 -9.59 | 15.50 0.42 -10.14 | 16.40 0.41 -11.12 | 21.90 0.33 -17.83 | 26.09 0.42 -20.83 | 27.85 0.40 -23.19 | 29.03 0.35 -24.88 | 28.89 0.26 -25.79 | 29.85 0.25 -26.87 | 30.62 0.25 -27.74 | 28.84 0.27 -25.72 | 29.03 0.29 -25.92 | 29.80 0.37 -25.69 | 31.72 0.36 -27.78 | 33.89 0.22 -31.49 | 32.20 0.23 -29.58 | 31.50 0.22 -28.80 | 32.42 0.21 -29.84 | 26.45 0.28 -23.08 | 23.01 0.32 -19.18 | 18.54 0.39 -14.11 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 19.89 0.52 -13.81 | 17.31 0.49 -11.48 | 15.98 0.42 -10.55 | 14.79 0.43 -9.36 | 15.28 0.43 -9.90 | 16.18 0.43 -10.88 | 21.89 0.34 -17.80 | 26.08 0.45 -20.79 | 27.82 0.41 -23.15 | 29.01 0.37 -24.84 | 28.86 0.27 -25.75 | 29.81 0.26 -26.82 | 30.58 0.26 -27.69 | 28.81 0.28 -25.68 | 28.99 0.29 -25.87 | 29.77 0.39 -25.65 | 31.69 0.37 -27.73 | 33.84 0.23 -31.43 | 32.16 0.24 -29.53 | 31.46 0.23 -28.75 | 32.37 0.22 -29.79 | 26.42 0.29 -23.04 | 23.00 0.34 -19.14 | 18.53 0.41 -14.09 |
| SYNERGY___BIOGAS 323694 | 11.54 -0.12 -6.10 | 11.56 -0.10 -6.31 | 10.01 -0.10 -5.10 | 9.88 -0.08 -4.97 | 10.25 -0.08 -5.39 | 11.56 -0.06 -6.75 | 18.35 -0.07 -14.68 | 22.04 0.05 -17.15 | 23.28 -0.01 -19.04 | 24.24 0.01 -20.43 | 26.74 0.02 -23.88 | 28.61 0.01 -25.88 | 30.86 0.00 -28.22 | 29.69 -0.01 -26.85 | 28.52 -0.03 -25.73 | 29.10 -0.04 -25.40 | 29.89 -0.04 -26.35 | 29.88 -0.04 -27.73 | 26.68 -0.01 -24.30 | 26.17 0.04 -23.66 | 26.89 0.01 -24.51 | 22.11 0.06 -18.96 | 19.32 0.05 -15.75 | 15.54 -0.10 -11.59 |
| SYRACUSE___ENERGY_ST1 323597 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| SYRACUSE___ENERGY_ST2 323598 | 11.23 0.00 -5.66 | 11.31 0.00 -5.97 | 9.78 -0.01 -4.78 | 9.69 0.00 -4.69 | 10.04 0.00 -5.10 | 11.32 0.01 -6.44 | 18.00 0.02 -14.24 | 21.53 0.06 -16.63 | 22.78 0.04 -18.48 | 23.68 0.05 -19.83 | 23.43 0.04 -20.55 | 24.17 0.04 -21.41 | 24.77 0.03 -22.10 | 23.37 0.03 -20.49 | 23.49 0.03 -20.64 | 24.23 0.03 -20.46 | 25.75 0.04 -22.12 | 27.31 0.02 -25.10 | 26.00 0.02 -23.58 | 25.48 0.04 -22.96 | 26.19 0.04 -23.79 | 21.54 0.05 -18.40 | 18.84 0.05 -15.29 | 15.29 0.00 -11.25 |
| SYRACUSE___POWER 24017 | 11.35 0.02 -5.77 | 11.43 0.02 -6.07 | 9.89 0.02 -4.86 | 9.79 0.02 -4.78 | 10.14 0.01 -5.19 | 11.44 0.02 -6.55 | 18.23 0.03 -14.46 | 21.81 0.08 -16.89 | 23.10 0.07 -18.78 | 24.02 0.07 -20.15 | 23.78 0.06 -20.88 | 24.54 0.05 -21.76 | 25.15 0.05 -22.46 | 23.73 0.05 -20.83 | 23.83 0.05 -20.96 | 24.58 0.06 -20.78 | 26.12 0.06 -22.47 | 27.65 0.03 -25.43 | 26.32 0.04 -23.90 | 25.80 0.05 -23.26 | 26.51 0.04 -24.11 | 21.80 0.06 -18.65 | 19.06 0.06 -15.49 | 15.46 0.02 -11.40 |
| TRIGEN___CC 323695 | 20.33 0.65 -14.12 | 17.92 0.62 -11.96 | 16.35 0.55 -10.80 | 15.06 0.54 -9.52 | 15.55 0.54 -10.07 | 16.50 0.55 -11.08 | 22.01 0.45 -17.82 | 28.06 0.56 -22.66 | 30.70 0.51 -25.94 | 36.17 0.44 -31.92 | 35.02 0.33 -31.85 | 35.95 0.32 -32.90 | 35.34 0.31 -32.39 | 33.52 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.94 0.44 -34.91 | 39.09 0.27 -36.63 | 37.38 0.29 -34.70 | 33.67 0.28 -30.91 | 38.98 0.27 -36.34 | 34.73 0.35 -31.29 | 28.53 0.42 -24.60 | 22.63 0.52 -18.07 |
| UNION___PROCESSING_DRP 323587 | 11.37 -0.13 -5.94 | 11.42 -0.12 -6.20 | 9.88 -0.11 -4.99 | 9.77 -0.11 -4.88 | 10.13 -0.11 -5.30 | 11.45 -0.08 -6.66 | 18.26 -0.07 -14.58 | 21.88 0.00 -17.03 | 23.12 -0.04 -18.90 | 24.06 -0.02 -20.28 | 23.86 -0.01 -21.02 | 24.62 -0.01 -21.90 | 25.23 -0.01 -22.61 | 23.79 -0.03 -20.96 | 23.90 -0.04 -21.12 | 24.62 -0.05 -20.93 | 26.18 -0.04 -22.64 | 27.85 -0.04 -25.70 | 26.51 -0.02 -24.14 | 26.00 0.01 -23.51 | 26.72 0.00 -24.36 | 21.95 0.02 -18.84 | 19.17 0.01 -15.65 | 15.46 -0.10 -11.52 |
| UPPER HUDSON___HYD 24058 | 22.11 0.45 -16.10 | 18.65 0.42 -12.88 | 17.45 0.38 -12.06 | 15.88 0.38 -10.50 | 16.39 0.38 -11.07 | 17.19 0.41 -11.90 | 21.97 0.32 -17.90 | 26.40 0.42 -21.14 | 28.07 0.36 -23.45 | 29.22 0.32 -25.10 | 28.94 0.24 -25.86 | 29.87 0.21 -26.94 | 30.64 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.22 -25.98 | 29.95 0.30 -25.91 | 31.89 0.29 -28.02 | 33.95 0.19 -31.57 | 32.25 0.20 -29.66 | 31.55 0.20 -28.88 | 32.48 0.19 -29.92 | 26.47 0.24 -23.15 | 23.03 0.29 -19.23 | 18.57 0.38 -14.15 |
| UPPER RAQUET___HYD 24056 | 5.20 -0.37 0.00 | 5.67 -0.38 -0.70 | 6.36 -0.36 -1.71 | 6.38 -0.36 -1.75 | 6.50 -0.36 -1.92 | 6.68 -0.36 -2.16 | 9.20 -0.26 -5.72 | 6.88 -0.35 -2.39 | 9.08 -0.32 -5.14 | 10.08 -0.29 -6.56 | 12.03 -0.22 -9.40 | 12.33 -0.20 -9.80 | 12.57 -0.18 -10.11 | 12.02 -0.21 -9.38 | 12.07 -0.21 -9.46 | 10.24 -0.28 -6.79 | 10.68 -0.27 -7.36 | 12.67 -0.16 -10.64 | 12.23 -0.16 -10.00 | 12.04 -0.17 -9.73 | 12.30 -0.15 -10.08 | 10.68 -0.21 -7.80 | 9.73 -0.26 -6.48 | 8.52 -0.29 -4.77 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 15.28 0.36 -9.35 | 14.36 0.32 -8.69 | 12.79 0.31 -7.48 | 12.26 0.30 -6.96 | 12.70 0.30 -7.46 | 13.98 0.29 -8.82 | 21.08 0.24 -17.09 | 25.14 0.33 -19.97 | 26.81 0.30 -22.25 | 27.95 0.27 -23.87 | 27.79 0.20 -24.75 | 28.70 0.20 -25.78 | 29.44 0.20 -26.61 | 27.74 0.21 -24.68 | 27.89 0.20 -24.86 | 28.65 0.26 -24.65 | 30.49 0.25 -26.65 | 32.52 0.15 -30.18 | 30.92 0.17 -28.36 | 30.27 0.18 -27.61 | 31.14 0.17 -28.60 | 25.44 0.22 -22.13 | 22.13 0.24 -18.38 | 17.83 0.26 -13.53 |
| VISCHER___FERRY HYD 24020 | 21.89 0.36 -15.97 | 18.49 0.35 -12.80 | 17.30 0.32 -11.98 | 15.75 0.31 -10.44 | 16.26 0.31 -11.00 | 17.05 0.33 -11.85 | 21.89 0.24 -17.90 | 26.26 0.28 -21.13 | 27.94 0.24 -23.45 | 29.10 0.21 -25.10 | 28.86 0.16 -25.86 | 29.81 0.14 -26.94 | 30.58 0.13 -27.81 | 28.79 0.15 -25.79 | 28.96 0.15 -25.99 | 29.85 0.20 -25.91 | 31.80 0.19 -28.02 | 33.89 0.13 -31.58 | 32.19 0.13 -29.67 | 31.49 0.13 -28.88 | 32.42 0.12 -29.93 | 26.40 0.15 -23.15 | 22.95 0.20 -19.24 | 18.50 0.30 -14.15 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.09 0.57 -13.96 | 17.45 0.53 -11.57 | 16.12 0.46 -10.65 | 14.91 0.47 -9.44 | 15.40 0.47 -9.98 | 16.27 0.47 -10.93 | 21.93 0.38 -17.81 | 26.13 0.49 -20.80 | 27.87 0.46 -23.16 | 29.05 0.40 -24.85 | 28.90 0.30 -25.76 | 29.85 0.29 -26.83 | 30.62 0.29 -27.70 | 28.85 0.32 -25.69 | 29.03 0.32 -25.88 | 29.82 0.43 -25.66 | 31.74 0.41 -27.74 | 33.88 0.25 -31.44 | 32.19 0.26 -29.54 | 31.49 0.26 -28.76 | 32.41 0.25 -29.80 | 26.46 0.32 -23.05 | 23.03 0.37 -19.15 | 18.58 0.44 -14.09 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 20.32 0.63 -14.12 | 17.60 0.59 -11.66 | 16.34 0.54 -10.80 | 15.04 0.52 -9.52 | 15.53 0.52 -10.07 | 16.49 0.53 -11.08 | 21.99 0.43 -17.82 | 26.23 0.56 -20.83 | 27.97 0.51 -23.20 | 31.79 0.46 -27.53 | 33.04 0.34 -29.86 | 33.60 0.33 -30.54 | 33.97 0.32 -31.01 | 32.92 0.36 -29.72 | 32.91 0.36 -29.72 | 33.30 0.48 -29.08 | 34.42 0.46 -30.38 | 35.25 0.28 -32.78 | 32.43 0.30 -29.75 | 31.57 0.29 -28.81 | 32.51 0.28 -29.87 | 26.79 0.36 -23.34 | 23.12 0.42 -19.19 | 19.63 0.51 -15.08 |
| WADING RIVER_IC_1 23522 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.63 0.62 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.10 0.51 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.53 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.08 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.43 -25.46 | 23.22 0.56 -18.63 |
| WADING RIVER_IC_2 23547 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.63 0.62 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.10 0.51 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.53 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.08 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.43 -25.46 | 23.22 0.56 -18.63 |
| WADING RIVER_IC_3 23601 | 20.46 0.78 -14.12 | 18.08 0.73 -12.00 | 16.45 0.65 -10.80 | 15.16 0.65 -9.52 | 15.63 0.62 -10.07 | 16.55 0.59 -11.08 | 22.02 0.45 -17.82 | 28.36 0.57 -22.95 | 31.10 0.51 -26.33 | 36.18 0.45 -31.92 | 35.02 0.34 -31.85 | 35.95 0.32 -32.90 | 35.35 0.32 -32.39 | 33.53 0.34 -30.33 | 33.35 0.35 -30.17 | 35.19 0.46 -30.99 | 38.93 0.43 -34.91 | 39.08 0.27 -36.63 | 37.40 0.30 -34.70 | 33.68 0.29 -30.91 | 39.00 0.29 -36.34 | 34.76 0.37 -31.29 | 29.40 0.43 -25.46 | 23.22 0.56 -18.63 |
| WALDEN___HYDRO 24148 | 20.18 0.55 -14.06 | 17.49 0.52 -11.63 | 16.19 0.45 -10.73 | 14.94 0.46 -9.49 | 15.44 0.46 -10.04 | 16.35 0.46 -11.02 | 21.93 0.37 -17.82 | 26.14 0.48 -20.82 | 27.88 0.45 -23.18 | 29.06 0.40 -24.86 | 28.91 0.30 -25.77 | 29.86 0.29 -26.85 | 30.64 0.28 -27.72 | 28.86 0.31 -25.70 | 29.05 0.32 -25.90 | 29.83 0.42 -25.67 | 31.75 0.40 -27.76 | 33.90 0.25 -31.46 | 32.21 0.26 -29.56 | 31.51 0.25 -28.78 | 32.43 0.24 -29.82 | 26.47 0.32 -23.07 | 23.04 0.37 -19.17 | 18.57 0.43 -14.10 |
| WARRENSBURG____ 23737 | 22.11 0.45 -16.10 | 18.65 0.42 -12.88 | 17.45 0.38 -12.06 | 15.88 0.38 -10.50 | 16.39 0.38 -11.07 | 17.19 0.41 -11.90 | 21.97 0.32 -17.90 | 26.40 0.42 -21.14 | 28.07 0.36 -23.45 | 29.22 0.32 -25.10 | 28.94 0.24 -25.86 | 29.87 0.21 -26.94 | 30.64 0.20 -27.81 | 28.86 0.22 -25.79 | 29.03 0.22 -25.98 | 29.95 0.30 -25.91 | 31.89 0.29 -28.02 | 33.95 0.19 -31.57 | 32.25 0.20 -29.66 | 31.55 0.20 -28.88 | 32.48 0.19 -29.92 | 26.47 0.24 -23.15 | 23.03 0.29 -19.23 | 18.57 0.38 -14.15 |
| WATERSIDE___6 8 9 23538 | 20.35 0.66 -14.13 | 17.63 0.62 -11.66 | 16.36 0.56 -10.80 | 15.06 0.54 -9.52 | 15.56 0.54 -10.07 | 16.50 0.55 -11.08 | 22.00 0.43 -17.82 | 26.24 0.57 -20.83 | 27.99 0.52 -23.21 | 34.27 0.46 -30.01 | 36.85 0.34 -33.67 | 37.04 0.33 -33.98 | 37.04 0.32 -34.08 | 36.66 0.36 -33.46 | 36.47 0.36 -33.28 | 36.47 0.48 -32.25 | 36.85 0.46 -32.81 | 36.47 0.28 -34.00 | 32.60 0.30 -29.91 | 31.59 0.29 -28.82 | 32.53 0.28 -29.89 | 27.02 0.36 -23.57 | 23.14 0.43 -19.20 | 20.55 0.51 -16.00 |
| WDELAWARE___HYD 323627 | 19.79 0.55 -13.68 | 17.25 0.51 -11.40 | 15.93 0.45 -10.47 | 14.74 0.45 -9.29 | 15.23 0.45 -9.83 | 16.18 0.45 -10.85 | 21.90 0.37 -17.79 | 26.11 0.48 -20.79 | 27.85 0.45 -23.14 | 29.02 0.39 -24.83 | 28.87 0.29 -25.74 | 29.82 0.29 -26.81 | 30.59 0.28 -27.68 | 28.82 0.31 -25.67 | 29.01 0.32 -25.86 | 29.79 0.41 -25.64 | 31.71 0.40 -27.72 | 33.85 0.24 -31.42 | 32.17 0.26 -29.52 | 31.47 0.25 -28.74 | 32.39 0.25 -29.78 | 26.44 0.32 -23.03 | 23.01 0.36 -19.14 | 18.55 0.42 -14.08 |
| WEST BABYLON___IC 23714 | 20.47 0.79 -14.12 | 18.09 0.75 -12.00 | 16.47 0.67 -10.80 | 15.18 0.66 -9.52 | 15.67 0.66 -10.07 | 16.62 0.66 -11.08 | 22.10 0.54 -17.82 | 28.44 0.69 -22.91 | 31.16 0.62 -26.28 | 36.27 0.55 -31.92 | 35.08 0.39 -31.85 | 36.01 0.38 -32.90 | 35.40 0.37 -32.39 | 33.59 0.40 -30.33 | 33.41 0.41 -30.17 | 35.26 0.54 -30.99 | 39.01 0.51 -34.91 | 39.13 0.32 -36.63 | 37.44 0.35 -34.70 | 33.73 0.34 -30.91 | 39.04 0.33 -36.34 | 34.83 0.44 -31.29 | 29.38 0.52 -25.35 | 23.22 0.62 -18.56 |
| WEST CANADA___HYD 24049 | 11.61 0.07 -5.98 | 12.32 0.06 -6.91 | 10.24 0.06 -5.18 | 10.35 0.06 -5.30 | 10.80 0.05 -5.81 | 12.62 0.05 -7.69 | 22.06 0.04 -18.28 | 26.50 0.05 -21.60 | 28.24 0.05 -23.93 | 29.45 0.04 -25.61 | 29.26 0.03 -26.38 | 30.24 0.03 -27.48 | 31.04 0.03 -28.37 | 29.19 0.03 -26.31 | 29.36 0.03 -26.51 | 30.22 0.04 -26.44 | 32.22 0.04 -28.59 | 34.42 0.02 -32.21 | 32.68 0.03 -30.26 | 31.97 0.03 -29.46 | 32.92 0.03 -30.53 | 26.74 0.04 -23.61 | 23.17 0.04 -19.62 | 18.52 0.04 -14.44 |
| WESTERN_NY_WIND 24143 | 11.54 -0.12 -6.10 | 11.56 -0.10 -6.31 | 10.02 -0.10 -5.11 | 9.89 -0.08 -4.98 | 10.25 -0.09 -5.39 | 11.57 -0.06 -6.75 | 18.35 -0.07 -14.68 | 22.05 0.05 -17.15 | 23.28 -0.02 -19.04 | 24.24 0.00 -20.43 | 26.85 0.01 -24.00 | 28.77 0.00 -26.04 | 31.08 0.00 -28.44 | 29.92 -0.01 -27.09 | 28.70 -0.03 -25.91 | 29.27 -0.05 -25.58 | 30.04 -0.04 -26.49 | 29.96 -0.04 -27.81 | 26.68 -0.02 -24.31 | 26.18 0.03 -23.66 | 26.89 0.01 -24.52 | 22.11 0.05 -18.97 | 19.32 0.05 -15.76 | 15.54 -0.10 -11.60 |
| WESTOVER___LESR 323668 | 13.77 0.16 -8.05 | 13.18 0.15 -7.69 | 11.66 0.14 -6.51 | 11.27 0.14 -6.13 | 11.68 0.14 -6.59 | 12.94 0.15 -7.92 | 19.74 0.12 -15.88 | 23.59 0.20 -18.55 | 25.15 0.17 -20.72 | 26.20 0.16 -22.23 | 26.50 0.12 -23.54 | 27.54 0.12 -24.70 | 28.52 0.11 -25.77 | 26.99 0.12 -24.02 | 26.90 0.11 -23.96 | 27.62 0.15 -23.74 | 29.20 0.15 -25.46 | 30.66 0.08 -28.39 | 28.85 0.09 -26.37 | 28.26 0.11 -25.67 | 29.06 0.10 -26.60 | 23.81 0.14 -20.57 | 20.76 0.15 -17.10 | 16.74 0.13 -12.58 |
| WETHRSFD_WT_PWR 323626 | 11.69 -0.14 -6.26 | 11.66 -0.11 -6.42 | 10.12 -0.11 -5.22 | 9.97 -0.10 -5.07 | 10.33 -0.11 -5.49 | 11.62 -0.10 -6.85 | 18.41 -0.12 -14.78 | 22.13 0.02 -17.27 | 23.40 -0.04 -19.18 | 24.37 -0.01 -20.58 | 31.93 0.01 -29.08 | 35.86 -0.01 -33.15 | 41.13 -0.02 -38.52 | 40.48 -0.03 -37.66 | 36.94 -0.05 -34.17 | 37.25 -0.07 -33.59 | 36.64 -0.06 -33.11 | 33.51 -0.05 -31.37 | 26.83 -0.03 -24.47 | 26.32 0.02 -23.82 | 27.04 0.00 -24.68 | 22.23 0.05 -19.09 | 19.42 0.05 -15.86 | 15.59 -0.12 -11.67 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.07 0.54 -13.96 | 17.42 0.51 -11.57 | 16.10 0.44 -10.65 | 14.88 0.45 -9.44 | 15.38 0.45 -9.99 | 16.25 0.44 -10.93 | 21.92 0.36 -17.81 | 26.11 0.46 -20.80 | 27.85 0.43 -23.16 | 29.03 0.38 -24.85 | 28.88 0.28 -25.76 | 29.84 0.28 -26.83 | 30.61 0.27 -27.70 | 28.83 0.30 -25.69 | 29.01 0.31 -25.88 | 29.80 0.40 -25.66 | 31.72 0.39 -27.74 | 33.86 0.24 -31.44 | 32.18 0.25 -29.54 | 31.48 0.24 -28.76 | 32.39 0.23 -29.80 | 26.44 0.30 -23.05 | 23.02 0.35 -19.15 | 18.56 0.42 -14.09 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| YORK____WARBASSE | 20.37 | 17.64 | 16.37 | 15.08 | 15.58 | 16.52 | 22.02 | 26.26 | 28.00 | 34.29 | 36.86 | 37.05 | 37.05 | 36.67 | 36.48 | 36.48 | 36.87 | 36.48 | 32.61 | 31.60 | 32.55 | 27.03 | 23.15 | 20.56 |
| 23770 | 0.68 | 0.64 | 0.57 | 0.56 | 0.56 | 0.56 | 0.45 | 0.59 | 0.54 | 0.47 | 0.35 | 0.34 | 0.33 | 0.37 | 0.37 | 0.49 | 0.47 | 0.29 | 0.31 | 0.31 | 0.30 | 0.36 | 0.44 | 0.52 |
| | -14.13 | -11.66 | -10.80 | -9.52 | -10.07 | -11.08 | -17.82 | -20.83 | -23.21 | -30.01 | -33.67 | -33.98 | -34.08 | -33.46 | -33.28 | -32.25 | -32.81 | -34.00 | -29.91 | -28.82 | -29.89 | -23.57 | -19.20 | -16.00 |