

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/20/2017

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 30.06 | 26.75 | 24.24 | 20.88 | 19.56 | 19.59 | 18.00 | 20.72 | 26.91 | 31.16 | 31.75 | 31.42 | 30.75 | 30.29 | 29.18 | 29.53 | 30.67 | 31.70 | 31.86 | 32.47 | 35.22 | 28.84 | 27.54 | 25.59 |
| 24138 | 0.72 | 0.81 | 0.80 | 0.73 | 0.68 | 0.72 | 1.25 | 1.50 | 2.13 | 2.48 | 2.42 | 2.45 | 2.17 | 2.03 | 1.98 | 2.01 | 2.00 | 2.12 | 1.99 | 2.15 | 2.63 | 2.48 | 2.04 | 1.51 |
| | -23.11 | -19.06 | -16.60 | -13.94 | -12.95 | -12.49 | -6.13 | -6.64 | -7.70 | -9.17 | -10.27 | -9.81 | -11.59 | -12.42 | -11.50 | -11.71 | -12.89 | -13.03 | -14.05 | -13.23 | -11.88 | -6.84 | -9.61 | -11.82 |
| 74TH STREET_GT_1 | 32.92 | 29.09 | 26.39 | 20.91 | 19.58 | 19.62 | 18.03 | 21.32 | 31.90 | 34.13 | 35.69 | 35.30 | 35.36 | 36.07 | 35.54 | 34.75 | 35.48 | 34.91 | 34.80 | 34.55 | 37.35 | 32.09 | 30.69 | 28.02 |
| 24260 | 0.74 | 0.81 | 0.81 | 0.74 | 0.69 | 0.74 | 1.27 | 1.51 | 2.17 | 2.52 | 2.46 | 2.49 | 2.21 | 2.04 | 2.01 | 2.02 | 2.04 | 2.14 | 2.01 | 2.19 | 2.67 | 2.52 | 2.07 | 1.53 |
| | -25.95 | -21.40 | -18.75 | -13.95 | -12.95 | -12.50 | -6.14 | -7.23 | -12.65 | -12.10 | -14.17 | -13.66 | -16.16 | -18.18 | -17.82 | -16.91 | -17.67 | -16.21 | -16.97 | -15.28 | -13.97 | -10.05 | -12.73 | -14.22 |
| 74TH STREET_GT_2 | 32.92 | 29.09 | 26.39 | 20.91 | 19.58 | 19.62 | 18.03 | 21.32 | 31.90 | 34.13 | 35.69 | 35.30 | 35.36 | 36.07 | 35.54 | 34.75 | 35.48 | 34.91 | 34.80 | 34.55 | 37.35 | 32.09 | 30.69 | 28.02 |
| 24261 | 0.74 | 0.81 | 0.81 | 0.74 | 0.69 | 0.74 | 1.27 | 1.51 | 2.17 | 2.52 | 2.46 | 2.49 | 2.21 | 2.04 | 2.01 | 2.02 | 2.04 | 2.14 | 2.01 | 2.19 | 2.67 | 2.52 | 2.07 | 1.53 |
| | -25.95 | -21.40 | -18.75 | -13.95 | -12.95 | -12.50 | -6.14 | -7.23 | -12.65 | -12.10 | -14.17 | -13.66 | -16.16 | -18.18 | -17.82 | -16.91 | -17.67 | -16.21 | -16.97 | -15.28 | -13.97 | -10.05 | -12.73 | -14.22 |
| ADK HUDSON___FALLS | 34.01 | 29.93 | 26.78 | 25.57 | 23.94 | 23.78 | 19.78 | 21.79 | 21.92 | 29.51 | 29.10 | 28.49 | 27.50 | 25.63 | 23.41 | 25.42 | 27.56 | 30.93 | 32.05 | 33.56 | 35.61 | 25.86 | 21.31 | 25.88 |
| 24011 | 0.43 | 0.47 | 0.45 | 0.40 | 0.39 | 0.41 | 0.84 | 1.02 | 1.52 | 1.78 | 1.73 | 1.57 | 1.38 | 1.25 | 1.23 | 1.22 | 1.20 | 1.31 | 1.41 | 1.50 | 1.80 | 1.68 | 1.30 | 0.91 |
| | -27.35 | -22.58 | -19.50 | -18.96 | -17.62 | -17.00 | -8.33 | -8.19 | -3.32 | -8.22 | -8.30 | -7.76 | -9.13 | -8.53 | -6.48 | -8.39 | -10.58 | -13.07 | -14.82 | -14.98 | -13.10 | -4.66 | -4.11 | -12.70 |
| ADK RESOURCE___RCVRY | 33.76 | 29.72 | 26.60 | 25.40 | 23.79 | 23.64 | 19.77 | 21.79 | 22.01 | 29.54 | 29.14 | 28.54 | 27.52 | 25.65 | 23.45 | 25.44 | 27.56 | 30.93 | 32.01 | 33.52 | 35.64 | 25.95 | 21.41 | 25.81 |
| 23798 | 0.45 | 0.48 | 0.47 | 0.41 | 0.41 | 0.44 | 0.91 | 1.11 | 1.64 | 1.89 | 1.87 | 1.70 | 1.50 | 1.36 | 1.33 | 1.33 | 1.31 | 1.44 | 1.52 | 1.62 | 1.97 | 1.82 | 1.38 | 0.97 |
| | -27.08 | -22.35 | -19.30 | -18.77 | -17.45 | -16.83 | -8.24 | -8.10 | -3.29 | -8.14 | -8.21 | -7.68 | -9.04 | -8.44 | -6.41 | -8.30 | -10.47 | -12.93 | -14.66 | -14.82 | -12.96 | -4.61 | -4.13 | -12.58 |
| ADK S GLENS___FALLS | 34.01 | 29.93 | 26.78 | 25.57 | 23.94 | 23.78 | 19.78 | 21.79 | 21.92 | 29.51 | 29.10 | 28.49 | 27.50 | 25.63 | 23.41 | 25.42 | 27.56 | 30.93 | 32.05 | 33.56 | 35.61 | 25.86 | 21.31 | 25.88 |
| 24028 | 0.43 | 0.47 | 0.45 | 0.40 | 0.39 | 0.41 | 0.84 | 1.02 | 1.52 | 1.78 | 1.73 | 1.57 | 1.38 | 1.25 | 1.23 | 1.22 | 1.20 | 1.31 | 1.41 | 1.50 | 1.80 | 1.68 | 1.30 | 0.91 |
| | -27.35 | -22.58 | -19.50 | -18.96 | -17.62 | -17.00 | -8.33 | -8.19 | -3.32 | -8.22 | -8.30 | -7.76 | -9.13 | -8.53 | -6.48 | -8.39 | -10.58 | -13.07 | -14.82 | -14.98 | -13.10 | -4.66 | -4.11 | -12.70 |
| ADK_NYS___DAM | 33.92 | 29.83 | 26.69 | 25.49 | 23.86 | 23.69 | 19.47 | 21.38 | 21.36 | 28.88 | 28.49 | 28.00 | 27.10 | 25.27 | 23.06 | 25.08 | 27.24 | 30.60 | 31.61 | 33.08 | 35.03 | 25.30 | 20.77 | 25.58 |
| 23527 | 0.34 | 0.37 | 0.36 | 0.32 | 0.31 | 0.32 | 0.53 | 0.62 | 0.96 | 1.11 | 1.09 | 1.05 | 0.93 | 0.86 | 0.85 | 0.84 | 0.84 | 0.91 | 0.90 | 0.96 | 1.16 | 1.09 | 0.89 | 0.61 |
| | -27.35 | -22.57 | -19.49 | -18.95 | -17.62 | -16.99 | -8.32 | -8.18 | -3.32 | -8.26 | -8.34 | -7.80 | -9.18 | -8.57 | -6.51 | -8.43 | -10.63 | -13.13 | -14.89 | -15.05 | -13.16 | -4.69 | -3.98 | -12.70 |
| AIR_PRODUCTS___DRP | 32.78 | 28.91 | 25.90 | 24.73 | 23.15 | 23.01 | 18.98 | 20.83 | 20.93 | 28.20 | 27.81 | 27.39 | 26.45 | 24.69 | 22.57 | 24.50 | 26.57 | 29.79 | 30.71 | 32.17 | 34.14 | 24.77 | 20.33 | 24.83 |
| 24190 | 0.37 | 0.41 | 0.40 | 0.37 | 0.35 | 0.37 | 0.39 | 0.41 | 0.67 | 0.78 | 0.76 | 0.77 | 0.68 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.63 | 0.68 | 0.83 | 0.76 | 0.62 | 0.40 |
| | -26.17 | -21.61 | -18.66 | -18.14 | -16.86 | -16.26 | -7.97 | -7.83 | -3.18 | -7.91 | -7.99 | -7.47 | -8.79 | -8.21 | -6.23 | -8.07 | -10.18 | -12.57 | -14.26 | -14.40 | -12.60 | -4.49 | -3.81 | -12.16 |
| ALBANY___1 | 32.78 | 28.91 | 25.90 | 24.73 | 23.15 | 23.01 | 18.98 | 20.83 | 20.93 | 28.20 | 27.81 | 27.39 | 26.45 | 24.69 | 22.57 | 24.50 | 26.57 | 29.79 | 30.71 | 32.17 | 34.14 | 24.77 | 20.33 | 24.83 |
| 23571 | 0.37 | 0.41 | 0.40 | 0.37 | 0.35 | 0.37 | 0.39 | 0.41 | 0.67 | 0.78 | 0.76 | 0.77 | 0.68 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.63 | 0.68 | 0.83 | 0.76 | 0.62 | 0.40 |
| | -26.17 | -21.61 | -18.66 | -18.14 | -16.86 | -16.26 | -7.97 | -7.83 | -3.18 | -7.91 | -7.99 | -7.47 | -8.79 | -8.21 | -6.23 | -8.07 | -10.18 | -12.57 | -14.26 | -14.40 | -12.60 | -4.49 | -3.81 | -12.16 |
| ALBANY___2 | 32.78 | 28.91 | 25.90 | 24.73 | 23.15 | 23.01 | 18.98 | 20.83 | 20.93 | 28.20 | 27.81 | 27.39 | 26.45 | 24.69 | 22.57 | 24.50 | 26.57 | 29.79 | 30.71 | 32.17 | 34.14 | 24.77 | 20.33 | 24.83 |
| 23572 | 0.37 | 0.41 | 0.40 | 0.37 | 0.35 | 0.37 | 0.39 | 0.41 | 0.67 | 0.78 | 0.76 | 0.77 | 0.68 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.63 | 0.68 | 0.83 | 0.76 | 0.62 | 0.40 |
| | -26.17 | -21.61 | -18.66 | -18.14 | -16.86 | -16.26 | -7.97 | -7.83 | -3.18 | -7.91 | -7.99 | -7.47 | -8.79 | -8.21 | -6.23 | -8.07 | -10.18 | -12.57 | -14.26 | -14.40 | -12.60 | -4.49 | -3.81 | -12.16 |
| ALBANY___3 | 32.78 | 28.91 | 25.90 | 24.73 | 23.15 | 23.01 | 18.98 | 20.83 | 20.93 | 28.20 | 27.81 | 27.39 | 26.45 | 24.69 | 22.57 | 24.50 | 26.57 | 29.79 | 30.71 | 32.17 | 34.14 | 24.77 | 20.33 | 24.83 |
| 23573 | 0.37 | 0.41 | 0.40 | 0.37 | 0.35 | 0.37 | 0.39 | 0.41 | 0.67 | 0.78 | 0.76 | 0.77 | 0.68 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.63 | 0.68 | 0.83 | 0.76 | 0.62 | 0.40 |
| | -26.17 | -21.61 | -18.66 | -18.14 | -16.86 | -16.26 | -7.97 | -7.83 | -3.18 | -7.91 | -7.99 | -7.47 | -8.79 | -8.21 | -6.23 | -8.07 | -10.18 | -12.57 | -14.26 | -14.40 | -12.60 | -4.49 | -3.81 | -12.16 |
| ALBANY___4 | 32.78 | 28.91 | 25.90 | 24.73 | 23.15 | 23.01 | 18.98 | 20.83 | 20.93 | 28.20 | 27.81 | 27.39 | 26.45 | 24.69 | 22.57 | 24.50 | 26.57 | 29.79 | 30.71 | 32.17 | 34.14 | 24.77 | 20.33 | 24.83 |
| 23574 | 0.37 | 0.41 | 0.40 | 0.37 | 0.35 | 0.37 | 0.39 | 0.41 | 0.67 | 0.78 | 0.76 | 0.77 | 0.68 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.63 | 0.68 | 0.83 | 0.76 | 0.62 | 0.40 |
| | -26.17 | -21.61 | -18.66 | -18.14 | -16.86 | -16.26 | -7.97 | -7.83 | -3.18 | -7.91 | -7.99 | -7.47 | -8.79 | -8.21 | -6.23 | -8.07 | -10.18 | -12.57 | -14.26 | -14.40 | -12.60 | -4.49 | -3.81 | -12.16 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 33.33 0.40 -26.70 | 29.36 0.43 -22.04 | 26.29 0.42 -19.03 | 25.10 0.38 -18.51 | 23.50 0.37 -17.20 | 23.35 0.39 -16.59 | 19.25 0.50 -8.13 | 21.13 0.55 -7.99 | 21.18 0.85 -3.24 | 28.59 1.01 -8.07 | 28.20 0.99 -8.15 | 27.77 1.00 -7.62 | 26.83 0.88 -8.96 | 25.03 0.81 -8.37 | 22.86 0.80 -6.36 | 24.85 0.81 -8.23 | 26.95 0.79 -10.38 | 30.24 0.86 -12.83 | 31.19 0.82 -14.54 | 32.66 0.89 -14.70 | 34.62 1.06 -12.86 | 25.09 1.00 -4.58 | 20.60 0.81 -3.89 | 25.22 0.55 -12.40 |
| ALCOA_RYNLDS___DRP 24188 | 5.90 -0.33 0.00 | 6.54 -0.34 0.00 | 6.49 -0.34 0.00 | 5.91 -0.30 0.00 | 5.62 -0.31 0.00 | 6.09 -0.28 0.00 | 10.12 -0.50 0.00 | 12.04 -0.54 0.00 | 16.07 -1.01 0.00 | 18.26 -1.25 0.00 | 17.86 -1.20 0.00 | 17.95 -1.21 0.00 | 15.92 -1.07 0.00 | 14.94 -0.90 0.00 | 14.87 -0.83 0.00 | 14.94 -0.87 0.00 | 14.94 -0.84 0.00 | 15.59 -0.96 0.00 | 14.95 -0.87 0.00 | 16.04 -1.04 0.00 | 19.43 -1.28 0.00 | 18.33 -1.19 0.00 | 14.94 -0.95 0.00 | 11.64 -0.63 0.00 |
| ALCOA___DSASP 323711 | 5.90 -0.33 0.00 | 6.54 -0.34 0.00 | 6.49 -0.34 0.00 | 5.91 -0.30 0.00 | 5.62 -0.31 0.00 | 6.09 -0.28 0.00 | 10.12 -0.50 0.00 | 12.04 -0.54 0.00 | 16.07 -1.01 0.00 | 18.26 -1.25 0.00 | 17.86 -1.20 0.00 | 17.95 -1.21 0.00 | 15.92 -1.07 0.00 | 14.94 -0.90 0.00 | 14.87 -0.83 0.00 | 14.94 -0.87 0.00 | 14.94 -0.84 0.00 | 15.59 -0.96 0.00 | 14.95 -0.87 0.00 | 16.04 -1.04 0.00 | 19.43 -1.28 0.00 | 18.33 -1.19 0.00 | 14.94 -0.95 0.00 | 11.64 -0.63 0.00 |
| ALLEGHENY___COGEN 23514 | 9.76 0.10 -3.43 | 9.81 0.09 -2.83 | 9.37 0.09 -2.44 | 8.66 0.06 -2.38 | 8.22 0.08 -2.21 | 8.54 0.04 -2.13 | 11.75 0.08 -1.04 | 13.67 0.06 -1.03 | 17.46 -0.03 -0.42 | 20.58 0.04 -1.04 | 20.14 0.04 -1.05 | 20.13 0.00 -0.98 | 18.10 -0.03 -1.15 | 16.81 -0.11 -1.07 | 16.41 -0.11 -0.82 | 16.74 -0.13 -1.06 | 16.94 -0.17 -1.33 | 18.10 -0.10 -1.65 | 17.60 -0.09 -1.87 | 18.93 -0.03 -1.89 | 22.40 0.04 -1.65 | 20.13 0.02 -0.59 | 16.33 -0.06 -0.50 | 13.93 0.07 -1.59 |
| ALTONA_WT_PWR 323606 | 6.00 -0.23 0.00 | 6.65 -0.23 0.00 | 6.61 -0.23 0.00 | 6.01 -0.21 0.00 | 5.72 -0.21 0.00 | 6.19 -0.18 0.00 | 10.30 -0.32 0.00 | 12.28 -0.30 0.00 | 16.53 -0.55 0.00 | 18.79 -0.72 0.00 | 18.39 -0.67 0.00 | 18.48 -0.67 0.00 | 16.39 -0.60 0.00 | 15.34 -0.51 0.00 | 15.27 -0.44 0.00 | 15.32 -0.49 0.00 | 15.32 -0.46 0.00 | 16.02 -0.53 0.00 | 15.35 -0.47 0.00 | 16.52 -0.56 0.00 | 19.98 -0.73 0.00 | 18.80 -0.72 0.00 | 15.21 -0.68 0.00 | 11.79 -0.48 0.00 |
| AMERICAN_REF_FUEL 24010 | 9.11 -0.23 -3.11 | 9.18 -0.27 -2.56 | 8.80 -0.25 -2.21 | 8.13 -0.24 -2.15 | 7.74 -0.20 -2.00 | 8.04 -0.27 -1.93 | 11.06 -0.51 -0.95 | 12.65 -0.86 -0.93 | 15.96 -1.50 -0.38 | 18.79 -1.66 -0.94 | 18.37 -1.64 -0.95 | 18.39 -1.65 -0.89 | 16.60 -1.43 -1.04 | 15.46 -1.36 -0.97 | 15.02 -1.43 -0.74 | 15.33 -1.44 -0.96 | 15.55 -1.44 -1.21 | 16.62 -1.42 -1.49 | 16.11 -1.41 -1.69 | 17.30 -1.49 -1.71 | 20.42 -1.78 -1.50 | 18.43 -1.62 -0.53 | 15.17 -1.18 -0.45 | 13.09 -0.61 -1.44 |
| ARTHUR_KILL_GT_1 23520 | 46.61 0.70 -39.68 | 28.62 0.77 -20.97 | 25.95 0.76 -18.35 | 20.92 0.76 -13.95 | 19.60 0.71 -12.96 | 19.62 0.74 -12.50 | 18.00 1.24 -6.14 | 21.12 1.42 -7.12 | 30.87 2.08 -11.71 | 39.86 2.44 -17.91 | 45.38 2.38 -23.93 | 47.47 2.43 -25.89 | 47.47 2.14 -28.34 | 47.47 2.00 -29.63 | 47.47 1.95 -29.82 | 45.21 1.98 -27.42 | 47.47 1.99 -29.70 | 47.47 2.09 -28.83 | 47.47 1.96 -29.69 | 45.80 2.15 -26.56 | 47.47 2.63 -24.13 | 47.47 2.46 -25.49 | 45.73 2.00 -27.83 | 27.51 1.47 -13.78 |
| ARTHUR_KILL_2 23512 | 46.61 0.70 -39.68 | 28.62 0.77 -20.97 | 25.95 0.76 -18.35 | 20.92 0.76 -13.95 | 19.60 0.71 -12.96 | 19.62 0.74 -12.50 | 18.00 1.24 -6.14 | 21.12 1.42 -7.12 | 30.87 2.08 -11.71 | 39.86 2.44 -17.91 | 45.38 2.38 -23.93 | 47.47 2.43 -25.89 | 47.47 2.14 -28.34 | 47.47 2.00 -29.63 | 47.47 1.95 -29.82 | 45.21 1.98 -27.42 | 47.47 1.99 -29.70 | 47.47 2.09 -28.83 | 47.47 1.96 -29.69 | 45.80 2.15 -26.56 | 47.47 2.63 -24.13 | 47.47 2.46 -25.49 | 45.73 2.00 -27.83 | 27.51 1.47 -13.78 |
| ARTHUR_KILL_3 23513 | 46.63 0.73 -39.67 | 28.65 0.81 -20.96 | 25.98 0.80 -18.35 | 20.89 0.73 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.20 1.51 -7.11 | 30.93 2.13 -11.72 | 39.89 2.46 -17.92 | 45.38 2.38 -23.94 | 47.46 2.41 -25.89 | 47.46 2.12 -28.35 | 47.46 2.00 -29.62 | 47.46 1.95 -29.81 | 45.20 1.98 -27.41 | 47.46 1.97 -29.71 | 47.48 2.09 -28.84 | 47.46 1.96 -29.68 | 45.77 2.13 -26.55 | 47.46 2.63 -24.12 | 47.48 2.48 -25.48 | 45.75 2.04 -27.82 | 27.55 1.52 -13.77 |
| ASHOKAN____ 23654 | 28.89 0.52 -22.14 | 25.75 0.58 -18.28 | 23.19 0.57 -15.78 | 22.07 0.51 -15.34 | 20.66 0.47 -14.27 | 20.66 0.53 -13.76 | 18.20 0.84 -6.74 | 19.95 0.74 -6.63 | 21.02 1.25 -2.69 | 27.78 1.58 -6.69 | 27.26 1.45 -6.75 | 26.94 1.47 -6.32 | 25.69 1.27 -7.43 | 24.01 1.22 -6.94 | 22.17 1.19 -5.27 | 23.98 1.34 -6.82 | 25.72 1.36 -8.59 | 28.37 1.21 -10.61 | 29.09 1.23 -12.03 | 30.58 1.35 -12.15 | 32.94 1.59 -10.63 | 24.83 1.52 -3.79 | 23.73 1.22 -6.61 | 23.36 0.83 -10.26 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 32.03 0.75 -25.05 | 28.37 0.83 -20.66 | 25.73 0.82 -18.07 | 20.91 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 21.15 1.53 -7.03 | 30.37 2.20 -11.08 | 33.26 2.57 -11.17 | 34.51 2.52 -12.94 | 34.14 2.55 -12.44 | 33.96 2.26 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.02 2.08 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.97 2.25 -14.63 | 36.77 2.75 -13.31 | 31.13 2.58 -9.03 | 29.74 2.10 -11.74 | 27.28 1.56 -13.46 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 32.03 0.75 -25.05 | 28.37 0.83 -20.66 | 25.73 0.82 -18.07 | 20.91 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.26 2.57 -11.17 | 34.51 2.52 -12.94 | 34.14 2.55 -12.44 | 33.96 2.26 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.02 2.08 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.97 2.25 -14.63 | 36.77 2.75 -13.31 | 31.13 2.58 -9.03 | 29.74 2.10 -11.74 | 27.28 1.56 -13.46 |
| ASTORIA_GT2_1 24094 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA_GT2_2 24095 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA_GT2_3 24096 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |

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|------------------------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| ASTORIA_GT2_4 24097 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | 2.11 | 1.57 |
| | -25.05 | -20.66 | -18.07 | -13.94 | -12.96 | -12.50 | -6.13 | -7.03 | -11.08 | -11.17 | -12.94 | -12.44 | -14.72 | -16.36 | -15.83 | -15.27 | -16.16 | -15.21 | -16.05 | -14.63 | -13.31 | -9.03 | -11.74 | -13.46 |
| ASTORIA_GT3_1 24098 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | 2.11 | 1.57 |
| | -25.05 | -20.66 | -18.07 | -13.94 | -12.96 | -12.50 | -6.13 | -7.03 | -11.08 | -11.17 | -12.94 | -12.44 | -14.72 | -16.36 | -15.83 | -15.27 | -16.16 | -15.21 | -16.05 | -14.63 | -13.31 | -9.03 | -11.74 | -13.46 |
| ASTORIA_GT3_2 24099 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | 2.11 | 1.57 |
| | -25.05 | -20.66 | -18.07 | -13.94 | -12.96 | -12.50 | -6.13 | -7.03 | -11.08 | -11.17 | -12.94 | -12.44 | -14.72 | -16.36 | -15.83 | -15.27 | -16.16 | -15.21 | -16.05 | -14.63 | -13.31 | -9.03 | -11.74 | -13.46 |
| ASTORIA_GT3_3 24100 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | 2.11 | 1.57 |
| | -25.05 | -20.66 | -18.07 | -13.94 | -12.96 | -12.50 | -6.13 | -7.03 | -11.08 | -11.17 | -12.94 | -12.44 | -14.72 | -16.36 | -15.83 | -15.27 | -16.16 | -15.21 | -16.05 | -14.63 | -13.31 | -9.03 | -11.74 | -13.46 |
| ASTORIA_GT3_4 24101 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | 2.11 | 1.57 |
| | -25.05 | -20.66 | -18.07 | -13.94 | -12.96 | -12.50 | -6.13 | -7.03 | -11.08 | -11.17 | -12.94 | -12.44 | -14.72 | -16.36 | -15.83 | -15.27 | -16.16 | -15.21 | -16.05 | -14.63 | -13.31 | -9.03 | -11.74 | -13.46 |
| ASTORIA_GT4_1 24102 | 32.03 | 28.38 | 25.73 | 20.92 | 19.59 | 19.61 | 18.03 | 21.15 | 30.39 | 33.28 | 34.53 | 34.16 | 33.98 | 34.31 | 33.59 | 33.17 | 34.03 | 33.96 | 33.94 | 33.98 | 36.79 | 31.15 | 29.75 | 27.29 |
| | 0.75 | 0.83 | 0.82 | 0.76 | 0.71 | 0.74 | 1.28 | 1.53 | 2.22 | 2.59 | 2.54 | 2.57 | 2.28 | 2.11 | 2.06 | 2.09 | 2.10 | 2.20 | 2.07 | 2.27 | 2.78 | 2.60 | | |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_7 24107 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA_GT_8 24108 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA___2 24149 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA___3 23516 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.75 2.52 -14.17 | 35.36 2.55 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| ASTORIA___4 23517 | 32.03 0.75 -25.05 | 28.38 0.83 -20.66 | 25.73 0.82 -18.07 | 20.92 0.76 -13.94 | 19.59 0.71 -12.96 | 19.61 0.74 -12.50 | 18.03 1.28 -6.13 | 21.15 1.53 -7.03 | 30.39 2.22 -11.08 | 33.28 2.59 -11.17 | 34.53 2.54 -12.94 | 34.16 2.57 -12.44 | 33.98 2.28 -14.72 | 34.31 2.11 -16.36 | 33.59 2.06 -15.83 | 33.17 2.09 -15.27 | 34.03 2.10 -16.16 | 33.96 2.20 -15.21 | 33.94 2.07 -16.05 | 33.98 2.27 -14.63 | 36.79 2.78 -13.31 | 31.15 2.60 -9.03 | 29.75 2.11 -11.74 | 27.29 1.57 -13.46 |
| ASTORIA___5 23518 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.75 2.52 -14.17 | 35.36 2.55 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| AST_ENERGY_2_CC3 323677 | 32.00 0.71 -25.06 | 28.34 0.79 -20.66 | 25.70 0.79 -18.08 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.50 | 17.99 1.24 -6.13 | 21.09 1.47 -7.04 | 30.29 2.12 -11.09 | 33.13 2.44 -11.18 | 34.39 2.38 -12.94 | 34.02 2.41 -12.45 | 33.84 2.12 -14.72 | 34.19 1.98 -16.37 | 33.49 1.95 -15.84 | 33.05 1.96 -15.27 | 33.92 1.97 -16.16 | 33.84 2.07 -15.21 | 33.82 1.95 -16.05 | 33.84 2.12 -14.64 | 36.61 2.59 -13.32 | 31.00 2.44 -9.04 | 29.65 2.00 -11.75 | 27.21 1.48 -13.47 |
| AST_ENERGY_2_CC4 323678 | 32.00 0.71 -25.06 | 28.34 0.79 -20.66 | 25.70 0.79 -18.08 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.50 | 17.99 1.24 -6.13 | 21.09 1.47 -7.04 | 30.29 2.12 -11.09 | 33.13 2.44 -11.18 | 34.39 2.38 -12.94 | 34.02 2.41 -12.45 | 33.84 2.12 -14.72 | 34.19 1.98 -16.37 | 33.49 1.95 -15.84 | 33.05 1.96 -15.27 | 33.92 1.97 -16.16 | 33.84 2.07 -15.21 | 33.82 1.95 -16.05 | 33.84 2.12 -14.64 | 36.61 2.59 -13.32 | 31.00 2.44 -9.04 | 29.65 2.00 -11.75 | 27.21 1.48 -13.47 |
| ATHENS_STG_1 23668 | 29.07 0.40 -22.44 | 25.86 0.45 -18.52 | 23.28 0.45 -15.99 | 22.18 0.41 -15.55 | 20.78 0.39 -14.46 | 20.73 0.41 -13.94 | 18.15 0.70 -6.83 | 20.13 0.83 -6.71 | 21.02 1.21 -2.73 | 27.67 1.39 -6.78 | 27.26 1.35 -6.84 | 26.91 1.36 -6.40 | 25.72 1.21 -7.53 | 24.00 1.13 -7.03 | 22.16 1.12 -5.34 | 23.85 1.12 -6.91 | 25.62 1.12 -8.72 | 28.50 1.18 -10.77 | 29.15 1.11 -12.22 | 30.64 1.21 -12.34 | 32.98 1.47 -10.80 | 24.75 1.39 -3.84 | 18.71 1.16 -1.66 | 23.53 0.83 -10.43 |
| ATHENS_STG_2 23670 | 29.07 0.40 -22.44 | 25.86 0.45 -18.52 | 23.28 0.45 -15.99 | 22.18 0.41 -15.55 | 20.78 0.39 -14.46 | 20.73 0.41 -13.94 | 18.15 0.70 -6.83 | 20.13 0.83 -6.71 | 21.02 1.21 -2.73 | 27.67 1.39 -6.78 | 27.26 1.35 -6.84 | 26.91 1.36 -6.40 | 25.72 1.21 -7.53 | 24.00 1.13 -7.03 | 22.16 1.12 -5.34 | 23.85 1.12 -6.91 | 25.62 1.12 -8.72 | 28.50 1.18 -10.77 | 29.15 1.11 -12.22 | 30.64 1.21 -12.34 | 32.98 1.47 -10.80 | 24.75 1.39 -3.84 | 18.71 1.16 -1.66 | 23.53 0.83 -10.43 |
| ATHENS_STG_3 23677 | 29.07 0.40 -22.44 | 25.86 0.45 -18.52 | 23.28 0.45 -15.99 | 22.18 0.41 -15.55 | 20.78 0.39 -14.46 | 20.73 0.41 -13.94 | 18.15 0.70 -6.83 | 20.13 0.83 -6.71 | 21.02 1.21 -2.73 | 27.67 1.39 -6.78 | 27.26 1.35 -6.84 | 26.91 1.36 -6.40 | 25.72 1.21 -7.53 | 24.00 1.13 -7.03 | 22.16 1.12 -5.34 | 23.85 1.12 -6.91 | 25.62 1.12 -8.72 | 28.50 1.18 -10.77 | 29.15 1.11 -12.22 | 30.64 1.21 -12.34 | 32.98 1.47 -10.80 | 24.75 1.39 -3.84 | 18.71 1.16 -1.66 | 23.53 0.83 -10.43 |
| AUBURN___LFGE 323710 | 8.91 0.14 -2.54 | 9.11 0.12 -2.10 | 8.78 0.13 -1.81 | 8.08 0.10 -1.76 | 7.68 0.11 -1.64 | 8.04 0.09 -1.58 | 11.57 0.18 -0.77 | 13.59 0.25 -0.76 | 17.75 0.36 -0.31 | 20.76 0.49 -0.77 | 20.31 0.48 -0.78 | 20.34 0.46 -0.73 | 18.21 0.37 -0.85 | 16.94 0.30 -0.80 | 16.59 0.28 -0.61 | 16.90 0.30 -0.78 | 17.04 0.27 -0.99 | 18.09 0.31 -1.22 | 17.49 0.29 -1.39 | 18.86 0.38 -1.40 | 22.47 0.54 -1.22 | 20.45 0.49 -0.44 | 16.57 0.30 -0.37 | 13.67 0.22 -1.18 |
| BABYLON_RES_REC 323704 | 29.19 0.88 -22.08 | 26.27 0.98 -18.40 | 24.18 0.97 -16.38 | 23.06 0.89 -15.95 | 22.86 0.84 -16.09 | 22.69 0.90 -15.42 | 23.54 1.53 -11.39 | 25.21 1.79 -10.84 | 27.46 2.65 -7.73 | 31.51 3.04 -8.96 | 32.08 2.90 -10.12 | 32.40 2.95 -10.29 | 30.92 2.58 -11.36 | 30.36 2.41 -12.11 | 27.90 2.36 -9.83 | 27.79 2.39 -9.59 | 28.18 2.46 -9.94 | 29.70 2.63 -10.51 | 30.03 2.45 -11.76 | 31.46 2.66 -11.71 | 34.52 3.29 -10.51 | 30.10 2.99 -7.59 | 27.21 2.48 -8.84 | 25.12 1.86 -10.99 |
| BARRETT_IC_1 23704 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_10 23701 | 51.80 0.84 -44.72 | 47.09 0.94 -39.26 | 47.09 0.94 -39.31 | 47.09 0.86 -40.01 | 47.09 0.81 -40.34 | 44.44 0.87 -37.20 | 47.09 1.44 -35.02 | 47.09 1.70 -32.81 | 48.72 2.48 -29.16 | 51.80 2.85 -29.44 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.87 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.06 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.56 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |

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|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_11 23702 | 51.80 0.84 -44.72 | 47.09 0.94 -39.26 | 47.09 0.94 -39.31 | 47.09 0.86 -40.01 | 47.09 0.81 -40.34 | 44.44 0.87 -37.20 | 47.09 1.44 -35.02 | 47.09 1.70 -32.81 | 48.72 2.48 -29.16 | 51.80 2.85 -29.44 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.87 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.06 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.56 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_12 23703 | 51.80 0.84 -44.72 | 47.09 0.94 -39.26 | 47.09 0.94 -39.31 | 47.09 0.86 -40.01 | 47.09 0.81 -40.34 | 44.44 0.87 -37.20 | 47.09 1.44 -35.02 | 47.09 1.70 -32.81 | 48.72 2.48 -29.16 | 51.80 2.85 -29.44 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.87 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.06 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.56 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_2 23705 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_3 23706 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_4 23707 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_5 23708 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_6 23709 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_7 23710 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_8 23711 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT_IC_9 23700 | 51.80 0.84 -44.72 | 47.09 0.94 -39.26 | 47.09 0.94 -39.31 | 47.09 0.86 -40.01 | 47.09 0.81 -40.34 | 44.44 0.87 -37.20 | 47.09 1.44 -35.02 | 47.09 1.70 -32.81 | 48.72 2.48 -29.16 | 51.80 2.85 -29.44 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.87 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.06 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.56 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT__1 23545 | 51.79 0.84 -44.72 | 47.08 0.94 -39.25 | 47.08 0.94 -39.30 | 47.08 0.86 -40.00 | 47.08 0.81 -40.34 | 44.43 0.87 -37.19 | 47.08 1.44 -35.02 | 47.08 1.70 -32.80 | 48.71 2.48 -29.15 | 51.79 2.85 -29.43 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.86 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.05 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.55 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BARRETT__2 23546 | 51.80 0.84 -44.72 | 47.09 0.94 -39.26 | 47.09 0.94 -39.31 | 47.09 0.86 -40.01 | 47.09 0.81 -40.34 | 44.44 0.87 -37.20 | 47.09 1.44 -35.02 | 47.09 1.70 -32.81 | 48.72 2.48 -29.16 | 51.80 2.85 -29.44 | 43.28 2.71 -21.52 | 43.28 2.74 -21.39 | 43.28 2.43 -23.87 | 41.90 2.27 -23.79 | 38.11 2.22 -20.19 | 38.11 2.24 -20.06 | 38.11 2.30 -20.03 | 38.11 2.42 -19.14 | 38.11 2.28 -20.01 | 38.11 2.48 -18.56 | 39.42 3.02 -15.69 | 38.11 2.79 -15.80 | 38.11 2.34 -19.88 | 35.97 1.77 -21.94 |
| BAYONEEC__CTG1 323682 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC__CTG2 323683 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC__CTG3 323684 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG4 323685 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC___CTG5 323686 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC___CTG6 323687 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC___CTG7 323688 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BAYONEEC___CTG8 323689 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.04 2.43 -12.45 | 33.87 2.16 -14.73 | 34.23 2.01 -16.37 | 33.51 1.96 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.86 1.98 -16.06 | 33.87 2.15 -14.64 | 36.66 2.63 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| BEACON___LESR 323632 | 32.73 0.43 -26.07 | 28.87 0.47 -21.52 | 25.88 0.46 -18.58 | 24.70 0.41 -18.07 | 23.12 0.40 -16.80 | 22.99 0.42 -16.20 | 19.12 0.56 -7.94 | 21.02 0.64 -7.80 | 21.22 0.97 -3.17 | 28.54 1.15 -7.88 | 28.14 1.12 -7.96 | 27.72 1.13 -7.44 | 26.74 1.00 -8.75 | 24.94 0.92 -8.17 | 22.82 0.91 -6.21 | 24.76 0.92 -8.03 | 26.83 0.91 -10.13 | 30.05 0.98 -12.52 | 30.95 0.93 -14.20 | 32.44 1.01 -14.35 | 34.48 1.22 -12.55 | 25.14 1.15 -4.47 | 20.73 0.92 -3.91 | 25.01 0.64 -12.11 |
| BEAVER RIVER___HYD 24048 | 6.00 -0.24 0.00 | 6.62 -0.27 0.00 | 6.57 -0.27 0.00 | 5.98 -0.24 0.00 | 5.68 -0.25 0.00 | 6.12 -0.25 0.00 | 10.19 -0.43 0.00 | 12.10 -0.48 0.00 | 16.41 -0.67 0.00 | 18.77 -0.74 0.00 | 18.28 -0.78 0.00 | 18.37 -0.79 0.00 | 16.26 -0.73 0.00 | 15.17 -0.68 0.00 | 15.03 -0.67 0.00 | 15.15 -0.66 0.00 | 15.12 -0.66 0.00 | 15.84 -0.71 0.00 | 15.16 -0.66 0.00 | 16.33 -0.75 0.00 | 19.84 -0.87 0.00 | 18.74 -0.78 0.00 | 15.24 -0.65 0.00 | 11.77 -0.49 0.00 |
| BEEBEE_GT_13 23619 | 8.56 -0.09 -2.42 | 8.77 -0.11 -2.00 | 8.46 -0.10 -1.72 | 7.79 -0.11 -1.68 | 7.40 -0.09 -1.56 | 7.74 -0.13 -1.50 | 11.13 -0.22 -0.74 | 12.97 -0.34 -0.72 | 16.79 -0.58 -0.29 | 19.63 -0.60 -0.73 | 19.21 -0.59 -0.74 | 19.21 -0.63 -0.69 | 17.24 -0.56 -0.81 | 16.02 -0.59 -0.76 | 15.72 -0.56 -0.58 | 15.99 -0.57 -0.74 | 16.10 -0.62 -0.94 | 17.14 -0.58 -1.16 | 16.57 -0.57 -1.32 | 17.85 -0.56 -1.33 | 21.25 -0.62 -1.16 | 19.35 -0.59 -0.41 | 15.75 -0.49 -0.35 | 13.12 -0.27 -1.12 |
| BETHLEHEM___GRP 23843 | 32.78 0.37 -26.17 | 28.91 0.41 -21.61 | 25.90 0.40 -18.66 | 24.73 0.37 -18.14 | 23.15 0.35 -16.86 | 23.01 0.37 -16.26 | 18.98 0.39 -7.97 | 20.83 0.41 -7.83 | 20.93 0.67 -3.18 | 28.20 0.78 -7.91 | 27.81 0.76 -7.99 | 27.39 0.77 -7.47 | 26.45 0.68 -8.79 | 24.69 0.63 -8.21 | 22.57 0.63 -6.23 | 24.50 0.62 -8.07 | 26.57 0.61 -10.18 | 29.79 0.66 -12.57 | 30.71 0.63 -14.26 | 32.17 0.68 -14.40 | 34.14 0.83 -12.60 | 24.77 0.76 -4.49 | 20.33 0.62 -3.81 | 24.83 0.40 -12.16 |
| BETHLEHEM___GS1 323560 | 32.78 0.37 -26.17 | 28.91 0.41 -21.61 | 25.90 0.40 -18.66 | 24.73 0.37 -18.14 | 23.15 0.35 -16.86 | 23.01 0.37 -16.26 | 18.98 0.39 -7.97 | 20.83 0.41 -7.83 | 20.93 0.67 -3.18 | 28.20 0.78 -7.91 | 27.81 0.76 -7.99 | 27.39 0.77 -7.47 | 26.45 0.68 -8.79 | 24.69 0.63 -8.21 | 22.57 0.63 -6.23 | 24.50 0.62 -8.07 | 26.57 0.61 -10.18 | 29.79 0.66 -12.57 | 30.71 0.63 -14.26 | 32.17 0.68 -14.40 | 34.14 0.83 -12.60 | 24.77 0.76 -4.49 | 20.33 0.62 -3.81 | 24.83 0.40 -12.16 |
| BETHLEHEM___GS2 323561 | 32.78 0.37 -26.17 | 28.91 0.41 -21.61 | 25.90 0.40 -18.66 | 24.73 0.37 -18.14 | 23.15 0.35 -16.86 | 23.01 0.37 -16.26 | 18.98 0.39 -7.97 | 20.83 0.41 -7.83 | 20.93 0.67 -3.18 | 28.20 0.78 -7.91 | 27.81 0.76 -7.99 | 27.39 0.77 -7.47 | 26.45 0.68 -8.79 | 24.69 0.63 -8.21 | 22.57 0.63 -6.23 | 24.50 0.62 -8.07 | 26.57 0.61 -10.18 | 29.79 0.66 -12.57 | 30.71 0.63 -14.26 | 32.17 0.68 -14.40 | 34.14 0.83 -12.60 | 24.77 0.76 -4.49 | 20.33 0.62 -3.81 | 24.83 0.40 -12.16 |
| BETHLEHEM___GS3 323562 | 32.78 0.37 -26.17 | 28.91 0.41 -21.61 | 25.90 0.40 -18.66 | 24.73 0.37 -18.14 | 23.15 0.35 -16.86 | 23.01 0.37 -16.26 | 18.98 0.39 -7.97 | 20.83 0.41 -7.83 | 20.93 0.67 -3.18 | 28.20 0.78 -7.91 | 27.81 0.76 -7.99 | 27.39 0.77 -7.47 | 26.45 0.68 -8.79 | 24.69 0.63 -8.21 | 22.57 0.63 -6.23 | 24.50 0.62 -8.07 | 26.57 0.61 -10.18 | 29.79 0.66 -12.57 | 30.71 0.63 -14.26 | 32.17 0.68 -14.40 | 34.14 0.83 -12.60 | 24.77 0.76 -4.49 | 20.33 0.62 -3.81 | 24.83 0.40 -12.16 |
| BETHLEHEM___STEEL 23779 | 9.51 -0.04 -3.32 | 9.57 -0.06 -2.74 | 9.15 -0.05 -2.37 | 8.46 -0.06 -2.30 | 8.05 -0.02 -2.14 | 8.35 -0.08 -2.06 | 11.46 -0.17 -1.01 | 13.20 -0.38 -0.99 | 16.73 -0.75 -0.40 | 19.73 -0.78 -1.00 | 19.29 -0.78 -1.01 | 19.29 -0.80 -0.95 | 17.42 -0.68 -1.11 | 16.21 -0.68 -1.04 | 15.74 -0.75 -0.79 | 16.06 -0.77 -1.02 | 16.31 -0.76 -1.29 | 17.40 -0.74 -1.59 | 16.89 -0.74 -1.81 | 18.12 -0.79 -1.83 | 21.38 -0.93 -1.60 | 19.25 -0.84 -0.57 | 15.77 -0.60 -0.48 | 13.58 -0.22 -1.54 |
| BETHPAGE_CC_5 323564 | 29.50 0.88 -22.39 | 26.56 0.98 -18.69 | 24.53 0.96 -16.73 | 23.42 0.88 -16.32 | 23.21 0.84 -16.44 | 23.00 0.89 -15.73 | 23.81 1.51 -11.68 | 25.47 1.77 -11.12 | 27.67 2.60 -7.99 | 31.76 3.00 -9.25 | 32.16 2.86 -10.24 | 32.47 2.91 -10.40 | 31.04 2.57 -11.48 | 30.45 2.39 -12.21 | 27.97 2.34 -9.92 | 27.87 2.36 -9.70 | 28.28 2.43 -10.07 | 29.75 2.57 -10.63 | 30.10 2.40 -11.87 | 31.50 2.61 -11.81 | 34.51 3.21 -10.59 | 30.13 2.95 -7.66 | 27.32 2.45 -8.98 | 25.25 1.84 -11.14 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 9.59 -0.01 -3.37 | 9.64 -0.02 -2.78 | 9.23 -0.01 -2.40 | 8.53 -0.02 -2.33 | 8.11 0.01 -2.17 | 8.42 -0.04 -2.09 | 11.53 -0.12 -1.02 | 13.29 -0.30 -1.01 | 16.86 -0.63 -0.41 | 19.88 -0.64 -1.02 | 19.44 -0.65 -1.03 | 19.46 -0.54 -0.96 | 17.57 -0.56 -1.13 | 16.35 -0.56 -1.05 | 15.86 -0.64 -0.80 | 16.19 -0.66 -1.04 | 16.44 -0.65 -1.31 | 17.54 -0.63 -1.62 | 17.02 -0.63 -1.83 | 18.27 -0.67 -1.85 | 21.54 -0.79 -1.62 | 19.40 -0.70 -0.58 | 15.88 -0.51 -0.49 | 13.68 -0.15 -1.56 |

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| BINGHAMTON___COGEN 23790 | 13.04 0.16 -6.65 | 12.54 0.17 -5.49 | 11.74 0.17 -4.74 | 10.97 0.15 -4.61 | 10.37 0.15 -4.28 | 10.64 0.14 -4.13 | 12.89 0.24 -2.02 | 14.85 0.28 -1.99 | 18.26 0.38 -0.81 | 21.96 0.45 -2.01 | 21.52 0.44 -2.03 | 21.49 0.44 -1.89 | 19.59 0.37 -2.23 | 18.26 0.33 -2.08 | 17.59 0.30 -1.58 | 18.18 0.32 -2.05 | 18.66 0.30 -2.58 | 20.09 0.35 -3.19 | 19.76 0.32 -3.62 | 21.11 0.38 -3.66 | 24.36 0.46 -3.20 | 21.09 0.43 -1.14 | 17.34 0.33 -1.11 | 15.64 0.29 -3.08 |
| BLACK RIVER___HYD 24047 | 6.78 -0.21 -0.75 | 7.26 -0.24 -0.62 | 7.13 -0.24 -0.54 | 6.52 -0.22 -0.52 | 6.18 -0.23 -0.48 | 6.60 -0.24 -0.47 | 10.47 -0.38 -0.23 | 12.38 -0.43 -0.22 | 16.66 -0.51 -0.09 | 19.19 -0.55 -0.23 | 18.72 -0.57 -0.23 | 18.79 -0.57 -0.21 | 16.66 -0.58 -0.25 | 15.53 -0.56 -0.24 | 15.32 -0.56 -0.18 | 15.52 -0.52 -0.23 | 15.52 -0.55 -0.29 | 16.34 -0.58 -0.36 | 15.68 -0.55 -0.41 | 16.90 -0.60 -0.41 | 20.41 -0.66 -0.36 | 19.06 -0.59 -0.13 | 15.48 -0.52 -0.11 | 12.18 -0.43 -0.35 |
| BLISS_WT_PWR 323608 | 9.87 0.08 -3.56 | 9.91 0.09 -2.94 | 9.47 0.10 -2.54 | 8.76 0.07 -2.47 | 8.32 0.10 -2.29 | 8.63 0.05 -2.21 | 11.78 0.07 -1.08 | 13.61 -0.04 -1.07 | 17.27 -0.24 -0.43 | 20.39 -0.20 -1.07 | 19.92 -0.23 -1.09 | 19.94 -0.23 -1.01 | 17.99 -0.19 -1.19 | 16.74 -0.22 -1.12 | 16.22 -0.33 -0.85 | 16.58 -0.33 -1.10 | 16.85 -0.32 -1.38 | 17.98 -0.28 -1.71 | 17.44 -0.32 -1.94 | 18.71 -0.33 -1.96 | 22.03 -0.39 -1.71 | 19.78 -0.35 -0.61 | 16.18 -0.24 -0.52 | 13.98 0.06 -1.65 |
| BLUE_CIRC_CHEM_DRP 24182 | 32.34 0.35 -25.76 | 28.54 0.39 -21.27 | 25.58 0.38 -18.36 | 24.42 0.35 -17.86 | 22.86 0.33 -16.60 | 22.73 0.35 -16.01 | 18.96 0.50 -7.84 | 20.86 0.57 -7.71 | 21.07 0.85 -3.13 | 28.29 0.99 -7.79 | 27.89 0.97 -7.86 | 27.48 0.98 -7.35 | 26.50 0.87 -8.65 | 24.73 0.81 -8.08 | 22.64 0.80 -6.13 | 24.56 0.81 -7.94 | 26.60 0.80 -10.02 | 29.77 0.84 -12.37 | 30.66 0.81 -14.03 | 32.13 0.87 -14.18 | 34.17 1.06 -12.40 | 24.93 1.00 -4.42 | 20.61 0.81 -3.90 | 24.80 0.56 -11.97 |
| BOC_GAS_DRP 24189 | 32.63 0.33 -26.07 | 28.77 0.36 -21.52 | 25.78 0.36 -18.58 | 24.62 0.33 -18.07 | 23.04 0.31 -16.80 | 22.90 0.33 -16.20 | 19.05 0.50 -7.94 | 20.96 0.58 -7.80 | 21.12 0.87 -3.17 | 28.38 0.99 -7.88 | 27.99 0.97 -7.96 | 27.57 0.98 -7.44 | 26.60 0.87 -8.75 | 24.83 0.81 -8.17 | 22.71 0.80 -6.21 | 24.65 0.81 -8.03 | 26.72 0.80 -10.14 | 29.92 0.84 -12.52 | 30.83 0.81 -14.20 | 32.30 0.87 -14.35 | 34.32 1.06 -12.55 | 24.98 1.00 -4.47 | 20.29 0.81 -3.59 | 24.95 0.58 -12.11 |
| BORALEX_4TH_BRANCH 23824 | 33.92 0.34 -27.35 | 29.83 0.37 -22.57 | 26.69 0.36 -19.49 | 25.49 0.32 -18.95 | 23.86 0.31 -17.62 | 23.69 0.32 -16.99 | 19.47 0.53 -8.32 | 21.38 0.62 -8.18 | 21.36 0.96 -3.32 | 28.88 1.11 -8.26 | 28.49 1.09 -8.34 | 28.00 1.05 -7.80 | 27.10 0.93 -9.18 | 25.27 0.86 -8.57 | 23.06 0.85 -6.51 | 25.08 0.84 -8.43 | 27.24 0.84 -10.63 | 30.60 0.91 -13.13 | 31.61 0.90 -14.89 | 33.08 0.96 -15.05 | 35.03 1.16 -13.16 | 25.30 1.09 -4.69 | 20.77 0.89 -3.98 | 25.58 0.61 -12.70 |
| BOWLINE___1 23526 | 26.37 0.64 -19.50 | 23.69 0.70 -16.10 | 21.44 0.70 -13.90 | 20.38 0.64 -13.52 | 19.10 0.61 -12.57 | 19.13 0.64 -12.12 | 17.66 1.10 -5.94 | 19.73 1.31 -5.84 | 21.33 1.88 -2.37 | 27.58 2.18 -5.89 | 27.14 2.13 -5.95 | 26.88 2.16 -5.56 | 25.45 1.92 -6.54 | 23.75 1.79 -6.11 | 22.09 1.74 -4.64 | 23.59 1.77 -6.01 | 25.14 1.78 -7.58 | 27.79 1.87 -9.37 | 28.20 1.76 -10.62 | 29.73 1.91 -10.73 | 32.44 2.34 -9.39 | 25.05 2.19 -3.34 | 23.90 1.80 -6.21 | 22.66 1.32 -9.07 |
| BOWLINE___2 23595 | 26.37 0.64 -19.51 | 23.69 0.70 -16.10 | 21.44 0.70 -13.90 | 20.38 0.64 -13.52 | 19.10 0.61 -12.57 | 19.13 0.64 -12.12 | 17.66 1.10 -5.94 | 19.73 1.31 -5.84 | 21.33 1.88 -2.37 | 27.58 2.18 -5.89 | 27.14 2.13 -5.95 | 26.88 2.16 -5.56 | 25.45 1.92 -6.54 | 23.75 1.79 -6.11 | 22.09 1.74 -4.64 | 23.59 1.77 -6.01 | 25.14 1.78 -7.58 | 27.79 1.87 -9.37 | 28.20 1.76 -10.62 | 29.73 1.91 -10.73 | 32.44 2.34 -9.39 | 25.05 2.19 -3.34 | 23.90 1.80 -6.21 | 22.66 1.32 -9.07 |
| BROOKHAVEN___DRP 24191 | 28.18 0.85 -21.10 | 25.34 0.96 -17.50 | 23.10 0.93 -15.34 | 21.93 0.85 -14.86 | 21.78 0.82 -15.03 | 21.73 0.89 -14.47 | 22.74 1.70 -10.42 | 24.34 1.81 -9.94 | 26.82 2.87 -6.87 | 30.81 3.24 -8.07 | 31.68 2.93 -9.69 | 32.06 3.02 -9.88 | 30.44 2.57 -10.88 | 29.97 2.42 -11.70 | 27.55 2.37 -9.47 | 27.36 2.36 -9.19 | 27.92 2.62 -9.52 | 29.58 2.88 -10.14 | 29.87 2.64 -11.41 | 31.36 2.85 -11.42 | 34.54 3.54 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.39 | 24.76 1.98 -10.52 |
| BROOKLYN_NAVY_YARD 23515 | 31.99 0.70 -25.06 | 28.34 0.78 -20.67 | 25.69 0.78 -18.08 | 20.88 0.71 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.50 | 17.99 1.24 -6.13 | 21.08 1.46 -7.04 | 30.27 2.10 -11.09 | 33.11 2.42 -11.18 | 34.37 2.36 -12.94 | 34.00 2.39 -12.45 | 33.84 2.12 -14.72 | 34.18 1.96 -16.37 | 33.47 1.93 -15.84 | 33.05 1.96 -15.27 | 33.90 1.96 -16.16 | 33.84 2.07 -15.21 | 33.82 1.95 -16.05 | 33.82 2.10 -14.64 | 36.61 2.59 -13.32 | 30.98 2.42 -9.04 | 29.63 1.99 -11.75 | 27.20 1.47 -13.47 |
| BROOKLYN___ARMY_DRP 323595 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| BROOME_2_LFGE 323671 | 13.04 0.16 -6.65 | 12.54 0.17 -5.49 | 11.74 0.17 -4.74 | 10.97 0.15 -4.61 | 10.37 0.15 -4.28 | 10.64 0.14 -4.13 | 12.89 0.24 -2.02 | 14.85 0.28 -1.99 | 18.26 0.38 -0.81 | 21.96 0.45 -2.01 | 21.52 0.44 -2.03 | 21.49 0.44 -1.89 | 19.59 0.37 -2.23 | 18.26 0.33 -2.08 | 17.59 0.30 -1.58 | 18.18 0.32 -2.05 | 18.66 0.30 -2.58 | 20.09 0.35 -3.19 | 19.76 0.32 -3.62 | 21.11 0.38 -3.66 | 24.36 0.46 -3.20 | 21.09 0.43 -1.14 | 17.34 0.33 -1.11 | 15.64 0.29 -3.08 |
| BROOME___LFGE 323600 | 13.04 0.16 -6.65 | 12.54 0.17 -5.49 | 11.74 0.17 -4.74 | 10.97 0.15 -4.61 | 10.37 0.15 -4.28 | 10.64 0.14 -4.13 | 12.89 0.24 -2.02 | 14.85 0.28 -1.99 | 18.26 0.38 -0.81 | 21.96 0.45 -2.01 | 21.52 0.44 -2.03 | 21.49 0.44 -1.89 | 19.59 0.37 -2.23 | 18.26 0.33 -2.08 | 17.59 0.30 -1.58 | 18.18 0.32 -2.05 | 18.66 0.30 -2.58 | 20.09 0.35 -3.19 | 19.76 0.32 -3.62 | 21.11 0.38 -3.66 | 24.36 0.46 -3.20 | 21.09 0.43 -1.14 | 17.34 0.33 -1.11 | 15.64 0.29 -3.08 |
| BURROWS___LYONSDAL 23803 | 6.18 -0.06 0.00 | 6.82 -0.07 0.00 | 6.77 -0.06 0.00 | 6.16 -0.06 0.00 | 5.86 -0.07 0.00 | 6.30 -0.07 0.00 | 10.51 -0.11 0.00 | 12.47 -0.11 0.00 | 16.96 -0.12 0.00 | 19.39 -0.12 0.00 | 18.93 -0.13 0.00 | 19.02 -0.13 0.00 | 16.82 -0.17 0.00 | 15.69 -0.16 0.00 | 15.53 -0.17 0.00 | 15.65 -0.16 0.00 | 15.61 -0.17 0.00 | 16.39 -0.17 0.00 | 15.66 -0.16 0.00 | 16.89 -0.19 0.00 | 20.52 -0.19 0.00 | 19.36 -0.16 0.00 | 15.74 -0.16 0.00 | 12.13 -0.13 0.00 |
| CAITHNESS_CC_1 323624 | 28.18 0.85 -21.09 | 25.34 0.96 -17.49 | 23.11 0.94 -15.33 | 21.94 0.86 -14.86 | 21.78 0.82 -15.03 | 21.73 0.89 -14.47 | 22.70 1.67 -10.42 | 24.32 1.80 -9.94 | 26.77 2.82 -6.87 | 30.77 3.20 -8.06 | 31.66 2.92 -9.68 | 32.02 2.99 -9.88 | 30.44 2.57 -10.88 | 29.95 2.41 -11.69 | 27.53 2.36 -9.47 | 27.36 2.36 -9.19 | 27.88 2.59 -9.52 | 29.53 2.83 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.48 3.48 -10.29 | 29.81 2.99 -7.30 | 26.79 2.51 -8.39 | 24.73 1.95 -10.52 |

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| CALPINE BETH_PAGE_GT4 24209 | 30.45 0.89 -23.33 | 27.42 0.98 -19.55 | 25.52 0.97 -17.71 | 24.46 0.89 -17.35 | 24.23 0.85 -17.45 | 23.91 0.90 -16.64 | 24.75 1.51 -12.62 | 26.34 1.77 -11.99 | 28.52 2.61 -8.83 | 32.61 3.00 -10.10 | 32.60 2.88 -10.67 | 32.89 2.93 -10.81 | 31.52 2.58 -11.95 | 30.86 2.39 -12.62 | 28.35 2.36 -10.29 | 28.28 2.37 -10.09 | 28.69 2.43 -10.48 | 30.10 2.57 -10.98 | 30.45 2.42 -12.21 | 31.78 2.61 -12.09 | 34.72 3.21 -10.80 | 30.42 2.95 -7.95 | 27.77 2.46 -9.41 | 25.71 1.85 -11.60 |
| CALPINE_BETH_PAGE_GT_4 323586 | 30.45 0.89 -23.33 | 27.42 0.98 -19.55 | 25.52 0.97 -17.71 | 24.46 0.89 -17.35 | 24.23 0.85 -17.45 | 23.91 0.90 -16.64 | 24.75 1.51 -12.62 | 26.34 1.77 -11.99 | 28.52 2.61 -8.83 | 32.61 3.00 -10.10 | 32.60 2.88 -10.67 | 32.89 2.93 -10.81 | 31.52 2.58 -11.95 | 30.86 2.39 -12.62 | 28.35 2.36 -10.29 | 28.28 2.37 -10.09 | 28.69 2.43 -10.48 | 30.10 2.57 -10.98 | 30.45 2.42 -12.21 | 31.78 2.61 -12.09 | 34.72 3.21 -10.80 | 30.42 2.95 -7.95 | 27.77 2.46 -9.41 | 25.71 1.85 -11.60 |
| CALPINE_BP_GT1 23823 | 30.45 0.89 -23.33 | 27.42 0.98 -19.55 | 25.52 0.97 -17.71 | 24.46 0.89 -17.35 | 24.23 0.85 -17.45 | 23.91 0.90 -16.64 | 24.75 1.51 -12.62 | 26.34 1.77 -11.99 | 28.52 2.61 -8.83 | 32.61 3.00 -10.10 | 32.60 2.88 -10.67 | 32.89 2.93 -10.81 | 31.52 2.58 -11.95 | 30.86 2.39 -12.62 | 28.35 2.36 -10.29 | 28.28 2.37 -10.09 | 28.69 2.43 -10.48 | 30.10 2.57 -10.98 | 30.45 2.42 -12.21 | 31.78 2.61 -12.09 | 34.72 3.21 -10.80 | 30.42 2.95 -7.95 | 27.77 2.46 -9.41 | 25.71 1.85 -11.60 |
| CALSPAN___DRP 24200 | 9.51 -0.04 -3.32 | 9.57 -0.06 -2.74 | 9.15 -0.05 -2.37 | 8.46 -0.06 -2.30 | 8.05 -0.02 -2.14 | 8.35 -0.08 -2.06 | 11.46 -0.17 -1.01 | 13.20 -0.38 -0.99 | 16.73 -0.75 -0.40 | 19.73 -0.78 -1.00 | 19.29 -0.78 -1.01 | 19.29 -0.80 -0.95 | 17.42 -0.68 -1.11 | 16.21 -0.68 -1.04 | 15.74 -0.75 -0.79 | 16.06 -0.77 -1.02 | 16.31 -0.76 -1.29 | 17.40 -0.74 -1.59 | 16.89 -0.74 -1.81 | 18.12 -0.79 -1.83 | 21.38 -0.93 -1.60 | 19.25 -0.84 -0.57 | 15.77 -0.60 -0.48 | 13.58 -0.22 -1.54 |
| CANDIGU_WT_PWR 323617 | 10.73 0.10 -4.40 | 10.61 0.10 -3.63 | 10.07 0.10 -3.13 | 9.35 0.08 -3.05 | 8.86 0.10 -2.83 | 9.16 0.06 -2.73 | 12.04 0.08 -1.34 | 13.92 0.03 -1.32 | 17.53 -0.08 -0.53 | 20.80 -0.04 -1.33 | 20.34 -0.06 -1.34 | 20.33 -0.08 -1.25 | 18.41 -0.05 -1.47 | 17.13 -0.09 -1.38 | 16.61 -0.14 -1.05 | 17.02 -0.14 -1.35 | 17.35 -0.14 -1.71 | 18.57 -0.10 -2.11 | 18.11 -0.11 -2.39 | 19.40 -0.10 -2.42 | 22.72 -0.10 -2.12 | 20.18 -0.10 -0.75 | 16.46 -0.08 -0.64 | 14.40 0.10 -2.04 |
| CARR STREET_E_SYR 24060 | 7.91 0.00 -1.68 | 8.25 -0.02 -1.38 | 8.01 -0.02 -1.19 | 7.36 -0.02 -1.16 | 6.99 -0.02 -1.08 | 7.38 -0.04 -1.04 | 11.08 -0.05 -0.51 | 13.03 -0.05 -0.50 | 17.23 -0.05 -0.20 | 19.99 -0.02 -0.51 | 19.55 -0.02 -0.51 | 19.61 -0.02 -0.48 | 17.52 -0.03 -0.56 | 16.31 -0.06 -0.53 | 16.03 -0.08 -0.40 | 16.27 -0.06 -0.52 | 16.35 -0.08 -0.65 | 17.29 -0.07 -0.81 | 16.67 -0.06 -0.91 | 17.97 -0.03 -0.92 | 21.50 -0.02 -0.81 | 19.79 -0.02 -0.29 | 16.11 -0.03 -0.24 | 13.02 -0.02 -0.78 |
| CARTHAGE___PAPER 23857 | 6.65 -0.22 -0.64 | 7.16 -0.25 -0.53 | 7.04 -0.25 -0.46 | 6.43 -0.24 -0.44 | 6.10 -0.24 -0.41 | 6.53 -0.24 -0.40 | 10.41 -0.40 -0.19 | 12.32 -0.45 -0.19 | 16.58 -0.58 -0.08 | 19.08 -0.63 -0.19 | 18.59 -0.67 -0.20 | 18.66 -0.67 -0.18 | 16.56 -0.65 -0.22 | 15.43 -0.62 -0.20 | 15.25 -0.61 -0.15 | 15.43 -0.58 -0.20 | 15.43 -0.60 -0.25 | 16.23 -0.63 -0.31 | 15.57 -0.60 -0.35 | 16.77 -0.67 -0.35 | 20.25 -0.77 -0.31 | 18.97 -0.66 -0.11 | 15.40 -0.59 -0.09 | 12.11 -0.45 -0.30 |
| CE_DUNWOOD___DRP 24194 | 27.09 0.67 -20.19 | 24.30 0.74 -16.67 | 21.97 0.74 -14.40 | 20.79 0.67 -13.90 | 19.49 0.63 -12.92 | 19.50 0.67 -12.46 | 17.89 1.17 -6.10 | 20.00 1.38 -6.03 | 21.76 2.00 -2.68 | 28.01 2.30 -6.20 | 27.61 2.25 -6.31 | 27.34 2.28 -5.91 | 25.96 2.02 -6.95 | 24.30 1.88 -6.57 | 22.63 1.84 -5.08 | 24.11 1.87 -6.43 | 25.69 1.88 -8.03 | 28.31 1.97 -9.78 | 28.73 1.85 -11.06 | 30.23 2.01 -11.13 | 32.93 2.46 -9.75 | 25.44 2.32 -3.59 | 24.23 1.91 -6.43 | 23.03 1.41 -9.36 |
| CE_MILLWOOD___DRP 24193 | 26.97 0.65 -20.09 | 24.19 0.72 -16.58 | 21.88 0.72 -14.32 | 20.72 0.65 -13.84 | 19.42 0.62 -12.87 | 19.43 0.65 -12.41 | 17.84 1.14 -6.08 | 19.93 1.35 -6.00 | 21.65 1.95 -2.62 | 27.90 2.24 -6.15 | 27.49 2.19 -6.24 | 27.22 2.22 -5.85 | 25.84 1.97 -6.88 | 24.17 1.84 -6.49 | 22.50 1.79 -5.00 | 23.99 1.82 -6.36 | 25.55 1.81 -7.95 | 28.19 1.92 -9.72 | 28.62 1.80 -10.99 | 30.11 1.96 -11.07 | 32.81 2.40 -9.70 | 25.33 2.26 -3.55 | 24.12 1.86 -6.36 | 22.93 1.37 -9.30 |
| CE_NYC2_DRP 24202 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.76 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.73 2.50 -14.17 | 35.36 2.55 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| CE_NYC_DRP 24195 | 31.78 0.74 -24.81 | 28.16 0.81 -20.46 | 25.53 0.81 -17.89 | 20.90 0.73 -13.94 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.03 1.27 -6.13 | 21.08 1.51 -6.99 | 29.91 2.17 -10.66 | 32.93 2.50 -10.93 | 34.11 2.44 -12.61 | 33.74 2.47 -12.12 | 33.51 2.19 -14.33 | 33.76 2.04 -15.87 | 32.99 1.99 -15.29 | 32.66 2.02 -14.82 | 33.55 2.02 -15.75 | 33.63 2.14 -14.94 | 33.63 2.01 -15.80 | 33.73 2.19 -14.46 | 36.52 2.67 -13.14 | 30.78 2.50 -8.76 | 29.43 2.05 -11.48 | 27.04 1.52 -13.26 |
| CHAFFEE___LFGE 323603 | 9.66 -0.01 -3.44 | 9.71 -0.01 -2.84 | 9.28 -0.01 -2.45 | 8.58 -0.02 -2.38 | 8.16 0.01 -2.21 | 8.46 -0.04 -2.13 | 11.56 -0.11 -1.05 | 13.33 -0.28 -1.03 | 16.88 -0.61 -0.42 | 19.94 -0.60 -1.04 | 19.50 -0.61 -1.05 | 19.52 -0.61 -0.98 | 17.61 -0.53 -1.15 | 16.38 -0.54 -1.08 | 15.90 -0.63 -0.82 | 16.22 -0.65 -1.06 | 16.48 -0.63 -1.34 | 17.59 -0.61 -1.65 | 17.08 -0.62 -1.87 | 18.32 -0.65 -1.89 | 21.60 -0.77 -1.65 | 19.43 -0.68 -0.59 | 15.90 -0.49 -0.50 | 13.72 -0.13 -1.59 |
| CHATEAUG_WT_PWR 323614 | 5.98 -0.26 0.00 | 6.63 -0.25 0.00 | 6.58 -0.25 0.00 | 6.00 -0.22 0.00 | 5.70 -0.23 0.00 | 6.17 -0.20 0.00 | 10.27 -0.35 0.00 | 12.23 -0.35 0.00 | 16.47 -0.61 0.00 | 18.71 -0.80 0.00 | 18.32 -0.74 0.00 | 18.41 -0.75 0.00 | 16.32 -0.66 0.00 | 15.28 -0.57 0.00 | 15.20 -0.50 0.00 | 15.26 -0.55 0.00 | 15.26 -0.52 0.00 | 15.98 -0.58 0.00 | 15.28 -0.54 0.00 | 16.45 -0.63 0.00 | 19.90 -0.81 0.00 | 18.72 -0.80 0.00 | 15.18 -0.72 0.00 | 11.75 -0.51 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 5.96 -0.27 0.00 | 6.61 -0.28 0.00 | 6.56 -0.27 0.00 | 5.98 -0.24 0.00 | 5.68 -0.25 0.00 | 6.16 -0.22 0.00 | 10.24 -0.38 0.00 | 12.19 -0.39 0.00 | 16.43 -0.65 0.00 | 18.65 -0.86 0.00 | 18.26 -0.80 0.00 | 18.35 -0.80 0.00 | 16.27 -0.71 0.00 | 15.23 -0.62 0.00 | 15.17 -0.53 0.00 | 15.23 -0.58 0.00 | 15.23 -0.55 0.00 | 15.93 -0.63 0.00 | 15.24 -0.59 0.00 | 16.41 -0.67 0.00 | 19.84 -0.87 0.00 | 18.68 -0.84 0.00 | 15.12 -0.78 0.00 | 11.71 -0.55 0.00 |
| CHAUTAUQUA___LFGE 323629 | 9.64 0.03 -3.38 | 9.69 0.02 -2.79 | 9.27 0.03 -2.41 | 8.57 0.01 -2.34 | 8.14 0.04 -2.18 | 8.46 -0.01 -2.10 | 11.59 -0.05 -1.03 | 13.37 -0.23 -1.01 | 16.96 -0.53 -0.41 | 20.02 -0.51 -1.02 | 19.58 -0.51 -1.03 | 19.60 -0.52 -0.96 | 17.68 -0.44 -1.13 | 16.44 -0.46 -1.06 | 15.95 -0.56 -0.80 | 16.27 -0.58 -1.04 | 16.53 -0.57 -1.31 | 17.63 -0.55 -1.62 | 17.09 -0.57 -1.84 | 18.38 -0.56 -1.86 | 21.67 -0.66 -1.63 | 19.52 -0.59 -0.58 | 15.97 -0.41 -0.49 | 13.75 -0.09 -1.57 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH_MIDHUDSON___DRP 24192 | 28.49 0.64 -21.63 | 25.44 0.70 -17.85 | 22.95 0.70 -15.42 | 21.84 0.63 -14.99 | 20.46 0.60 -13.93 | 20.45 0.64 -13.44 | 18.31 1.10 -6.58 | 20.34 1.28 -6.47 | 21.59 1.88 -2.63 | 28.25 2.18 -6.55 | 27.79 2.12 -6.62 | 27.48 2.14 -6.19 | 26.17 1.90 -7.28 | 24.42 1.77 -6.80 | 22.61 1.74 -5.16 | 24.28 1.79 -6.68 | 25.98 1.78 -8.41 | 28.79 1.84 -10.39 | 29.35 1.74 -11.79 | 30.90 1.91 -11.91 | 33.45 2.32 -10.42 | 25.40 2.17 -3.71 | 23.88 1.75 -6.24 | 23.60 1.28 -10.06 |
| CH_MISC_IPPS 23765 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |
| CH_RES_BVR_FALLS 23983 | 5.11 -0.11 1.02 | 5.93 -0.12 0.84 | 6.00 -0.12 0.72 | 5.41 -0.11 0.70 | 5.18 -0.10 0.65 | 5.65 -0.09 0.63 | 10.17 -0.14 0.31 | 12.13 -0.15 0.30 | 16.73 -0.22 0.12 | 18.93 -0.27 0.31 | 18.48 -0.27 0.31 | 18.59 -0.27 0.29 | 16.41 -0.24 0.34 | 15.32 -0.21 0.32 | 15.28 -0.19 0.24 | 15.29 -0.21 0.31 | 15.20 -0.19 0.39 | 15.85 -0.22 0.49 | 15.06 -0.21 0.55 | 16.28 -0.24 0.56 | 19.93 -0.29 0.49 | 19.07 -0.27 0.17 | 15.51 -0.24 0.15 | 11.60 -0.20 0.47 |
| CH_RES_NIAGARA 23895 | 9.07 -0.24 -3.08 | 9.16 -0.27 -2.54 | 8.78 -0.25 -2.19 | 8.11 -0.24 -2.13 | 7.72 -0.20 -1.98 | 8.02 -0.27 -1.91 | 11.05 -0.51 -0.94 | 12.65 -0.86 -0.92 | 15.95 -1.50 -0.37 | 18.78 -1.66 -0.93 | 18.36 -1.64 -0.94 | 18.38 -1.65 -0.88 | 16.59 -1.43 -1.03 | 15.45 -1.36 -0.96 | 15.02 -1.41 -0.73 | 15.32 -1.44 -0.95 | 15.54 -1.44 -1.20 | 16.58 -1.46 -1.48 | 16.07 -1.42 -1.68 | 17.25 -1.52 -1.69 | 20.37 -1.82 -1.48 | 18.41 -1.64 -0.53 | 15.13 -1.21 -0.45 | 13.07 -0.63 -1.43 |
| CH_RES_SYRACUSE 23985 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| CLINTON_WT_PWR 323605 | 5.98 -0.26 0.00 | 6.63 -0.25 0.00 | 6.58 -0.25 0.00 | 6.00 -0.22 0.00 | 5.70 -0.23 0.00 | 6.17 -0.20 0.00 | 10.27 -0.35 0.00 | 12.23 -0.35 0.00 | 16.47 -0.61 0.00 | 18.71 -0.80 0.00 | 18.32 -0.74 0.00 | 18.41 -0.75 0.00 | 16.32 -0.66 0.00 | 15.28 -0.57 0.00 | 15.20 -0.50 0.00 | 15.26 -0.55 0.00 | 15.26 -0.52 0.00 | 15.98 -0.58 0.00 | 15.28 -0.54 0.00 | 16.45 -0.63 0.00 | 19.90 -0.81 0.00 | 18.72 -0.80 0.00 | 15.18 -0.72 0.00 | 11.75 -0.51 0.00 |
| CLINTON___LFGE 323618 | 6.00 -0.23 0.00 | 6.66 -0.22 0.00 | 6.62 -0.22 0.00 | 6.02 -0.20 0.00 | 5.72 -0.21 0.00 | 6.20 -0.17 0.00 | 10.31 -0.31 0.00 | 12.30 -0.28 0.00 | 16.57 -0.51 0.00 | 18.79 -0.72 0.00 | 18.41 -0.65 0.00 | 18.50 -0.65 0.00 | 16.41 -0.58 0.00 | 15.34 -0.51 0.00 | 15.30 -0.41 0.00 | 15.34 -0.47 0.00 | 15.35 -0.43 0.00 | 16.06 -0.50 0.00 | 15.36 -0.46 0.00 | 16.55 -0.53 0.00 | 20.03 -0.68 0.00 | 18.84 -0.68 0.00 | 15.23 -0.67 0.00 | 11.79 -0.48 0.00 |
| COLONIE_LFGE___ 323577 | 33.94 0.36 -27.35 | 29.85 0.39 -22.57 | 26.71 0.38 -19.49 | 25.51 0.34 -18.95 | 23.88 0.33 -17.62 | 23.71 0.34 -16.99 | 19.50 0.55 -8.32 | 21.41 0.64 -8.18 | 21.39 0.99 -3.32 | 28.92 1.15 -8.26 | 28.53 1.12 -8.34 | 28.04 1.09 -7.80 | 27.13 0.97 -9.18 | 25.30 0.89 -8.57 | 23.09 0.88 -6.51 | 25.11 0.87 -8.43 | 27.28 0.87 -10.63 | 30.63 0.94 -13.13 | 31.65 0.93 -14.89 | 33.12 0.99 -15.05 | 35.07 1.20 -13.16 | 25.34 1.13 -4.69 | 20.80 0.92 -3.98 | 25.60 0.64 -12.70 |
| CORNELL___ 23752 | 10.28 0.13 -3.91 | 10.24 0.12 -3.23 | 9.75 0.12 -2.79 | 9.03 0.10 -2.71 | 8.55 0.10 -2.52 | 8.89 0.08 -2.43 | 11.98 0.17 -1.19 | 13.98 0.23 -1.17 | 17.90 0.34 -0.48 | 21.14 0.45 -1.18 | 20.67 0.42 -1.19 | 20.69 0.42 -1.12 | 18.64 0.34 -1.31 | 17.36 0.29 -1.23 | 16.90 0.27 -0.93 | 17.30 0.28 -1.21 | 17.57 0.27 -1.52 | 18.73 0.30 -1.88 | 18.24 0.29 -2.13 | 19.58 0.34 -2.15 | 23.05 0.46 -1.88 | 20.62 0.43 -0.67 | 16.75 0.29 -0.57 | 14.30 0.22 -1.82 |
| COXSACKIE___GT 23611 | 29.28 0.50 -22.54 | 26.06 0.56 -18.61 | 23.46 0.55 -16.07 | 22.34 0.50 -15.62 | 20.92 0.47 -14.52 | 20.89 0.52 -14.01 | 18.29 0.81 -6.86 | 20.16 0.83 -6.75 | 21.14 1.32 -2.74 | 27.90 1.58 -6.81 | 27.43 1.49 -6.88 | 27.10 1.51 -6.43 | 25.86 1.31 -7.57 | 24.17 1.25 -7.07 | 22.30 1.23 -5.37 | 24.06 1.30 -6.95 | 25.84 1.31 -8.75 | 28.64 1.27 -10.81 | 29.33 1.25 -12.26 | 30.83 1.37 -12.39 | 33.18 1.64 -10.83 | 24.92 1.54 -3.86 | 23.48 1.24 -6.34 | 23.59 0.87 -10.45 |
| CRESCENT___HYD 24018 | 33.94 0.36 -27.35 | 29.85 0.39 -22.57 | 26.71 0.38 -19.49 | 25.51 0.34 -18.95 | 23.88 0.33 -17.62 | 23.71 0.34 -16.99 | 19.50 0.55 -8.32 | 21.41 0.64 -8.18 | 21.39 0.99 -3.32 | 28.92 1.15 -8.26 | 28.53 1.12 -8.34 | 28.04 1.09 -7.80 | 27.13 0.97 -9.18 | 25.30 0.89 -8.57 | 23.09 0.88 -6.51 | 25.11 0.87 -8.43 | 27.28 0.87 -10.63 | 30.63 0.94 -13.13 | 31.65 0.93 -14.89 | 33.12 0.99 -15.05 | 35.07 1.20 -13.16 | 25.34 1.13 -4.69 | 20.80 0.92 -3.98 | 25.60 0.64 -12.70 |
| CRUCIBLE_METL_DRP 24180 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| DANC___LFGE 323619 | 6.78 -0.21 -0.75 | 7.26 -0.24 -0.62 | 7.13 -0.24 -0.54 | 6.52 -0.22 -0.52 | 6.18 -0.23 -0.48 | 6.60 -0.24 -0.47 | 10.47 -0.38 -0.23 | 12.38 -0.43 -0.22 | 16.66 -0.51 -0.09 | 19.19 -0.55 -0.23 | 18.72 -0.57 -0.23 | 18.79 -0.57 -0.21 | 16.66 -0.58 -0.25 | 15.53 -0.56 -0.24 | 15.32 -0.56 -0.18 | 15.52 -0.52 -0.23 | 15.52 -0.55 -0.29 | 16.34 -0.58 -0.36 | 15.68 -0.55 -0.41 | 16.90 -0.60 -0.41 | 20.41 -0.66 -0.36 | 19.06 -0.59 -0.13 | 15.48 -0.52 -0.11 | 12.18 -0.43 -0.35 |
| DANSKAMMER___1 23586 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |
| DANSKAMMER___2 23589 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___3 23590 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |
| DANSKAMMER___4 23591 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |
| DANSKAMMER___DIESEL 23592 | 27.74 0.66 -20.85 | 24.83 0.73 -17.21 | 22.42 0.72 -14.86 | 21.33 0.66 -14.45 | 19.98 0.62 -13.44 | 19.99 0.66 -12.96 | 18.11 1.15 -6.35 | 20.13 1.31 -6.24 | 21.51 1.90 -2.53 | 27.99 2.22 -6.26 | 27.53 2.15 -6.32 | 27.24 2.18 -5.91 | 25.86 1.92 -6.95 | 24.13 1.79 -6.49 | 22.39 1.76 -4.93 | 24.01 1.82 -6.38 | 25.58 1.80 -8.00 | 28.29 1.85 -9.88 | 28.78 1.76 -11.20 | 30.32 1.91 -11.32 | 32.95 2.34 -9.90 | 25.23 2.19 -3.53 | 23.98 1.76 -6.32 | 23.11 1.30 -9.55 |
| DASHVILLE___HYD 23610 | 28.35 0.57 -21.55 | 25.31 0.64 -17.79 | 22.83 0.64 -15.36 | 21.73 0.58 -14.93 | 20.36 0.55 -13.88 | 20.34 0.58 -13.39 | 18.19 1.01 -6.56 | 20.19 1.16 -6.45 | 21.39 1.69 -2.62 | 27.98 1.97 -6.51 | 27.55 1.92 -6.57 | 27.25 1.95 -6.14 | 25.93 1.72 -7.23 | 24.21 1.62 -6.75 | 22.42 1.59 -5.13 | 24.06 1.61 -6.64 | 25.75 1.63 -8.35 | 28.54 1.67 -10.31 | 29.10 1.58 -11.69 | 30.62 1.72 -11.81 | 33.13 2.09 -10.33 | 25.17 1.97 -3.68 | 24.46 1.59 -6.98 | 23.40 1.17 -9.97 |
| DELAWARE___LFGE 323621 | 15.19 0.30 -8.66 | 14.36 0.33 -7.15 | 13.34 0.33 -6.17 | 12.52 0.30 -6.00 | 11.79 0.28 -5.58 | 12.05 0.29 -5.38 | 13.78 0.52 -2.64 | 15.78 0.60 -2.59 | 19.04 0.90 -1.05 | 23.18 1.05 -2.62 | 22.71 1.01 -2.64 | 22.64 1.01 -2.47 | 20.78 0.88 -2.91 | 19.37 0.81 -2.71 | 18.55 0.78 -2.06 | 19.29 0.81 -2.67 | 19.95 0.80 -3.37 | 21.56 0.84 -4.16 | 21.34 0.81 -4.72 | 22.73 0.89 -4.77 | 25.95 1.08 -4.17 | 22.02 1.01 -1.48 | 18.18 0.83 -1.45 | 16.89 0.61 -4.02 |
| DOGLEVILLE___HYD 23807 | 6.05 0.30 0.48 | 6.82 0.33 0.40 | 6.83 0.33 0.34 | 6.19 0.30 0.33 | 5.90 0.28 0.31 | 6.38 0.31 0.30 | 10.99 0.52 0.15 | 13.05 0.62 0.14 | 17.89 0.87 0.06 | 20.38 1.01 0.15 | 19.83 0.91 0.15 | 19.93 0.92 0.14 | 17.64 0.82 0.16 | 16.44 0.74 0.15 | 16.31 0.72 0.11 | 16.41 0.74 0.15 | 16.32 0.73 0.19 | 17.09 0.76 0.23 | 16.25 0.70 0.26 | 17.55 0.75 0.27 | 21.33 0.85 0.23 | 20.28 0.84 0.08 | 16.48 0.65 0.07 | 12.52 0.48 0.22 |
| DUNKIRK___1 23563 | 9.63 0.03 -3.37 | 9.68 0.01 -2.78 | 9.26 0.02 -2.40 | 8.56 0.01 -2.34 | 8.13 0.03 -2.17 | 8.45 -0.02 -2.09 | 11.58 -0.06 -1.03 | 13.35 -0.24 -1.01 | 16.94 -0.55 -0.41 | 20.00 -0.53 -1.02 | 19.53 -0.55 -1.03 | 19.56 -0.56 -0.96 | 17.66 -0.46 -1.13 | 16.43 -0.47 -1.06 | 15.93 -0.58 -0.80 | 16.25 -0.60 -1.04 | 16.51 -0.58 -1.31 | 17.61 -0.56 -1.62 | 17.07 -0.59 -1.84 | 18.34 -0.60 -1.85 | 21.65 -0.68 -1.62 | 19.49 -0.61 -0.58 | 15.96 -0.43 -0.49 | 13.73 -0.10 -1.56 |
| DUNKIRK___2 23564 | 9.63 0.03 -3.37 | 9.68 0.01 -2.78 | 9.26 0.02 -2.40 | 8.56 0.01 -2.34 | 8.13 0.03 -2.17 | 8.45 -0.02 -2.09 | 11.58 -0.06 -1.03 | 13.35 -0.24 -1.01 | 16.94 -0.55 -0.41 | 20.00 -0.53 -1.02 | 19.53 -0.55 -1.03 | 19.56 -0.56 -0.96 | 17.66 -0.46 -1.13 | 16.43 -0.47 -1.06 | 15.93 -0.58 -0.80 | 16.25 -0.60 -1.04 | 16.51 -0.58 -1.31 | 17.61 -0.56 -1.62 | 17.07 -0.59 -1.84 | 18.34 -0.60 -1.85 | 21.65 -0.68 -1.62 | 19.49 -0.61 -0.58 | 15.96 -0.43 -0.49 | 13.73 -0.10 -1.56 |
| DUNKIRK___3 23565 | 9.56 0.00 -3.33 | 9.62 -0.01 -2.75 | 9.20 -0.01 -2.37 | 8.51 -0.02 -2.31 | 8.09 0.01 -2.15 | 8.40 -0.04 -2.07 | 11.53 -0.11 -1.01 | 13.28 -0.30 -1.00 | 16.85 -0.63 -0.40 | 19.89 -0.63 -1.01 | 19.43 -0.65 -1.02 | 19.45 -0.65 -0.95 | 17.56 -0.54 -1.12 | 16.34 -0.56 -1.04 | 15.84 -0.66 -0.79 | 16.18 -0.66 -1.03 | 16.41 -0.66 -1.30 | 17.51 -0.65 -1.60 | 16.99 -0.65 -1.81 | 18.25 -0.67 -1.83 | 21.53 -0.79 -1.60 | 19.39 -0.70 -0.57 | 15.87 -0.51 -0.48 | 13.66 -0.15 -1.54 |
| DUNKIRK___4 23566 | 9.56 0.00 -3.33 | 9.62 -0.01 -2.75 | 9.20 -0.01 -2.37 | 8.51 -0.02 -2.31 | 8.09 0.01 -2.15 | 8.40 -0.04 -2.07 | 11.53 -0.11 -1.01 | 13.28 -0.30 -1.00 | 16.85 -0.63 -0.40 | 19.89 -0.63 -1.01 | 19.43 -0.65 -1.02 | 19.45 -0.65 -0.95 | 17.56 -0.54 -1.12 | 16.34 -0.56 -1.04 | 15.84 -0.66 -0.79 | 16.18 -0.66 -1.03 | 16.41 -0.66 -1.30 | 17.51 -0.65 -1.60 | 16.99 -0.65 -1.81 | 18.25 -0.67 -1.83 | 21.53 -0.79 -1.60 | 19.39 -0.70 -0.57 | 15.87 -0.51 -0.48 | 13.66 -0.15 -1.54 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 27.03 0.70 -20.10 | 24.25 0.77 -16.59 | 21.93 0.77 -14.32 | 20.84 0.70 -13.93 | 19.54 0.66 -12.95 | 19.55 0.69 -12.49 | 17.95 1.21 -6.12 | 20.03 1.43 -6.01 | 21.59 2.07 -2.44 | 27.98 2.40 -6.07 | 27.53 2.34 -6.13 | 27.26 2.37 -5.73 | 25.83 2.11 -6.74 | 24.11 1.96 -6.30 | 22.40 1.92 -4.78 | 23.95 1.94 -6.19 | 25.53 1.94 -7.81 | 28.26 2.05 -9.65 | 28.69 1.93 -10.94 | 30.24 2.10 -11.06 | 32.95 2.57 -9.67 | 25.38 2.42 -3.44 | 24.13 1.97 -6.26 | 22.97 1.46 -9.24 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 26.84 0.62 -19.99 | 24.08 0.70 -16.50 | 21.77 0.68 -14.25 | 20.69 0.62 -13.85 | 19.40 0.59 -12.88 | 19.42 0.62 -12.42 | 17.79 1.08 -6.08 | 19.81 1.25 -5.98 | 21.32 1.81 -2.43 | 27.65 2.13 -6.01 | 27.19 2.06 -6.07 | 26.92 2.09 -5.68 | 25.52 1.85 -6.68 | 23.81 1.73 -6.24 | 22.12 1.68 -4.74 | 23.68 1.74 -6.13 | 25.11 1.70 -7.63 | 27.73 1.75 -9.42 | 28.17 1.66 -10.69 | 29.69 1.81 -10.80 | 32.37 2.22 -9.44 | 24.97 2.09 -3.36 | 23.70 1.70 -6.11 | 22.60 1.25 -9.09 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 27.20 0.72 -20.25 | 24.40 0.80 -16.72 | 22.07 0.79 -14.44 | 20.89 0.73 -13.94 | 19.58 0.69 -12.96 | 19.60 0.73 -12.50 | 18.01 1.26 -6.13 | 20.11 1.48 -6.04 | 21.94 2.13 -2.72 | 28.25 2.50 -6.24 | 27.86 2.44 -6.36 | 27.58 2.47 -5.96 | 26.19 2.19 -7.01 | 24.51 2.03 -6.64 | 22.85 1.99 -5.15 | 24.32 2.01 -6.50 | 25.89 2.02 -8.09 | 28.50 2.12 -9.82 | 28.92 1.99 -11.10 | 30.43 2.19 -11.17 | 33.18 2.67 -9.80 | 25.66 2.50 -3.64 | 24.42 2.04 -6.49 | 23.19 1.51 -9.42 |
| EAST HAMPTON___GT 23717 | 28.48 1.15 -21.10 | 25.65 1.27 -17.50 | 23.40 1.22 -15.34 | 22.21 1.12 -14.87 | 22.05 1.08 -15.04 | 22.00 1.15 -14.48 | 23.22 2.18 -10.43 | 24.89 2.36 -9.95 | 27.68 3.72 -6.88 | 31.85 4.27 -8.07 | 32.71 3.96 -9.69 | 33.08 4.04 -9.89 | 31.32 3.45 -10.89 | 30.76 3.22 -11.70 | 28.32 3.14 -9.47 | 28.14 3.13 -9.19 | 28.74 3.44 -9.52 | 30.49 3.79 -10.15 | 30.70 3.47 -11.41 | 32.23 3.72 -11.42 | 35.60 4.60 -10.29 | 30.77 3.94 -7.30 | 27.51 3.23 -8.39 | 25.30 2.51 -10.52 |
| EAST RIVER___6 23660 | 32.01 0.72 -25.06 | 28.35 0.81 -20.66 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.00 1.25 -6.13 | 21.11 1.48 -7.04 | 30.31 2.13 -11.09 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.06 2.45 -12.45 | 33.89 2.17 -14.73 | 34.24 2.03 -16.37 | 33.52 1.98 -15.84 | 33.10 2.01 -15.28 | 33.96 2.02 -16.16 | 33.89 2.12 -15.21 | 33.87 1.99 -16.05 | 33.89 2.17 -14.64 | 36.68 2.65 -13.32 | 31.04 2.48 -9.04 | 29.68 2.04 -11.75 | 27.24 1.51 -13.47 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST_RIVER___7 23524 | 32.01 0.72 -25.06 | 28.35 0.81 -20.66 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.00 1.25 -6.13 | 21.11 1.48 -7.04 | 30.31 2.13 -11.09 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.06 2.45 -12.45 | 33.89 2.17 -14.73 | 34.24 2.03 -16.37 | 33.52 1.98 -15.84 | 33.10 2.01 -15.28 | 33.96 2.02 -16.16 | 33.89 2.12 -15.21 | 33.87 1.99 -16.05 | 33.89 2.17 -14.64 | 36.68 2.65 -13.32 | 31.04 2.48 -9.04 | 29.68 2.04 -11.75 | 27.24 1.51 -13.47 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 27.09 0.67 -20.19 | 24.30 0.74 -16.67 | 21.97 0.74 -14.40 | 20.79 0.67 -13.90 | 19.49 0.63 -12.92 | 19.50 0.67 -12.46 | 17.89 1.17 -6.10 | 20.00 1.38 -6.03 | 21.76 2.00 -2.68 | 28.01 2.30 -6.20 | 27.61 2.25 -6.31 | 27.34 2.28 -5.91 | 25.96 2.02 -6.95 | 24.30 1.88 -6.57 | 22.63 1.84 -5.08 | 24.11 1.87 -6.43 | 25.69 1.88 -8.03 | 28.31 1.97 -9.78 | 28.73 1.85 -11.06 | 30.23 2.01 -11.13 | 32.93 2.46 -9.75 | 25.44 2.32 -3.59 | 24.23 1.91 -6.43 | 23.03 1.41 -9.36 |
| EAST_HAMPTON___DIESEL 23722 | 28.48 1.15 -21.10 | 25.65 1.27 -17.50 | 23.40 1.22 -15.34 | 22.21 1.12 -14.87 | 22.05 1.08 -15.04 | 22.00 1.15 -14.48 | 23.22 2.18 -10.43 | 24.89 2.36 -9.95 | 27.68 3.72 -6.88 | 31.85 4.27 -8.07 | 32.71 3.96 -9.69 | 33.08 4.04 -9.89 | 31.32 3.45 -10.89 | 30.76 3.22 -11.70 | 28.32 3.14 -9.47 | 28.14 3.13 -9.19 | 28.74 3.44 -9.52 | 30.49 3.79 -10.15 | 30.70 3.47 -11.41 | 32.23 3.72 -11.42 | 35.60 4.60 -10.29 | 30.77 3.94 -7.30 | 27.51 3.23 -8.39 | 25.30 2.51 -10.52 |
| EAST_RIVER___1 323558 | 31.78 0.74 -24.81 | 28.16 0.81 -20.46 | 25.53 0.81 -17.89 | 20.90 0.73 -13.94 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.03 1.27 -6.13 | 21.08 1.51 -6.99 | 29.91 2.17 -10.66 | 32.93 2.50 -10.93 | 34.11 2.44 -12.61 | 33.74 2.47 -12.12 | 33.51 2.19 -14.33 | 33.76 2.04 -15.87 | 32.99 1.99 -15.29 | 32.66 2.02 -14.82 | 33.55 2.02 -15.75 | 33.63 2.14 -14.94 | 33.63 2.01 -15.80 | 33.73 2.19 -14.46 | 36.52 2.67 -13.14 | 30.78 2.50 -8.76 | 29.43 2.05 -11.48 | 27.04 1.52 -13.26 |
| EAST_RIVER___2 323559 | 32.01 0.72 -25.06 | 28.35 0.81 -20.66 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.00 1.25 -6.13 | 21.11 1.48 -7.04 | 30.31 2.13 -11.09 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.06 2.45 -12.45 | 33.89 2.17 -14.73 | 34.24 2.03 -16.37 | 33.52 1.98 -15.84 | 33.10 2.01 -15.28 | 33.96 2.02 -16.16 | 33.89 2.12 -15.21 | 33.87 1.99 -16.05 | 33.89 2.17 -14.64 | 36.68 2.65 -13.32 | 31.04 2.48 -9.04 | 29.68 2.04 -11.75 | 27.24 1.51 -13.47 |
| EAST___DELAWARE_HYD 23607 | 27.34 0.10 -21.01 | 24.35 0.12 -17.34 | 21.93 0.12 -14.98 | 20.88 0.10 -14.56 | 19.55 0.08 -13.54 | 19.53 0.10 -13.06 | 17.23 0.21 -6.40 | 19.02 0.15 -6.29 | 20.04 0.41 -2.55 | 26.41 0.57 -6.34 | 25.95 0.49 -6.40 | 25.67 0.54 -5.98 | 24.49 0.46 -7.04 | 22.86 0.44 -6.58 | 21.12 0.42 -4.99 | 22.78 0.51 -6.46 | 24.38 0.50 -8.10 | 26.98 0.41 -10.01 | 27.58 0.41 -11.35 | 29.01 0.46 -11.47 | 31.30 0.56 -10.03 | 23.60 0.51 -3.57 | 23.05 0.41 -6.74 | 22.14 0.21 -9.67 |
| ELEC_TRO_TEK 24086 | 33.83 0.79 -26.81 | 30.54 0.89 -22.77 | 29.23 0.88 -21.51 | 28.37 0.81 -21.34 | 27.95 0.76 -21.25 | 27.21 0.81 -20.03 | 27.91 1.35 -15.95 | 29.26 1.60 -15.08 | 31.17 2.34 -11.75 | 35.50 2.69 -13.30 | 33.72 2.59 -12.07 | 33.86 2.60 -12.11 | 32.76 2.31 -13.46 | 31.86 2.15 -13.86 | 29.20 2.11 -11.38 | 29.34 2.13 -11.39 | 29.92 2.18 -11.96 | 31.11 2.29 -12.27 | 31.42 2.15 -13.44 | 32.54 2.34 -13.12 | 35.19 2.88 -11.61 | 31.00 2.65 -8.83 | 29.08 2.23 -10.96 | 27.20 1.66 -13.28 |
| ELLENBURG_WT_PWR 323604 | 5.98 -0.26 0.00 | 6.63 -0.25 0.00 | 6.58 -0.25 0.00 | 6.00 -0.22 0.00 | 5.70 -0.23 0.00 | 6.17 -0.20 0.00 | 10.27 -0.35 0.00 | 12.23 -0.35 0.00 | 16.47 -0.61 0.00 | 18.71 -0.80 0.00 | 18.32 -0.74 0.00 | 18.41 -0.75 0.00 | 16.32 -0.66 0.00 | 15.28 -0.57 0.00 | 15.20 -0.50 0.00 | 15.26 -0.55 0.00 | 15.26 -0.52 0.00 | 15.98 -0.58 0.00 | 15.28 -0.54 0.00 | 16.45 -0.63 0.00 | 19.90 -0.81 0.00 | 18.72 -0.80 0.00 | 15.18 -0.72 0.00 | 11.75 -0.51 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 9.41 -0.07 -3.26 | 9.48 -0.09 -2.69 | 9.08 -0.08 -2.32 | 8.39 -0.09 -2.26 | 7.98 -0.05 -2.10 | 8.28 -0.11 -2.02 | 11.39 -0.22 -0.99 | 13.10 -0.45 -0.97 | 16.61 -0.87 -0.40 | 19.58 -0.92 -0.98 | 19.14 -0.91 -0.99 | 19.16 -0.92 -0.93 | 17.28 -0.80 -1.09 | 16.09 -0.78 -1.02 | 15.62 -0.86 -0.78 | 15.95 -0.87 -1.00 | 16.18 -0.87 -1.27 | 17.26 -0.86 -1.56 | 16.74 -0.85 -1.77 | 17.97 -0.91 -1.79 | 21.20 -1.08 -1.57 | 19.12 -0.96 -0.56 | 15.67 -0.70 -0.47 | 13.49 -0.28 -1.51 |
| EMPIRE_CC_1 323656 | 31.75 0.36 -25.15 | 28.05 0.40 -20.76 | 25.16 0.39 -17.93 | 24.01 0.35 -17.43 | 22.48 0.34 -16.21 | 22.37 0.36 -15.63 | 18.87 0.59 -7.66 | 20.80 0.69 -7.53 | 21.16 1.02 -3.06 | 28.28 1.17 -7.60 | 27.89 1.16 -7.67 | 27.47 1.15 -7.17 | 26.45 1.02 -8.44 | 24.68 0.95 -7.88 | 22.63 0.94 -5.99 | 24.51 0.95 -7.75 | 26.49 0.93 -9.78 | 29.63 0.99 -12.08 | 30.47 0.95 -13.70 | 31.96 1.04 -13.84 | 34.06 1.24 -12.11 | 25.00 1.17 -4.31 | 20.29 0.94 -3.46 | 24.60 0.65 -11.69 |
| EMPIRE_CC_2 323658 | 31.75 0.36 -25.15 | 28.05 0.40 -20.76 | 25.16 0.39 -17.93 | 24.01 0.35 -17.43 | 22.48 0.34 -16.21 | 22.37 0.36 -15.63 | 18.87 0.59 -7.66 | 20.80 0.69 -7.53 | 21.16 1.02 -3.06 | 28.28 1.17 -7.60 | 27.89 1.16 -7.67 | 27.47 1.15 -7.17 | 26.45 1.02 -8.44 | 24.68 0.95 -7.88 | 22.63 0.94 -5.99 | 24.51 0.95 -7.75 | 26.49 0.93 -9.78 | 29.63 0.99 -12.08 | 30.47 0.95 -13.70 | 31.96 1.04 -13.84 | 34.06 1.24 -12.11 | 25.00 1.17 -4.31 | 20.29 0.94 -3.46 | 24.60 0.65 -11.69 |
| ERIE_WT_PWR 323693 | 9.51 -0.04 -3.32 | 9.58 -0.05 -2.74 | 9.16 -0.04 -2.37 | 8.47 -0.05 -2.30 | 8.05 -0.02 -2.14 | 8.36 -0.08 -2.06 | 11.47 -0.16 -1.01 | 13.21 -0.37 -0.99 | 16.73 -0.75 -0.40 | 19.75 -0.76 -1.00 | 19.29 -0.78 -1.01 | 19.31 -0.79 -0.95 | 17.44 -0.66 -1.11 | 16.22 -0.66 -1.04 | 15.76 -0.74 -0.79 | 16.08 -0.76 -1.02 | 16.33 -0.74 -1.29 | 17.42 -0.73 -1.59 | 16.89 -0.74 -1.81 | 18.14 -0.77 -1.83 | 21.40 -0.91 -1.60 | 19.27 -0.82 -0.57 | 15.79 -0.59 -0.48 | 13.59 -0.21 -1.54 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 10.21 0.12 -3.86 | 10.17 0.10 -3.18 | 9.69 0.10 -2.75 | 8.97 0.08 -2.67 | 8.51 0.09 -2.49 | 8.84 0.07 -2.40 | 11.93 0.14 -1.17 | 13.92 0.19 -1.15 | 17.84 0.29 -0.47 | 21.06 0.39 -1.16 | 20.60 0.36 -1.18 | 20.62 0.36 -1.10 | 18.57 0.29 -1.29 | 17.29 0.24 -1.21 | 16.84 0.22 -0.92 | 17.24 0.24 -1.19 | 17.50 0.22 -1.50 | 18.66 0.25 -1.85 | 18.16 0.24 -2.10 | 19.49 0.29 -2.12 | 22.96 0.39 -1.86 | 20.55 0.37 -0.66 | 16.70 0.24 -0.56 | 14.24 0.18 -1.79 |
| E_CANADA_CAP_HY 24051 | 39.37 0.21 -32.93 | 34.29 0.22 -27.18 | 30.51 0.20 -23.47 | 29.21 0.17 -22.82 | 27.31 0.16 -21.22 | 27.00 0.17 -20.46 | 21.03 0.38 -10.02 | 22.93 0.49 -9.86 | 21.90 0.82 -4.00 | 30.45 0.99 -9.95 | 29.93 0.82 -10.05 | 29.33 0.79 -9.40 | 28.72 0.68 -11.05 | 26.77 0.60 -10.33 | 24.13 0.58 -7.84 | 26.55 0.59 -10.15 | 29.17 0.58 -12.81 | 33.04 0.66 -15.82 | 34.43 0.66 -17.94 | 35.89 0.68 -18.13 | 37.40 0.83 -15.86 | 25.97 0.80 -5.65 | 21.42 0.73 -4.80 | 28.05 0.49 -15.29 |
| E_CANADA_MHWK_HY 24050 | 6.05 0.30 0.48 | 6.82 0.33 0.40 | 6.83 0.33 0.34 | 6.19 0.30 0.33 | 5.90 0.28 0.31 | 6.38 0.31 0.30 | 10.99 0.52 0.15 | 13.05 0.62 0.14 | 17.89 0.87 0.06 | 20.38 1.01 0.15 | 19.83 0.91 0.15 | 19.93 0.92 0.14 | 17.64 0.82 0.16 | 16.44 0.74 0.15 | 16.31 0.72 0.11 | 16.41 0.74 0.15 | 16.32 0.73 0.19 | 17.09 0.76 0.23 | 16.25 0.70 0.26 | 17.55 0.73 0.27 | 21.33 0.85 0.23 | 20.28 0.84 0.08 | 16.48 0.65 0.07 | 12.52 0.48 0.22 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| E_FISHKILL___LBMP 23776 | 27.37 0.61 -20.53 | 24.51 0.68 -16.95 | 22.14 0.67 -14.63 | 21.06 0.62 -14.23 | 19.74 0.58 -13.23 | 19.74 0.61 -12.76 | 17.94 1.07 -6.25 | 19.98 1.26 -6.14 | 21.40 1.83 -2.49 | 27.81 2.11 -6.20 | 27.38 2.06 -6.26 | 27.09 2.09 -5.85 | 25.72 1.85 -6.88 | 24.00 1.73 -6.43 | 22.27 1.68 -4.88 | 23.84 1.71 -6.32 | 25.46 1.70 -7.98 | 28.21 1.80 -9.85 | 28.69 1.69 -11.17 | 30.22 1.85 -11.29 | 32.84 2.26 -9.88 | 25.15 2.11 -3.52 | 24.12 1.70 -6.52 | 23.04 1.25 -9.53 |
| FAR ROCKAWAY___4 23548 | 42.57 0.93 -35.41 | 38.61 1.03 -30.70 | 38.07 1.02 -30.22 | 37.63 0.93 -30.47 | 37.28 0.88 -30.47 | 35.61 0.93 -28.31 | 37.10 1.54 -24.94 | 37.84 1.82 -23.44 | 39.65 2.66 -19.90 | 43.67 3.08 -21.08 | 38.43 2.95 -16.42 | 38.48 2.99 -16.34 | 37.87 2.65 -18.23 | 36.63 2.47 -18.32 | 33.46 2.42 -15.34 | 33.63 2.43 -15.38 | 34.07 2.49 -15.79 | 34.72 2.61 -15.55 | 34.87 2.47 -16.58 | 35.48 2.68 -15.72 | 37.57 3.29 -13.57 | 34.52 3.04 -11.96 | 33.60 2.54 -15.16 | 31.61 1.90 -17.44 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 32.03 0.74 -25.06 | 28.37 0.82 -20.67 | 25.73 0.81 -18.08 | 20.90 0.74 -13.94 | 19.58 0.70 -12.95 | 19.61 0.74 -12.50 | 18.04 1.28 -6.13 | 21.15 1.52 -7.04 | 30.37 2.19 -11.10 | 33.21 2.52 -11.18 | 34.47 2.46 -12.95 | 34.09 2.49 -12.45 | 33.92 2.21 -14.73 | 34.28 2.06 -16.37 | 33.56 2.01 -15.84 | 33.13 2.04 -15.28 | 33.98 2.04 -16.17 | 33.92 2.15 -15.22 | 33.90 2.03 -16.06 | 33.91 2.19 -14.64 | 36.72 2.69 -13.32 | 31.08 2.52 -9.04 | 29.72 2.07 -11.75 | 27.26 1.53 -13.47 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 32.03 0.74 -25.06 | 28.36 0.81 -20.67 | 25.72 0.81 -18.08 | 20.90 0.73 -13.94 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.03 1.27 -6.13 | 21.13 1.51 -7.04 | 30.35 2.17 -11.10 | 33.19 2.50 -11.18 | 34.45 2.44 -12.95 | 34.08 2.47 -12.45 | 33.91 2.19 -14.73 | 34.26 2.04 -16.37 | 33.54 1.99 -15.84 | 33.12 2.02 -15.28 | 33.98 2.04 -16.17 | 33.91 2.14 -15.22 | 33.89 2.01 -16.06 | 33.91 2.19 -14.64 | 36.70 2.67 -13.32 | 31.08 2.52 -9.04 | 29.72 2.07 -11.75 | 27.26 1.53 -13.47 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 32.02 0.73 -25.06 | 28.36 0.81 -20.67 | 25.72 0.81 -18.08 | 20.90 0.73 -13.94 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.03 1.27 -6.13 | 21.13 1.51 -7.04 | 30.33 2.15 -11.10 | 33.19 2.50 -11.18 | 34.45 2.44 -12.95 | 34.08 2.47 -12.45 | 33.89 2.17 -14.73 | 34.25 2.03 -16.37 | 33.54 1.99 -15.84 | 33.10 2.01 -15.28 | 33.97 2.02 -16.17 | 33.89 2.12 -15.22 | 33.87 1.99 -16.06 | 33.89 2.17 -14.64 | 36.68 2.65 -13.32 | 31.06 2.50 -9.04 | 29.70 2.05 -11.75 | 27.25 1.52 -13.47 |
| FARRAGUT___LBMP 323566 | 32.02 0.72 -25.06 | 28.36 0.81 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.33 2.15 -11.10 | 33.17 2.48 -11.18 | 34.43 2.42 -12.95 | 34.06 2.45 -12.45 | 33.89 2.17 -14.73 | 34.23 2.01 -16.37 | 33.53 1.98 -15.84 | 33.09 1.99 -15.28 | 33.95 2.00 -16.17 | 33.87 2.10 -15.22 | 33.87 1.99 -16.06 | 33.87 2.15 -14.64 | 36.68 2.65 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.24 1.51 -13.47 |
| FENNER___WINDPWR 24204 | 7.50 0.09 -1.17 | 7.94 0.09 -0.97 | 7.76 0.09 -0.84 | 7.11 0.07 -0.81 | 6.76 0.07 -0.76 | 7.16 0.06 -0.73 | 11.10 0.13 -0.36 | 13.10 0.16 -0.35 | 17.50 0.27 -0.14 | 20.21 0.35 -0.35 | 19.74 0.32 -0.36 | 19.81 0.33 -0.33 | 17.64 0.26 -0.39 | 16.44 0.22 -0.37 | 16.19 0.20 -0.28 | 16.38 0.21 -0.36 | 16.43 0.19 -0.46 | 17.35 0.23 -0.56 | 16.67 0.21 -0.64 | 17.98 0.26 -0.65 | 21.60 0.33 -0.56 | 20.03 0.31 -0.20 | 16.29 0.22 -0.17 | 12.97 0.16 -0.54 |
| FIBERTEK___ENERGY 23856 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| FITZPATRICK____ 23598 | 7.31 -0.14 -1.21 | 7.73 -0.16 -1.00 | 7.54 -0.16 -0.86 | 6.92 -0.14 -0.84 | 6.57 -0.14 -0.78 | 6.97 -0.15 -0.75 | 10.73 -0.25 -0.37 | 12.64 -0.30 -0.36 | 16.82 -0.41 -0.15 | 19.43 -0.45 -0.37 | 18.99 -0.44 -0.37 | 19.06 -0.44 -0.35 | 16.99 -0.41 -0.41 | 15.83 -0.40 -0.38 | 15.60 -0.39 -0.29 | 15.79 -0.39 -0.37 | 15.84 -0.41 -0.47 | 16.72 -0.41 -0.58 | 16.09 -0.39 -0.66 | 17.34 -0.41 -0.67 | 20.82 -0.48 -0.58 | 19.28 -0.45 -0.21 | 15.71 -0.36 -0.18 | 12.56 -0.27 -0.56 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 27.78 0.67 -20.88 | 24.86 0.74 -17.24 | 22.46 0.74 -14.88 | 21.36 0.67 -14.47 | 20.01 0.63 -13.45 | 20.02 0.68 -12.97 | 18.13 1.16 -6.36 | 20.15 1.32 -6.25 | 21.62 2.00 -2.54 | 28.16 2.36 -6.29 | 27.68 2.27 -6.35 | 27.39 2.30 -5.94 | 26.01 2.04 -6.99 | 24.28 1.90 -6.53 | 22.53 1.87 -4.96 | 24.16 1.93 -6.42 | 25.79 1.94 -8.07 | 28.50 1.97 -9.98 | 29.02 1.88 -11.31 | 30.56 2.05 -11.43 | 33.19 2.48 -10.00 | 25.42 2.34 -3.56 | 24.16 1.87 -6.39 | 23.28 1.37 -9.65 |
| FORT ORANGE____ 23900 | 32.35 0.42 -25.70 | 28.55 0.45 -21.21 | 25.60 0.45 -18.32 | 24.43 0.40 -17.81 | 22.87 0.39 -16.56 | 22.75 0.41 -15.97 | 18.99 0.55 -7.82 | 20.89 0.62 -7.69 | 21.16 0.96 -3.12 | 28.39 1.11 -7.77 | 27.99 1.09 -7.84 | 27.58 1.09 -7.33 | 26.58 0.97 -8.63 | 24.81 0.90 -8.06 | 22.70 0.88 -6.12 | 24.62 0.88 -7.92 | 26.65 0.88 -9.99 | 29.84 0.94 -12.34 | 30.72 0.90 -14.00 | 32.20 0.97 -14.14 | 34.26 1.18 -12.37 | 25.04 1.11 -4.40 | 20.89 0.89 -4.11 | 24.82 0.61 -11.94 |
| FORT_DRUM_COGEN 23780 | 6.74 -0.21 -0.72 | 7.23 -0.25 -0.60 | 7.10 -0.25 -0.51 | 6.49 -0.23 -0.50 | 6.15 -0.24 -0.47 | 6.58 -0.24 -0.45 | 10.45 -0.39 -0.22 | 12.36 -0.44 -0.22 | 16.62 -0.55 -0.09 | 19.14 -0.58 -0.22 | 18.67 -0.61 -0.22 | 18.74 -0.61 -0.21 | 16.62 -0.61 -0.24 | 15.49 -0.59 -0.23 | 15.30 -0.58 -0.17 | 15.48 -0.55 -0.22 | 15.49 -0.57 -0.28 | 16.31 -0.60 -0.35 | 15.63 -0.59 -0.39 | 16.85 -0.63 -0.40 | 20.35 -0.70 -0.35 | 19.04 -0.61 -0.12 | 15.44 -0.56 -0.11 | 12.16 -0.44 -0.34 |
| FPL_FAR_ROCK_GT1 24212 | 42.57 0.93 -35.41 | 38.61 1.03 -30.70 | 38.07 1.02 -30.22 | 37.63 0.93 -30.47 | 37.28 0.88 -30.47 | 35.61 0.93 -28.31 | 37.10 1.54 -24.94 | 37.84 1.82 -23.44 | 39.65 2.66 -19.90 | 43.67 3.08 -21.08 | 38.43 2.95 -16.42 | 38.48 2.99 -16.34 | 37.87 2.65 -18.23 | 36.63 2.47 -18.32 | 33.46 2.42 -15.34 | 33.63 2.43 -15.38 | 34.07 2.49 -15.79 | 34.72 2.61 -15.55 | 34.87 2.47 -16.58 | 35.48 2.68 -15.72 | 37.57 3.29 -13.57 | 34.52 3.04 -11.96 | 33.60 2.54 -15.16 | 31.61 1.90 -17.44 |
| FPL_FAR_ROCK_GT2 23815 | 42.57 0.93 -35.41 | 38.61 1.03 -30.70 | 38.07 1.02 -30.22 | 37.63 0.93 -30.47 | 37.28 0.88 -30.47 | 35.61 0.93 -28.31 | 37.10 1.54 -24.94 | 37.84 1.82 -23.44 | 39.65 2.66 -19.90 | 43.67 3.08 -21.08 | 38.43 2.95 -16.42 | 38.48 2.99 -16.34 | 37.87 2.65 -18.23 | 36.63 2.47 -18.32 | 33.46 2.42 -15.34 | 33.63 2.43 -15.38 | 34.07 2.49 -15.79 | 34.72 2.61 -15.55 | 34.87 2.47 -16.58 | 35.48 2.68 -15.72 | 37.57 3.29 -13.57 | 34.52 3.04 -11.96 | 33.60 2.54 -15.16 | 31.61 1.90 -17.44 |
| FRANKLIN_FALL_HYD 24054 | 5.91 -0.32 0.00 | 6.56 -0.32 0.00 | 6.51 -0.32 0.00 | 5.93 -0.29 0.00 | 5.63 -0.30 0.00 | 6.11 -0.26 0.00 | 10.15 -0.47 0.00 | 12.12 -0.47 0.00 | 16.26 -0.82 0.00 | 18.42 -1.09 0.00 | 18.03 -1.03 0.00 | 18.12 -1.03 0.00 | 16.05 -0.93 0.00 | 15.04 -0.81 0.00 | 15.00 -0.71 0.00 | 15.05 -0.76 0.00 | 15.07 -0.71 0.00 | 15.74 -0.81 0.00 | 15.08 -0.74 0.00 | 16.21 -0.87 0.00 | 19.61 -1.10 0.00 | 18.47 -1.05 0.00 | 14.94 -0.95 0.00 | 11.60 -0.66 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FREEPORT_EQUS_GT1 23764 | 33.11 0.88 -26.00 | 29.87 0.97 -22.01 | 28.26 0.96 -20.46 | 27.34 0.88 -20.24 | 27.09 0.84 -20.32 | 26.47 0.89 -19.21 | 27.46 1.49 -15.35 | 28.86 1.75 -14.53 | 30.93 2.56 -11.29 | 35.00 2.96 -12.53 | 33.85 2.84 -11.95 | 34.07 2.87 -12.04 | 32.89 2.55 -13.35 | 32.10 2.36 -13.90 | 29.44 2.31 -11.42 | 29.42 2.34 -11.27 | 29.83 2.40 -11.66 | 31.08 2.53 -11.99 | 31.37 2.37 -13.17 | 32.55 2.58 -12.89 | 35.29 3.17 -11.41 | 31.28 2.91 -8.85 | 29.02 2.43 -10.69 | 26.98 1.83 -12.89 |
| FREEPORT___CT2 23818 | 33.11 0.88 -26.00 | 29.87 0.97 -22.01 | 28.26 0.96 -20.46 | 27.34 0.88 -20.24 | 27.09 0.84 -20.32 | 26.47 0.89 -19.21 | 27.46 1.49 -15.35 | 28.86 1.75 -14.53 | 30.93 2.56 -11.29 | 35.00 2.96 -12.53 | 33.85 2.84 -11.95 | 34.07 2.87 -12.04 | 32.89 2.55 -13.35 | 32.10 2.36 -13.90 | 29.44 2.31 -11.42 | 29.42 2.34 -11.27 | 29.83 2.40 -11.66 | 31.08 2.53 -11.99 | 31.37 2.37 -13.17 | 32.55 2.58 -12.89 | 35.29 3.17 -11.41 | 31.28 2.91 -8.85 | 29.02 2.43 -10.69 | 26.98 1.83 -12.89 |
| FULTON COGEN____ 23766 | 7.70 -0.06 -1.53 | 8.06 -0.08 -1.26 | 7.84 -0.08 -1.09 | 7.20 -0.08 -1.06 | 6.84 -0.07 -0.98 | 7.23 -0.10 -0.95 | 10.94 -0.15 -0.47 | 12.89 -0.15 -0.46 | 17.08 -0.19 -0.19 | 19.77 -0.20 -0.46 | 19.33 -0.19 -0.47 | 19.40 -0.19 -0.44 | 17.31 -0.19 -0.51 | 16.12 -0.21 -0.48 | 15.87 -0.20 -0.36 | 16.08 -0.21 -0.47 | 16.15 -0.22 -0.59 | 17.07 -0.22 -0.73 | 16.45 -0.21 -0.83 | 17.73 -0.19 -0.84 | 21.24 -0.21 -0.74 | 19.61 -0.18 -0.26 | 15.94 -0.17 -0.22 | 12.84 -0.13 -0.71 |
| FULTON___LFGE 323630 | 38.00 0.50 -31.26 | 33.23 0.54 -25.81 | 29.63 0.51 -22.29 | 28.32 0.43 -21.67 | 26.49 0.42 -20.14 | 26.23 0.43 -19.43 | 21.06 0.92 -9.52 | 23.08 1.14 -9.36 | 22.62 1.74 -3.80 | 31.05 2.09 -9.45 | 30.56 1.96 -9.54 | 30.01 1.93 -8.92 | 29.20 1.72 -10.50 | 27.19 1.54 -9.80 | 24.64 1.49 -7.44 | 26.95 1.50 -9.64 | 29.42 1.48 -12.16 | 33.23 1.66 -15.02 | 34.52 1.66 -17.03 | 35.98 1.69 -17.21 | 37.82 2.05 -15.06 | 26.85 1.97 -5.36 | 22.12 1.67 -4.55 | 27.96 1.18 -14.52 |
| G.F.CEMENT___DRP 24184 | 34.01 0.43 -27.35 | 29.93 0.47 -22.58 | 26.78 0.45 -19.50 | 25.57 0.40 -18.96 | 23.94 0.39 -17.62 | 23.78 0.41 -17.00 | 19.78 0.84 -8.33 | 21.79 1.02 -8.19 | 21.92 1.52 -3.32 | 29.51 1.78 -8.22 | 29.10 1.73 -8.30 | 28.49 1.57 -7.76 | 27.50 1.38 -9.13 | 25.63 1.25 -8.53 | 23.41 1.23 -6.48 | 25.42 1.22 -8.39 | 27.56 1.20 -10.58 | 30.93 1.31 -13.07 | 32.05 1.41 -14.82 | 33.56 1.50 -14.98 | 35.61 1.80 -13.10 | 25.86 1.68 -4.66 | 21.31 1.30 -4.11 | 25.88 0.91 -12.70 |
| GARDENVILLE___LBMP 24039 | 9.47 -0.06 -3.30 | 9.53 -0.08 -2.72 | 9.13 -0.06 -2.35 | 8.44 -0.07 -2.29 | 8.02 -0.04 -2.13 | 8.33 -0.10 -2.05 | 11.42 -0.20 -1.00 | 13.15 -0.41 -0.99 | 16.66 -0.82 -0.40 | 19.65 -0.86 -1.00 | 19.21 -0.86 -1.01 | 19.23 -0.86 -0.94 | 17.36 -0.73 -1.11 | 16.15 -0.73 -1.03 | 15.67 -0.82 -0.78 | 16.01 -0.82 -1.02 | 16.24 -0.82 -1.28 | 17.33 -0.81 -1.58 | 16.81 -0.81 -1.80 | 18.06 -0.84 -1.82 | 21.30 -0.99 -1.59 | 19.19 -0.90 -0.57 | 15.72 -0.65 -0.48 | 13.54 -0.26 -1.53 |
| GENERAL___MILLS 23808 | 9.51 -0.04 -3.32 | 9.57 -0.06 -2.74 | 9.15 -0.05 -2.37 | 8.46 -0.06 -2.30 | 8.05 -0.02 -2.14 | 8.35 -0.08 -2.06 | 11.46 -0.17 -1.01 | 13.20 -0.38 -0.99 | 16.73 -0.75 -0.40 | 19.73 -0.78 -1.00 | 19.29 -0.78 -1.01 | 19.29 -0.80 -0.95 | 17.42 -0.68 -1.11 | 16.21 -0.68 -1.04 | 15.74 -0.75 -0.79 | 16.06 -0.77 -1.02 | 16.31 -0.76 -1.29 | 17.40 -0.74 -1.59 | 16.89 -0.74 -1.81 | 18.12 -0.79 -1.83 | 21.38 -0.93 -1.60 | 19.25 -0.84 -0.57 | 15.77 -0.60 -0.48 | 13.58 -0.22 -1.54 |
| GE_PLASTICS___DRP 24183 | 32.37 0.35 -25.79 | 28.56 0.39 -21.29 | 25.60 0.38 -18.38 | 24.44 0.35 -17.87 | 22.88 0.33 -16.61 | 22.75 0.35 -16.02 | 18.97 0.50 -7.85 | 20.87 0.57 -7.72 | 21.07 0.85 -3.13 | 28.30 0.99 -7.79 | 27.90 0.97 -7.87 | 27.49 0.98 -7.36 | 26.51 0.87 -8.66 | 24.74 0.81 -8.09 | 22.65 0.80 -6.14 | 24.57 0.81 -7.95 | 26.61 0.80 -10.02 | 29.78 0.84 -12.39 | 30.67 0.81 -14.04 | 32.14 0.87 -14.19 | 34.18 1.06 -12.41 | 24.94 1.00 -4.42 | 20.60 0.81 -3.89 | 24.81 0.56 -11.98 |
| GILBOA___1 23756 | 26.40 0.33 -19.84 | 23.63 0.36 -16.38 | 21.34 0.36 -14.14 | 20.30 0.33 -13.75 | 19.03 0.31 -12.78 | 19.03 0.33 -12.33 | 17.22 0.56 -6.04 | 19.17 0.65 -5.94 | 20.45 0.96 -2.41 | 26.59 1.09 -5.99 | 26.18 1.07 -6.05 | 25.90 1.09 -5.66 | 24.61 0.97 -6.66 | 22.95 0.89 -6.22 | 21.31 0.88 -4.72 | 22.81 0.88 -6.11 | 24.37 0.88 -7.71 | 27.01 0.93 -9.53 | 27.50 0.87 -10.80 | 28.95 0.96 -10.92 | 31.42 1.16 -9.55 | 24.01 1.09 -3.40 | 18.98 0.91 -2.18 | 22.14 0.66 -9.21 |
| GILBOA___2 23757 | 26.40 0.33 -19.84 | 23.63 0.36 -16.38 | 21.34 0.36 -14.14 | 20.30 0.33 -13.75 | 19.03 0.31 -12.78 | 19.03 0.33 -12.33 | 17.22 0.56 -6.04 | 19.17 0.65 -5.94 | 20.45 0.96 -2.41 | 26.59 1.09 -5.99 | 26.18 1.07 -6.05 | 25.90 1.09 -5.66 | 24.61 0.97 -6.66 | 22.95 0.89 -6.22 | 21.31 0.88 -4.72 | 22.81 0.88 -6.11 | 24.37 0.88 -7.71 | 27.01 0.93 -9.53 | 27.50 0.87 -10.80 | 28.95 0.96 -10.92 | 31.42 1.16 -9.55 | 24.01 1.09 -3.40 | 18.98 0.91 -2.18 | 22.14 0.66 -9.21 |
| GILBOA___3 23758 | 26.40 0.33 -19.84 | 23.63 0.36 -16.38 | 21.34 0.36 -14.14 | 20.30 0.33 -13.75 | 19.03 0.31 -12.78 | 19.03 0.33 -12.33 | 17.22 0.56 -6.04 | 19.17 0.65 -5.94 | 20.45 0.96 -2.41 | 26.59 1.09 -5.99 | 26.18 1.07 -6.05 | 25.90 1.09 -5.66 | 24.61 0.97 -6.66 | 22.95 0.89 -6.22 | 21.31 0.88 -4.72 | 22.81 0.88 -6.11 | 24.37 0.88 -7.71 | 27.01 0.93 -9.53 | 27.50 0.87 -10.80 | 28.95 0.96 -10.92 | 31.42 1.16 -9.55 | 24.01 1.09 -3.40 | 18.98 0.91 -2.18 | 22.14 0.66 -9.21 |
| GILBOA___4 23759 | 26.40 0.33 -19.84 | 23.63 0.36 -16.38 | 21.34 0.36 -14.14 | 20.30 0.33 -13.75 | 19.03 0.31 -12.78 | 19.03 0.33 -12.33 | 17.22 0.56 -6.04 | 19.17 0.65 -5.94 | 20.45 0.96 -2.41 | 26.59 1.09 -5.99 | 26.18 1.07 -6.05 | 25.90 1.09 -5.66 | 24.61 0.97 -6.66 | 22.95 0.89 -6.22 | 21.31 0.88 -4.72 | 22.81 0.88 -6.11 | 24.37 0.88 -7.71 | 27.01 0.93 -9.53 | 27.50 0.87 -10.80 | 28.95 0.96 -10.92 | 31.42 1.16 -9.55 | 24.01 1.09 -3.40 | 18.98 0.91 -2.18 | 22.14 0.66 -9.21 |
| GILBOA____ 23599 | 26.40 0.33 -19.84 | 23.63 0.36 -16.38 | 21.34 0.36 -14.14 | 20.30 0.33 -13.75 | 19.03 0.31 -12.78 | 19.03 0.33 -12.33 | 17.22 0.56 -6.04 | 19.17 0.65 -5.94 | 20.45 0.96 -2.41 | 26.59 1.09 -5.99 | 26.18 1.07 -6.05 | 25.90 1.09 -5.66 | 24.61 0.97 -6.66 | 22.95 0.89 -6.22 | 21.31 0.88 -4.72 | 22.81 0.88 -6.11 | 24.37 0.88 -7.71 | 27.01 0.93 -9.53 | 27.50 0.87 -10.80 | 28.95 0.96 -10.92 | 31.42 1.16 -9.55 | 24.01 1.09 -3.40 | 18.98 0.91 -2.18 | 22.14 0.66 -9.21 |
| GINNA____ 23603 | 8.14 -0.41 -2.32 | 8.34 -0.46 -1.91 | 8.03 -0.45 -1.65 | 7.40 -0.42 -1.60 | 7.03 -0.40 -1.49 | 7.36 -0.45 -1.44 | 10.57 -0.75 -0.70 | 12.34 -0.93 -0.69 | 16.01 -1.35 -0.28 | 18.71 -1.50 -0.70 | 18.32 -1.45 -0.71 | 18.32 -1.49 -0.66 | 16.42 -1.34 -0.78 | 15.27 -1.30 -0.73 | 14.99 -1.27 -0.55 | 15.25 -1.28 -0.71 | 15.35 -1.33 -0.90 | 16.34 -1.33 -1.11 | 15.80 -1.28 -1.26 | 17.02 -1.33 -1.27 | 20.27 -1.55 -1.11 | 18.45 -1.46 -0.40 | 15.01 -1.22 -0.34 | 12.47 -0.87 -1.07 |
| GLEN PARK____ 23778 | 6.81 -0.19 -0.77 | 7.29 -0.23 -0.64 | 7.16 -0.23 -0.55 | 6.54 -0.22 -0.53 | 6.20 -0.23 -0.50 | 6.62 -0.23 -0.48 | 10.49 -0.36 -0.23 | 12.41 -0.40 -0.23 | 16.70 -0.48 -0.09 | 19.25 -0.49 -0.23 | 18.76 -0.53 -0.24 | 18.84 -0.54 -0.22 | 16.72 -0.53 -0.26 | 15.57 -0.52 -0.24 | 15.36 -0.53 -0.18 | 15.56 -0.49 -0.24 | 15.56 -0.52 -0.30 | 16.38 -0.55 -0.37 | 15.72 -0.52 -0.42 | 16.94 -0.56 -0.42 | 20.46 -0.62 -0.37 | 19.13 -0.53 -0.13 | 15.52 -0.49 -0.11 | 12.22 -0.40 -0.36 |

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|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 31.10 0.78 -24.09 | 28.02 0.87 -20.27 | 26.39 0.86 -18.69 | 25.38 0.78 -18.38 | 25.00 0.74 -18.33 | 24.57 0.78 -17.41 | 25.14 1.33 -13.20 | 26.69 1.59 -12.53 | 28.67 2.30 -9.28 | 33.02 2.67 -10.84 | 32.45 2.59 -10.80 | 32.66 2.62 -10.89 | 31.37 2.31 -12.08 | 30.61 2.15 -12.61 | 28.09 2.11 -10.28 | 28.17 2.13 -10.22 | 28.71 2.16 -10.77 | 30.07 2.27 -11.25 | 30.42 2.14 -12.46 | 31.71 2.32 -12.30 | 34.53 2.84 -10.98 | 30.12 2.65 -7.95 | 27.77 2.19 -9.68 | 25.86 1.63 -11.97 |
| GLENWOOD_IC_2_G1 23688 | 26.99 0.74 -20.02 | 24.31 0.83 -16.60 | 24.38 0.82 -16.73 | 23.29 0.75 -16.32 | 21.21 0.71 -14.58 | 20.99 0.75 -13.87 | 18.49 1.27 -6.59 | 20.48 1.51 -6.39 | 21.86 2.20 -2.58 | 29.60 2.53 -7.56 | 27.62 2.46 -6.10 | 27.39 2.49 -5.75 | 25.89 2.21 -6.70 | 24.14 2.06 -6.24 | 22.32 2.01 -4.60 | 23.84 2.04 -5.98 | 26.24 2.07 -8.40 | 28.15 2.17 -9.42 | 28.60 2.04 -10.74 | 30.22 2.22 -10.92 | 33.55 2.71 -10.12 | 25.55 2.54 -3.49 | 24.53 2.08 -6.55 | 23.84 1.56 -10.02 |
| GLENWOOD_IC_3_G1 23689 | 26.99 0.74 -20.02 | 24.31 0.83 -16.60 | 24.38 0.82 -16.73 | 23.29 0.75 -16.32 | 21.21 0.71 -14.58 | 20.99 0.75 -13.87 | 18.49 1.27 -6.59 | 20.48 1.51 -6.39 | 21.86 2.20 -2.58 | 29.60 2.53 -7.56 | 27.62 2.46 -6.10 | 27.39 2.49 -5.75 | 25.89 2.21 -6.70 | 24.14 2.06 -6.24 | 22.32 2.01 -4.60 | 23.84 2.04 -5.98 | 26.24 2.07 -8.40 | 28.15 2.17 -9.42 | 28.60 2.04 -10.74 | 30.22 2.22 -10.92 | 33.55 2.71 -10.12 | 25.55 2.54 -3.49 | 24.53 2.08 -6.55 | 23.84 1.56 -10.02 |
| GLENWOOD___4 23550 | 31.10 0.78 -24.09 | 28.02 0.87 -20.27 | 26.39 0.86 -18.69 | 25.38 0.78 -18.38 | 25.00 0.74 -18.33 | 24.57 0.78 -17.41 | 25.14 1.33 -13.20 | 26.69 1.59 -12.53 | 28.67 2.30 -9.28 | 33.02 2.67 -10.84 | 32.45 2.59 -10.80 | 32.66 2.62 -10.89 | 31.37 2.31 -12.08 | 30.61 2.15 -12.61 | 28.09 2.11 -10.28 | 28.17 2.13 -10.22 | 28.71 2.16 -10.77 | 30.07 2.27 -11.25 | 30.42 2.14 -12.46 | 31.71 2.32 -12.30 | 34.53 2.84 -10.98 | 30.12 2.65 -7.95 | 27.77 2.19 -9.68 | 25.86 1.63 -11.97 |
| GLENWOOD___5 23614 | 31.10 0.78 -24.09 | 28.02 0.87 -20.27 | 26.39 0.86 -18.69 | 25.38 0.78 -18.38 | 25.00 0.74 -18.33 | 24.57 0.78 -17.41 | 25.14 1.33 -13.20 | 26.69 1.59 -12.53 | 28.67 2.30 -9.28 | 33.02 2.67 -10.84 | 32.45 2.59 -10.80 | 32.66 2.62 -10.89 | 31.37 2.31 -12.08 | 30.61 2.15 -12.61 | 28.09 2.11 -10.28 | 28.17 2.13 -10.22 | 28.71 2.16 -10.77 | 30.07 2.27 -11.25 | 30.42 2.14 -12.46 | 31.71 2.32 -12.30 | 34.53 2.84 -10.98 | 30.12 2.65 -7.95 | 27.77 2.19 -9.68 | 25.86 1.63 -11.97 |
| GLOBAL GREEN_PORT_GT1 23814 | 28.48 1.14 -21.10 | 25.65 1.26 -17.50 | 23.40 1.22 -15.34 | 22.20 1.11 -14.87 | 22.04 1.07 -15.04 | 21.99 1.14 -14.48 | 23.22 2.18 -10.43 | 24.89 2.36 -9.95 | 27.68 3.72 -6.88 | 31.85 4.27 -8.07 | 32.69 3.95 -9.69 | 33.08 4.04 -9.89 | 31.32 3.45 -10.89 | 30.76 3.22 -11.70 | 28.32 3.14 -9.47 | 28.14 3.13 -9.19 | 28.74 3.44 -9.52 | 30.48 3.78 -10.15 | 30.70 3.47 -11.41 | 32.21 3.71 -11.42 | 35.58 4.58 -10.29 | 30.75 3.92 -7.30 | 27.50 3.21 -8.39 | 25.29 2.50 -10.52 |
| GLOBE___DSASP 323697 | 9.05 -0.25 -3.07 | 9.14 -0.28 -2.54 | 8.75 -0.27 -2.19 | 8.09 -0.26 -2.13 | 7.70 -0.21 -1.98 | 7.99 -0.29 -1.91 | 11.01 -0.54 -0.93 | 12.61 -0.89 -0.92 | 15.90 -1.55 -0.37 | 18.70 -1.74 -0.93 | 18.28 -1.72 -0.94 | 18.30 -1.72 -0.88 | 16.54 -1.48 -1.03 | 15.38 -1.43 -0.96 | 14.96 -1.48 -0.73 | 15.26 -1.50 -0.95 | 15.49 -1.48 -1.19 | 16.52 -1.51 -1.48 | 16.02 -1.47 -1.67 | 17.20 -1.57 -1.69 | 20.30 -1.88 -1.48 | 18.35 -1.70 -0.53 | 15.09 -1.26 -0.45 | 13.03 -0.66 -1.42 |
| GOETHSLN___LBMP 323567 | 32.02 0.73 -25.06 | 28.35 0.80 -20.67 | 25.71 0.80 -18.08 | 20.89 0.73 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.31 2.13 -11.10 | 33.15 2.46 -11.18 | 34.39 2.38 -12.95 | 34.00 2.39 -12.45 | 33.84 2.12 -14.73 | 34.20 1.98 -16.37 | 33.50 1.95 -15.84 | 33.07 1.98 -15.28 | 33.92 1.97 -16.17 | 33.84 2.07 -15.22 | 33.84 1.96 -16.06 | 33.86 2.13 -14.64 | 36.64 2.61 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.25 1.52 -13.47 |
| GOODYEAR_LAKE_HYD 323669 | 12.40 0.30 -5.87 | 12.06 0.33 -4.85 | 11.35 0.33 -4.19 | 10.58 0.29 -4.07 | 9.99 0.27 -3.78 | 10.31 0.29 -3.65 | 12.94 0.53 -1.79 | 14.97 0.63 -1.76 | 18.75 0.96 -0.71 | 22.43 1.15 -1.78 | 21.92 1.07 -1.79 | 21.90 1.07 -1.68 | 19.88 0.92 -1.97 | 18.53 0.84 -1.84 | 17.91 0.80 -1.40 | 18.46 0.84 -1.81 | 18.88 0.82 -2.28 | 20.25 0.88 -2.82 | 19.86 0.84 -3.20 | 21.22 0.90 -3.23 | 24.66 1.12 -2.83 | 21.60 1.07 -1.01 | 17.77 0.86 -1.01 | 15.61 0.63 -2.73 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 13.01 0.17 -6.61 | 12.53 0.19 -5.46 | 11.73 0.18 -4.71 | 10.96 0.16 -4.58 | 10.35 0.16 -4.26 | 10.63 0.15 -4.11 | 12.89 0.25 -2.01 | 14.85 0.29 -1.98 | 18.26 0.38 -0.80 | 21.97 0.47 -2.00 | 21.51 0.44 -2.02 | 21.48 0.44 -1.88 | 19.60 0.39 -2.22 | 18.25 0.33 -2.07 | 17.59 0.31 -1.57 | 18.16 0.32 -2.04 | 18.66 0.32 -2.57 | 20.09 0.36 -3.17 | 19.75 0.33 -3.60 | 21.09 0.38 -3.64 | 24.37 0.48 -3.18 | 21.10 0.45 -1.13 | 17.35 0.35 -1.10 | 15.64 0.31 -3.07 |
| GOUDEY___7 23579 | 13.01 0.17 -6.61 | 12.53 0.19 -5.46 | 11.73 0.18 -4.71 | 10.96 0.16 -4.58 | 10.35 0.16 -4.26 | 10.63 0.15 -4.11 | 12.89 0.25 -2.01 | 14.85 0.29 -1.98 | 18.26 0.38 -0.80 | 21.97 0.47 -2.00 | 21.51 0.44 -2.02 | 21.48 0.44 -1.88 | 19.60 0.39 -2.22 | 18.25 0.33 -2.07 | 17.59 0.31 -1.57 | 18.16 0.32 -2.04 | 18.66 0.32 -2.57 | 20.09 0.36 -3.17 | 19.75 0.33 -3.60 | 21.09 0.38 -3.64 | 24.37 0.48 -3.18 | 21.10 0.45 -1.13 | 17.35 0.35 -1.10 | 15.64 0.31 -3.07 |
| GOUDEY___8 23580 | 13.01 0.17 -6.61 | 12.53 0.19 -5.46 | 11.73 0.18 -4.71 | 10.96 0.16 -4.58 | 10.35 0.16 -4.26 | 10.63 0.15 -4.11 | 12.89 0.25 -2.01 | 14.85 0.29 -1.98 | 18.26 0.38 -0.80 | 21.97 0.47 -2.00 | 21.51 0.44 -2.02 | 21.48 0.44 -1.88 | 19.60 0.39 -2.22 | 18.25 0.33 -2.07 | 17.59 0.31 -1.57 | 18.16 0.32 -2.04 | 18.66 0.32 -2.57 | 20.09 0.36 -3.17 | 19.75 0.33 -3.60 | 21.09 0.38 -3.64 | 24.37 0.48 -3.18 | 21.10 0.45 -1.13 | 17.35 0.35 -1.10 | 15.64 0.31 -3.07 |
| GOWANUS_GT1_1 24077 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_2 24078 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_3 24079 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_4 24080 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_5 24084 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_6 24111 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_7 24112 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT1_8 24113 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_1 24114 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_2 24115 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_3 24116 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_4 24117 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_5 24118 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_6 24119 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_7 24120 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT2_8 24121 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_1 24122 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_2 24123 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3 24124 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_4 24125 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_5 24126 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_6 24127 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_7 24128 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT3_8 24129 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_1 24130 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_2 24131 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_3 24132 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_4 24133 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_5 24134 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_6 24135 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_7 24136 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GOWANUS_GT4_8 24137 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GREENIDGE___3 23582 | 10.13 0.08 -3.83 | 10.11 0.06 -3.16 | 9.62 0.06 -2.73 | 8.92 0.04 -2.65 | 8.46 0.06 -2.47 | 8.78 0.03 -2.38 | 11.84 0.05 -1.16 | 13.78 0.05 -1.15 | 17.55 0.00 -0.46 | 20.74 0.08 -1.16 | 20.28 0.06 -1.17 | 20.28 0.04 -1.09 | 18.29 0.02 -1.28 | 17.01 -0.03 -1.20 | 16.55 -0.06 -0.91 | 16.93 -0.06 -1.18 | 17.20 -0.06 -1.49 | 18.38 -0.02 -1.84 | 17.87 -0.03 -2.08 | 19.20 0.02 -2.11 | 22.61 0.06 -1.84 | 20.22 0.04 -0.66 | 16.44 -0.02 -0.56 | 14.10 0.06 -1.78 |

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|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GREENIDGE___4 23583 | 10.13 0.08 -3.83 | 10.11 0.06 -3.16 | 9.62 0.06 -2.73 | 8.92 0.04 -2.65 | 8.46 0.06 -2.47 | 8.78 0.03 -2.38 | 11.84 0.05 -1.16 | 13.78 0.05 -1.15 | 17.55 0.00 -0.46 | 20.74 0.08 -1.16 | 20.28 0.06 -1.17 | 20.28 0.04 -1.09 | 18.29 0.02 -1.28 | 17.01 -0.03 -1.20 | 16.55 -0.06 -0.91 | 16.93 -0.06 -1.18 | 17.20 -0.06 -1.49 | 18.38 -0.02 -1.84 | 17.87 -0.03 -2.08 | 19.20 0.02 -2.11 | 22.61 0.06 -1.84 | 20.22 0.04 -0.66 | 16.44 -0.02 -0.56 | 14.10 0.06 -1.78 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| GROVEVILLE___HYD 323602 | 27.78 0.67 -20.88 | 24.86 0.74 -17.24 | 22.46 0.74 -14.88 | 21.36 0.67 -14.47 | 20.01 0.63 -13.45 | 20.02 0.68 -12.97 | 18.13 1.16 -6.36 | 20.15 1.32 -6.25 | 21.62 2.00 -2.54 | 28.16 2.36 -6.29 | 27.68 2.27 -6.35 | 27.39 2.30 -5.94 | 26.01 2.04 -6.99 | 24.28 1.90 -6.53 | 22.53 1.87 -4.96 | 24.16 1.93 -6.42 | 25.79 1.94 -8.07 | 28.50 1.97 -9.98 | 29.02 1.88 -11.31 | 30.56 2.05 -11.43 | 33.19 2.48 -10.00 | 25.42 2.34 -3.56 | 24.16 1.87 -6.39 | 23.28 1.37 -9.65 |
| HAMPSHIRE___PAPER_HYD 323593 | 5.86 -0.37 0.00 | 6.48 -0.41 0.00 | 6.43 -0.40 0.00 | 5.85 -0.37 0.00 | 5.56 -0.37 0.00 | 6.01 -0.36 0.00 | 9.98 -0.64 0.00 | 11.85 -0.73 0.00 | 15.94 -1.14 0.00 | 18.14 -1.37 0.00 | 17.67 -1.39 0.00 | 17.75 -1.40 0.00 | 15.71 -1.27 0.00 | 14.72 -1.12 0.00 | 14.62 -1.08 0.00 | 14.72 -1.09 0.00 | 14.69 -1.09 0.00 | 15.36 -1.19 0.00 | 14.73 -1.09 0.00 | 15.82 -1.26 0.00 | 19.20 -1.51 0.00 | 18.15 -1.37 0.00 | 14.81 -1.08 0.00 | 11.50 -0.76 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 5.99 0.24 0.48 | 6.76 0.27 0.40 | 6.77 0.27 0.34 | 6.13 0.25 0.33 | 5.85 0.23 0.31 | 6.33 0.26 0.30 | 10.91 0.44 0.15 | 12.95 0.52 0.14 | 17.76 0.73 0.06 | 20.22 0.86 0.15 | 19.69 0.78 0.15 | 19.80 0.79 0.14 | 17.51 0.68 0.16 | 16.33 0.63 0.15 | 16.20 0.61 0.11 | 16.28 0.62 0.15 | 16.19 0.60 0.19 | 16.95 0.63 0.23 | 16.13 0.57 0.26 | 17.40 0.58 0.27 | 21.14 0.66 0.23 | 20.08 0.64 0.08 | 16.30 0.48 0.07 | 12.38 0.34 0.22 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 25.76 0.64 -18.89 | 23.19 0.71 -15.59 | 21.01 0.70 -13.47 | 19.95 0.64 -13.09 | 18.70 0.60 -12.17 | 18.75 0.64 -11.74 | 17.47 1.10 -5.75 | 19.50 1.27 -5.65 | 21.22 1.85 -2.30 | 27.38 2.17 -5.70 | 26.93 2.12 -5.76 | 26.68 2.14 -5.38 | 25.21 1.89 -6.33 | 23.52 1.76 -5.92 | 21.93 1.73 -4.49 | 23.40 1.77 -5.82 | 24.91 1.78 -7.34 | 27.47 1.84 -9.07 | 27.85 1.74 -10.29 | 29.37 1.90 -10.40 | 32.12 2.32 -9.09 | 24.93 2.17 -3.24 | 23.55 1.76 -5.89 | 22.28 1.30 -8.71 |
| HARZA MOOSE___RIVER 24016 | 6.18 -0.06 0.00 | 6.82 -0.07 0.00 | 6.77 -0.06 0.00 | 6.16 -0.06 0.00 | 5.86 -0.07 0.00 | 6.30 -0.07 0.00 | 10.51 -0.11 0.00 | 12.47 -0.11 0.00 | 16.96 -0.12 0.00 | 19.39 -0.12 0.00 | 18.93 -0.13 0.00 | 19.02 -0.13 0.00 | 16.82 -0.17 0.00 | 15.69 -0.16 0.00 | 15.53 -0.17 0.00 | 15.65 -0.16 0.00 | 15.61 -0.17 0.00 | 16.39 -0.17 0.00 | 15.66 -0.16 0.00 | 16.89 -0.19 0.00 | 20.52 -0.19 0.00 | 19.36 -0.16 0.00 | 15.74 -0.16 0.00 | 12.13 -0.13 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.76 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.18 2.57 -12.10 | 35.75 2.52 -14.17 | 35.36 2.55 -13.66 | 35.41 2.26 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.62 2.25 -15.28 | 37.41 2.73 -13.97 | 32.14 2.58 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| HEMPSTEAD___ 23647 | 31.59 0.81 -24.54 | 28.46 0.89 -20.68 | 26.78 0.89 -19.05 | 25.79 0.81 -18.76 | 25.49 0.77 -18.78 | 25.01 0.82 -17.83 | 25.77 1.38 -13.77 | 27.27 1.63 -13.06 | 29.31 2.39 -9.83 | 33.50 2.77 -11.23 | 32.85 2.65 -11.14 | 33.10 2.70 -11.24 | 31.83 2.38 -12.46 | 31.09 2.22 -13.03 | 28.52 2.17 -10.65 | 28.55 2.20 -10.53 | 29.01 2.24 -10.99 | 30.33 2.35 -11.43 | 30.68 2.21 -12.64 | 31.94 2.41 -12.45 | 34.73 2.94 -11.08 | 30.49 2.73 -8.24 | 28.10 2.26 -9.95 | 26.14 1.69 -12.19 |
| HICKLING___1 23621 | 11.37 0.18 -4.96 | 11.15 0.18 -4.09 | 10.55 0.18 -3.53 | 9.81 0.16 -3.43 | 9.30 0.17 -3.19 | 9.58 0.13 -3.08 | 12.35 0.22 -1.51 | 14.28 0.21 -1.48 | 17.89 0.21 -0.60 | 21.30 0.29 -1.50 | 20.84 0.27 -1.51 | 20.81 0.25 -1.41 | 18.89 0.24 -1.66 | 17.57 0.17 -1.55 | 17.01 0.13 -1.18 | 17.47 0.13 -1.53 | 17.83 0.13 -1.93 | 19.12 0.18 -2.38 | 18.68 0.16 -2.70 | 20.01 0.21 -2.73 | 23.36 0.27 -2.39 | 20.61 0.24 -0.85 | 16.79 0.18 -0.72 | 14.83 0.27 -2.30 |
| HICKLING___2 23622 | 11.37 0.18 -4.96 | 11.15 0.18 -4.09 | 10.55 0.18 -3.53 | 9.81 0.16 -3.43 | 9.30 0.17 -3.19 | 9.58 0.13 -3.08 | 12.35 0.22 -1.51 | 14.28 0.21 -1.48 | 17.89 0.21 -0.60 | 21.30 0.29 -1.50 | 20.84 0.27 -1.51 | 20.81 0.25 -1.41 | 18.89 0.24 -1.66 | 17.57 0.17 -1.55 | 17.01 0.13 -1.18 | 17.47 0.13 -1.53 | 17.83 0.13 -1.93 | 19.12 0.18 -2.38 | 18.68 0.16 -2.70 | 20.01 0.21 -2.73 | 23.36 0.27 -2.39 | 20.61 0.24 -0.85 | 16.79 0.18 -0.72 | 14.83 0.27 -2.30 |
| HIGH FALLS___HY 23754 | 28.17 0.62 -21.32 | 25.17 0.69 -17.60 | 22.72 0.68 -15.20 | 21.61 0.62 -14.78 | 20.24 0.58 -13.74 | 20.25 0.62 -13.25 | 18.20 1.09 -6.49 | 20.16 1.20 -6.38 | 21.48 1.81 -2.59 | 28.09 2.15 -6.44 | 27.60 2.04 -6.50 | 27.32 2.09 -6.08 | 25.97 1.84 -7.15 | 24.25 1.73 -6.68 | 22.47 1.70 -5.07 | 24.15 1.77 -6.56 | 25.79 1.77 -8.24 | 28.51 1.77 -10.18 | 29.06 1.69 -11.55 | 30.59 1.85 -11.67 | 33.15 2.24 -10.21 | 25.26 2.11 -3.63 | 24.55 1.72 -6.93 | 23.34 1.24 -9.84 |
| HILLBURN___GT 23639 | 26.04 0.65 -19.15 | 23.42 0.72 -15.81 | 21.21 0.72 -13.65 | 20.15 0.65 -13.28 | 18.89 0.62 -12.34 | 18.93 0.66 -11.90 | 17.59 1.14 -5.83 | 19.65 1.33 -5.73 | 21.34 1.93 -2.33 | 27.53 2.24 -5.78 | 27.09 2.19 -5.84 | 26.83 2.22 -5.46 | 25.38 1.97 -6.42 | 23.67 1.82 -6.00 | 22.05 1.79 -4.56 | 23.53 1.82 -5.90 | 25.06 1.83 -7.45 | 27.67 1.92 -9.20 | 28.06 1.80 -10.43 | 29.59 1.96 -10.54 | 32.33 2.40 -9.22 | 25.05 2.24 -3.28 | 23.71 1.84 -5.97 | 22.45 1.36 -8.83 |
| HISHELDN_WT_PWR 323625 | 9.75 -0.03 -3.55 | 9.77 -0.05 -2.93 | 9.33 -0.04 -2.53 | 8.63 -0.05 -2.46 | 8.20 -0.02 -2.29 | 8.51 -0.07 -2.21 | 11.55 -0.15 -1.08 | 13.30 -0.34 -1.06 | 16.83 -0.68 -0.43 | 19.88 -0.70 -1.07 | 19.44 -0.70 -1.08 | 19.46 -0.71 -1.01 | 17.57 -0.61 -1.19 | 16.34 -0.62 -1.11 | 15.88 -0.67 -0.84 | 16.21 -0.70 -1.09 | 16.48 -0.68 -1.38 | 17.60 -0.66 -1.70 | 17.09 -0.66 -1.93 | 18.33 -0.70 -1.95 | 21.59 -0.83 -1.71 | 19.37 -0.76 -0.61 | 15.86 -0.56 -0.52 | 13.71 -0.20 -1.65 |
| HOLTSVILLE_IC_1 23690 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_10 23699 | 28.32 0.93 -21.16 | 25.48 1.04 -17.56 | 23.25 1.01 -15.41 | 22.08 0.93 -14.93 | 21.92 0.89 -15.10 | 21.86 0.95 -14.54 | 22.83 1.73 -10.48 | 24.50 1.91 -10.00 | 26.96 2.96 -6.93 | 31.01 3.38 -8.12 | 31.90 3.13 -9.71 | 32.26 3.20 -9.91 | 30.65 2.75 -10.91 | 30.14 2.57 -11.72 | 27.73 2.53 -9.50 | 27.56 2.53 -9.22 | 28.06 2.73 -9.55 | 29.69 2.96 -10.17 | 29.99 2.74 -11.43 | 31.48 2.96 -11.44 | 34.66 3.65 -10.30 | 30.03 3.18 -7.32 | 26.97 2.65 -8.42 | 24.85 2.04 -10.55 |
| HOLTSVILLE_IC_2 23691 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |
| HOLTSVILLE_IC_3 23692 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |
| HOLTSVILLE_IC_4 23693 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |
| HOLTSVILLE_IC_5 23694 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |
| HOLTSVILLE_IC_6 23695 | 28.32 0.93 -21.16 | 25.48 1.04 -17.56 | 23.25 1.01 -15.41 | 22.08 0.93 -14.93 | 21.92 0.89 -15.10 | 21.86 0.95 -14.54 | 22.83 1.73 -10.48 | 24.50 1.91 -10.00 | 26.96 2.96 -6.93 | 31.01 3.38 -8.12 | 31.90 3.13 -9.71 | 32.26 3.20 -9.91 | 30.65 2.75 -10.91 | 30.14 2.57 -11.72 | 27.73 2.53 -9.50 | 27.56 2.53 -9.22 | 28.06 2.73 -9.55 | 29.69 2.96 -10.17 | 29.99 2.74 -11.43 | 31.48 2.96 -11.44 | 34.66 3.65 -10.30 | 30.03 3.18 -7.32 | 26.97 2.65 -8.42 | 24.85 2.04 -10.55 |
| HOLTSVILLE_IC_7 23696 | 28.32 0.93 -21.16 | 25.48 1.04 -17.56 | 23.25 1.01 -15.41 | 22.08 0.93 -14.93 | 21.92 0.89 -15.10 | 21.86 0.95 -14.54 | 22.83 1.73 -10.48 | 24.50 1.91 -10.00 | 26.96 2.96 -6.93 | 31.01 3.38 -8.12 | 31.90 3.13 -9.71 | 32.26 3.20 -9.91 | 30.65 2.75 -10.91 | 30.14 2.57 -11.72 | 27.73 2.53 -9.50 | 27.56 2.53 -9.22 | 28.06 2.73 -9.55 | 29.69 2.96 -10.17 | 29.99 2.74 -11.43 | 31.48 2.96 -11.44 | 34.66 3.65 -10.30 | 30.03 3.18 -7.32 | 26.97 2.65 -8.42 | 24.85 2.04 -10.55 |
| HOLTSVILLE_IC_8 23697 | 28.32 0.93 -21.16 | 25.48 1.04 -17.56 | 23.25 1.01 -15.41 | 22.08 0.93 -14.93 | 21.92 0.89 -15.10 | 21.86 0.95 -14.54 | 22.83 1.73 -10.48 | 24.50 1.91 -10.00 | 26.96 2.96 -6.93 | 31.01 3.38 -8.12 | 31.90 3.13 -9.71 | 32.26 3.20 -9.91 | 30.65 2.75 -10.91 | 30.14 2.57 -11.72 | 27.73 2.53 -9.50 | 27.56 2.53 -9.22 | 28.06 2.73 -9.55 | 29.69 2.96 -10.17 | 29.99 2.74 -11.43 | 31.48 2.96 -11.44 | 34.66 3.65 -10.30 | 30.03 3.18 -7.32 | 26.97 2.65 -8.42 | 24.85 2.04 -10.55 |
| HOLTSVILLE_IC_9 23698 | 28.32 0.93 -21.16 | 25.48 1.04 -17.56 | 23.25 1.01 -15.41 | 22.08 0.93 -14.93 | 21.92 0.89 -15.10 | 21.86 0.95 -14.54 | 22.83 1.73 -10.48 | 24.50 1.91 -10.00 | 26.96 2.96 -6.93 | 31.01 3.38 -8.12 | 31.90 3.13 -9.71 | 32.26 3.20 -9.91 | 30.65 2.75 -10.91 | 30.14 2.57 -11.72 | 27.73 2.53 -9.50 | 27.56 2.53 -9.22 | 28.06 2.73 -9.55 | 29.69 2.96 -10.17 | 29.99 2.74 -11.43 | 31.48 2.96 -11.44 | 34.66 3.65 -10.30 | 30.03 3.18 -7.32 | 26.97 2.65 -8.42 | 24.85 2.04 -10.55 |
| HOWARD_WT_PWR 323690 | 10.57 0.16 -4.18 | 10.48 0.14 -3.45 | 9.96 0.14 -2.98 | 9.23 0.11 -2.90 | 8.76 0.14 -2.69 | 9.06 0.09 -2.60 | 12.06 0.17 -1.27 | 13.98 0.15 -1.25 | 17.67 0.09 -0.51 | 20.95 0.18 -1.26 | 20.49 0.15 -1.27 | 20.50 0.15 -1.19 | 18.51 0.12 -1.40 | 17.20 0.05 -1.31 | 16.69 -0.02 -0.99 | 17.08 -0.02 -1.29 | 17.39 -0.02 -1.62 | 18.61 0.05 -2.01 | 18.11 0.02 -2.28 | 19.40 0.02 -2.30 | 22.78 0.06 -2.01 | 20.30 0.06 -0.72 | 16.52 0.02 -0.61 | 14.35 0.15 -1.94 |
| HQ_GEN_CEDARS 23644 | 5.88 -0.35 0.00 | 6.51 -0.37 0.00 | 6.47 -0.36 0.00 | 5.89 -0.33 0.00 | 5.59 -0.34 0.00 | 6.07 -0.31 0.00 | 10.08 -0.54 0.00 | 11.98 -0.60 0.00 | 15.85 -1.23 0.00 | 17.99 -1.52 0.00 | 17.57 -1.49 0.00 | 17.66 -1.49 0.00 | 15.66 -1.33 0.00 | 14.78 -1.06 0.00 | 14.70 -1.01 0.00 | 14.79 -1.03 0.00 | 14.77 -1.01 0.00 | 15.38 -1.18 0.00 | 14.79 -1.03 0.00 | 15.78 -1.30 0.00 | 19.12 -1.59 0.00 | 18.04 -1.48 0.00 | 14.78 -1.11 0.00 | 11.59 -0.67 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 5.88 -0.35 0.00 | 6.51 -0.37 0.00 | 6.47 -0.36 0.00 | 5.89 -0.33 0.00 | 5.59 -0.34 0.00 | 6.07 -0.31 0.00 | 10.08 -0.54 0.00 | 11.98 -0.60 0.00 | 15.85 -1.23 0.00 | 17.99 -1.52 0.00 | 17.57 -1.49 0.00 | 17.66 -1.49 0.00 | 15.66 -1.33 0.00 | 14.78 -1.06 0.00 | 14.70 -1.01 0.00 | 14.79 -1.03 0.00 | 14.77 -1.01 0.00 | 15.38 -1.18 0.00 | 14.79 -1.03 0.00 | 15.78 -1.30 0.00 | 19.12 -1.59 0.00 | 18.04 -1.48 0.00 | 14.78 -1.11 0.00 | 11.59 -0.67 0.00 |
| HQ_GEN_IMPORT 323601 | 6.02 -0.21 0.00 | 6.66 -0.23 0.00 | 6.61 -0.23 0.00 | 6.02 -0.20 0.00 | 5.74 -0.20 0.00 | 6.18 -0.19 0.00 | 10.29 -0.33 0.00 | 12.20 -0.38 0.00 | 16.50 -0.58 0.00 | 17.50 -0.70 1.31 | 18.39 -0.67 0.00 | 18.07 -0.67 0.41 | 16.39 -0.60 0.00 | 15.32 -0.52 0.00 | 15.20 -0.50 0.00 | 15.29 -0.52 0.00 | 15.27 -0.51 0.00 | 16.01 -0.55 0.00 | 15.30 -0.52 0.00 | 16.50 -0.58 0.00 | 19.04 -0.73 0.94 | 16.50 -0.68 2.34 | 15.34 -0.56 0.00 | 11.86 -0.40 0.00 |
| HQ_GEN_WHEEL 23651 | 6.02 -0.21 0.00 | 6.66 -0.23 0.00 | 6.61 -0.23 0.00 | 6.02 -0.20 0.00 | 5.74 -0.20 0.00 | 6.18 -0.19 0.00 | 10.29 -0.33 0.00 | 12.20 -0.38 0.00 | 16.50 -0.58 0.00 | 17.50 -0.70 1.31 | 18.39 -0.67 0.00 | 18.07 -0.67 0.41 | 16.39 -0.60 0.00 | 15.32 -0.52 0.00 | 15.20 -0.50 0.00 | 15.29 -0.52 0.00 | 15.27 -0.51 0.00 | 16.01 -0.55 0.00 | 15.30 -0.52 0.00 | 16.50 -0.58 0.00 | 19.04 -0.73 0.94 | 16.50 -0.68 2.34 | 15.34 -0.56 0.00 | 11.86 -0.40 0.00 |
| HUDSON_AVE_GT_3 23810 | 32.03 0.74 -25.06 | 28.38 0.83 -20.67 | 25.73 0.81 -18.08 | 20.91 0.75 -13.94 | 19.58 0.70 -12.95 | 19.61 0.74 -12.50 | 18.04 1.28 -6.13 | 21.15 1.52 -7.04 | 30.37 2.19 -11.10 | 33.23 2.53 -11.18 | 34.48 2.48 -12.95 | 34.11 2.51 -12.45 | 33.94 2.22 -14.73 | 34.28 2.06 -16.37 | 33.58 2.03 -15.84 | 33.13 2.04 -15.28 | 34.00 2.05 -16.17 | 33.92 2.15 -15.22 | 33.90 2.03 -16.06 | 33.93 2.20 -14.64 | 36.72 2.69 -13.32 | 31.10 2.54 -9.04 | 29.73 2.08 -11.75 | 27.28 1.55 -13.47 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON AVE_GT_4 23540 | 32.03 0.74 -25.06 | 28.38 0.83 -20.67 | 25.73 0.81 -18.08 | 20.91 0.75 -13.94 | 19.58 0.70 -12.95 | 19.61 0.74 -12.50 | 18.04 1.28 -6.13 | 21.15 1.52 -7.04 | 30.37 2.19 -11.10 | 33.23 2.53 -11.18 | 34.48 2.48 -12.95 | 34.11 2.51 -12.45 | 33.94 2.22 -14.73 | 34.28 2.06 -16.37 | 33.58 2.03 -15.84 | 33.13 2.04 -15.28 | 34.00 2.05 -16.17 | 33.92 2.15 -15.22 | 33.90 2.03 -16.06 | 33.93 2.20 -14.64 | 36.72 2.69 -13.32 | 31.10 2.54 -9.04 | 29.73 2.08 -11.75 | 27.28 1.55 -13.47 |
| HUDSON AVE_GT_5 23657 | 32.03 0.74 -25.06 | 28.38 0.83 -20.67 | 25.73 0.81 -18.08 | 20.91 0.75 -13.94 | 19.58 0.70 -12.95 | 19.61 0.74 -12.50 | 18.04 1.28 -6.13 | 21.15 1.52 -7.04 | 30.37 2.19 -11.10 | 33.23 2.53 -11.18 | 34.48 2.48 -12.95 | 34.11 2.51 -12.45 | 33.94 2.22 -14.73 | 34.28 2.06 -16.37 | 33.58 2.03 -15.84 | 33.13 2.04 -15.28 | 34.00 2.05 -16.17 | 33.92 2.15 -15.22 | 33.90 2.03 -16.06 | 33.93 2.20 -14.64 | 36.72 2.69 -13.32 | 31.10 2.54 -9.04 | 29.73 2.08 -11.75 | 27.28 1.55 -13.47 |
| HUDSON_AVE_10 24168 | 31.99 0.70 -25.06 | 28.34 0.78 -20.67 | 25.69 0.78 -18.08 | 20.88 0.71 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.50 | 17.99 1.24 -6.13 | 21.08 1.46 -7.04 | 30.27 2.10 -11.09 | 33.11 2.42 -11.18 | 34.37 2.36 -12.94 | 34.00 2.39 -12.45 | 33.84 2.12 -14.72 | 34.18 1.96 -16.37 | 33.47 1.93 -15.84 | 33.05 1.96 -15.27 | 33.90 1.96 -16.16 | 33.84 2.07 -15.21 | 33.82 1.95 -16.05 | 33.82 2.10 -14.64 | 36.61 2.59 -13.32 | 30.98 2.42 -9.04 | 29.63 1.99 -11.75 | 27.20 1.47 -13.47 |
| HUNTER MOUNT___DRP 323613 | 29.28 0.50 -22.54 | 26.06 0.56 -18.61 | 23.46 0.55 -16.07 | 22.34 0.50 -15.62 | 20.92 0.47 -14.52 | 20.89 0.52 -14.01 | 18.29 0.81 -6.86 | 20.16 0.83 -6.75 | 21.14 1.32 -2.74 | 27.90 1.58 -6.81 | 27.43 1.49 -6.88 | 27.10 1.51 -6.43 | 25.86 1.31 -7.57 | 24.17 1.25 -7.07 | 22.30 1.23 -5.37 | 24.06 1.30 -6.95 | 25.84 1.31 -8.75 | 28.64 1.27 -10.81 | 29.33 1.25 -12.26 | 30.83 1.37 -12.39 | 33.18 1.64 -10.83 | 24.92 1.54 -3.86 | 23.48 1.24 -6.34 | 23.59 0.87 -10.45 |
| HUNTINGTON_RES_REC 323705 | 28.30 0.90 -21.16 | 25.45 1.01 -17.56 | 23.24 0.99 -15.41 | 22.06 0.91 -14.94 | 21.90 0.87 -15.10 | 21.83 0.92 -14.54 | 22.69 1.59 -10.48 | 24.42 1.84 -10.00 | 26.76 2.75 -6.93 | 30.80 3.16 -8.13 | 31.77 2.99 -9.72 | 32.11 3.05 -9.91 | 30.57 2.67 -10.92 | 30.06 2.49 -11.72 | 27.63 2.43 -9.49 | 27.48 2.45 -9.21 | 27.88 2.56 -9.55 | 29.44 2.72 -10.17 | 29.80 2.55 -11.43 | 31.27 2.75 -11.44 | 34.41 3.40 -10.31 | 29.91 3.06 -7.32 | 26.86 2.54 -8.42 | 24.74 1.93 -10.55 |
| HUNTLEY___63 23557 | 9.27 -0.08 -3.12 | 9.36 -0.10 -2.58 | 8.97 -0.09 -2.23 | 8.29 -0.09 -2.16 | 7.88 -0.06 -2.01 | 8.19 -0.12 -1.94 | 11.33 -0.24 -0.95 | 13.00 -0.52 -0.93 | 16.49 -0.97 -0.38 | 19.42 -1.03 -0.94 | 18.98 -1.03 -0.95 | 19.01 -1.03 -0.89 | 17.15 -1.03 -1.05 | 15.95 -0.87 -0.98 | 15.49 -0.96 -0.74 | 15.79 -0.98 -0.96 | 16.03 -0.96 -1.21 | 17.06 -0.99 -1.50 | 16.54 -0.98 -1.70 | 17.76 -1.04 -1.72 | 20.97 -1.50 -1.50 | 18.94 -1.11 -0.54 | 15.56 -0.79 -0.45 | 13.38 -0.33 -1.45 |
| HUNTLEY___64 23558 | 9.27 -0.08 -3.12 | 9.36 -0.10 -2.58 | 8.97 -0.09 -2.23 | 8.29 -0.09 -2.16 | 7.88 -0.06 -2.01 | 8.19 -0.12 -1.94 | 11.33 -0.24 -0.95 | 13.00 -0.52 -0.93 | 16.49 -0.97 -0.38 | 19.42 -1.03 -0.94 | 18.98 -1.03 -0.95 | 19.01 -1.03 -0.89 | 17.15 -1.03 -1.05 | 15.95 -0.87 -0.98 | 15.49 -0.96 -0.74 | 15.79 -0.98 -0.96 | 16.03 -0.96 -1.21 | 17.06 -0.99 -1.50 | 16.54 -0.98 -1.70 | 17.76 -1.04 -1.72 | 20.97 -1.50 -1.50 | 18.94 -1.11 -0.54 | 15.56 -0.79 -0.45 | 13.38 -0.33 -1.45 |
| HUNTLEY___65 23559 | 9.27 -0.08 -3.12 | 9.36 -0.10 -2.58 | 8.97 -0.09 -2.23 | 8.29 -0.09 -2.16 | 7.88 -0.06 -2.01 | 8.19 -0.12 -1.94 | 11.33 -0.24 -0.95 | 13.00 -0.52 -0.93 | 16.49 -0.97 -0.38 | 19.42 -1.03 -0.94 | 18.98 -1.03 -0.95 | 19.01 -1.03 -0.89 | 17.15 -1.03 -1.05 | 15.95 -0.87 -0.98 | 15.49 -0.96 -0.74 | 15.79 -0.98 -0.96 | 16.03 -0.96 -1.21 | 17.06 -0.99 -1.50 | 16.54 -0.98 -1.70 | 17.76 -1.04 -1.72 | 20.97 -1.50 -1.50 | 18.94 -1.11 -0.54 | 15.56 -0.79 -0.45 | 13.38 -0.33 -1.45 |
| HUNTLEY___66 23560 | 9.27 -0.08 -3.12 | 9.36 -0.10 -2.58 | 8.97 -0.09 -2.23 | 8.29 -0.09 -2.16 | 7.88 -0.06 -2.01 | 8.19 -0.12 -1.94 | 11.33 -0.24 -0.95 | 13.00 -0.52 -0.93 | 16.49 -0.97 -0.38 | 19.42 -1.03 -0.94 | 18.98 -1.03 -0.95 | 19.01 -1.03 -0.89 | 17.15 -1.03 -1.05 | 15.95 -0.87 -0.98 | 15.49 -0.96 -0.74 | 15.79 -0.98 -0.96 | 16.03 -0.96 -1.21 | 17.06 -0.99 -1.50 | 16.54 -0.98 -1.70 | 17.76 -1.04 -1.72 | 20.97 -1.50 -1.50 | 18.94 -1.11 -0.54 | 15.56 -0.79 -0.45 | 13.38 -0.33 -1.45 |
| HUNTLEY___67 23561 | 9.28 -0.14 -3.18 | 9.35 -0.17 -2.63 | 8.95 -0.16 -2.27 | 8.28 -0.15 -2.21 | 7.87 -0.11 -2.05 | 8.17 -0.18 -1.98 | 11.25 -0.34 -0.97 | 12.93 -0.60 -0.95 | 16.37 -1.09 -0.39 | 19.28 -1.19 -0.96 | 18.87 -1.16 -0.97 | 18.87 -1.19 -0.91 | 17.04 -1.02 -1.07 | 15.86 -0.98 -1.00 | 15.41 -1.05 -0.76 | 15.72 -1.08 -0.98 | 15.96 -1.06 -1.24 | 17.02 -1.06 -1.53 | 16.51 -1.04 -1.73 | 17.72 -1.11 -1.75 | 20.92 -1.33 -1.53 | 18.88 -1.19 -0.55 | 15.48 -0.87 -0.46 | 13.32 -0.42 -1.48 |
| HUNTLEY___68 23562 | 9.28 -0.14 -3.18 | 9.35 -0.17 -2.63 | 8.95 -0.16 -2.27 | 8.28 -0.15 -2.21 | 7.87 -0.11 -2.05 | 8.17 -0.18 -1.98 | 11.25 -0.34 -0.97 | 12.93 -0.60 -0.95 | 16.37 -1.09 -0.39 | 19.28 -1.19 -0.96 | 18.87 -1.16 -0.97 | 18.87 -1.19 -0.91 | 17.04 -1.02 -1.07 | 15.86 -0.98 -1.00 | 15.41 -1.05 -0.76 | 15.72 -1.08 -0.98 | 15.96 -1.06 -1.24 | 17.02 -1.06 -1.53 | 16.51 -1.04 -1.73 | 17.72 -1.11 -1.75 | 20.92 -1.33 -1.53 | 18.88 -1.19 -0.55 | 15.48 -0.87 -0.46 | 13.32 -0.42 -1.48 |
| HYLAND___LFGE 323620 | 9.76 0.10 -3.43 | 9.81 0.09 -2.83 | 9.37 0.09 -2.44 | 8.66 0.06 -2.38 | 8.22 0.08 -2.21 | 8.54 0.04 -2.13 | 11.75 0.08 -1.04 | 13.67 0.06 -1.03 | 17.46 -0.03 -0.42 | 20.58 0.04 -1.04 | 20.14 0.04 -1.05 | 20.13 0.00 -0.98 | 18.10 -0.03 -1.15 | 16.81 -0.11 -1.07 | 16.41 -0.11 -0.82 | 16.76 -0.11 -1.06 | 16.94 -0.17 -1.33 | 18.10 -0.10 -1.65 | 17.60 -0.09 -1.87 | 18.93 -0.03 -1.89 | 22.40 0.04 -1.65 | 20.13 0.02 -0.59 | 16.33 -0.06 -0.50 | 13.92 0.06 -1.59 |
| INDECK___CORINTH 23802 | 34.13 0.40 -27.49 | 30.02 0.44 -22.69 | 26.86 0.42 -19.60 | 25.65 0.37 -19.05 | 24.01 0.36 -17.71 | 23.84 0.39 -17.08 | 19.76 0.77 -8.37 | 21.76 0.96 -8.23 | 21.86 1.43 -3.34 | 29.48 1.68 -8.29 | 29.07 1.64 -8.37 | 28.36 1.38 -7.83 | 27.40 1.21 -9.21 | 25.53 1.08 -8.60 | 23.27 1.04 -6.53 | 25.30 1.03 -8.46 | 27.46 1.01 -10.67 | 30.86 1.13 -13.18 | 32.08 1.31 -14.95 | 33.58 1.40 -15.10 | 35.60 1.68 -13.21 | 25.79 1.56 -4.70 | 21.14 1.24 -4.00 | 25.89 0.86 -12.77 |
| INDECK___ILION 23567 | 5.91 0.16 0.48 | 6.67 0.18 0.40 | 6.68 0.18 0.34 | 6.05 0.16 0.33 | 5.77 0.15 0.31 | 6.24 0.17 0.30 | 10.76 0.29 0.15 | 12.76 0.33 0.14 | 17.50 0.48 0.06 | 19.93 0.57 0.15 | 19.43 0.51 0.15 | 19.53 0.52 0.14 | 17.28 0.46 0.16 | 16.11 0.41 0.15 | 16.00 0.41 0.11 | 16.08 0.41 0.15 | 16.00 0.41 0.19 | 16.75 0.43 0.23 | 15.96 0.40 0.26 | 17.24 0.43 0.27 | 20.97 0.50 0.23 | 19.93 0.49 0.08 | 16.21 0.38 0.07 | 12.31 0.27 0.22 |
| INDECK___OLEAN 23982 | 10.06 0.12 -3.70 | 10.08 0.14 -3.06 | 9.62 0.14 -2.64 | 8.91 0.12 -2.57 | 8.45 0.14 -2.39 | 8.76 0.09 -2.30 | 11.88 0.14 -1.13 | 13.75 0.06 -1.11 | 17.46 -0.07 -0.45 | 20.63 0.00 -1.12 | 20.15 -0.04 -1.13 | 20.15 -0.06 -1.06 | 18.21 -0.02 -1.24 | 16.94 -0.06 -1.16 | 16.45 -0.14 -0.88 | 16.80 -0.16 -1.14 | 17.08 -0.14 -1.44 | 18.27 -0.07 -1.78 | 17.73 -0.11 -2.02 | 19.02 -0.10 -2.04 | 22.35 -0.14 -1.78 | 19.98 -0.18 -0.63 | 16.34 -0.09 -0.54 | 14.14 0.16 -1.72 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___OSWEGO 23783 | 7.61 -0.09 -1.47 | 7.98 -0.12 -1.21 | 7.77 -0.12 -1.05 | 7.13 -0.11 -1.02 | 6.78 -0.10 -0.95 | 7.16 -0.12 -0.91 | 10.88 -0.19 -0.45 | 12.79 -0.23 -0.44 | 16.97 -0.29 -0.18 | 19.66 -0.29 -0.44 | 19.20 -0.31 -0.45 | 19.26 -0.31 -0.42 | 17.19 -0.29 -0.49 | 16.02 -0.28 -0.46 | 15.76 -0.30 -0.35 | 15.98 -0.28 -0.45 | 16.05 -0.30 -0.57 | 16.96 -0.30 -0.71 | 16.32 -0.30 -0.80 | 17.60 -0.29 -0.81 | 21.08 -0.33 -0.71 | 19.46 -0.31 -0.25 | 15.85 -0.25 -0.21 | 12.75 -0.20 -0.68 |
| INDECK___YERKES 23781 | 9.28 -0.07 -3.12 | 9.37 -0.10 -2.58 | 8.98 -0.08 -2.23 | 8.30 -0.09 -2.16 | 7.89 -0.05 -2.01 | 8.20 -0.11 -1.94 | 11.34 -0.23 -0.95 | 13.01 -0.50 -0.93 | 16.50 -0.96 -0.38 | 19.44 -1.02 -0.94 | 19.00 -1.01 -0.95 | 19.03 -1.02 -0.89 | 17.17 -0.87 -1.05 | 15.97 -0.86 -0.98 | 15.51 -0.94 -0.74 | 15.81 -0.97 -0.96 | 16.05 -0.95 -1.21 | 17.08 -0.98 -1.50 | 16.56 -0.97 -1.70 | 17.78 -1.02 -1.72 | 20.99 -1.22 -1.50 | 18.96 -1.09 -0.54 | 15.57 -0.78 -0.45 | 13.38 -0.33 -1.45 |
| INDIAN POINT_GT_1 24139 | 26.88 0.64 -20.00 | 24.11 0.71 -16.51 | 21.80 0.70 -14.26 | 20.65 0.64 -13.79 | 19.35 0.61 -12.82 | 19.37 0.64 -12.36 | 17.79 1.11 -6.06 | 19.87 1.31 -5.98 | 21.59 1.90 -2.61 | 27.83 2.20 -6.12 | 27.43 2.15 -6.22 | 27.16 2.18 -5.82 | 25.77 1.94 -6.85 | 24.09 1.79 -6.46 | 22.45 1.76 -4.98 | 23.91 1.77 -6.33 | 25.48 1.78 -7.92 | 28.12 1.89 -9.68 | 28.54 1.77 -10.95 | 30.03 1.93 -11.02 | 32.72 2.36 -9.66 | 25.26 2.21 -3.53 | 24.05 1.81 -6.34 | 22.86 1.34 -9.26 |
| INDIAN POINT_GT_2 23659 | 26.88 0.64 -20.00 | 24.11 0.71 -16.51 | 21.80 0.70 -14.26 | 20.65 0.64 -13.79 | 19.35 0.61 -12.82 | 19.37 0.64 -12.36 | 17.79 1.11 -6.06 | 19.87 1.31 -5.98 | 21.59 1.90 -2.61 | 27.83 2.20 -6.12 | 27.43 2.15 -6.22 | 27.16 2.18 -5.82 | 25.77 1.94 -6.85 | 24.09 1.79 -6.46 | 22.45 1.76 -4.98 | 23.91 1.77 -6.33 | 25.48 1.78 -7.92 | 28.12 1.89 -9.68 | 28.54 1.77 -10.95 | 30.03 1.93 -11.02 | 32.72 2.36 -9.66 | 25.26 2.21 -3.53 | 24.05 1.81 -6.34 | 22.86 1.34 -9.26 |
| INDIAN POINT_GT_3 24019 | 26.88 0.64 -20.00 | 24.11 0.71 -16.51 | 21.80 0.70 -14.26 | 20.65 0.64 -13.79 | 19.35 0.61 -12.82 | 19.37 0.64 -12.36 | 17.79 1.11 -6.06 | 19.87 1.31 -5.98 | 21.59 1.90 -2.61 | 27.83 2.20 -6.12 | 27.43 2.15 -6.22 | 27.16 2.18 -5.82 | 25.77 1.94 -6.85 | 24.09 1.79 -6.46 | 22.45 1.76 -4.98 | 23.91 1.77 -6.33 | 25.48 1.78 -7.92 | 28.12 1.89 -9.68 | 28.54 1.77 -10.95 | 30.03 1.93 -11.02 | 32.72 2.36 -9.66 | 25.26 2.21 -3.53 | 24.05 1.81 -6.34 | 22.86 1.34 -9.26 |
| INDIAN POINT___2 23530 | 26.60 0.62 -19.74 | 23.87 0.69 -16.30 | 21.60 0.68 -14.08 | 20.45 0.63 -13.61 | 19.17 0.59 -12.65 | 19.20 0.62 -12.20 | 17.68 1.08 -5.98 | 19.76 1.28 -5.90 | 21.52 1.86 -2.58 | 27.69 2.15 -6.04 | 27.31 2.12 -6.14 | 27.02 2.13 -5.74 | 25.63 1.89 -6.76 | 23.98 1.76 -6.37 | 22.33 1.71 -4.91 | 23.80 1.74 -6.25 | 25.35 1.75 -7.82 | 27.94 1.84 -9.55 | 28.35 1.72 -10.80 | 29.84 1.88 -10.88 | 32.54 2.30 -9.53 | 25.18 2.17 -3.49 | 23.93 1.76 -6.27 | 22.73 1.31 -9.15 |
| INDIAN POINT___3 23531 | 26.78 0.65 -19.90 | 24.03 0.72 -16.43 | 21.73 0.71 -14.18 | 20.66 0.65 -13.79 | 19.36 0.61 -12.82 | 19.39 0.65 -12.37 | 17.80 1.13 -6.06 | 19.87 1.33 -5.96 | 21.41 1.91 -2.42 | 27.74 2.22 -6.01 | 27.30 2.17 -6.07 | 27.03 2.20 -5.67 | 25.61 1.95 -6.67 | 23.89 1.81 -6.23 | 22.21 1.77 -4.73 | 23.74 1.80 -6.13 | 25.31 1.80 -7.73 | 28.01 1.90 -9.56 | 28.44 1.79 -10.84 | 29.98 1.95 -10.95 | 32.67 2.38 -9.58 | 25.16 2.22 -3.41 | 24.06 1.83 -6.33 | 22.87 1.35 -9.26 |
| IP CORINTH___1 23988 | 34.13 0.40 -27.49 | 30.02 0.44 -22.69 | 26.86 0.42 -19.60 | 25.65 0.37 -19.05 | 24.01 0.36 -17.71 | 23.84 0.39 -17.08 | 19.76 0.77 -8.37 | 21.76 0.96 -8.23 | 21.86 1.43 -3.34 | 29.48 1.68 -8.29 | 29.07 1.64 -8.37 | 28.36 1.38 -7.83 | 27.40 1.21 -9.21 | 25.53 1.08 -8.60 | 23.27 1.04 -6.53 | 25.30 1.03 -8.46 | 27.46 1.01 -10.67 | 30.86 1.13 -13.18 | 32.08 1.31 -14.95 | 33.58 1.40 -15.10 | 35.60 1.68 -13.21 | 25.79 1.56 -4.70 | 21.14 1.24 -4.00 | 25.89 0.86 -12.77 |
| IP___TICONDEROGA 23804 | 32.94 0.50 -26.20 | 29.06 0.54 -21.63 | 26.04 0.53 -18.68 | 24.86 0.48 -18.16 | 23.29 0.48 -16.88 | 23.18 0.53 -16.28 | 19.71 1.11 -7.98 | 21.81 1.38 -7.84 | 22.28 2.01 -3.18 | 29.65 2.26 -7.88 | 29.25 2.23 -7.96 | 28.78 2.18 -7.44 | 27.66 1.92 -8.76 | 25.80 1.77 -8.18 | 23.67 1.76 -6.21 | 25.61 1.76 -8.04 | 27.66 1.74 -10.14 | 30.97 1.89 -12.53 | 31.87 1.83 -14.21 | 33.45 2.01 -14.36 | 35.69 2.42 -12.56 | 26.18 2.19 -4.47 | 21.77 1.68 -4.19 | 25.60 1.17 -12.17 |
| ISLIP_RES_REC 323679 | 28.45 0.98 -21.24 | 25.60 1.09 -17.63 | 23.39 1.06 -15.49 | 22.21 0.97 -15.02 | 22.05 0.93 -15.19 | 21.98 0.99 -14.61 | 22.98 1.80 -10.56 | 24.65 1.99 -10.08 | 27.14 3.06 -7.00 | 31.22 3.51 -8.20 | 32.09 3.28 -9.75 | 32.45 3.35 -9.95 | 30.81 2.87 -10.95 | 30.28 2.68 -11.76 | 27.87 2.64 -9.53 | 27.70 2.64 -9.25 | 28.20 2.84 -9.58 | 29.83 3.08 -10.20 | 30.13 2.85 -11.46 | 31.62 3.07 -11.47 | 34.82 3.79 -10.32 | 30.19 3.32 -7.35 | 27.10 2.75 -8.45 | 24.96 2.11 -10.59 |
| JARVIS____ 23743 | 5.81 0.06 0.48 | 6.55 0.06 0.40 | 6.55 0.06 0.34 | 5.94 0.06 0.33 | 5.67 0.05 0.31 | 6.13 0.06 0.30 | 10.57 0.10 0.15 | 12.55 0.11 0.14 | 17.19 0.17 0.06 | 19.56 0.20 0.15 | 19.10 0.19 0.15 | 19.21 0.19 0.14 | 17.00 0.17 0.16 | 15.84 0.14 0.15 | 15.73 0.14 0.11 | 15.81 0.14 0.15 | 15.73 0.14 0.19 | 16.47 0.15 0.23 | 15.70 0.14 0.26 | 16.97 0.15 0.27 | 20.66 0.19 0.23 | 19.63 0.20 0.08 | 15.98 0.16 0.07 | 12.15 0.11 0.22 |
| JENNISON___1 23625 | 13.51 0.33 -6.94 | 12.98 0.36 -5.73 | 12.15 0.36 -4.95 | 11.35 0.32 -4.81 | 10.69 0.28 -4.47 | 10.99 0.30 -4.32 | 13.26 0.53 -2.11 | 15.28 0.62 -2.08 | 18.86 0.94 -0.84 | 22.74 1.13 -2.10 | 22.24 1.07 -2.12 | 22.22 1.09 -1.98 | 20.23 0.92 -2.33 | 18.83 0.81 -2.18 | 18.13 0.77 -1.65 | 18.76 0.81 -2.14 | 19.27 0.79 -2.70 | 20.75 0.86 -3.34 | 20.41 0.81 -3.78 | 21.81 0.90 -3.82 | 25.17 1.12 -3.34 | 21.78 1.07 -1.19 | 17.85 0.79 -1.16 | 16.09 0.60 -3.22 |
| JENNISON___2 23626 | 13.51 0.33 -6.94 | 12.98 0.36 -5.73 | 12.15 0.36 -4.95 | 11.35 0.32 -4.81 | 10.69 0.28 -4.47 | 10.99 0.30 -4.32 | 13.26 0.53 -2.11 | 15.28 0.62 -2.08 | 18.86 0.94 -0.84 | 22.74 1.13 -2.10 | 22.24 1.07 -2.12 | 22.22 1.09 -1.98 | 20.23 0.92 -2.33 | 18.83 0.81 -2.18 | 18.13 0.77 -1.65 | 18.76 0.81 -2.14 | 19.27 0.79 -2.70 | 20.75 0.86 -3.34 | 20.41 0.81 -3.78 | 21.81 0.90 -3.82 | 25.17 1.12 -3.34 | 21.78 1.07 -1.19 | 17.85 0.79 -1.16 | 16.09 0.60 -3.22 |
| JERICHO_RISE_WT_PWR 323719 | 5.95 -0.28 0.00 | 6.60 -0.29 0.00 | 6.56 -0.28 0.00 | 5.96 -0.26 0.00 | 5.68 -0.25 0.00 | 6.15 -0.22 0.00 | 10.23 -0.39 0.00 | 12.18 -0.40 0.00 | 16.40 -0.68 0.00 | 18.63 -0.88 0.00 | 18.24 -0.82 0.00 | 18.33 -0.82 0.00 | 16.26 -0.73 0.00 | 15.21 -0.63 0.00 | 15.14 -0.56 0.00 | 15.20 -0.62 0.00 | 15.20 -0.58 0.00 | 15.89 -0.66 0.00 | 15.22 -0.60 0.00 | 16.38 -0.70 0.00 | 19.80 -0.91 0.00 | 18.64 -0.88 0.00 | 15.10 -0.79 0.00 | 11.70 -0.56 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 28.27 0.90 -21.13 | 25.43 1.01 -17.53 | 23.20 0.99 -15.38 | 22.03 0.91 -14.90 | 21.87 0.87 -15.07 | 21.81 0.93 -14.51 | 22.76 1.69 -10.45 | 24.43 1.87 -9.98 | 26.87 2.89 -6.90 | 30.90 3.30 -8.10 | 31.81 3.05 -9.70 | 32.17 3.12 -9.90 | 30.59 2.70 -10.90 | 30.08 2.52 -11.71 | 27.66 2.47 -9.48 | 27.50 2.48 -9.20 | 27.98 2.67 -9.53 | 29.63 2.91 -10.16 | 29.92 2.67 -11.42 | 31.42 2.90 -11.43 | 34.59 3.58 -10.30 | 29.96 3.12 -7.31 | 26.91 2.61 -8.40 | 24.80 2.00 -10.53 |

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|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 28.27 0.90 -21.13 | 25.43 1.01 -17.53 | 23.20 0.99 -15.38 | 22.03 0.91 -14.90 | 21.87 0.87 -15.07 | 21.81 0.93 -14.51 | 22.76 1.69 -10.45 | 24.43 1.87 -9.98 | 26.87 2.89 -6.90 | 30.90 3.30 -8.10 | 31.81 3.05 -9.70 | 32.17 3.12 -9.90 | 30.59 2.70 -10.90 | 30.08 2.52 -11.71 | 27.66 2.47 -9.48 | 27.50 2.48 -9.20 | 27.98 2.67 -9.53 | 29.63 2.91 -10.16 | 29.92 2.67 -11.42 | 31.42 2.90 -11.43 | 34.59 3.58 -10.30 | 29.96 3.12 -7.31 | 26.91 2.61 -8.40 | 24.80 2.00 -10.53 |
| KEDC_GLWD_GT4 24219 | 31.10 0.78 -24.09 | 28.02 0.87 -20.27 | 26.39 0.86 -18.69 | 25.38 0.78 -18.38 | 25.00 0.74 -18.33 | 24.57 0.78 -17.41 | 25.14 1.33 -13.20 | 26.69 1.59 -12.53 | 28.67 2.30 -9.28 | 33.02 2.67 -10.84 | 32.45 2.59 -10.80 | 32.66 2.62 -10.89 | 31.37 2.31 -12.08 | 30.61 2.15 -12.61 | 28.09 2.11 -10.28 | 28.17 2.13 -10.22 | 28.71 2.16 -10.77 | 30.07 2.27 -11.25 | 30.42 2.14 -12.46 | 31.71 2.32 -12.30 | 34.53 2.84 -10.98 | 30.12 2.65 -7.95 | 27.77 2.19 -9.68 | 25.86 1.63 -11.97 |
| KEDC_GLWD_GT5 24220 | 31.10 0.78 -24.09 | 28.02 0.87 -20.27 | 26.39 0.86 -18.69 | 25.38 0.78 -18.38 | 25.00 0.74 -18.33 | 24.57 0.78 -17.41 | 25.14 1.33 -13.20 | 26.69 1.59 -12.53 | 28.67 2.30 -9.28 | 33.02 2.67 -10.84 | 32.45 2.59 -10.80 | 32.66 2.62 -10.89 | 31.37 2.31 -12.08 | 30.61 2.15 -12.61 | 28.09 2.11 -10.28 | 28.17 2.13 -10.22 | 28.71 2.16 -10.77 | 30.07 2.27 -11.25 | 30.42 2.14 -12.46 | 31.71 2.32 -12.30 | 34.53 2.84 -10.98 | 30.12 2.65 -7.95 | 27.77 2.19 -9.68 | 25.86 1.63 -11.97 |
| KENSICO____ 23655 | 27.09 0.67 -20.19 | 24.30 0.74 -16.67 | 21.97 0.74 -14.40 | 20.79 0.67 -13.90 | 19.49 0.63 -12.92 | 19.50 0.67 -12.46 | 17.89 1.17 -6.10 | 20.00 1.38 -6.03 | 21.76 2.00 -2.68 | 28.01 2.30 -6.20 | 27.61 2.25 -6.31 | 27.34 2.28 -5.91 | 25.96 2.02 -6.95 | 24.30 1.88 -6.57 | 22.63 1.84 -5.08 | 24.11 1.87 -6.43 | 25.69 1.88 -8.03 | 28.31 1.97 -9.78 | 28.73 1.85 -11.06 | 30.23 2.01 -11.13 | 32.93 2.46 -9.75 | 25.44 2.32 -3.59 | 24.23 1.91 -6.43 | 23.03 1.41 -9.36 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 27.85 0.61 -21.01 | 24.91 0.68 -17.34 | 22.49 0.68 -14.98 | 21.39 0.61 -14.56 | 20.04 0.57 -13.54 | 20.05 0.62 -13.06 | 18.09 1.07 -6.40 | 20.04 1.17 -6.29 | 21.41 1.78 -2.55 | 27.95 2.11 -6.34 | 27.48 2.02 -6.40 | 27.20 2.07 -5.98 | 25.83 1.80 -7.04 | 24.12 1.70 -6.58 | 22.36 1.66 -4.99 | 24.03 1.76 -6.46 | 25.62 1.74 -8.10 | 28.30 1.74 -10.01 | 28.83 1.66 -11.35 | 30.36 1.81 -11.47 | 32.93 2.19 -10.03 | 25.16 2.07 -3.57 | 24.32 1.68 -6.74 | 23.15 1.21 -9.67 |
| KIAC_JFK_GT1 23816 | 31.95 0.66 -25.06 | 28.29 0.74 -20.67 | 25.65 0.74 -18.08 | 20.85 0.68 -13.94 | 19.54 0.66 -12.95 | 19.57 0.70 -12.50 | 17.96 1.21 -6.13 | 21.01 1.38 -7.04 | 30.14 1.96 -11.09 | 32.95 2.26 -11.18 | 34.23 2.23 -12.94 | 33.84 2.24 -12.45 | 33.70 1.99 -14.72 | 34.07 1.85 -16.37 | 33.36 1.82 -15.84 | 32.92 1.83 -15.27 | 33.79 1.85 -16.16 | 33.70 1.94 -15.21 | 33.69 1.82 -16.05 | 33.70 1.98 -14.64 | 36.45 2.42 -13.32 | 30.84 2.28 -9.04 | 29.52 1.87 -11.75 | 27.11 1.39 -13.47 |
| KIAC_JFK_GT2 23817 | 31.95 0.66 -25.06 | 28.29 0.74 -20.67 | 25.65 0.74 -18.08 | 20.85 0.68 -13.94 | 19.54 0.66 -12.95 | 19.57 0.70 -12.50 | 17.96 1.21 -6.13 | 21.01 1.38 -7.04 | 30.14 1.96 -11.09 | 32.95 2.26 -11.18 | 34.23 2.23 -12.94 | 33.84 2.24 -12.45 | 33.70 1.99 -14.72 | 34.07 1.85 -16.37 | 33.36 1.82 -15.84 | 32.92 1.83 -15.27 | 33.79 1.85 -16.16 | 33.70 1.94 -15.21 | 33.69 1.82 -16.05 | 33.70 1.98 -14.64 | 36.45 2.42 -13.32 | 30.84 2.28 -9.04 | 29.52 1.87 -11.75 | 27.11 1.39 -13.47 |
| KINTIGH____ 23543 | 8.74 -0.19 -2.70 | 8.89 -0.23 -2.23 | 8.55 -0.21 -1.92 | 7.89 -0.21 -1.87 | 7.50 -0.17 -1.74 | 7.82 -0.23 -1.68 | 11.03 -0.41 -0.82 | 12.75 -0.64 -0.81 | 16.32 -1.09 -0.33 | 19.11 -1.21 -0.82 | 18.70 -1.18 -0.82 | 18.72 -1.21 -0.77 | 16.84 -1.05 -0.91 | 15.68 -1.01 -0.85 | 15.30 -1.05 -0.64 | 15.59 -1.06 -0.83 | 15.77 -1.06 -1.05 | 16.79 -1.06 -1.30 | 16.25 -1.04 -1.47 | 17.47 -1.09 -1.49 | 20.71 -1.30 -1.30 | 18.79 -1.19 -0.46 | 15.38 -0.91 -0.39 | 13.03 -0.49 -1.25 |
| LEDERLE____ 23769 | 26.26 0.69 -19.35 | 23.61 0.76 -15.97 | 21.38 0.75 -13.79 | 20.31 0.68 -13.41 | 19.04 0.65 -12.47 | 19.08 0.68 -12.02 | 17.69 1.18 -5.89 | 19.76 1.38 -5.79 | 21.43 2.00 -2.35 | 27.69 2.34 -5.84 | 27.24 2.29 -5.90 | 26.96 2.30 -5.51 | 25.51 2.04 -6.49 | 23.81 1.90 -6.06 | 22.18 1.87 -4.60 | 23.67 1.90 -5.96 | 25.21 1.91 -7.52 | 27.83 1.99 -9.29 | 28.24 1.88 -10.54 | 29.78 2.05 -10.65 | 32.53 2.50 -9.31 | 25.18 2.34 -3.32 | 23.97 1.92 -6.15 | 22.69 1.42 -9.00 |
| LINDEN COGEN____ 23786 | 32.02 0.72 -25.06 | 28.35 0.80 -20.67 | 25.71 0.79 -18.08 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.31 2.13 -11.10 | 33.13 2.44 -11.18 | 34.39 2.38 -12.95 | 34.00 2.39 -12.45 | 33.84 2.12 -14.73 | 34.20 1.98 -16.37 | 33.48 1.93 -15.84 | 33.05 1.96 -15.28 | 33.92 1.97 -16.17 | 33.84 2.07 -15.22 | 33.84 1.96 -16.06 | 33.84 2.12 -14.64 | 36.64 2.61 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.24 1.51 -13.47 |
| LIPA_MISC_IPP 23656 | 28.18 0.85 -21.10 | 25.34 0.96 -17.50 | 23.10 0.93 -15.34 | 21.93 0.85 -14.86 | 21.78 0.82 -15.03 | 21.73 0.89 -14.47 | 22.74 1.70 -10.42 | 24.34 1.81 -9.94 | 26.82 2.87 -6.87 | 30.81 3.24 -8.07 | 31.68 2.93 -9.69 | 32.06 3.02 -9.88 | 30.44 2.57 -10.88 | 29.97 2.42 -11.70 | 27.55 2.37 -9.47 | 27.36 2.36 -9.19 | 27.92 2.62 -9.52 | 29.58 2.88 -10.14 | 29.87 2.64 -11.41 | 31.36 2.85 -11.42 | 34.54 3.54 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.39 | 24.76 1.98 -10.52 |
| LISF__SOLAR 323691 | 28.21 0.87 -21.11 | 25.36 0.97 -17.51 | 23.13 0.94 -15.35 | 21.96 0.86 -14.87 | 21.81 0.84 -15.04 | 21.75 0.90 -14.48 | 22.78 1.73 -10.43 | 24.37 1.84 -9.95 | 26.87 2.90 -6.88 | 30.88 3.30 -8.08 | 31.72 2.97 -9.69 | 32.11 3.06 -9.89 | 30.48 2.60 -10.89 | 30.00 2.46 -11.70 | 27.59 2.40 -9.48 | 27.38 2.37 -9.19 | 27.97 2.67 -9.52 | 29.63 2.93 -10.15 | 29.91 2.67 -11.41 | 31.41 2.90 -11.43 | 34.58 3.58 -10.29 | 29.89 3.06 -7.31 | 26.85 2.56 -8.39 | 24.80 2.01 -10.52 |
| LITTLE FALLS__HYD 24013 | 6.05 0.30 0.48 | 6.82 0.33 0.40 | 6.83 0.33 0.34 | 6.19 0.30 0.33 | 5.90 0.28 0.31 | 6.38 0.31 0.30 | 10.99 0.52 0.15 | 13.05 0.62 0.14 | 17.89 0.87 0.06 | 20.38 1.01 0.15 | 19.83 0.91 0.15 | 19.93 0.92 0.14 | 17.64 0.82 0.16 | 16.44 0.74 0.15 | 16.31 0.72 0.11 | 16.41 0.74 0.15 | 16.32 0.73 0.19 | 17.09 0.76 0.23 | 16.25 0.70 0.26 | 17.55 0.73 0.27 | 21.33 0.85 0.23 | 20.28 0.84 0.08 | 16.48 0.65 0.07 | 12.52 0.48 0.22 |
| LI_NEWBRDGE__DRP 323616 | 27.50 0.81 -20.46 | 24.70 0.91 -16.91 | 22.40 0.90 -14.66 | 21.21 0.83 -14.15 | 21.06 0.79 -14.34 | 21.07 0.84 -13.86 | 21.81 1.40 -9.79 | 23.59 1.65 -9.36 | 25.80 2.41 -6.31 | 29.76 2.77 -7.48 | 31.11 2.65 -9.40 | 31.45 2.68 -9.62 | 29.94 2.38 -10.58 | 29.49 2.22 -11.43 | 27.11 2.17 -9.24 | 26.94 2.20 -8.93 | 27.26 2.24 -9.24 | 28.81 2.35 -9.90 | 29.22 2.21 -11.18 | 30.72 2.41 -11.23 | 33.81 2.96 -10.14 | 29.37 2.73 -7.11 | 26.28 2.29 -8.09 | 24.19 1.72 -10.21 |
| LONG_LAKE_PHOENIX 24014 | 7.70 -0.06 -1.53 | 8.06 -0.08 -1.26 | 7.84 -0.08 -1.09 | 7.20 -0.08 -1.06 | 6.84 -0.07 -0.98 | 7.23 -0.10 -0.95 | 10.94 -0.15 -0.47 | 12.89 -0.15 -0.46 | 17.08 -0.19 -0.19 | 19.77 -0.20 -0.46 | 19.33 -0.19 -0.47 | 19.40 -0.19 -0.44 | 17.31 -0.19 -0.51 | 16.12 -0.21 -0.48 | 15.87 -0.20 -0.36 | 16.08 -0.21 -0.47 | 16.15 -0.22 -0.59 | 17.07 -0.22 -0.73 | 16.45 -0.21 -0.83 | 17.73 -0.19 -0.84 | 21.24 -0.21 -0.74 | 19.61 -0.18 -0.26 | 15.94 -0.17 -0.22 | 12.84 -0.13 -0.71 |

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| LOVETT___3 23632 | 26.28 0.63 -19.42 | 23.61 0.70 -16.03 | 21.37 0.69 -13.84 | 20.31 0.63 -13.46 | 19.04 0.59 -12.51 | 19.07 0.63 -12.07 | 17.62 1.09 -5.91 | 19.68 1.28 -5.81 | 21.30 1.86 -2.36 | 27.54 2.17 -5.86 | 27.10 2.12 -5.92 | 26.83 2.14 -5.54 | 25.39 1.89 -6.51 | 23.69 1.76 -6.08 | 22.05 1.73 -4.62 | 23.55 1.76 -5.98 | 25.08 1.75 -7.55 | 27.72 1.84 -9.33 | 28.14 1.74 -10.58 | 29.66 1.90 -10.69 | 32.36 2.30 -9.35 | 25.02 2.17 -3.33 | 23.85 1.78 -6.18 | 22.61 1.31 -9.03 |
| LOVETT___4 23642 | 26.30 0.64 -19.43 | 23.63 0.71 -16.04 | 21.39 0.70 -13.85 | 20.33 0.65 -13.47 | 19.06 0.61 -12.52 | 19.09 0.64 -12.07 | 17.65 1.11 -5.91 | 19.72 1.32 -5.82 | 21.35 1.91 -2.36 | 27.58 2.20 -5.87 | 27.14 2.15 -5.92 | 26.87 2.18 -5.54 | 25.44 1.94 -6.52 | 23.74 1.81 -6.09 | 22.09 1.76 -4.62 | 23.58 1.79 -5.98 | 25.13 1.80 -7.55 | 27.77 1.89 -9.33 | 28.18 1.77 -10.58 | 29.70 1.93 -10.69 | 32.42 2.36 -9.35 | 25.08 2.22 -3.33 | 23.89 1.81 -6.18 | 22.65 1.35 -9.04 |
| LOVETT___5 23593 | 26.30 0.64 -19.43 | 23.63 0.71 -16.04 | 21.39 0.70 -13.85 | 20.33 0.65 -13.47 | 19.06 0.61 -12.52 | 19.09 0.64 -12.07 | 17.65 1.11 -5.91 | 19.72 1.32 -5.82 | 21.35 1.91 -2.36 | 27.58 2.20 -5.87 | 27.14 2.15 -5.92 | 26.87 2.18 -5.54 | 25.44 1.94 -6.52 | 23.74 1.81 -6.09 | 22.09 1.76 -4.62 | 23.58 1.79 -5.98 | 25.13 1.80 -7.55 | 27.77 1.89 -9.33 | 28.18 1.77 -10.58 | 29.70 1.93 -10.69 | 32.42 2.36 -9.35 | 25.08 2.22 -3.33 | 23.89 1.81 -6.18 | 22.65 1.35 -9.04 |
| LOWER RAQUET___HYD 24057 | 5.75 -0.49 0.00 | 6.37 -0.52 0.00 | 6.33 -0.51 0.00 | 5.76 -0.46 0.00 | 5.46 -0.47 0.00 | 5.93 -0.44 0.00 | 9.85 -0.76 0.00 | 11.69 -0.89 0.00 | 15.54 -1.54 0.00 | 17.58 -1.93 0.00 | 17.12 -1.94 0.00 | 17.20 -1.95 0.00 | 15.24 -1.75 0.00 | 14.36 -1.49 0.00 | 14.29 -1.41 0.00 | 14.37 -1.44 0.00 | 14.36 -1.42 0.00 | 14.97 -1.59 0.00 | 14.38 -1.44 0.00 | 15.37 -1.71 0.00 | 18.62 -2.09 0.00 | 17.59 -1.93 0.00 | 14.42 -1.48 0.00 | 11.30 -0.97 0.00 |
| LOWER___HUDSON 24059 | 33.94 0.36 -27.35 | 29.85 0.39 -22.57 | 26.71 0.38 -19.49 | 25.51 0.34 -18.95 | 23.88 0.33 -17.62 | 23.71 0.34 -16.99 | 19.50 0.55 -8.32 | 21.41 0.64 -8.18 | 21.39 0.99 -3.32 | 28.92 1.15 -8.26 | 28.53 1.12 -8.34 | 28.04 1.09 -7.80 | 27.13 0.97 -9.18 | 25.30 0.89 -8.57 | 23.09 0.88 -6.51 | 25.11 0.87 -8.43 | 27.28 0.87 -10.63 | 30.63 0.94 -13.13 | 31.65 0.93 -14.89 | 33.12 0.99 -15.05 | 35.07 1.20 -13.16 | 25.34 1.13 -4.69 | 20.80 0.92 -3.98 | 25.60 0.64 -12.70 |
| LWR___OSWEGATCHIE_HYD 23850 | 5.86 -0.37 0.00 | 6.48 -0.41 0.00 | 6.43 -0.40 0.00 | 5.85 -0.37 0.00 | 5.56 -0.37 0.00 | 6.01 -0.36 0.00 | 9.98 -0.64 0.00 | 11.85 -0.73 0.00 | 15.94 -1.14 0.00 | 18.14 -1.37 0.00 | 17.67 -1.39 0.00 | 17.75 -1.40 0.00 | 15.71 -1.27 0.00 | 14.72 -1.12 0.00 | 14.62 -1.08 0.00 | 14.72 -1.09 0.00 | 14.69 -1.09 0.00 | 15.36 -1.19 0.00 | 14.73 -1.09 0.00 | 15.82 -1.26 0.00 | 19.20 -1.51 0.00 | 18.15 -1.37 0.00 | 14.81 -1.08 0.00 | 11.50 -0.76 0.00 |
| LYONS_FALL_HYD 23570 | 6.18 -0.06 0.00 | 6.82 -0.07 0.00 | 6.77 -0.06 0.00 | 6.16 -0.06 0.00 | 5.86 -0.07 0.00 | 6.30 -0.07 0.00 | 10.51 -0.11 0.00 | 12.47 -0.11 0.00 | 16.96 -0.12 0.00 | 19.39 -0.12 0.00 | 18.93 -0.13 0.00 | 19.02 -0.13 0.00 | 16.82 -0.17 0.00 | 15.69 -0.16 0.00 | 15.53 -0.17 0.00 | 15.65 -0.16 0.00 | 15.61 -0.17 0.00 | 16.39 -0.17 0.00 | 15.66 -0.16 0.00 | 16.89 -0.19 0.00 | 20.52 -0.19 0.00 | 19.36 -0.16 0.00 | 15.74 -0.16 0.00 | 12.13 -0.13 0.00 |
| MADISON___COUNTY_LFGE 323628 | 6.94 0.10 -0.61 | 7.49 0.10 -0.50 | 7.37 0.10 -0.43 | 6.72 0.08 -0.42 | 6.40 0.08 -0.39 | 6.83 0.08 -0.38 | 10.94 0.14 -0.19 | 12.94 0.18 -0.18 | 17.45 0.29 -0.07 | 20.08 0.39 -0.18 | 19.61 0.36 -0.19 | 19.69 0.36 -0.17 | 17.48 0.29 -0.20 | 16.28 0.24 -0.19 | 16.07 0.22 -0.15 | 16.24 0.24 -0.19 | 16.24 0.22 -0.24 | 17.10 0.25 -0.29 | 16.39 0.24 -0.33 | 17.69 0.27 -0.34 | 21.35 0.35 -0.29 | 19.98 0.35 -0.10 | 16.22 0.24 -0.09 | 12.72 0.17 -0.28 |
| MAPLE_RIDGE_WT_1 323574 | 5.03 -0.09 1.11 | 5.86 -0.10 0.92 | 5.94 -0.10 0.79 | 5.36 -0.09 0.77 | 5.13 -0.08 0.72 | 5.60 -0.08 0.69 | 10.17 -0.11 0.34 | 12.15 -0.10 0.33 | 16.79 -0.15 0.14 | 18.98 -0.20 0.34 | 18.53 -0.19 0.34 | 18.66 -0.17 0.32 | 16.46 -0.15 0.37 | 15.36 -0.14 0.35 | 15.32 -0.13 0.26 | 15.33 -0.14 0.34 | 15.21 -0.14 0.43 | 15.87 -0.15 0.53 | 15.07 -0.14 0.60 | 16.30 -0.17 0.61 | 19.97 -0.21 0.53 | 19.14 -0.20 0.19 | 15.54 -0.19 0.16 | 11.58 -0.17 0.52 |
| MAPLE_RIDGE_WT_2 323611 | 5.03 -0.09 1.11 | 5.86 -0.10 0.92 | 5.94 -0.10 0.79 | 5.36 -0.09 0.77 | 5.13 -0.08 0.72 | 5.60 -0.08 0.69 | 10.17 -0.11 0.34 | 12.15 -0.10 0.33 | 16.79 -0.15 0.14 | 18.98 -0.20 0.34 | 18.53 -0.19 0.34 | 18.66 -0.17 0.32 | 16.46 -0.15 0.37 | 15.36 -0.14 0.35 | 15.32 -0.13 0.26 | 15.33 -0.14 0.34 | 15.21 -0.14 0.43 | 15.87 -0.15 0.53 | 15.07 -0.14 0.60 | 16.30 -0.17 0.61 | 19.97 -0.21 0.53 | 19.14 -0.20 0.19 | 15.54 -0.19 0.16 | 11.58 -0.17 0.52 |
| MARBLE_RIVER_WT_PWR 323696 | 5.97 -0.26 0.00 | 6.62 -0.26 0.00 | 6.58 -0.26 0.00 | 5.99 -0.23 0.00 | 5.69 -0.24 0.00 | 6.17 -0.20 0.00 | 10.26 -0.36 0.00 | 12.22 -0.37 0.00 | 16.47 -0.61 0.00 | 18.71 -0.80 0.00 | 18.32 -0.74 0.00 | 18.41 -0.75 0.00 | 16.32 -0.66 0.00 | 15.28 -0.57 0.00 | 15.20 -0.50 0.00 | 15.26 -0.55 0.00 | 15.26 -0.52 0.00 | 15.96 -0.60 0.00 | 15.27 -0.55 0.00 | 16.45 -0.63 0.00 | 19.88 -0.83 0.00 | 18.70 -0.82 0.00 | 15.16 -0.73 0.00 | 11.74 -0.53 0.00 |
| MARSH_HILL_WT_PWR 323713 | 10.53 0.16 -4.14 | 10.45 0.14 -3.42 | 9.93 0.14 -2.95 | 9.20 0.11 -2.87 | 8.73 0.14 -2.67 | 9.03 0.09 -2.57 | 12.05 0.17 -1.26 | 13.96 0.14 -1.24 | 17.65 0.07 -0.50 | 20.91 0.16 -1.25 | 20.46 0.13 -1.26 | 20.45 0.12 -1.18 | 18.48 0.10 -1.39 | 17.17 0.03 -1.30 | 16.66 -0.03 -0.98 | 17.06 -0.03 -1.27 | 17.36 -0.03 -1.61 | 18.58 0.03 -1.99 | 18.08 0.00 -2.25 | 19.38 0.02 -2.28 | 22.74 0.04 -1.99 | 20.27 0.04 -0.71 | 16.51 0.02 -0.60 | 14.33 0.15 -1.92 |
| MG INDUSTRY___DRP 24185 | 32.34 0.35 -25.76 | 28.54 0.39 -21.27 | 25.58 0.38 -18.36 | 24.42 0.35 -17.86 | 22.86 0.33 -16.60 | 22.73 0.35 -16.01 | 18.96 0.50 -7.84 | 20.86 0.57 -7.71 | 21.07 0.85 -3.13 | 28.29 0.99 -7.79 | 27.89 0.97 -7.86 | 27.48 0.98 -7.35 | 26.50 0.87 -8.65 | 24.73 0.81 -8.08 | 22.64 0.80 -6.13 | 24.56 0.81 -7.94 | 26.60 0.80 -10.02 | 29.77 0.84 -12.37 | 30.66 0.81 -14.03 | 32.13 0.87 -14.18 | 34.17 1.06 -12.40 | 24.93 1.00 -4.42 | 20.61 0.81 -3.90 | 24.80 0.56 -11.97 |
| MID___OSWEGATCHIE_HYD 23849 | 5.86 -0.37 0.00 | 6.48 -0.41 0.00 | 6.43 -0.40 0.00 | 5.85 -0.37 0.00 | 5.56 -0.37 0.00 | 6.01 -0.36 0.00 | 9.98 -0.64 0.00 | 11.85 -0.73 0.00 | 15.94 -1.14 0.00 | 18.14 -1.37 0.00 | 17.67 -1.39 0.00 | 17.75 -1.40 0.00 | 15.71 -1.27 0.00 | 14.72 -1.12 0.00 | 14.62 -1.08 0.00 | 14.72 -1.09 0.00 | 14.69 -1.09 0.00 | 15.36 -1.19 0.00 | 14.73 -1.09 0.00 | 15.82 -1.26 0.00 | 19.20 -1.51 0.00 | 18.15 -1.37 0.00 | 14.81 -1.08 0.00 | 11.50 -0.76 0.00 |
| MID___RAQUETTE_HYD 23851 | 5.75 -0.49 0.00 | 6.37 -0.52 0.00 | 6.33 -0.51 0.00 | 5.76 -0.46 0.00 | 5.46 -0.47 0.00 | 5.93 -0.44 0.00 | 9.85 -0.76 0.00 | 11.69 -0.89 0.00 | 15.54 -1.54 0.00 | 17.58 -1.93 0.00 | 17.12 -1.94 0.00 | 17.20 -1.95 0.00 | 15.24 -1.75 0.00 | 14.36 -1.49 0.00 | 14.29 -1.41 0.00 | 14.37 -1.44 0.00 | 14.36 -1.42 0.00 | 14.97 -1.59 0.00 | 14.38 -1.44 0.00 | 15.37 -1.71 0.00 | 18.62 -2.09 0.00 | 17.59 -1.93 0.00 | 14.42 -1.48 0.00 | 11.30 -0.97 0.00 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MILLIKEN___1 23584 | 9.89 0.10 -3.56 | 9.92 0.09 -2.94 | 9.46 0.09 -2.54 | 8.75 0.06 -2.47 | 8.30 0.07 -2.30 | 8.64 0.05 -2.21 | 11.82 0.12 -1.08 | 13.81 0.16 -1.07 | 17.77 0.26 -0.43 | 20.94 0.35 -1.08 | 20.47 0.32 -1.09 | 20.47 0.31 -1.02 | 18.44 0.26 -1.19 | 17.15 0.19 -1.12 | 16.73 0.17 -0.85 | 17.10 0.19 -1.10 | 17.34 0.17 -1.38 | 18.48 0.21 -1.71 | 17.95 0.19 -1.94 | 19.30 0.26 -1.96 | 22.78 0.35 -1.71 | 20.46 0.33 -0.61 | 16.62 0.21 -0.52 | 14.06 0.15 -1.65 |
| MILLIKEN___2 23585 | 9.89 0.10 -3.56 | 9.92 0.09 -2.94 | 9.46 0.09 -2.54 | 8.75 0.06 -2.47 | 8.30 0.07 -2.30 | 8.64 0.05 -2.21 | 11.82 0.12 -1.08 | 13.81 0.16 -1.07 | 17.77 0.26 -0.43 | 20.94 0.35 -1.08 | 20.47 0.32 -1.09 | 20.47 0.31 -1.02 | 18.44 0.26 -1.19 | 17.15 0.19 -1.12 | 16.73 0.17 -0.85 | 17.10 0.19 -1.10 | 17.34 0.17 -1.38 | 18.48 0.21 -1.71 | 17.95 0.19 -1.94 | 19.30 0.26 -1.96 | 22.78 0.35 -1.71 | 20.46 0.33 -0.61 | 16.62 0.21 -0.52 | 14.06 0.15 -1.65 |
| MILLIKEN___DIESEL 23629 | 9.89 0.10 -3.56 | 9.92 0.09 -2.94 | 9.46 0.09 -2.54 | 8.75 0.06 -2.47 | 8.30 0.07 -2.30 | 8.64 0.05 -2.21 | 11.82 0.12 -1.08 | 13.81 0.16 -1.07 | 17.77 0.26 -0.43 | 20.94 0.35 -1.08 | 20.47 0.32 -1.09 | 20.47 0.31 -1.02 | 18.44 0.26 -1.19 | 17.15 0.19 -1.12 | 16.73 0.17 -0.85 | 17.10 0.19 -1.10 | 17.34 0.17 -1.38 | 18.48 0.21 -1.71 | 17.95 0.19 -1.94 | 19.30 0.26 -1.96 | 22.78 0.35 -1.71 | 20.46 0.33 -0.61 | 16.62 0.21 -0.52 | 14.06 0.15 -1.65 |
| MILLSEAT___LFGE 323607 | 9.03 -0.09 -2.88 | 9.16 -0.10 -2.38 | 8.80 -0.10 -2.06 | 8.11 -0.11 -2.00 | 7.72 -0.07 -1.86 | 8.04 -0.13 -1.79 | 11.24 -0.25 -0.88 | 12.97 -0.48 -0.86 | 16.53 -0.91 -0.35 | 19.42 -0.96 -0.87 | 18.99 -0.95 -0.88 | 19.00 -0.98 -0.82 | 17.09 -0.87 -0.97 | 15.89 -0.86 -0.90 | 15.50 -0.89 -0.69 | 15.78 -0.92 -0.89 | 15.97 -0.93 -1.12 | 16.96 -0.98 -1.38 | 16.43 -0.97 -1.57 | 17.68 -0.99 -1.59 | 20.96 -1.14 -1.39 | 18.98 -1.04 -0.49 | 15.52 -0.79 -0.42 | 13.25 -0.36 -1.34 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 26.97 0.65 -20.09 | 24.19 0.72 -16.58 | 21.88 0.72 -14.32 | 20.72 0.65 -13.84 | 19.42 0.62 -12.87 | 19.43 0.65 -12.41 | 17.84 1.14 -6.08 | 19.93 1.35 -6.00 | 21.65 1.95 -2.62 | 27.90 2.24 -6.15 | 27.49 2.19 -6.24 | 27.22 2.22 -5.85 | 25.84 1.97 -6.88 | 24.17 1.84 -6.49 | 22.50 1.79 -5.00 | 23.99 1.82 -6.36 | 25.55 1.81 -7.95 | 28.19 1.92 -9.72 | 28.62 1.80 -10.99 | 30.11 1.96 -11.07 | 32.81 2.40 -9.70 | 25.33 2.26 -3.55 | 24.12 1.86 -6.36 | 22.93 1.37 -9.30 |
| MODEL_CITY_ENERGY 24167 | 9.08 -0.21 -3.05 | 9.16 -0.24 -2.52 | 8.78 -0.23 -2.17 | 8.12 -0.22 -2.11 | 7.72 -0.17 -1.97 | 8.02 -0.24 -1.90 | 11.08 -0.47 -0.93 | 12.69 -0.81 -0.91 | 16.03 -1.42 -0.37 | 18.87 -1.56 -0.92 | 18.46 -1.53 -0.93 | 18.47 -1.55 -0.87 | 16.67 -1.34 -1.02 | 15.50 -1.30 -0.96 | 15.08 -1.35 -0.73 | 15.39 -1.36 -0.94 | 15.61 -1.36 -1.19 | 16.63 -1.39 -1.46 | 16.12 -1.36 -1.66 | 17.31 -1.45 -1.68 | 20.46 -1.72 -1.47 | 18.48 -1.56 -0.52 | 15.19 -1.14 -0.44 | 13.09 -0.59 -1.41 |
| MODERN_LFGE___ 323580 | 9.08 -0.21 -3.05 | 9.16 -0.24 -2.52 | 8.78 -0.23 -2.17 | 8.12 -0.22 -2.11 | 7.72 -0.17 -1.97 | 8.02 -0.24 -1.90 | 11.08 -0.47 -0.93 | 12.69 -0.81 -0.91 | 16.03 -1.42 -0.37 | 18.87 -1.56 -0.92 | 18.46 -1.53 -0.93 | 18.47 -1.55 -0.87 | 16.67 -1.34 -1.02 | 15.50 -1.30 -0.96 | 15.08 -1.35 -0.73 | 15.39 -1.36 -0.94 | 15.61 -1.36 -1.19 | 16.63 -1.39 -1.46 | 16.12 -1.36 -1.66 | 17.31 -1.45 -1.68 | 20.46 -1.72 -1.47 | 18.48 -1.56 -0.52 | 15.19 -1.14 -0.44 | 13.09 -0.59 -1.41 |
| MOHAWK_PAPER___DRP 24187 | 33.27 0.39 -26.65 | 29.31 0.42 -22.00 | 26.24 0.41 -19.00 | 25.06 0.37 -18.47 | 23.46 0.36 -17.17 | 23.31 0.38 -16.56 | 19.27 0.54 -8.11 | 21.17 0.62 -7.98 | 21.28 0.96 -3.24 | 28.67 1.11 -8.05 | 28.28 1.09 -8.13 | 27.85 1.09 -7.60 | 26.90 0.97 -8.95 | 25.09 0.89 -8.36 | 22.93 0.88 -6.34 | 24.90 0.87 -8.21 | 27.01 0.87 -10.36 | 30.30 0.94 -12.80 | 31.24 0.90 -14.52 | 32.72 0.97 -14.67 | 34.72 1.18 -12.83 | 25.20 1.11 -4.57 | 20.67 0.89 -3.88 | 25.26 0.61 -12.38 |
| MONGAUP___HYD 23641 | 25.26 0.65 -18.38 | 22.79 0.74 -15.17 | 20.66 0.72 -13.10 | 19.61 0.65 -12.74 | 18.38 0.61 -11.84 | 18.46 0.67 -11.42 | 17.35 1.14 -5.59 | 19.28 1.20 -5.50 | 21.12 1.81 -2.23 | 27.20 2.15 -5.55 | 26.70 2.04 -5.60 | 26.48 2.09 -5.24 | 24.97 1.82 -6.16 | 23.33 1.73 -5.76 | 21.77 1.70 -4.37 | 23.26 1.79 -5.66 | 24.74 1.81 -7.15 | 27.16 1.77 -8.83 | 27.56 1.72 -10.01 | 29.07 1.88 -10.11 | 31.82 2.26 -8.85 | 24.78 2.11 -3.15 | 23.31 1.72 -5.70 | 22.00 1.25 -8.48 |
| MONTAUK___DIESEL 23721 | 28.48 1.15 -21.10 | 25.65 1.27 -17.50 | 23.40 1.22 -15.34 | 22.21 1.12 -14.87 | 22.05 1.08 -15.04 | 22.00 1.15 -14.48 | 23.22 2.18 -10.43 | 24.89 2.36 -9.95 | 27.68 3.72 -6.88 | 31.85 4.27 -8.07 | 32.71 3.96 -9.69 | 33.08 4.04 -9.89 | 31.32 3.45 -10.89 | 30.76 3.22 -11.70 | 28.32 3.14 -9.47 | 28.14 3.13 -9.19 | 28.74 3.44 -9.52 | 30.49 3.79 -10.15 | 30.70 3.47 -11.41 | 32.23 3.72 -11.42 | 35.60 4.60 -10.29 | 30.77 3.94 -7.30 | 27.51 3.23 -8.39 | 25.30 2.51 -10.52 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 33.63 0.72 -26.68 | 29.68 0.80 -21.99 | 26.93 0.79 -19.30 | 20.90 0.73 -13.95 | 19.57 0.69 -12.95 | 19.61 0.73 -12.51 | 18.01 1.25 -6.14 | 21.44 1.48 -7.38 | 33.13 2.13 -13.91 | 34.83 2.48 -12.85 | 36.65 2.42 -15.17 | 36.24 2.45 -14.64 | 36.49 2.17 -17.33 | 37.51 2.01 -19.65 | 37.12 1.98 -19.44 | 36.04 1.99 -18.23 | 36.67 2.00 -18.88 | 35.68 2.10 -17.03 | 35.52 1.98 -17.72 | 35.04 2.15 -15.81 | 37.86 2.65 -14.50 | 32.86 2.48 -10.86 | 31.46 2.04 -13.53 | 28.61 1.51 -14.83 |
| MUNSVILLE_WIND_PWR 323609 | 12.65 0.43 -5.99 | 12.29 0.46 -4.95 | 11.56 0.46 -4.27 | 10.77 0.40 -4.15 | 10.14 0.35 -3.86 | 10.46 0.36 -3.72 | 13.10 0.66 -1.82 | 15.15 0.78 -1.79 | 19.05 1.25 -0.73 | 22.84 1.52 -1.81 | 22.30 1.41 -1.83 | 22.30 1.44 -1.71 | 20.19 1.19 -2.01 | 18.77 1.05 -1.88 | 18.14 1.01 -1.43 | 18.72 1.06 -1.85 | 19.13 1.03 -2.33 | 20.54 1.11 -2.88 | 20.14 1.06 -3.26 | 21.56 1.18 -3.30 | 25.06 1.47 -2.88 | 21.97 1.42 -1.03 | 17.91 1.02 -1.00 | 15.79 0.75 -2.78 |
| N SALMON___HYD 24042 | 5.91 -0.32 0.00 | 6.56 -0.32 0.00 | 6.51 -0.32 0.00 | 5.93 -0.29 0.00 | 5.63 -0.30 0.00 | 6.11 -0.26 0.00 | 10.15 -0.47 0.00 | 12.12 -0.47 0.00 | 16.26 -0.82 0.00 | 18.42 -1.09 0.00 | 18.03 -1.03 0.00 | 18.12 -1.03 0.00 | 16.05 -0.93 0.00 | 15.04 -0.81 0.00 | 15.00 -0.71 0.00 | 15.05 -0.76 0.00 | 15.07 -0.71 0.00 | 15.74 -0.81 0.00 | 15.08 -0.74 0.00 | 16.21 -0.87 0.00 | 19.61 -1.10 0.00 | 18.47 -1.05 0.00 | 14.94 -0.95 0.00 | 11.60 -0.66 0.00 |
| N.E_GEN_SANDY PD 24062 | 29.85 0.49 -23.13 | 26.52 0.54 -19.09 | 23.85 0.53 -16.48 | 22.73 0.49 -16.03 | 21.30 0.47 -14.90 | 21.24 0.50 -14.37 | 18.54 0.88 -7.04 | 20.70 1.03 -7.09 | 23.99 1.50 -5.40 | 28.23 1.74 -6.98 | 27.80 1.70 -7.05 | 27.45 1.70 -6.59 | 26.25 1.51 -7.75 | 24.50 1.41 -7.24 | 22.77 1.38 -5.68 | 24.32 1.39 -7.12 | 26.15 1.39 -8.98 | 29.14 1.47 -11.11 | 29.80 1.39 -12.59 | 31.32 1.52 -12.72 | 33.68 1.84 -11.12 | 25.20 1.72 -3.96 | 22.20 1.37 -4.94 | 24.00 0.98 -10.75 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 26.28 0.65 -19.39 | 23.63 0.73 -16.01 | 21.38 0.72 -13.82 | 20.32 0.66 -13.44 | 19.04 0.62 -12.50 | 19.08 0.66 -12.05 | 17.66 1.14 -5.90 | 19.72 1.33 -5.80 | 21.37 1.93 -2.36 | 27.61 2.24 -5.86 | 27.16 2.19 -5.91 | 26.90 2.22 -5.53 | 25.46 1.97 -6.50 | 23.76 1.84 -6.08 | 22.11 1.79 -4.61 | 23.60 1.82 -5.97 | 25.15 1.83 -7.54 | 27.79 1.92 -9.31 | 28.19 1.80 -10.56 | 29.72 1.96 -10.67 | 32.45 2.40 -9.34 | 25.11 2.26 -3.32 | 23.91 1.84 -6.17 | 22.65 1.36 -9.02 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_1 24228 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_2 24229 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_3 24230 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_4 24231 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_5 24232 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_6 24233 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NARROWS_GT1_7 24234 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.2 | | | |

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|---------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_8 24243 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 29.28 0.50 -22.54 | 26.06 0.56 -18.61 | 23.46 0.55 -16.07 | 22.34 0.50 -15.62 | 20.92 0.47 -14.52 | 20.89 0.52 -14.01 | 18.29 0.81 -6.86 | 20.16 0.83 -6.75 | 21.14 1.32 -2.74 | 27.90 1.58 -6.81 | 27.43 1.49 -6.88 | 27.10 1.51 -6.43 | 25.86 1.31 -7.57 | 24.17 1.25 -7.07 | 22.30 1.23 -5.37 | 24.06 1.30 -6.95 | 25.84 1.31 -8.75 | 28.64 1.27 -10.81 | 29.33 1.25 -12.26 | 30.83 1.37 -12.39 | 33.18 1.64 -10.83 | 24.92 1.54 -3.86 | 23.48 1.24 -6.34 | 23.59 0.87 -10.45 |
| NEG CAPITAL___MECHNVIL 23645 | 34.35 0.41 -27.70 | 30.20 0.45 -22.87 | 27.01 0.43 -19.75 | 25.80 0.38 -19.20 | 24.15 0.37 -17.85 | 23.97 0.38 -17.22 | 19.73 0.68 -8.43 | 21.69 0.82 -8.29 | 21.68 1.23 -3.37 | 29.33 1.44 -8.38 | 28.93 1.41 -8.46 | 28.40 1.34 -7.91 | 27.48 1.19 -9.30 | 25.61 1.08 -8.69 | 23.37 1.07 -6.60 | 25.41 1.06 -8.54 | 27.60 1.04 -10.78 | 31.01 1.14 -13.31 | 32.09 1.17 -15.10 | 33.57 1.23 -15.25 | 35.55 1.49 -13.34 | 25.68 1.41 -4.75 | 21.09 1.16 -4.04 | 25.94 0.81 -12.87 |
| NEG CENTRAL_HIGH_ACRES 23767 | 8.35 -0.22 -2.34 | 8.57 -0.25 -1.93 | 8.26 -0.25 -1.67 | 7.60 -0.24 -1.62 | 7.22 -0.21 -1.51 | 7.56 -0.26 -1.45 | 10.91 -0.43 -0.71 | 12.73 -0.55 -0.70 | 16.53 -0.84 -0.28 | 19.30 -0.92 -0.71 | 18.90 -0.88 -0.71 | 18.90 -0.92 -0.67 | 16.96 -0.82 -0.78 | 15.77 -0.81 -0.73 | 15.46 -0.80 -0.56 | 15.73 -0.81 -0.72 | 15.85 -0.84 -0.91 | 16.85 -0.83 -1.12 | 16.29 -0.81 -1.27 | 17.55 -0.82 -1.29 | 20.90 -0.93 -1.12 | 19.04 -0.88 -0.40 | 15.49 -0.75 -0.34 | 12.86 -0.49 -1.08 |
| NEG CENTRAL___DRP 24199 | 8.78 0.03 -2.51 | 8.98 0.01 -2.08 | 8.64 0.01 -1.79 | 7.96 0.00 -1.74 | 7.56 0.01 -1.62 | 7.92 -0.02 -1.56 | 11.37 -0.01 -0.77 | 13.33 0.00 -0.75 | 17.37 -0.02 -0.31 | 20.29 0.02 -0.76 | 19.85 0.02 -0.77 | 19.87 0.00 -0.72 | 17.81 -0.02 -0.84 | 16.57 -0.06 -0.79 | 16.23 -0.08 -0.60 | 16.52 -0.06 -0.77 | 16.68 -0.08 -0.98 | 17.71 -0.05 -1.21 | 17.14 -0.05 -1.37 | 18.45 -0.02 -1.38 | 21.96 0.04 -1.21 | 19.97 0.02 -0.43 | 16.21 -0.05 -0.37 | 13.43 0.00 -1.17 |
| NEG CENTRAL___INDECK 23768 | 9.77 0.10 -3.43 | 9.81 0.09 -2.83 | 9.37 0.09 -2.45 | 8.66 0.06 -2.38 | 8.22 0.08 -2.21 | 8.54 0.04 -2.13 | 11.75 0.08 -1.05 | 13.66 0.05 -1.03 | 17.45 -0.05 -0.42 | 20.56 0.02 -1.04 | 20.13 0.02 -1.05 | 20.11 -0.02 -0.98 | 18.11 -0.03 -1.15 | 16.81 -0.11 -1.08 | 16.40 -0.13 -0.82 | 16.74 -0.13 -1.06 | 16.94 -0.17 -1.33 | 18.11 -0.10 -1.65 | 17.58 -0.11 -1.87 | 18.92 -0.05 -1.89 | 22.38 0.02 -1.65 | 20.11 0.00 -0.59 | 16.33 -0.06 -0.50 | 13.93 0.07 -1.59 |
| NEG CENTRAL___SENECA 23627 | 9.09 0.05 -2.81 | 9.24 0.03 -2.32 | 8.88 0.03 -2.01 | 8.19 0.02 -1.95 | 7.78 0.04 -1.81 | 8.12 0.00 -1.75 | 11.50 0.02 -0.86 | 13.45 0.03 -0.84 | 17.41 -0.02 -0.34 | 20.40 0.04 -0.85 | 19.94 0.02 -0.86 | 19.95 0.00 -0.80 | 17.91 -0.02 -0.94 | 16.66 -0.06 -0.88 | 16.30 -0.08 -0.67 | 16.60 -0.08 -0.87 | 16.78 -0.09 -1.09 | 17.86 -0.05 -1.35 | 17.31 -0.05 -1.53 | 18.63 0.00 -1.55 | 22.11 0.04 -1.35 | 20.02 0.02 -0.48 | 16.26 -0.05 -0.41 | 13.59 0.02 -1.31 |
| NEG CENTRAL___STATE_STREET 24147 | 8.91 0.14 -2.54 | 9.11 0.12 -2.10 | 8.78 0.13 -1.81 | 8.08 0.10 -1.76 | 7.68 0.11 -1.64 | 8.04 0.09 -1.58 | 11.57 0.18 -0.77 | 13.59 0.25 -0.76 | 17.75 0.36 -0.31 | 20.76 0.49 -0.77 | 20.31 0.48 -0.78 | 20.34 0.46 -0.73 | 18.21 0.37 -0.85 | 16.94 0.30 -0.80 | 16.59 0.28 -0.61 | 16.90 0.30 -0.78 | 17.04 0.27 -0.99 | 18.09 0.31 -1.22 | 17.49 0.29 -1.39 | 18.86 0.38 -1.40 | 22.47 0.54 -1.22 | 20.45 0.49 -0.44 | 16.57 0.30 -0.37 | 13.67 0.22 -1.18 |
| NEG MILLWOOD___DRP 24198 | 27.69 0.69 -20.77 | 24.79 0.76 -17.14 | 22.40 0.76 -14.80 | 21.30 0.68 -14.39 | 19.95 0.64 -13.38 | 19.96 0.68 -12.90 | 18.13 1.19 -6.32 | 20.18 1.38 -6.22 | 21.64 2.03 -2.52 | 28.13 2.36 -6.26 | 27.67 2.29 -6.32 | 27.38 2.32 -5.91 | 25.98 2.04 -6.95 | 24.24 1.90 -6.50 | 22.49 1.85 -4.93 | 24.08 1.88 -6.39 | 25.71 1.89 -8.04 | 28.47 1.99 -9.93 | 28.97 1.88 -11.26 | 30.53 2.07 -11.38 | 33.19 2.53 -9.96 | 25.43 2.36 -3.54 | 24.18 1.91 -6.38 | 23.27 1.40 -9.61 |
| NEG NORTH_FLCN_SEA 23793 | 6.03 -0.21 0.00 | 6.69 -0.20 0.00 | 6.64 -0.20 0.00 | 6.04 -0.18 0.00 | 5.74 -0.19 0.00 | 6.23 -0.15 0.00 | 10.34 -0.28 0.00 | 12.33 -0.25 0.00 | 16.62 -0.46 0.00 | 18.86 -0.64 0.00 | 18.47 -0.59 0.00 | 18.56 -0.59 0.00 | 16.46 -0.53 0.00 | 15.40 -0.44 0.00 | 15.33 -0.38 0.00 | 15.39 -0.43 0.00 | 15.40 -0.38 0.00 | 16.11 -0.45 0.00 | 15.41 -0.41 0.00 | 16.58 -0.50 0.00 | 20.07 -0.64 0.00 | 18.90 -0.63 0.00 | 15.28 -0.62 0.00 | 11.83 -0.43 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 5.96 -0.27 0.00 | 6.61 -0.28 0.00 | 6.56 -0.27 0.00 | 5.98 -0.24 0.00 | 5.68 -0.25 0.00 | 6.16 -0.22 0.00 | 10.24 -0.38 0.00 | 12.19 -0.39 0.00 | 16.43 -0.65 0.00 | 18.65 -0.86 0.00 | 18.26 -0.80 0.00 | 18.35 -0.80 0.00 | 16.27 -0.71 0.00 | 15.23 -0.62 0.00 | 15.17 -0.53 0.00 | 15.23 -0.58 0.00 | 15.23 -0.55 0.00 | 15.93 -0.63 0.00 | 15.24 -0.59 0.00 | 16.41 -0.67 0.00 | 19.84 -0.87 0.00 | 18.68 -0.84 0.00 | 15.12 -0.78 0.00 | 11.71 -0.55 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 6.00 -0.23 0.00 | 6.66 -0.22 0.00 | 6.62 -0.22 0.00 | 6.02 -0.20 0.00 | 5.72 -0.21 0.00 | 6.20 -0.17 0.00 | 10.31 -0.31 0.00 | 12.30 -0.28 0.00 | 16.57 -0.51 0.00 | 18.79 -0.72 0.00 | 18.41 -0.65 0.00 | 18.50 -0.65 0.00 | 16.41 -0.58 0.00 | 15.34 -0.51 0.00 | 15.30 -0.41 0.00 | 15.34 -0.47 0.00 | 15.35 -0.43 0.00 | 16.06 -0.50 0.00 | 15.36 -0.46 0.00 | 16.55 -0.53 0.00 | 20.03 -0.68 0.00 | 18.84 -0.68 0.00 | 15.23 -0.67 0.00 | 11.79 -0.48 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 6.00 -0.23 0.00 | 6.66 -0.22 0.00 | 6.62 -0.22 0.00 | 6.02 -0.20 0.00 | 5.72 -0.21 0.00 | 6.20 -0.17 0.00 | 10.31 -0.31 0.00 | 12.30 -0.28 0.00 | 16.57 -0.51 0.00 | 18.79 -0.72 0.00 | 18.41 -0.65 0.00 | 18.50 -0.65 0.00 | 16.41 -0.58 0.00 | 15.34 -0.51 0.00 | 15.30 -0.41 0.00 | 15.34 -0.47 0.00 | 15.35 -0.43 0.00 | 16.06 -0.50 0.00 | 15.36 -0.46 0.00 | 16.55 -0.53 0.00 | 20.03 -0.68 0.00 | 18.84 -0.68 0.00 | 15.23 -0.67 0.00 | 11.79 -0.48 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 6.00 -0.23 0.00 | 6.66 -0.22 0.00 | 6.62 -0.22 0.00 | 6.02 -0.20 0.00 | 5.72 -0.21 0.00 | 6.20 -0.17 0.00 | 10.31 -0.31 0.00 | 12.30 -0.28 0.00 | 16.57 -0.51 0.00 | 18.79 -0.72 0.00 | 18.41 -0.65 0.00 | 18.50 -0.65 0.00 | 16.41 -0.58 0.00 | 15.34 -0.51 0.00 | 15.30 -0.41 0.00 | 15.34 -0.47 0.00 | 15.35 -0.43 0.00 | 16.06 -0.50 0.00 | 15.36 -0.46 0.00 | 16.55 -0.53 0.00 | 20.03 -0.68 0.00 | 18.84 -0.68 0.00 | 15.23 -0.67 0.00 | 11.79 -0.48 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 9.10 -0.14 -3.01 | 9.20 -0.17 -2.49 | 8.82 -0.16 -2.15 | 8.15 -0.16 -2.09 | 7.75 -0.12 -1.94 | 8.06 -0.18 -1.87 | 11.19 -0.35 -0.92 | 12.84 -0.64 -0.90 | 16.28 -1.16 -0.37 | 19.17 -1.25 -0.91 | 18.74 -1.24 -0.92 | 18.75 -1.26 -0.86 | 16.91 -1.09 -1.01 | 15.73 -1.06 -0.94 | 15.31 -1.11 -0.72 | 15.60 -1.14 -0.93 | 15.81 -1.14 -1.17 | 16.81 -1.19 -1.45 | 16.29 -1.17 -1.64 | 17.49 -1.25 -1.66 | 20.69 -1.47 -1.45 | 18.71 -1.33 -0.52 | 15.35 -0.99 -0.44 | 13.19 -0.48 -1.40 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG WEST___LANCASTR 23811 | 9.80 0.04 -3.53 | 9.84 0.03 -2.92 | 9.40 0.04 -2.52 | 8.69 0.02 -2.45 | 8.26 0.05 -2.28 | 8.57 0.00 -2.20 | 11.66 -0.03 -1.08 | 13.46 -0.18 -1.06 | 17.07 -0.44 -0.43 | 20.15 -0.43 -1.07 | 19.70 -0.44 -1.08 | 19.70 -0.46 -1.01 | 17.80 -0.37 -1.19 | 16.56 -0.47 -1.11 | 16.08 -0.47 -0.84 | 16.41 -0.49 -1.09 | 16.68 -0.47 -1.37 | 17.82 -0.43 -1.70 | 17.29 -0.46 -1.92 | 18.56 -0.46 -1.94 | 21.85 -0.56 -1.70 | 19.60 -0.53 -0.61 | 16.04 -0.36 -0.51 | 13.87 -0.04 -1.64 |
| NEG_PENN_ALLEGHNY 23528 | 13.07 0.19 -6.65 | 12.57 0.20 -5.49 | 11.77 0.20 -4.74 | 11.00 0.17 -4.61 | 10.39 0.18 -4.28 | 10.66 0.16 -4.13 | 12.93 0.29 -2.02 | 14.91 0.34 -1.99 | 18.35 0.46 -0.81 | 22.08 0.57 -2.01 | 21.62 0.53 -2.03 | 21.58 0.54 -1.89 | 19.68 0.46 -2.23 | 18.32 0.40 -2.08 | 17.66 0.38 -1.58 | 18.24 0.38 -2.05 | 18.74 0.38 -2.58 | 20.18 0.43 -3.19 | 19.84 0.40 -3.62 | 21.20 0.46 -3.66 | 24.49 0.58 -3.20 | 21.19 0.53 -1.14 | 17.42 0.41 -1.11 | 15.69 0.34 -3.08 |
| NEG___GEN_MONROE 24207 | 8.62 -0.07 -2.45 | 8.83 -0.08 -2.03 | 8.52 -0.07 -1.75 | 7.85 -0.07 -1.70 | 7.45 -0.06 -1.58 | 7.80 -0.10 -1.53 | 11.21 -0.16 -0.75 | 13.03 -0.29 -0.73 | 16.82 -0.56 -0.30 | 19.66 -0.58 -0.74 | 19.24 -0.57 -0.75 | 19.24 -0.61 -0.70 | 17.25 -0.56 -0.82 | 16.03 -0.59 -0.77 | 15.71 -0.58 -0.58 | 15.98 -0.58 -0.76 | 16.10 -0.63 -0.95 | 17.12 -0.61 -1.18 | 16.56 -0.60 -1.34 | 17.83 -0.60 -1.35 | 21.25 -0.64 -1.18 | 19.32 -0.63 -0.42 | 15.74 -0.51 -0.36 | 13.16 -0.25 -1.14 |
| NEPA___ENERGY 23901 | 10.42 -0.04 -4.23 | 10.33 -0.05 -3.49 | 9.81 -0.04 -3.01 | 9.11 -0.04 -2.93 | 8.64 -0.02 -2.72 | 8.92 -0.08 -2.63 | 11.76 -0.15 -1.29 | 13.56 -0.29 -1.27 | 17.03 -0.56 -0.51 | 20.18 -0.60 -1.28 | 19.74 -0.61 -1.29 | 19.71 -0.65 -1.21 | 17.86 -0.54 -1.42 | 16.63 -0.54 -1.32 | 16.13 -0.58 -1.01 | 16.53 -0.58 -1.30 | 16.84 -0.58 -1.64 | 18.04 -0.55 -2.03 | 17.59 -0.54 -2.30 | 18.84 -0.56 -2.33 | 22.04 -0.70 -2.04 | 19.56 -0.68 -0.72 | 16.02 -0.49 -0.61 | 14.05 -0.17 -1.96 |
| NEVERSINK___HYD 23608 | 27.34 0.10 -21.01 | 24.35 0.12 -17.34 | 21.92 0.11 -14.98 | 20.88 0.09 -14.56 | 19.55 0.08 -13.54 | 19.52 0.10 -13.06 | 17.22 0.20 -6.40 | 19.02 0.15 -6.29 | 20.04 0.41 -2.55 | 26.39 0.55 -6.34 | 25.95 0.49 -6.40 | 25.65 0.52 -5.98 | 24.47 0.44 -7.04 | 22.85 0.43 -6.58 | 21.11 0.41 -4.99 | 22.77 0.49 -6.46 | 24.37 0.49 -8.10 | 26.96 0.40 -10.01 | 27.56 0.40 -11.35 | 28.99 0.44 -11.47 | 31.28 0.54 -10.03 | 23.60 0.51 -3.57 | 23.04 0.40 -6.74 | 22.14 0.21 -9.67 |
| NEWTON___FALLS_HYD 23847 | 5.86 -0.37 0.00 | 6.48 -0.41 0.00 | 6.43 -0.40 0.00 | 5.85 -0.37 0.00 | 5.56 -0.37 0.00 | 6.01 -0.36 0.00 | 9.98 -0.64 0.00 | 11.85 -0.73 0.00 | 15.94 -1.14 0.00 | 18.14 -1.37 0.00 | 17.67 -1.39 0.00 | 17.75 -1.40 0.00 | 15.71 -1.27 0.00 | 14.72 -1.12 0.00 | 14.62 -1.08 0.00 | 14.72 -1.09 0.00 | 14.69 -1.09 0.00 | 15.36 -1.19 0.00 | 14.73 -1.09 0.00 | 15.82 -1.26 0.00 | 19.20 -1.51 0.00 | 18.15 -1.37 0.00 | 14.81 -1.08 0.00 | 11.50 -0.76 0.00 |
| NIAGARA_115E_LBMP 323715 | 9.07 -0.25 -3.08 | 9.15 -0.28 -2.55 | 8.76 -0.27 -2.20 | 8.10 -0.26 -2.14 | 7.71 -0.21 -1.99 | 8.01 -0.28 -1.92 | 11.02 -0.54 -0.94 | 12.60 -0.91 -0.92 | 15.88 -1.57 -0.37 | 18.70 -1.74 -0.93 | 18.28 -1.72 -0.94 | 18.31 -1.72 -0.88 | 16.53 -1.50 -1.03 | 15.37 -1.44 -0.97 | 14.95 -1.49 -0.73 | 15.26 -1.50 -0.95 | 15.48 -1.50 -1.20 | 16.55 -1.49 -1.48 | 16.05 -1.46 -1.68 | 17.22 -1.55 -1.70 | 20.33 -1.86 -1.49 | 18.37 -1.68 -0.53 | 15.10 -1.24 -0.45 | 13.05 -0.64 -1.43 |
| NIAGARA_115W_LBMP 323714 | 9.05 -0.25 -3.07 | 9.14 -0.28 -2.54 | 8.75 -0.27 -2.19 | 8.09 -0.26 -2.13 | 7.70 -0.21 -1.98 | 7.99 -0.29 -1.91 | 11.01 -0.54 -0.93 | 12.61 -0.89 -0.92 | 15.90 -1.55 -0.37 | 18.70 -1.74 -0.93 | 18.28 -1.72 -0.94 | 18.30 -1.72 -0.88 | 16.54 -1.48 -1.03 | 15.38 -1.43 -0.96 | 14.96 -1.48 -0.73 | 15.26 -1.50 -0.95 | 15.49 -1.48 -1.19 | 16.52 -1.51 -1.48 | 16.02 -1.47 -1.67 | 17.20 -1.57 -1.69 | 20.30 -1.88 -1.48 | 18.35 -1.70 -0.53 | 15.09 -1.26 -0.45 | 13.03 -0.66 -1.42 |
| NIAGARA_230_LBMP 323716 | 9.05 -0.22 -3.04 | 9.14 -0.25 -2.51 | 8.75 -0.25 -2.16 | 8.09 -0.24 -2.11 | 7.70 -0.19 -1.96 | 8.00 -0.26 -1.89 | 11.06 -0.49 -0.92 | 12.70 -0.79 -0.91 | 16.08 -1.37 -0.37 | 18.90 -1.52 -0.92 | 18.50 -1.49 -0.93 | 18.50 -1.51 -0.87 | 16.71 -1.29 -1.02 | 15.55 -1.25 -0.95 | 15.14 -1.29 -0.72 | 15.44 -1.31 -0.94 | 15.65 -1.31 -1.18 | 16.71 -1.31 -1.46 | 16.19 -1.28 -1.65 | 17.39 -1.37 -1.67 | 20.54 -1.64 -1.46 | 18.54 -1.50 -0.52 | 15.24 -1.10 -0.44 | 13.08 -0.59 -1.41 |
| NIAGARA____ 23760 | 9.06 -0.24 -3.06 | 9.14 -0.28 -2.53 | 8.76 -0.26 -2.18 | 8.09 -0.25 -2.12 | 7.70 -0.20 -1.97 | 8.00 -0.27 -1.90 | 11.03 -0.52 -0.93 | 12.64 -0.86 -0.92 | 15.98 -1.47 -0.37 | 18.79 -1.64 -0.92 | 18.37 -1.62 -0.93 | 18.40 -1.63 -0.87 | 16.60 -1.41 -1.03 | 15.46 -1.35 -0.96 | 15.04 -1.40 -0.73 | 15.33 -1.42 -0.94 | 15.55 -1.42 -1.19 | 16.60 -1.42 -1.47 | 16.10 -1.39 -1.67 | 17.30 -1.47 -1.68 | 20.42 -1.76 -1.47 | 18.45 -1.60 -0.52 | 15.16 -1.18 -0.44 | 13.06 -0.63 -1.42 |
| NINE_MILE_1 23575 | 7.35 -0.14 -1.25 | 7.76 -0.16 -1.03 | 7.57 -0.16 -0.89 | 6.94 -0.14 -0.87 | 6.60 -0.14 -0.81 | 7.00 -0.15 -0.78 | 10.75 -0.25 -0.38 | 12.65 -0.30 -0.37 | 16.82 -0.41 -0.15 | 19.44 -0.45 -0.38 | 19.00 -0.44 -0.38 | 19.07 -0.44 -0.36 | 17.00 -0.41 -0.42 | 15.84 -0.40 -0.39 | 15.61 -0.39 -0.30 | 15.80 -0.39 -0.39 | 15.86 -0.41 -0.49 | 16.74 -0.41 -0.60 | 16.11 -0.39 -0.68 | 17.36 -0.41 -0.69 | 20.84 -0.48 -0.60 | 19.29 -0.45 -0.21 | 15.71 -0.36 -0.18 | 12.58 -0.27 -0.58 |
| NINE_MILE_2 23744 | 7.34 -0.14 -1.24 | 7.76 -0.15 -1.03 | 7.57 -0.16 -0.89 | 6.94 -0.14 -0.86 | 6.60 -0.14 -0.80 | 6.99 -0.15 -0.77 | 10.74 -0.25 -0.38 | 12.65 -0.30 -0.37 | 16.82 -0.41 -0.15 | 19.44 -0.45 -0.38 | 19.00 -0.44 -0.38 | 19.07 -0.44 -0.35 | 17.00 -0.41 -0.42 | 15.84 -0.40 -0.39 | 15.61 -0.39 -0.30 | 15.80 -0.39 -0.38 | 15.85 -0.41 -0.48 | 16.74 -0.41 -0.60 | 16.10 -0.39 -0.68 | 17.36 -0.41 -0.68 | 20.83 -0.48 -0.60 | 19.29 -0.45 -0.21 | 15.71 -0.36 -0.18 | 12.57 -0.27 -0.58 |
| NM_CAPITAL___DRP 24208 | 33.04 0.39 -26.42 | 29.11 0.42 -21.81 | 26.08 0.41 -18.83 | 24.90 0.37 -18.31 | 23.31 0.36 -17.02 | 23.16 0.38 -16.42 | 19.15 0.49 -8.04 | 21.04 0.55 -7.91 | 21.14 0.85 -3.21 | 28.49 0.99 -7.98 | 28.09 0.97 -8.06 | 27.67 0.98 -7.54 | 26.72 0.87 -8.87 | 24.92 0.79 -8.28 | 22.78 0.78 -6.29 | 24.74 0.79 -8.14 | 26.84 0.79 -10.27 | 30.09 0.84 -12.69 | 31.02 0.81 -14.39 | 32.49 0.87 -14.54 | 34.48 1.06 -12.72 | 25.03 0.98 -4.53 | 20.54 0.79 -3.85 | 25.08 0.54 -12.27 |
| NM_CENTRAL___DRP 24181 | 7.84 0.00 -1.61 | 8.20 -0.01 -1.33 | 7.96 -0.02 -1.15 | 7.31 -0.02 -1.12 | 6.96 -0.01 -1.04 | 7.33 -0.04 -1.00 | 11.07 -0.04 -0.49 | 13.03 -0.04 -0.48 | 17.23 -0.05 -0.20 | 19.98 -0.02 -0.49 | 19.53 -0.02 -0.49 | 19.59 -0.02 -0.46 | 17.49 -0.03 -0.54 | 16.30 -0.05 -0.50 | 16.03 -0.06 -0.38 | 16.25 -0.06 -0.50 | 16.33 -0.08 -0.63 | 17.28 -0.05 -0.77 | 16.64 -0.06 -0.88 | 17.93 -0.03 -0.89 | 21.48 0.00 -0.78 | 19.80 0.00 -0.28 | 16.10 -0.03 -0.23 | 13.00 -0.01 -0.75 |
| NM_FRONTIER___DRP 24179 | 9.05 -0.25 -3.07 | 9.14 -0.28 -2.54 | 8.75 -0.27 -2.19 | 8.09 -0.26 -2.13 | 7.70 -0.21 -1.98 | 7.99 -0.29 -1.91 | 11.01 -0.54 -0.93 | 12.61 -0.89 -0.92 | 15.90 -1.55 -0.37 | 18.70 -1.74 -0.93 | 18.28 -1.72 -0.94 | 18.30 -1.72 -0.88 | 16.54 -1.48 -1.03 | 15.38 -1.43 -0.96 | 14.96 -1.48 -0.73 | 15.26 -1.50 -0.95 | 15.49 -1.48 -1.19 | 16.52 -1.51 -1.48 | 16.02 -1.47 -1.67 | 17.20 -1.57 -1.69 | 20.30 -1.88 -1.48 | 18.35 -1.70 -0.53 | 15.09 -1.26 -0.45 | 13.03 -0.66 -1.42 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NM_ST_REGIS___HYD 24053 | 5.78 -0.45 0.00 | 6.41 -0.48 0.00 | 6.37 -0.47 0.00 | 5.80 -0.42 0.00 | 5.50 -0.43 0.00 | 5.97 -0.40 0.00 | 9.93 -0.69 0.00 | 11.79 -0.79 0.00 | 15.71 -1.37 0.00 | 17.77 -1.74 0.00 | 17.33 -1.73 0.00 | 17.41 -1.74 0.00 | 15.43 -1.56 0.00 | 14.52 -1.33 0.00 | 14.47 -1.24 0.00 | 14.53 -1.28 0.00 | 14.53 -1.25 0.00 | 15.15 -1.41 0.00 | 14.54 -1.28 0.00 | 15.58 -1.50 0.00 | 18.87 -1.84 0.00 | 17.78 -1.74 0.00 | 14.53 -1.37 0.00 | 11.37 -0.89 0.00 |
| NORTHPORT___1 23551 | 28.05 0.84 -20.98 | 25.20 0.93 -17.39 | 22.96 0.92 -15.21 | 21.80 0.85 -14.73 | 21.64 0.81 -14.90 | 21.59 0.86 -14.36 | 22.42 1.50 -10.30 | 24.14 1.72 -9.84 | 26.43 2.58 -6.77 | 30.41 2.95 -7.96 | 31.46 2.76 -9.63 | 31.84 2.85 -9.84 | 30.28 2.46 -10.83 | 29.79 2.30 -11.65 | 27.41 2.28 -9.43 | 27.26 2.31 -9.14 | 27.66 2.41 -9.47 | 29.24 2.58 -10.10 | 29.59 2.40 -11.37 | 31.06 2.60 -11.39 | 34.18 3.21 -10.26 | 29.62 2.83 -7.27 | 26.60 2.37 -8.33 | 24.51 1.79 -10.46 |
| NORTHPORT___2 23552 | 28.05 0.84 -20.98 | 25.20 0.93 -17.39 | 22.96 0.92 -15.21 | 21.80 0.85 -14.73 | 21.64 0.81 -14.90 | 21.59 0.86 -14.36 | 22.42 1.50 -10.30 | 24.14 1.72 -9.84 | 26.43 2.58 -6.77 | 30.41 2.95 -7.96 | 31.46 2.76 -9.63 | 31.84 2.85 -9.84 | 30.28 2.46 -10.83 | 29.79 2.30 -11.65 | 27.41 2.28 -9.43 | 27.26 2.31 -9.14 | 27.66 2.41 -9.47 | 29.24 2.58 -10.10 | 29.59 2.40 -11.37 | 31.06 2.60 -11.39 | 34.18 3.21 -10.26 | 29.62 2.83 -7.27 | 26.60 2.37 -8.33 | 24.51 1.79 -10.46 |
| NORTHPORT___3 23553 | 28.09 0.90 -20.96 | 25.26 1.00 -17.37 | 23.03 0.99 -15.20 | 21.85 0.91 -14.72 | 21.68 0.87 -14.89 | 21.63 0.92 -14.34 | 22.45 1.55 -10.28 | 24.21 1.81 -9.81 | 26.49 2.66 -6.75 | 30.52 3.06 -7.95 | 31.62 2.93 -9.63 | 31.93 2.95 -9.83 | 30.42 2.61 -10.82 | 29.92 2.44 -11.64 | 27.52 2.40 -9.41 | 27.36 2.42 -9.13 | 27.71 2.46 -9.47 | 29.24 2.58 -10.10 | 29.62 2.44 -11.37 | 31.12 2.65 -11.39 | 34.20 3.23 -10.27 | 29.78 3.01 -7.25 | 26.73 2.51 -8.32 | 24.60 1.89 -10.45 |
| NORTHPORT___4 23650 | 28.09 0.90 -20.96 | 25.26 1.00 -17.37 | 23.03 0.99 -15.20 | 21.85 0.91 -14.72 | 21.68 0.87 -14.89 | 21.63 0.92 -14.34 | 22.45 1.55 -10.28 | 24.21 1.81 -9.81 | 26.49 2.66 -6.75 | 30.52 3.06 -7.95 | 31.62 2.93 -9.63 | 31.93 2.95 -9.83 | 30.42 2.61 -10.82 | 29.92 2.44 -11.64 | 27.52 2.40 -9.41 | 27.36 2.42 -9.13 | 27.71 2.46 -9.47 | 29.24 2.58 -10.10 | 29.62 2.44 -11.37 | 31.12 2.65 -11.39 | 34.20 3.23 -10.27 | 29.78 3.01 -7.25 | 26.73 2.51 -8.32 | 24.60 1.89 -10.45 |
| NORTHPORT___IC 23718 | 28.05 0.84 -20.98 | 25.20 0.93 -17.39 | 22.96 0.92 -15.21 | 21.80 0.85 -14.73 | 21.64 0.81 -14.90 | 21.59 0.86 -14.36 | 22.42 1.50 -10.30 | 24.14 1.72 -9.84 | 26.43 2.58 -6.77 | 30.41 2.95 -7.96 | 31.46 2.76 -9.63 | 31.84 2.85 -9.84 | 30.28 2.46 -10.83 | 29.79 2.30 -11.65 | 27.41 2.28 -9.43 | 27.26 2.31 -9.14 | 27.66 2.41 -9.47 | 29.24 2.58 -10.10 | 29.59 2.40 -11.37 | 31.06 2.60 -11.39 | 34.18 3.21 -10.26 | 29.62 2.83 -7.27 | 26.60 2.37 -8.33 | 24.51 1.79 -10.46 |
| NPX_GEN_1385_PROXY 323591 | 27.97 0.76 -20.98 | 25.12 0.85 -17.39 | 22.88 0.83 -15.21 | 21.72 0.77 -14.73 | 21.56 0.73 -14.90 | 21.55 0.82 -14.36 | 22.36 1.43 -10.30 | 24.05 1.63 -9.84 | 26.32 2.48 -6.77 | 30.20 2.73 -7.96 | 31.19 2.50 -9.63 | 31.73 2.74 -9.84 | 30.04 2.22 -10.83 | 29.60 2.11 -11.65 | 27.30 2.17 -9.43 | 27.26 2.31 -9.14 | 27.55 2.30 -9.47 | 29.14 2.48 -10.10 | 29.48 2.29 -11.37 | 30.96 2.49 -11.39 | 34.04 3.06 -10.26 | 29.35 2.56 -7.27 | 26.36 2.13 -8.33 | 24.34 1.62 -10.46 |
| NPX_GEN_CSC 323557 | 28.14 0.81 -21.10 | 25.29 0.91 -17.50 | 23.06 0.88 -15.34 | 21.89 0.81 -14.86 | 21.75 0.79 -15.03 | 21.70 0.85 -14.47 | 22.77 1.73 -10.42 | 24.30 1.77 -9.94 | 26.82 2.87 -6.87 | 30.83 3.26 -8.07 | 31.64 2.90 -9.69 | 32.01 2.97 -9.89 | 30.37 2.50 -10.88 | 29.92 2.38 -11.70 | 27.50 2.32 -9.47 | 27.28 2.28 -9.19 | 27.93 2.64 -9.52 | 29.63 2.93 -10.14 | 29.89 2.66 -11.41 | 31.37 2.87 -11.42 | 34.56 3.56 -10.29 | 29.79 2.97 -7.30 | 26.76 2.48 -8.39 | 24.77 1.99 -10.52 |
| NSINS_S_GLNS_FALLS 23858 | 34.07 0.44 -27.40 | 29.98 0.47 -22.62 | 26.82 0.45 -19.53 | 25.61 0.40 -18.99 | 23.98 0.39 -17.66 | 23.82 0.41 -17.03 | 19.80 0.84 -8.34 | 21.80 1.02 -8.20 | 21.93 1.52 -3.33 | 29.53 1.78 -8.25 | 29.12 1.73 -8.33 | 28.47 1.53 -7.79 | 27.51 1.36 -9.16 | 25.63 1.22 -8.56 | 23.38 1.18 -6.50 | 25.40 1.17 -8.41 | 27.56 1.17 -10.61 | 30.94 1.27 -13.11 | 32.10 1.41 -14.87 | 33.61 1.50 -15.02 | 35.65 1.80 -13.14 | 25.88 1.68 -4.68 | 21.32 1.32 -4.11 | 25.91 0.92 -12.73 |
| NUCOR_STEEL___DRP 24197 | 8.86 0.14 -2.49 | 9.07 0.13 -2.05 | 8.74 0.14 -1.77 | 8.05 0.11 -1.72 | 7.64 0.11 -1.60 | 8.01 0.10 -1.54 | 11.57 0.19 -0.76 | 13.59 0.26 -0.74 | 17.76 0.38 -0.30 | 20.75 0.49 -0.75 | 20.27 0.46 -0.76 | 20.32 0.46 -0.71 | 18.19 0.37 -0.83 | 16.91 0.29 -0.78 | 16.58 0.28 -0.59 | 16.88 0.30 -0.77 | 17.01 0.27 -0.97 | 18.06 0.31 -1.19 | 17.44 0.27 -1.35 | 18.81 0.36 -1.37 | 22.42 0.52 -1.20 | 20.44 0.49 -0.43 | 16.56 0.30 -0.36 | 13.65 0.23 -1.15 |
| NYISO_LBMP_REFERENCE 24008 | 6.23 0.00 0.00 | 6.89 0.00 0.00 | 6.84 0.00 0.00 | 6.22 0.00 0.00 | 5.93 0.00 0.00 | 6.37 0.00 0.00 | 10.62 0.00 0.00 | 12.58 0.00 0.00 | 17.08 0.00 0.00 | 19.51 0.00 0.00 | 19.06 0.00 0.00 | 19.15 0.00 0.00 | 16.99 0.00 0.00 | 15.85 0.00 0.00 | 15.71 0.00 0.00 | 15.81 0.00 0.00 | 15.78 0.00 0.00 | 16.56 0.00 0.00 | 15.82 0.00 0.00 | 17.08 0.00 0.00 | 20.71 0.00 0.00 | 19.52 0.00 0.00 | 15.90 0.00 0.00 | 12.26 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 28.41 0.91 -21.27 | 25.54 1.01 -17.65 | 23.34 0.99 -15.52 | 22.18 0.91 -15.05 | 22.01 0.87 -15.21 | 21.93 0.92 -14.64 | 22.83 1.62 -10.59 | 24.53 1.85 -10.10 | 26.89 2.79 -7.02 | 30.93 3.20 -8.22 | 31.83 3.01 -9.76 | 32.19 3.08 -9.96 | 30.62 2.67 -10.97 | 30.10 2.49 -11.77 | 27.68 2.43 -9.53 | 27.54 2.47 -9.26 | 27.96 2.59 -9.59 | 29.56 2.80 -10.21 | 29.89 2.59 -11.47 | 31.37 2.82 -11.47 | 34.52 3.48 -10.33 | 29.96 3.08 -7.35 | 26.92 2.56 -8.47 | 24.81 1.95 -10.60 |
| NYPA_GOWANUS___GT5 24156 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.15 2.12 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.00 2.13 -27.97 | 28.07 1.58 -14.22 |
| NYPA_GOWANUS___GT6 24157 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.15 2.12 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.00 2.13 -27.97 | 28.07 1.58 -14.22 |
| NYPA_HARLEM__RVR__GT1 24160 | 27.68 0.74 -20.70 | 31.93 0.82 -24.23 | 29.01 0.81 -21.36 | 20.91 0.75 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 20.24 1.52 -6.13 | 22.79 2.20 -3.51 | 37.70 2.55 -15.63 | 28.53 2.50 -6.98 | 28.25 2.53 -6.57 | 26.97 2.24 -7.74 | 25.49 2.09 -7.55 | 23.90 2.04 -6.16 | 25.20 2.07 -7.32 | 26.70 2.07 -8.85 | 29.07 2.19 -10.33 | 29.45 2.06 -11.57 | 30.81 2.24 -11.49 | 33.57 2.73 -10.13 | 35.99 2.56 -13.92 | 24.96 2.08 -6.98 | 30.93 1.55 -17.12 |

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| NYPA_HARLEM__RVR__GT2 24161 | 27.68 0.74 -20.70 | 31.93 0.82 -24.23 | 29.01 0.81 -21.36 | 20.91 0.75 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 20.24 1.52 -6.13 | 22.79 2.20 -3.51 | 37.70 2.55 -15.63 | 28.53 2.50 -6.98 | 28.25 2.53 -6.57 | 26.97 2.24 -7.74 | 25.49 2.09 -7.55 | 23.90 2.04 -6.16 | 25.20 2.07 -7.32 | 26.70 2.07 -8.85 | 29.07 2.19 -10.33 | 29.45 2.06 -11.57 | 30.81 2.24 -11.49 | 33.57 2.73 -10.13 | 35.99 2.56 -13.92 | 24.96 2.08 -6.98 | 30.93 1.55 -17.12 |
| NYPA_KENT____GT 24152 | 41.30 0.75 -34.32 | 29.12 0.83 -21.40 | 26.41 0.82 -18.75 | 20.94 0.78 -13.95 | 19.62 0.73 -12.96 | 19.65 0.77 -12.50 | 18.07 1.32 -6.14 | 21.34 1.53 -7.23 | 31.95 2.22 -12.65 | 37.94 2.59 -15.84 | 41.93 2.54 -20.34 | 43.00 2.58 -21.27 | 43.09 2.28 -23.82 | 43.50 2.12 -25.53 | 43.33 2.07 -25.55 | 41.56 2.10 -23.65 | 43.14 2.10 -25.26 | 42.75 2.22 -23.98 | 42.66 2.09 -24.75 | 41.48 2.27 -22.12 | 43.64 2.78 -20.16 | 41.58 2.60 -19.46 | 39.94 2.11 -21.93 | 28.06 1.57 -14.22 |
| NYPA_POUCH1____GT 24155 | 46.85 0.74 -39.87 | 29.29 0.81 -21.60 | 26.57 0.80 -18.94 | 20.95 0.78 -13.95 | 19.62 0.73 -12.96 | 19.64 0.76 -12.50 | 18.05 1.30 -6.14 | 21.34 1.48 -7.28 | 32.33 2.17 -13.08 | 40.54 2.55 -18.47 | 46.15 2.50 -24.60 | 48.11 2.53 -26.43 | 48.31 2.24 -29.08 | 48.63 2.09 -30.69 | 48.75 2.04 -31.00 | 46.25 2.07 -28.37 | 48.35 2.07 -30.50 | 47.92 2.19 -29.18 | 47.81 2.06 -29.94 | 45.97 2.25 -26.64 | 47.72 2.75 -24.26 | 47.81 2.58 -25.71 | 46.02 2.08 -28.04 | 28.24 1.55 -14.43 |
| NYPA_VERNON____GT2 24162 | 35.81 0.75 -28.83 | 29.11 0.83 -21.40 | 26.41 0.82 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.76 -12.50 | 18.06 1.31 -6.14 | 21.34 1.53 -7.23 | 31.93 2.20 -12.65 | 35.47 2.57 -13.39 | 37.86 2.52 -16.29 | 37.97 2.55 -16.27 | 38.04 2.26 -18.79 | 38.66 2.11 -20.70 | 38.24 2.06 -20.48 | 37.12 2.09 -19.22 | 38.14 2.08 -20.28 | 37.64 2.20 -18.88 | 37.52 2.06 -19.65 | 36.97 2.25 -17.63 | 39.56 2.75 -16.10 | 35.38 2.58 -13.28 | 33.89 2.10 -15.89 | 28.04 1.56 -14.22 |
| NYPA_VERNON____GT3 24163 | 35.81 0.75 -28.83 | 29.11 0.83 -21.40 | 26.41 0.82 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.76 -12.50 | 18.06 1.31 -6.14 | 21.34 1.53 -7.23 | 31.93 2.20 -12.65 | 35.47 2.57 -13.39 | 37.86 2.52 -16.29 | 37.97 2.55 -16.27 | 38.04 2.26 -18.79 | 38.66 2.11 -20.70 | 38.24 2.06 -20.48 | 37.12 2.09 -19.22 | 38.14 2.08 -20.28 | 37.64 2.20 -18.88 | 37.52 2.06 -19.65 | 36.97 2.25 -17.63 | 39.56 2.75 -16.10 | 35.38 2.58 -13.28 | 33.89 2.10 -15.89 | 28.04 1.56 -14.22 |
| NYPA__ASTORIA_CC1 323568 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.75 2.52 -14.17 | 35.36 2.55 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| NYPA__ASTORIA_CC2 323569 | 32.92 0.74 -25.95 | 29.11 0.83 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.75 2.52 -14.17 | 35.36 2.55 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.53 2.08 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.73 2.10 -12.73 | 28.03 1.55 -14.22 |
| NYPA__HOLTSVILL 23794 | 28.20 0.88 -21.09 | 25.36 0.98 -17.49 | 23.13 0.96 -15.33 | 21.95 0.88 -14.85 | 21.80 0.85 -15.02 | 21.74 0.90 -14.46 | 22.68 1.65 -10.41 | 24.34 1.82 -9.94 | 26.75 2.80 -6.86 | 30.76 3.20 -8.06 | 31.70 2.95 -9.68 | 32.06 3.02 -9.88 | 30.47 2.60 -10.88 | 29.98 2.44 -11.69 | 27.56 2.39 -9.47 | 27.40 2.40 -9.19 | 27.88 2.59 -9.51 | 29.51 2.81 -10.14 | 29.82 2.59 -11.41 | 31.30 2.80 -11.42 | 34.45 3.46 -10.29 | 29.85 3.03 -7.30 | 26.81 2.53 -8.38 | 24.73 1.95 -10.51 |
| NYPA____HELLGATE_GT1 24158 | 36.38 0.74 -29.40 | 24.79 0.82 -17.09 | 22.43 0.81 -14.78 | 20.91 0.75 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 22.04 1.52 -7.94 | 37.96 2.20 -18.67 | 28.77 2.55 -6.71 | 40.46 2.50 -18.90 | 40.00 2.53 -18.32 | 40.93 2.24 -21.70 | 43.11 2.09 -25.18 | 43.26 2.04 -25.51 | 41.10 2.07 -23.22 | 41.31 2.07 -23.47 | 38.82 2.19 -20.08 | 38.41 2.06 -20.53 | 37.09 2.24 -17.77 | 39.93 2.73 -16.49 | 26.22 2.56 -4.14 | 34.49 2.08 -16.51 | 23.61 1.55 -9.80 |
| NYPA____HELLGATE_GT2 24159 | 36.38 0.74 -29.40 | 24.79 0.82 -17.09 | 22.43 0.81 -14.78 | 20.91 0.75 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 22.04 1.52 -7.94 | 37.96 2.20 -18.67 | 28.77 2.55 -6.71 | 40.46 2.50 -18.90 | 40.00 2.53 -18.32 | 40.93 2.24 -21.70 | 43.11 2.09 -25.18 | 43.26 2.04 -25.51 | 41.10 2.07 -23.22 | 41.31 2.07 -23.47 | 38.82 2.19 -20.08 | 38.41 2.06 -20.53 | 37.09 2.24 -17.77 | 39.93 2.73 -16.49 | 26.22 2.56 -4.14 | 34.49 2.08 -16.51 | 23.61 1.55 -9.80 |
| NYS_BARGE__HYD 23848 | 9.08 -0.14 -2.99 | 9.19 -0.17 -2.46 | 8.81 -0.15 -2.13 | 8.14 -0.15 -2.07 | 7.74 -0.11 -1.92 | 8.05 -0.18 -1.86 | 11.18 -0.35 -0.91 | 12.85 -0.63 -0.89 | 16.28 -1.16 -0.36 | 19.16 -1.25 -0.90 | 18.73 -1.24 -0.91 | 18.76 -1.24 -0.85 | 16.92 -1.07 -1.00 | 15.74 -1.05 -0.94 | 15.30 -1.11 -0.71 | 15.59 -1.14 -0.92 | 15.80 -1.14 -1.16 | 16.78 -1.21 -1.43 | 16.26 -1.19 -1.63 | 17.48 -1.25 -1.64 | 20.66 -1.49 -1.44 | 18.69 -1.35 -0.51 | 15.35 -0.99 -0.44 | 13.18 -0.48 -1.39 |
| O.H_GEN_BRUCE 24063 | 9.43 -0.17 -3.37 | 9.47 -0.20 -2.79 | 9.05 -0.19 -2.41 | 8.37 -0.19 -2.34 | 7.96 -0.14 -2.17 | 8.26 -0.21 -2.10 | 11.25 -0.39 -1.03 | 12.95 -0.64 -1.01 | 16.36 -1.13 -0.41 | 19.28 -1.25 -1.02 | 18.85 -1.24 -1.03 | 18.85 -1.26 -0.96 | 17.05 -1.07 -1.13 | 15.86 -1.05 -1.06 | 15.43 -1.08 -0.80 | 15.76 -1.09 -1.04 | 16.00 -1.09 -1.31 | 17.08 -1.09 -1.62 | 16.60 -1.06 -1.84 | 17.81 -1.13 -1.86 | 20.97 -1.37 -1.62 | 18.85 -1.25 -0.58 | 15.46 -0.92 -0.49 | 13.36 -0.47 -1.56 |
| OAK_ORCHARD__HYD 24046 | 8.56 -0.10 -2.43 | 8.77 -0.12 -2.00 | 8.45 -0.12 -1.73 | 7.78 -0.12 -1.68 | 7.39 -0.10 -1.56 | 7.74 -0.14 -1.51 | 11.12 -0.23 -0.74 | 12.94 -0.37 -0.73 | 16.76 -0.61 -0.29 | 19.60 -0.64 -0.73 | 19.17 -0.63 -0.74 | 19.17 -0.67 -0.69 | 17.21 -0.60 -0.81 | 16.00 -0.60 -0.76 | 15.69 -0.60 -0.58 | 15.96 -0.60 -0.75 | 16.08 -0.65 -0.94 | 17.11 -0.61 -1.17 | 16.54 -0.60 -1.32 | 17.82 -0.60 -1.34 | 21.21 -0.66 -1.17 | 19.31 -0.63 -0.42 | 15.73 -0.52 -0.35 | 13.10 -0.29 -1.13 |
| OCC_CHEM__DRP 24175 | 9.07 -0.24 -3.08 | 9.16 -0.27 -2.54 | 8.78 -0.25 -2.19 | 8.11 -0.24 -2.13 | 7.72 -0.20 -1.98 | 8.02 -0.27 -1.91 | 11.05 -0.51 -0.94 | 12.65 -0.86 -0.92 | 15.95 -1.50 -0.37 | 18.78 -1.66 -0.93 | 18.36 -1.64 -0.94 | 18.38 -1.65 -0.88 | 16.59 -1.43 -1.03 | 15.45 -1.36 -0.96 | 15.02 -1.41 -0.73 | 15.32 -1.44 -0.95 | 15.54 -1.44 -1.20 | 16.58 -1.46 -1.48 | 16.07 -1.42 -1.68 | 17.25 -1.52 -1.69 | 20.37 -1.82 -1.48 | 18.41 -1.64 -0.53 | 15.13 -1.21 -0.45 | 13.07 -0.63 -1.43 |
| OLIN_CORP_DRP 24177 | 9.11 -0.23 -3.11 | 9.18 -0.27 -2.56 | 8.80 -0.25 -2.21 | 8.13 -0.24 -2.15 | 7.74 -0.20 -2.00 | 8.04 -0.27 -1.93 | 11.06 -0.51 -0.95 | 12.65 -0.86 -0.93 | 15.96 -1.50 -0.38 | 18.79 -1.66 -0.94 | 18.37 -1.64 -0.95 | 18.39 -1.65 -0.89 | 16.60 -1.43 -1.04 | 15.46 -1.36 -0.97 | 15.02 -1.43 -0.74 | 15.33 -1.44 -0.96 | 15.55 -1.44 -1.21 | 16.62 -1.42 -1.49 | 16.11 -1.41 -1.69 | 17.30 -1.49 -1.71 | 20.42 -1.78 -1.50 | 18.43 -1.62 -0.53 | 15.17 -1.18 -0.45 | 13.09 -0.61 -1.44 |

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|------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OLIN_CORP_DSASP 323712 | 9.07 -0.24 -3.08 | 9.16 -0.27 -2.54 | 8.78 -0.25 -2.19 | 8.11 -0.24 -2.13 | 7.72 -0.20 -1.98 | 8.02 -0.27 -1.91 | 11.05 -0.51 -0.94 | 12.65 -0.86 -0.92 | 15.95 -1.50 -0.37 | 18.78 -1.66 -0.93 | 18.36 -1.64 -0.94 | 18.38 -1.65 -0.88 | 16.59 -1.43 -1.03 | 15.45 -1.36 -0.96 | 15.02 -1.41 -0.73 | 15.32 -1.44 -0.95 | 15.54 -1.44 -1.20 | 16.58 -1.46 -1.48 | 16.07 -1.42 -1.68 | 17.25 -1.52 -1.69 | 20.37 -1.82 -1.48 | 18.41 -1.64 -0.53 | 15.13 -1.21 -0.45 | 13.07 -0.63 -1.43 |
| ONEIDA_HERK_LFGE 323681 | 6.26 0.03 0.00 | 6.91 0.02 0.00 | 6.86 0.02 0.00 | 6.23 0.01 0.00 | 5.93 0.00 0.00 | 6.38 0.01 0.00 | 10.64 0.02 0.00 | 12.62 0.04 0.00 | 17.17 0.09 0.00 | 19.65 0.14 0.00 | 19.16 0.10 0.00 | 19.25 0.10 0.00 | 17.04 0.05 0.00 | 15.88 0.03 0.00 | 15.72 0.02 0.00 | 15.86 0.05 0.00 | 15.81 0.03 0.00 | 16.59 0.03 0.00 | 15.85 0.03 0.00 | 17.12 0.03 0.00 | 20.79 0.08 0.00 | 19.62 0.10 0.00 | 15.93 0.03 0.00 | 12.28 0.01 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 8.21 0.03 -1.95 | 8.51 0.01 -1.61 | 8.23 0.01 -1.39 | 7.57 0.00 -1.35 | 7.19 0.01 -1.26 | 7.57 -0.01 -1.21 | 11.21 0.00 -0.59 | 13.18 0.01 -0.58 | 17.35 0.03 -0.24 | 20.18 0.08 -0.59 | 19.73 0.08 -0.60 | 19.79 0.08 -0.56 | 17.69 0.05 -0.65 | 16.49 0.03 -0.61 | 16.19 0.02 -0.46 | 16.43 0.02 -0.60 | 16.55 0.02 -0.76 | 17.53 0.03 -0.94 | 16.90 0.02 -1.06 | 18.21 0.05 -1.07 | 21.75 0.10 -0.94 | 19.95 0.10 -0.33 | 16.23 0.05 -0.28 | 13.21 0.04 -0.91 |
| ONONDAGA___COGEN 23986 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| ONTARIO___LFGE 23819 | 9.09 0.05 -2.81 | 9.24 0.03 -2.32 | 8.88 0.03 -2.01 | 8.19 0.02 -1.95 | 7.78 0.04 -1.81 | 8.12 0.00 -1.75 | 11.50 0.02 -0.86 | 13.45 0.03 -0.84 | 17.41 -0.02 -0.34 | 20.40 0.04 -0.85 | 19.94 0.02 -0.86 | 19.95 0.00 -0.80 | 17.91 -0.02 -0.94 | 16.66 -0.06 -0.88 | 16.30 -0.08 -0.67 | 16.60 -0.08 -0.87 | 16.78 -0.09 -1.09 | 17.86 -0.05 -1.35 | 17.31 -0.05 -1.53 | 18.63 0.00 -1.55 | 22.11 0.04 -1.35 | 20.02 0.02 -0.48 | 16.26 -0.05 -0.41 | 13.59 0.02 -1.31 |
| ORANGEVILLE_WT_PWR 323706 | 9.89 -0.01 -3.67 | 9.89 -0.02 -3.03 | 9.44 -0.01 -2.61 | 8.74 -0.02 -2.54 | 8.30 0.01 -2.36 | 8.60 -0.05 -2.28 | 11.63 -0.11 -1.12 | 13.41 -0.26 -1.10 | 16.96 -0.56 -0.45 | 20.03 -0.58 -1.11 | 19.59 -0.59 -1.12 | 19.60 -0.59 -1.05 | 17.71 -0.51 -1.23 | 16.47 -0.52 -1.15 | 16.00 -0.58 -0.87 | 16.34 -0.60 -1.13 | 16.62 -0.58 -1.43 | 17.75 -0.56 -1.76 | 17.25 -0.57 -2.00 | 18.50 -0.60 -2.02 | 21.77 -0.70 -1.76 | 19.51 -0.64 -0.63 | 15.97 -0.46 -0.53 | 13.82 -0.15 -1.70 |
| OSWEGATCHIE___HYD 24044 | 5.86 -0.37 0.00 | 6.48 -0.41 0.00 | 6.43 -0.40 0.00 | 5.85 -0.37 0.00 | 5.56 -0.37 0.00 | 6.01 -0.36 0.00 | 9.98 -0.64 0.00 | 11.85 -0.73 0.00 | 15.94 -1.14 0.00 | 18.14 -1.37 0.00 | 17.67 -1.39 0.00 | 17.75 -1.40 0.00 | 15.71 -1.27 0.00 | 14.72 -1.12 0.00 | 14.62 -1.08 0.00 | 14.72 -1.09 0.00 | 14.69 -1.09 0.00 | 15.36 -1.19 0.00 | 14.73 -1.09 0.00 | 15.82 -1.26 0.00 | 19.20 -1.51 0.00 | 18.15 -1.37 0.00 | 14.81 -1.08 0.00 | 11.50 -0.76 0.00 |
| OSWEGO___5 23606 | 7.57 -0.09 -1.43 | 7.96 -0.11 -1.18 | 7.75 -0.11 -1.02 | 7.11 -0.11 -0.99 | 6.76 -0.10 -0.92 | 7.15 -0.11 -0.89 | 10.87 -0.18 -0.44 | 12.80 -0.21 -0.43 | 16.95 -0.31 -0.17 | 19.63 -0.31 -0.43 | 19.19 -0.31 -0.44 | 19.23 -0.33 -0.41 | 17.18 -0.29 -0.48 | 16.01 -0.28 -0.45 | 15.75 -0.30 -0.34 | 15.95 -0.30 -0.44 | 16.04 -0.30 -0.56 | 16.95 -0.30 -0.69 | 16.32 -0.28 -0.78 | 17.58 -0.29 -0.79 | 21.07 -0.33 -0.69 | 19.45 -0.31 -0.25 | 15.83 -0.27 -0.21 | 12.75 -0.18 -0.66 |
| OSWEGO___6 23613 | 7.57 -0.09 -1.43 | 7.96 -0.11 -1.18 | 7.75 -0.11 -1.02 | 7.11 -0.11 -0.99 | 6.76 -0.10 -0.92 | 7.15 -0.11 -0.89 | 10.87 -0.18 -0.44 | 12.80 -0.21 -0.43 | 16.95 -0.31 -0.17 | 19.63 -0.31 -0.43 | 19.19 -0.31 -0.44 | 19.23 -0.33 -0.41 | 17.18 -0.29 -0.48 | 16.01 -0.28 -0.45 | 15.75 -0.30 -0.34 | 15.95 -0.30 -0.44 | 16.04 -0.30 -0.56 | 16.95 -0.30 -0.69 | 16.32 -0.28 -0.78 | 17.58 -0.29 -0.79 | 21.07 -0.33 -0.69 | 19.45 -0.31 -0.25 | 15.83 -0.27 -0.21 | 12.75 -0.18 -0.66 |
| OUTOKUMPU-AB___DRP 24206 | 9.27 -0.08 -3.12 | 9.36 -0.10 -2.58 | 8.97 -0.09 -2.23 | 8.29 -0.09 -2.16 | 7.88 -0.06 -2.01 | 8.19 -0.12 -1.94 | 11.33 -0.24 -0.95 | 13.00 -0.52 -0.93 | 16.49 -0.97 -0.38 | 19.42 -1.03 -0.94 | 18.98 -1.03 -0.95 | 19.01 -1.03 -0.89 | 17.15 -0.88 -1.05 | 15.95 -0.87 -0.98 | 15.49 -0.96 -0.74 | 15.79 -0.98 -0.96 | 16.03 -0.96 -1.21 | 17.06 -0.99 -1.50 | 16.54 -0.98 -1.70 | 17.76 -1.04 -1.72 | 20.97 -1.24 -1.50 | 18.94 -1.11 -0.54 | 15.56 -0.79 -0.45 | 13.38 -0.33 -1.45 |
| OXBOW___ 24026 | 9.18 -0.15 -3.10 | 9.27 -0.17 -2.56 | 8.88 -0.16 -2.21 | 8.21 -0.16 -2.15 | 7.81 -0.12 -2.00 | 8.11 -0.18 -1.93 | 11.20 -0.36 -0.94 | 12.84 -0.67 -0.93 | 16.25 -1.21 -0.38 | 19.14 -1.31 -0.94 | 18.71 -1.30 -0.95 | 18.73 -1.30 -0.88 | 16.91 -1.12 -1.04 | 15.72 -1.09 -0.97 | 15.28 -1.16 -0.74 | 15.58 -1.19 -0.95 | 15.82 -1.17 -1.21 | 16.85 -1.19 -1.49 | 16.34 -1.17 -1.69 | 17.54 -1.25 -1.71 | 20.71 -1.49 -1.49 | 18.71 -1.35 -0.53 | 15.38 -0.97 -0.45 | 13.24 -0.47 -1.44 |
| OXY_CHEM_DSASP 323612 | 9.07 -0.24 -3.08 | 9.16 -0.27 -2.54 | 8.78 -0.25 -2.19 | 8.11 -0.24 -2.13 | 7.72 -0.20 -1.98 | 8.02 -0.27 -1.91 | 11.05 -0.51 -0.94 | 12.65 -0.86 -0.92 | 15.95 -1.50 -0.37 | 18.78 -1.66 -0.93 | 18.36 -1.64 -0.94 | 18.38 -1.65 -0.88 | 16.59 -1.43 -1.03 | 15.45 -1.36 -0.96 | 15.02 -1.41 -0.73 | 15.32 -1.44 -0.95 | 15.54 -1.44 -1.20 | 16.58 -1.46 -1.48 | 16.07 -1.42 -1.68 | 17.25 -1.52 -1.69 | 20.37 -1.82 -1.48 | 18.41 -1.64 -0.53 | 15.13 -1.21 -0.45 | 13.07 -0.63 -1.43 |
| PACKARD_I115_KV_ADAMS_187_REV_LBMP_A 345013 | 9.07 -0.24 -3.08 | 9.16 -0.27 -2.54 | 8.78 -0.25 -2.19 | 8.11 -0.24 -2.13 | 7.72 -0.20 -1.98 | 8.02 -0.27 -1.91 | 11.05 -0.51 -0.94 | 12.65 -0.86 -0.92 | 15.95 -1.50 -0.37 | 18.78 -1.66 -0.93 | 18.36 -1.64 -0.94 | 18.38 -1.65 -0.88 | 16.59 -1.43 -1.03 | 15.45 -1.36 -0.96 | 15.02 -1.41 -0.73 | 15.32 -1.44 -0.95 | 15.54 -1.44 -1.20 | 16.58 -1.46 -1.48 | 16.07 -1.42 -1.68 | 17.25 -1.52 -1.69 | 20.37 -1.82 -1.48 | 18.41 -1.64 -0.53 | 15.13 -1.21 -0.45 | 13.07 -0.63 -1.43 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 27.20 0.72 -20.25 | 24.39 0.79 -16.72 | 22.06 0.79 -14.44 | 20.88 0.73 -13.94 | 19.58 0.69 -12.96 | 19.59 0.73 -12.50 | 18.00 1.25 -6.13 | 20.09 1.47 -6.04 | 21.94 2.13 -2.72 | 28.23 2.48 -6.24 | 27.84 2.42 -6.36 | 27.56 2.45 -5.96 | 26.17 2.17 -7.01 | 24.51 2.03 -6.64 | 22.84 1.98 -5.15 | 24.32 2.01 -6.50 | 25.88 2.00 -8.09 | 28.50 2.12 -9.82 | 28.92 1.99 -11.10 | 30.43 2.19 -11.17 | 33.18 2.67 -9.80 | 25.64 2.48 -3.64 | 24.40 2.02 -6.49 | 23.18 1.50 -9.42 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 27.22 0.74 -20.25 | 24.41 0.81 -16.72 | 22.08 0.81 -14.44 | 20.90 0.74 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 20.13 1.51 -6.04 | 21.97 2.17 -2.72 | 28.29 2.53 -6.24 | 27.90 2.48 -6.36 | 27.62 2.51 -5.96 | 26.22 2.22 -7.01 | 24.56 2.08 -6.64 | 22.89 2.03 -5.15 | 24.36 2.05 -6.50 | 25.92 2.05 -8.09 | 28.55 2.17 -9.82 | 28.97 2.04 -11.10 | 30.48 2.24 -11.17 | 33.24 2.73 -9.80 | 25.69 2.54 -3.64 | 24.45 2.07 -6.49 | 23.20 1.52 -9.42 |

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|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 9.65 0.02 -3.40 | 9.71 0.01 -2.81 | 9.28 0.02 -2.43 | 8.58 0.01 -2.36 | 8.15 0.03 -2.19 | 8.47 -0.02 -2.11 | 11.59 -0.06 -1.04 | 13.36 -0.24 -1.02 | 16.95 -0.55 -0.41 | 20.01 -0.53 -1.03 | 19.54 -0.55 -1.04 | 19.57 -0.56 -0.97 | 17.67 -0.46 -1.14 | 16.44 -0.47 -1.07 | 15.95 -0.56 -0.81 | 16.28 -0.58 -1.05 | 16.54 -0.57 -1.32 | 17.66 -0.53 -1.63 | 17.12 -0.55 -1.85 | 18.39 -0.56 -1.87 | 21.66 -0.68 -1.64 | 19.48 -0.63 -0.58 | 15.96 -0.43 -0.49 | 13.76 -0.09 -1.58 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 27.69 0.69 -20.77 | 24.79 0.76 -17.14 | 22.40 0.76 -14.80 | 21.30 0.68 -14.39 | 19.95 0.64 -13.38 | 19.96 0.68 -12.90 | 18.13 1.19 -6.32 | 20.18 1.38 -6.22 | 21.64 2.03 -2.52 | 28.13 2.36 -6.26 | 27.67 2.29 -6.32 | 27.38 2.32 -5.91 | 25.98 2.04 -6.95 | 24.24 1.90 -6.50 | 22.49 1.85 -4.93 | 24.08 1.88 -6.39 | 25.71 1.89 -8.04 | 28.47 1.99 -9.93 | 28.97 1.88 -11.26 | 30.53 2.07 -11.38 | 33.19 2.53 -9.96 | 25.43 2.36 -3.54 | 24.18 1.91 -6.38 | 23.27 1.40 -9.61 |
| PEEKSKILL____ 23653 | 26.88 0.64 -20.00 | 24.11 0.71 -16.51 | 21.80 0.70 -14.26 | 20.65 0.64 -13.79 | 19.35 0.61 -12.82 | 19.37 0.64 -12.36 | 17.79 1.11 -6.06 | 19.87 1.31 -5.98 | 21.59 1.90 -2.61 | 27.83 2.20 -6.12 | 27.43 2.15 -6.22 | 27.16 2.18 -5.82 | 25.77 1.94 -6.85 | 24.09 1.79 -6.46 | 22.45 1.76 -4.98 | 23.91 1.77 -6.33 | 25.48 1.78 -7.92 | 28.12 1.89 -9.68 | 28.54 1.77 -10.95 | 30.03 1.93 -11.02 | 32.72 2.36 -9.66 | 25.26 2.21 -3.53 | 24.05 1.81 -6.34 | 22.86 1.34 -9.26 |
| PGE MADISON____WINDPWR 24146 | 12.65 0.43 -5.99 | 12.29 0.46 -4.95 | 11.56 0.46 -4.27 | 10.77 0.40 -4.15 | 10.14 0.35 -3.86 | 10.46 0.36 -3.72 | 13.10 0.66 -1.82 | 15.15 0.78 -1.79 | 19.05 1.25 -0.73 | 22.84 1.52 -1.81 | 22.30 1.41 -1.83 | 22.30 1.44 -1.71 | 20.19 1.19 -2.01 | 18.77 1.05 -1.88 | 18.14 1.01 -1.43 | 18.72 1.06 -1.85 | 19.13 1.03 -2.33 | 20.54 1.11 -2.88 | 20.14 1.06 -3.26 | 21.56 1.18 -3.30 | 25.06 1.47 -2.88 | 21.97 1.42 -1.03 | 17.91 1.02 -1.00 | 15.79 0.75 -2.78 |
| PIERCEFIELD____HYD 23852 | 5.75 -0.49 0.00 | 6.37 -0.52 0.00 | 6.33 -0.51 0.00 | 5.76 -0.46 0.00 | 5.46 -0.47 0.00 | 5.93 -0.44 0.00 | 9.85 -0.76 0.00 | 11.69 -0.89 0.00 | 15.54 -1.54 0.00 | 17.58 -1.93 0.00 | 17.12 -1.94 0.00 | 17.20 -1.95 0.00 | 15.24 -1.75 0.00 | 14.36 -1.49 0.00 | 14.29 -1.41 0.00 | 14.37 -1.44 0.00 | 14.36 -1.42 0.00 | 14.97 -1.59 0.00 | 14.38 -1.44 0.00 | 15.37 -1.71 0.00 | 18.62 -2.09 0.00 | 17.59 -1.93 0.00 | 14.42 -1.48 0.00 | 11.30 -0.97 0.00 |
| PINELAWN_CC_1 323563 | 29.19 0.88 -22.08 | 26.27 0.98 -18.40 | 24.18 0.97 -16.38 | 23.06 0.89 -15.95 | 22.86 0.84 -16.09 | 22.69 0.90 -15.42 | 23.54 1.53 -11.39 | 25.21 1.79 -10.84 | 27.46 2.65 -7.73 | 31.51 3.04 -8.96 | 32.08 2.90 -10.12 | 32.40 2.95 -10.29 | 30.92 2.58 -11.36 | 30.36 2.41 -12.11 | 27.90 2.36 -9.83 | 27.79 2.39 -9.59 | 28.18 2.46 -9.94 | 29.70 2.63 -10.51 | 30.03 2.45 -11.76 | 31.46 2.66 -11.71 | 34.52 3.29 -10.51 | 30.10 2.99 -7.59 | 27.21 2.48 -8.84 | 25.12 1.86 -10.99 |
| PJM_GEN_HTP_PROXY 323702 | 30.06 0.72 -23.11 | 26.75 0.80 -19.06 | 24.23 0.79 -16.60 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.49 | 17.99 1.24 -6.13 | 20.70 1.48 -6.64 | 26.90 2.12 -7.70 | 31.14 2.46 -9.17 | 31.73 2.40 -10.27 | 31.40 2.43 -9.81 | 30.74 2.16 -11.59 | 30.27 2.01 -12.42 | 29.17 1.96 -11.50 | 29.51 1.99 -11.71 | 30.65 1.99 -12.89 | 31.69 2.10 -13.03 | 31.85 1.98 -14.05 | 32.45 2.13 -13.23 | 35.20 2.61 -11.88 | 28.82 2.46 -6.84 | 27.53 2.02 -9.61 | 25.58 1.50 -11.82 |
| PJM_GEN_KEystone 24065 | 19.80 0.31 -13.26 | 18.17 0.34 -10.94 | 16.67 0.34 -9.50 | 15.00 0.31 -8.47 | 14.10 0.30 -7.87 | 14.26 0.29 -7.59 | 14.84 0.50 -3.72 | 16.99 0.54 -3.87 | 21.09 0.70 -3.30 | 25.09 0.82 -4.76 | 25.02 0.80 -5.16 | 24.85 0.80 -4.90 | 23.49 0.73 -5.78 | 22.44 0.65 -5.94 | 21.55 0.61 -5.23 | 22.10 0.62 -5.67 | 22.92 0.63 -6.50 | 24.29 0.70 -7.04 | 24.18 0.63 -7.73 | 25.26 0.70 -7.47 | 28.23 0.87 -6.65 | 23.59 0.80 -3.27 | 21.25 0.68 -4.67 | 19.40 0.61 -6.52 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 26.41 0.80 -19.38 | 23.74 0.90 -15.95 | 22.40 0.90 -14.66 | 21.21 0.83 -14.15 | 21.06 0.79 -14.34 | 21.06 0.83 -13.86 | 21.81 1.40 -9.79 | 23.59 1.65 -9.36 | 25.80 2.41 -6.31 | 29.76 2.77 -7.48 | 31.11 2.65 -9.40 | 31.45 2.68 -9.62 | 29.94 2.38 -10.58 | 29.48 2.20 -11.43 | 27.11 2.17 -9.24 | 26.92 2.18 -8.93 | 27.26 2.24 -9.24 | 28.26 2.35 -9.35 | 28.68 2.20 -10.66 | 30.30 2.39 -10.83 | 33.79 2.94 -10.14 | 29.35 2.71 -7.11 | 26.28 2.29 -8.09 | 24.19 1.72 -10.21 |
| PJM_GEN_VFT_PROXY 323633 | 32.02 0.72 -25.06 | 28.35 0.80 -20.67 | 25.71 0.79 -18.08 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.13 | 21.12 1.50 -7.04 | 30.31 2.13 -11.10 | 33.13 2.44 -11.18 | 34.39 2.38 -12.95 | 34.00 2.39 -12.45 | 33.84 2.12 -14.73 | 34.20 1.98 -16.37 | 33.48 1.93 -15.84 | 33.05 1.96 -15.28 | 33.92 1.97 -16.17 | 33.84 2.07 -15.22 | 33.84 1.96 -16.06 | 33.84 2.12 -14.64 | 36.64 2.61 -13.32 | 31.04 2.48 -9.04 | 29.69 2.04 -11.75 | 27.24 1.51 -13.47 |
| PLEASANTVLY____LBMP 24000 | 27.73 0.60 -20.89 | 24.80 0.67 -17.25 | 22.39 0.66 -14.89 | 21.30 0.60 -14.48 | 19.97 0.58 -13.46 | 19.96 0.61 -12.98 | 18.04 1.06 -6.36 | 20.08 1.25 -6.25 | 21.43 1.81 -2.54 | 27.91 2.09 -6.31 | 27.47 2.04 -6.37 | 27.18 2.07 -5.96 | 25.83 1.84 -7.01 | 24.09 1.70 -6.55 | 22.34 1.66 -4.97 | 23.94 1.69 -6.43 | 25.59 1.69 -8.12 | 28.36 1.77 -10.03 | 28.87 1.77 -11.37 | 30.40 1.83 -11.49 | 32.98 2.22 -10.05 | 25.19 2.09 -3.58 | 23.98 1.67 -6.42 | 23.22 1.23 -9.73 |
| PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020 | 26.94 0.67 -20.04 | 24.16 0.74 -16.54 | 21.84 0.73 -14.27 | 20.93 0.67 -14.03 | 19.61 0.63 -13.05 | 19.62 0.67 -12.58 | 17.94 1.16 -6.16 | 19.97 1.37 -6.02 | 21.15 1.98 -2.09 | 27.70 2.30 -5.89 | 27.19 2.25 -5.88 | 26.91 2.28 -5.48 | 25.45 2.02 -6.45 | 23.62 1.87 -5.91 | 21.88 1.84 -4.34 | 23.51 1.85 -5.84 | 25.15 1.86 -7.51 | 28.01 1.97 -9.48 | 28.48 1.85 -10.80 | 30.08 2.01 -10.99 | 32.76 2.46 -9.59 | 25.05 2.30 -3.23 | 23.91 1.87 -6.14 | 22.83 1.39 -9.18 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 28.43 0.63 -21.57 | 25.39 0.70 -17.81 | 22.90 0.69 -15.38 | 21.80 0.63 -14.95 | 20.42 0.59 -13.90 | 20.41 0.63 -13.41 | 18.28 1.09 -6.57 | 20.30 1.26 -6.46 | 21.56 1.86 -2.62 | 28.22 2.17 -6.54 | 27.76 2.10 -6.61 | 27.46 2.13 -6.18 | 26.12 1.87 -7.27 | 24.39 1.76 -6.79 | 22.59 1.73 -5.15 | 24.26 1.77 -6.67 | 25.95 1.77 -8.40 | 28.75 1.82 -10.38 | 29.33 1.74 -11.77 | 30.87 1.90 -11.89 | 33.41 2.30 -10.40 | 25.37 2.15 -3.70 | 23.81 1.72 -6.20 | 23.56 1.25 -10.04 |
| POLETTI____ 23519 | 32.00 0.71 -25.06 | 28.34 0.79 -20.66 | 25.70 0.79 -18.08 | 20.88 0.72 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.50 | 17.99 1.24 -6.13 | 21.09 1.47 -7.04 | 30.29 2.12 -11.09 | 33.13 2.44 -11.18 | 34.39 2.38 -12.94 | 34.02 2.41 -12.45 | 33.84 2.12 -14.72 | 34.19 1.98 -16.37 | 33.49 1.95 -15.84 | 33.05 1.96 -15.27 | 33.92 1.97 -16.16 | 33.84 2.07 -15.21 | 33.82 1.95 -16.05 | 33.84 2.12 -14.64 | 36.61 2.59 -13.32 | 31.00 2.44 -9.04 | 29.65 2.00 -11.75 | 27.21 1.48 -13.47 |
| PORT_JEFF_3 23555 | 28.22 0.89 -21.10 | 25.38 1.00 -17.50 | 23.15 0.98 -15.34 | 21.98 0.90 -14.86 | 21.82 0.86 -15.03 | 21.76 0.92 -14.48 | 22.71 1.67 -10.42 | 24.38 1.85 -9.95 | 26.81 2.85 -6.87 | 30.82 3.24 -8.07 | 31.76 3.01 -9.69 | 32.12 3.08 -9.89 | 30.52 2.65 -10.88 | 30.01 2.47 -11.70 | 27.61 2.43 -9.47 | 27.44 2.43 -9.19 | 27.93 2.64 -9.52 | 29.56 2.86 -10.14 | 29.87 2.64 -11.41 | 31.36 2.85 -11.42 | 34.52 3.52 -10.29 | 29.91 3.08 -7.30 | 26.86 2.57 -8.39 | 24.76 1.98 -10.52 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 28.22 0.89 -21.10 | 25.38 1.00 -17.50 | 23.15 0.98 -15.34 | 21.98 0.90 -14.86 | 21.82 0.86 -15.03 | 21.76 0.92 -14.48 | 22.71 1.67 -10.42 | 24.38 1.85 -9.95 | 26.81 2.85 -6.87 | 30.82 3.24 -8.07 | 31.76 3.01 -9.69 | 32.12 3.08 -9.89 | 30.52 2.65 -10.88 | 30.01 2.47 -11.70 | 27.61 2.43 -9.47 | 27.44 2.43 -9.19 | 27.93 2.64 -9.52 | 29.56 2.86 -10.14 | 29.87 2.64 -11.41 | 31.36 2.85 -11.42 | 34.52 3.52 -10.29 | 29.91 3.08 -7.30 | 26.86 2.57 -8.39 | 24.76 1.98 -10.52 |
| PORT_JEFF_IC 23713 | 28.27 0.90 -21.13 | 25.43 1.01 -17.53 | 23.20 0.99 -15.38 | 22.03 0.91 -14.90 | 21.87 0.87 -15.07 | 21.81 0.93 -14.51 | 22.76 1.69 -10.45 | 24.43 1.87 -9.98 | 26.87 2.89 -6.90 | 30.90 3.30 -8.10 | 31.81 3.05 -9.70 | 32.17 3.12 -9.90 | 30.59 2.70 -10.90 | 30.08 2.52 -11.71 | 27.66 2.47 -9.48 | 27.50 2.48 -9.20 | 27.98 2.67 -9.53 | 29.63 2.91 -10.16 | 29.92 2.67 -11.42 | 31.42 2.90 -11.43 | 34.59 3.58 -10.30 | 29.96 3.12 -7.31 | 26.91 2.61 -8.40 | 24.80 2.00 -10.53 |
| PPL_PILGRIM_ST_GT1 24216 | 28.41 0.91 -21.27 | 25.54 1.01 -17.65 | 23.34 0.99 -15.52 | 22.18 0.91 -15.05 | 22.01 0.87 -15.21 | 21.93 0.92 -14.64 | 22.83 1.62 -10.59 | 24.53 1.85 -10.10 | 26.89 2.79 -7.02 | 30.93 3.20 -8.22 | 31.83 3.01 -9.76 | 32.19 3.08 -9.96 | 30.62 2.67 -10.97 | 30.10 2.49 -11.77 | 27.68 2.43 -9.53 | 27.54 2.47 -9.26 | 27.96 2.59 -9.59 | 29.56 2.80 -10.21 | 29.89 2.59 -11.47 | 31.37 2.82 -11.47 | 34.52 3.48 -10.33 | 29.96 3.08 -7.35 | 26.92 2.56 -8.47 | 24.81 1.95 -10.60 |
| PPL_PILGRIM_ST_GT2 24217 | 28.41 0.91 -21.27 | 25.54 1.01 -17.65 | 23.34 0.99 -15.52 | 22.18 0.91 -15.05 | 22.01 0.87 -15.21 | 21.93 0.92 -14.64 | 22.83 1.62 -10.59 | 24.53 1.85 -10.10 | 26.89 2.79 -7.02 | 30.93 3.20 -8.22 | 31.83 3.01 -9.76 | 32.19 3.08 -9.96 | 30.62 2.67 -10.97 | 30.10 2.49 -11.77 | 27.68 2.43 -9.53 | 27.54 2.47 -9.26 | 27.96 2.59 -9.59 | 29.56 2.80 -10.21 | 29.89 2.59 -11.47 | 31.37 2.82 -11.47 | 34.52 3.48 -10.33 | 29.96 3.08 -7.35 | 26.92 2.56 -8.47 | 24.81 1.95 -10.60 |
| PPL_SHRM_GT3 24213 | 28.17 0.83 -21.11 | 25.32 0.92 -17.51 | 23.09 0.90 -15.35 | 21.93 0.83 -14.88 | 21.78 0.80 -15.05 | 21.73 0.87 -14.49 | 22.80 1.74 -10.43 | 24.32 1.79 -9.96 | 26.87 2.90 -6.88 | 30.86 3.28 -8.08 | 31.67 2.92 -9.69 | 32.03 2.99 -9.89 | 30.41 2.53 -10.89 | 29.94 2.39 -11.70 | 27.54 2.36 -9.48 | 27.32 2.31 -9.20 | 27.97 2.67 -9.52 | 29.65 2.95 -10.15 | 29.91 2.67 -11.41 | 31.41 2.90 -11.43 | 34.61 3.60 -10.29 | 29.85 3.03 -7.31 | 26.80 2.51 -8.39 | 24.79 2.00 -10.52 |
| PPL_SHRM_GT4 24214 | 28.17 0.83 -21.11 | 25.32 0.92 -17.51 | 23.09 0.90 -15.35 | 21.93 0.83 -14.88 | 21.78 0.80 -15.05 | 21.73 0.87 -14.49 | 22.80 1.74 -10.43 | 24.32 1.79 -9.96 | 26.87 2.90 -6.88 | 30.86 3.28 -8.08 | 31.67 2.92 -9.69 | 32.03 2.99 -9.89 | 30.41 2.53 -10.89 | 29.94 2.39 -11.70 | 27.54 2.36 -9.48 | 27.32 2.31 -9.20 | 27.97 2.67 -9.52 | 29.65 2.95 -10.15 | 29.91 2.67 -11.41 | 31.41 2.90 -11.43 | 34.61 3.60 -10.29 | 29.85 3.03 -7.31 | 26.80 2.51 -8.39 | 24.79 2.00 -10.52 |
| PROJECT___ORANGE 1 24174 | 7.88 0.01 -1.64 | 8.23 -0.01 -1.36 | 7.99 -0.01 -1.17 | 7.34 -0.02 -1.14 | 6.98 -0.01 -1.06 | 7.36 -0.03 -1.02 | 11.08 -0.04 -0.50 | 13.04 -0.04 -0.49 | 17.25 -0.03 -0.20 | 20.00 0.00 -0.50 | 19.56 0.00 -0.50 | 19.62 0.00 -0.47 | 17.52 -0.02 -0.55 | 16.31 -0.05 -0.51 | 16.03 -0.06 -0.39 | 16.27 -0.05 -0.51 | 16.36 -0.06 -0.64 | 17.29 -0.05 -0.79 | 16.67 -0.05 -0.89 | 17.97 -0.02 -0.90 | 21.50 0.00 -0.79 | 19.80 0.00 -0.28 | 16.12 -0.02 -0.24 | 13.01 -0.01 -0.76 |
| PROJECT___ORANGE 2 24166 | 7.88 0.01 -1.64 | 8.23 -0.01 -1.36 | 7.99 -0.01 -1.17 | 7.34 -0.02 -1.14 | 6.98 -0.01 -1.06 | 7.36 -0.03 -1.02 | 11.08 -0.04 -0.50 | 13.04 -0.04 -0.49 | 17.25 -0.03 -0.20 | 20.00 0.00 -0.50 | 19.56 0.00 -0.50 | 19.62 0.00 -0.47 | 17.52 -0.02 -0.55 | 16.31 -0.05 -0.51 | 16.03 -0.06 -0.39 | 16.27 -0.05 -0.51 | 16.36 -0.06 -0.64 | 17.29 -0.05 -0.79 | 16.67 -0.05 -0.89 | 17.97 -0.02 -0.90 | 21.50 0.00 -0.79 | 19.80 0.00 -0.28 | 16.12 -0.02 -0.24 | 13.01 -0.01 -0.76 |
| PYRITES___HYD 24023 | 5.79 -0.44 0.00 | 6.42 -0.47 0.00 | 6.37 -0.47 0.00 | 5.80 -0.42 0.00 | 5.50 -0.43 0.00 | 5.98 -0.40 0.00 | 9.93 -0.69 0.00 | 11.79 -0.79 0.00 | 15.70 -1.38 0.00 | 17.77 -1.74 0.00 | 17.31 -1.75 0.00 | 17.41 -1.74 0.00 | 15.41 -1.58 0.00 | 14.52 -1.33 0.00 | 14.45 -1.26 0.00 | 14.53 -1.28 0.00 | 14.52 -1.26 0.00 | 15.13 -1.42 0.00 | 14.54 -1.28 0.00 | 15.54 -1.54 0.00 | 18.85 -1.86 0.00 | 17.78 -1.74 0.00 | 14.54 -1.35 0.00 | 11.39 -0.87 0.00 |
| RAMAPO___LBMP 323565 | 26.20 0.63 -19.34 | 23.54 0.70 -15.96 | 21.31 0.69 -13.78 | 20.25 0.63 -13.40 | 18.98 0.59 -12.46 | 19.02 0.63 -12.02 | 17.60 1.09 -5.89 | 19.65 1.28 -5.79 | 21.29 1.86 -2.35 | 27.51 2.17 -5.84 | 27.07 2.12 -5.90 | 26.79 2.13 -5.51 | 25.36 1.89 -6.48 | 23.66 1.76 -6.06 | 22.02 1.71 -4.60 | 23.51 1.74 -5.95 | 25.05 1.75 -7.52 | 27.68 1.84 -9.29 | 28.08 1.72 -10.53 | 29.60 1.88 -10.64 | 32.32 2.30 -9.31 | 25.00 2.17 -3.31 | 23.81 1.76 -6.15 | 22.57 1.31 -9.00 |
| RANKINE____ 23646 | 9.51 -0.04 -3.32 | 9.57 -0.06 -2.74 | 9.15 -0.05 -2.37 | 8.46 -0.06 -2.30 | 8.05 -0.02 -2.14 | 8.35 -0.08 -2.06 | 11.46 -0.17 -1.01 | 13.20 -0.38 -0.99 | 16.73 -0.75 -0.40 | 19.73 -0.78 -1.00 | 19.29 -0.78 -1.01 | 19.29 -0.80 -0.95 | 17.42 -0.68 -1.11 | 16.21 -0.68 -1.04 | 15.74 -0.75 -0.79 | 16.06 -0.77 -1.02 | 16.31 -0.76 -1.29 | 17.40 -0.74 -1.59 | 16.89 -0.74 -1.81 | 18.12 -0.79 -1.83 | 21.38 -0.93 -1.60 | 19.25 -0.84 -0.57 | 15.77 -0.60 -0.48 | 13.58 -0.22 -1.54 |
| RAVENSWOOD_GT2_1 24244 | 32.91 0.72 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.09 2.48 -12.10 | 35.65 2.42 -14.17 | 35.26 2.45 -13.66 | 35.32 2.17 -16.16 | 36.05 2.03 -18.18 | 35.51 1.98 -17.82 | 34.73 2.01 -16.91 | 35.45 2.00 -17.67 | 34.89 2.12 -16.21 | 34.79 1.99 -16.97 | 34.53 2.17 -15.28 | 37.33 2.65 -13.97 | 32.07 2.50 -10.05 | 30.66 2.04 -12.73 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT2_2 24245 | 32.91 0.72 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.09 2.48 -12.10 | 35.65 2.42 -14.17 | 35.26 2.45 -13.66 | 35.32 2.17 -16.16 | 36.05 2.03 -18.18 | 35.51 1.98 -17.82 | 34.73 2.01 -16.91 | 35.45 2.00 -17.67 | 34.89 2.12 -16.21 | 34.79 1.99 -16.97 | 34.53 2.17 -15.28 | 37.33 2.65 -13.97 | 32.07 2.50 -10.05 | 30.66 2.04 -12.73 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT2_3 24246 | 32.91 0.73 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.90 0.73 -13.95 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.11 2.50 -12.10 | 35.67 2.44 -14.17 | 35.28 2.47 -13.66 | 35.34 2.19 -16.16 | 36.05 2.03 -18.18 | 35.53 1.99 -17.82 | 34.75 2.02 -16.91 | 35.47 2.02 -17.67 | 34.91 2.14 -16.21 | 34.80 2.01 -16.97 | 34.55 2.19 -15.28 | 37.35 2.67 -13.97 | 32.07 2.50 -10.05 | 30.68 2.05 -12.73 | 28.01 1.52 -14.22 |
| RAVENSWOOD_GT2_4 24247 | 32.91 0.73 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.90 0.73 -13.95 | 19.58 0.69 -12.95 | 19.61 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.11 2.50 -12.10 | 35.67 2.44 -14.17 | 35.28 2.47 -13.66 | 35.34 2.19 -16.16 | 36.05 2.03 -18.18 | 35.53 1.99 -17.82 | 34.75 2.02 -16.91 | 35.47 2.02 -17.67 | 34.91 2.14 -16.21 | 34.80 2.01 -16.97 | 34.55 2.19 -15.28 | 37.35 2.67 -13.97 | 32.07 2.50 -10.05 | 30.68 2.05 -12.73 | 28.01 1.52 -14.22 |

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|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT3_1 24248 | 32.91 0.73 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.09 2.48 -12.10 | 35.65 2.42 -14.17 | 35.26 2.45 -13.66 | 35.32 2.17 -16.16 | 36.05 2.03 -18.18 | 35.51 1.98 -17.82 | 34.73 2.01 -16.91 | 35.45 2.00 -17.67 | 34.89 2.12 -16.21 | 34.79 1.99 -16.97 | 34.53 2.17 -15.28 | 37.33 2.65 -13.97 | 32.07 2.50 -10.05 | 30.66 2.04 -12.73 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT3_2 24249 | 32.91 0.73 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.09 2.48 -12.10 | 35.65 2.42 -14.17 | 35.26 2.45 -13.66 | 35.32 2.17 -16.16 | 36.05 2.03 -18.18 | 35.51 1.98 -17.82 | 34.73 2.01 -16.91 | 35.45 2.00 -17.67 | 34.89 2.12 -16.21 | 34.79 1.99 -16.97 | 34.53 2.17 -15.28 | 37.33 2.65 -13.97 | 32.07 2.50 -10.05 | 30.66 2.04 -12.73 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT3_3 24250 | 32.92 0.74 -25.95 | 29.09 0.81 -21.40 | 26.39 0.81 -18.75 | 20.91 0.74 -13.95 | 19.58 0.69 -12.95 | 19.62 0.74 -12.50 | 18.03 1.27 -6.14 | 21.32 1.51 -7.23 | 31.90 2.17 -12.65 | 34.13 2.52 -12.10 | 35.69 2.46 -14.17 | 35.30 2.49 -13.66 | 35.34 2.19 -16.16 | 36.07 2.04 -18.18 | 35.53 1.99 -17.82 | 34.75 2.02 -16.91 | 35.48 2.04 -17.67 | 34.91 2.14 -16.21 | 34.80 2.01 -16.97 | 34.55 2.19 -15.28 | 37.35 2.67 -13.97 | 32.09 2.52 -10.05 | 30.69 2.07 -12.73 | 28.02 1.53 -14.22 |
| RAVENSWOOD_GT3_4 24251 | 32.92 0.74 -25.95 | 29.09 0.81 -21.40 | 26.39 0.81 -18.75 | 20.91 0.74 -13.95 | 19.58 0.69 -12.95 | 19.62 0.74 -12.50 | 18.03 1.27 -6.14 | 21.32 1.51 -7.23 | 31.90 2.17 -12.65 | 34.13 2.52 -12.10 | 35.69 2.46 -14.17 | 35.30 2.49 -13.66 | 35.34 2.19 -16.16 | 36.07 2.04 -18.18 | 35.53 1.99 -17.82 | 34.75 2.02 -16.91 | 35.48 2.04 -17.67 | 34.91 2.14 -16.21 | 34.80 2.01 -16.97 | 34.55 2.19 -15.28 | 37.35 2.67 -13.97 | 32.09 2.52 -10.05 | 30.69 2.07 -12.73 | 28.02 1.53 -14.22 |
| RAVENSWOOD_GT_1 23729 | 35.81 0.75 -28.83 | 29.11 0.83 -21.40 | 26.41 0.82 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.76 -12.50 | 18.06 1.31 -6.14 | 21.34 1.53 -7.23 | 31.93 2.20 -12.65 | 35.47 2.57 -13.39 | 37.86 2.52 -16.29 | 37.97 2.55 -16.27 | 38.04 2.26 -18.79 | 38.66 2.11 -20.70 | 38.24 2.06 -20.48 | 37.12 2.09 -19.22 | 38.14 2.08 -20.28 | 37.64 2.20 -18.88 | 37.52 2.06 -19.65 | 36.97 2.25 -17.63 | 39.56 2.75 -16.10 | 35.38 2.58 -13.28 | 33.89 2.10 -15.89 | 28.04 1.56 -14.22 |
| RAVENSWOOD_GT_10 24258 | 33.24 0.72 -26.28 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.86 2.13 -12.65 | 34.23 2.48 -12.25 | 35.90 2.42 -14.42 | 35.56 2.45 -13.96 | 35.63 2.17 -16.46 | 36.35 2.03 -18.47 | 35.82 1.98 -18.13 | 35.00 2.01 -17.18 | 35.75 2.00 -17.97 | 35.20 2.12 -16.52 | 35.10 1.99 -17.28 | 34.81 2.17 -15.56 | 37.58 2.65 -14.22 | 32.44 2.50 -10.42 | 31.03 2.04 -13.10 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_11 24259 | 33.24 0.72 -26.28 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.86 2.13 -12.65 | 34.23 2.48 -12.25 | 35.90 2.42 -14.42 | 35.56 2.45 -13.96 | 35.63 2.17 -16.46 | 36.35 2.03 -18.47 | 35.82 1.98 -18.13 | 35.00 2.01 -17.18 | 35.75 2.00 -17.97 | 35.20 2.12 -16.52 | 35.10 1.99 -17.28 | 34.81 2.17 -15.56 | 37.58 2.65 -14.22 | 32.44 2.50 -10.42 | 31.03 2.04 -13.10 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_4 24252 | 35.10 0.72 -28.14 | 29.08 0.80 -21.40 | 26.38 0.79 -18.75 | 20.89 0.73 -13.95 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.01 1.25 -6.14 | 21.29 1.48 -7.23 | 31.86 2.13 -12.65 | 35.06 2.48 -13.08 | 37.26 2.42 -15.78 | 37.25 2.45 -15.65 | 37.31 2.16 -18.16 | 37.96 2.01 -20.10 | 37.52 1.96 -19.85 | 36.48 1.99 -18.67 | 37.44 2.00 -19.65 | 36.90 2.10 -18.24 | 36.81 1.98 -19.01 | 36.31 2.15 -17.07 | 38.93 2.63 -15.59 | 34.51 2.48 -12.51 | 33.07 2.04 -15.14 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_5 24254 | 35.10 0.72 -28.14 | 29.08 0.80 -21.40 | 26.38 0.79 -18.75 | 20.89 0.73 -13.95 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.01 1.25 -6.14 | 21.29 1.48 -7.23 | 31.86 2.13 -12.65 | 35.06 2.48 -13.08 | 37.26 2.42 -15.78 | 37.25 2.45 -15.65 | 37.31 2.16 -18.16 | 37.96 2.01 -20.10 | 37.52 1.96 -19.85 | 36.48 1.99 -18.67 | 37.44 2.00 -19.65 | 36.90 2.10 -18.24 | 36.81 1.98 -19.01 | 36.31 2.15 -17.07 | 38.93 2.63 -15.59 | 34.51 2.48 -12.51 | 33.07 2.04 -15.14 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_6 24253 | 35.10 0.72 -28.14 | 29.08 0.80 -21.40 | 26.38 0.79 -18.75 | 20.89 0.73 -13.95 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.01 1.25 -6.14 | 21.29 1.48 -7.23 | 31.86 2.13 -12.65 | 35.06 2.48 -13.08 | 37.26 2.42 -15.78 | 37.25 2.45 -15.65 | 37.31 2.16 -18.16 | 37.96 2.01 -20.10 | 37.52 1.96 -19.85 | 36.48 1.99 -18.67 | 37.44 2.00 -19.65 | 36.90 2.10 -18.24 | 36.81 1.98 -19.01 | 36.31 2.15 -17.07 | 38.93 2.63 -15.59 | 34.51 2.48 -12.51 | 33.07 2.04 -15.14 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_7 24255 | 35.10 0.72 -28.14 | 29.08 0.80 -21.40 | 26.38 0.79 -18.75 | 20.89 0.73 -13.95 | 19.56 0.68 -12.95 | 19.60 0.73 -12.50 | 18.01 1.25 -6.14 | 21.29 1.48 -7.23 | 31.86 2.13 -12.65 | 35.06 2.48 -13.08 | 37.26 2.42 -15.78 | 37.25 2.45 -15.65 | 37.31 2.16 -18.16 | 37.96 2.01 -20.10 | 37.52 1.96 -19.85 | 36.48 1.99 -18.67 | 37.44 2.00 -19.65 | 36.90 2.10 -18.24 | 36.81 1.98 -19.01 | 36.31 2.15 -17.07 | 38.93 2.63 -15.59 | 34.51 2.48 -12.51 | 33.07 2.04 -15.14 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 33.24 0.72 -26.28 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.86 2.13 -12.65 | 34.23 2.48 -12.25 | 35.90 2.42 -14.42 | 35.56 2.45 -13.96 | 35.63 2.17 -16.46 | 36.35 2.03 -18.47 | 35.82 1.98 -18.13 | 35.00 2.01 -17.18 | 35.75 2.00 -17.97 | 35.20 2.12 -16.52 | 35.10 1.99 -17.28 | 34.81 2.17 -15.56 | 37.58 2.65 -14.22 | 32.44 2.50 -10.42 | 31.03 2.04 -13.10 | 27.99 1.51 -14.22 |
| RAVENSWOOD_GT_9 24257 | 33.24 0.72 -26.28 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.86 2.13 -12.65 | 34.23 2.48 -12.25 | 35.90 2.42 -14.42 | 35.56 2.45 -13.96 | 35.63 2.17 -16.46 | 36.35 2.03 -18.47 | 35.82 1.98 -18.13 | 35.00 2.01 -17.18 | 35.75 2.00 -17.97 | 35.20 2.12 -16.52 | 35.10 1.99 -17.28 | 34.81 2.17 -15.56 | 37.58 2.65 -14.22 | 32.44 2.50 -10.42 | 31.03 2.04 -13.10 | 27.99 1.51 -14.22 |
| RAVENSWOOD___1 23533 | 32.92 0.74 -25.95 | 29.10 0.82 -21.40 | 26.40 0.81 -18.75 | 20.92 0.76 -13.95 | 19.61 0.72 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.93 2.20 -12.65 | 34.16 2.55 -12.10 | 35.73 2.50 -14.17 | 35.34 2.53 -13.66 | 35.39 2.24 -16.16 | 36.12 2.09 -18.18 | 35.57 2.04 -17.82 | 34.79 2.07 -16.91 | 35.51 2.07 -17.67 | 34.95 2.19 -16.21 | 34.85 2.06 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.71 2.08 -12.73 | 28.03 1.55 -14.22 |
| RAVENSWOOD___2 23534 | 32.92 0.74 -25.95 | 29.10 0.82 -21.40 | 26.40 0.81 -18.75 | 20.92 0.75 -13.95 | 19.60 0.71 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.92 2.19 -12.65 | 34.16 2.55 -12.10 | 35.73 2.50 -14.17 | 35.34 2.53 -13.66 | 35.39 2.24 -16.16 | 36.10 2.08 -18.18 | 35.56 2.03 -17.82 | 34.78 2.05 -16.91 | 35.51 2.07 -17.67 | 34.94 2.17 -16.21 | 34.84 2.04 -16.97 | 34.60 2.24 -15.28 | 37.41 2.73 -13.97 | 32.12 2.56 -10.05 | 30.71 2.08 -12.73 | 28.03 1.55 -14.22 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___3 23535 | 32.91 0.73 -25.95 | 29.09 0.81 -21.40 | 26.39 0.80 -18.75 | 20.89 0.73 -13.95 | 19.57 0.69 -12.95 | 19.60 0.73 -12.50 | 18.02 1.26 -6.14 | 21.30 1.50 -7.23 | 31.88 2.15 -12.65 | 34.09 2.48 -12.10 | 35.65 2.42 -14.17 | 35.26 2.45 -13.66 | 35.32 2.17 -16.16 | 36.05 2.03 -18.18 | 35.51 1.98 -17.82 | 34.73 2.01 -16.91 | 35.47 2.02 -17.67 | 34.89 2.12 -16.21 | 34.79 1.99 -16.97 | 34.53 2.17 -15.28 | 37.33 2.65 -13.97 | 32.07 2.50 -10.05 | 30.66 2.04 -12.73 | 27.99 1.51 -14.22 |
| RAVENSWOOD___4 23820 | 30.09 0.74 -23.12 | 29.10 0.82 -21.40 | 26.40 0.81 -18.75 | 20.92 0.75 -13.95 | 19.60 0.71 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.92 2.19 -12.65 | 32.88 2.53 -10.83 | 33.62 2.48 -12.08 | 32.77 2.53 -11.09 | 32.78 2.22 -13.57 | 33.61 2.08 -15.69 | 32.94 2.03 -15.21 | 32.50 2.05 -14.63 | 32.93 2.05 -15.09 | 32.31 2.17 -13.59 | 32.21 2.04 -14.34 | 32.27 2.22 -12.97 | 35.30 2.71 -11.88 | 28.92 2.54 -6.86 | 27.60 2.08 -9.62 | 28.02 1.53 -14.22 |
| RCPL_TRUST___DRP 24196 | 30.06 0.72 -23.11 | 26.75 0.81 -19.06 | 24.24 0.80 -16.60 | 20.88 0.73 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.49 | 18.00 1.25 -6.13 | 20.72 1.50 -6.64 | 26.91 2.13 -7.70 | 31.16 2.48 -9.17 | 31.75 2.42 -10.27 | 31.42 2.45 -9.81 | 30.75 2.17 -11.59 | 30.29 2.03 -12.42 | 29.18 1.98 -11.50 | 29.53 2.01 -11.71 | 30.67 2.00 -12.89 | 31.70 2.12 -13.03 | 31.86 1.99 -14.05 | 32.47 2.15 -13.23 | 35.22 2.63 -11.88 | 28.84 2.48 -6.84 | 27.54 2.04 -9.61 | 25.59 1.51 -11.82 |
| RENSSELAER___COGEN 23796 | 32.69 0.39 -26.07 | 28.83 0.43 -21.52 | 25.83 0.42 -18.58 | 24.66 0.37 -18.07 | 23.09 0.36 -16.80 | 22.95 0.38 -16.20 | 19.04 0.49 -7.94 | 20.92 0.54 -7.80 | 21.09 0.84 -3.17 | 28.36 0.98 -7.88 | 27.97 0.95 -7.96 | 27.55 0.96 -7.44 | 26.59 0.85 -8.75 | 24.80 0.78 -8.17 | 22.68 0.77 -6.21 | 24.62 0.77 -8.03 | 26.69 0.77 -10.13 | 29.90 0.83 -12.52 | 30.81 0.79 -14.20 | 32.28 0.85 -14.35 | 34.29 1.04 -12.55 | 24.95 0.96 -4.47 | 20.58 0.78 -3.91 | 24.90 0.53 -12.11 |
| REVERE_CPPR_DRP 24186 | 6.78 0.11 -0.44 | 7.36 0.11 -0.36 | 7.26 0.11 -0.31 | 6.62 0.09 -0.30 | 6.29 0.08 -0.28 | 6.73 0.08 -0.27 | 10.90 0.15 -0.13 | 12.90 0.19 -0.13 | 17.46 0.32 -0.05 | 20.07 0.43 -0.13 | 19.57 0.38 -0.13 | 19.66 0.38 -0.13 | 17.44 0.31 -0.15 | 16.24 0.25 -0.14 | 16.05 0.24 -0.10 | 16.20 0.25 -0.14 | 16.19 0.24 -0.17 | 17.03 0.26 -0.21 | 16.31 0.25 -0.24 | 17.61 0.29 -0.24 | 21.29 0.37 -0.21 | 19.97 0.37 -0.08 | 16.21 0.25 -0.06 | 12.64 0.17 -0.20 |
| RIVERBAY___ 323610 | 27.22 0.74 -20.25 | 24.41 0.81 -16.72 | 22.08 0.81 -14.44 | 20.90 0.74 -13.94 | 19.59 0.70 -12.96 | 19.61 0.74 -12.50 | 18.02 1.27 -6.13 | 20.13 1.51 -6.04 | 21.97 2.17 -2.72 | 28.29 2.53 -6.24 | 27.90 2.48 -6.36 | 27.62 2.51 -5.96 | 26.22 2.22 -7.01 | 24.56 2.08 -6.64 | 22.89 2.03 -5.15 | 24.36 2.05 -6.50 | 25.92 2.05 -8.09 | 28.55 2.17 -9.82 | 28.97 2.04 -11.10 | 30.48 2.24 -11.17 | 33.24 2.73 -9.80 | 25.69 2.54 -3.64 | 24.45 2.07 -6.49 | 23.20 1.52 -9.42 |
| ROCHESTER_9_IC 23652 | 8.56 -0.09 -2.42 | 8.77 -0.11 -2.00 | 8.46 -0.10 -1.72 | 7.79 -0.11 -1.68 | 7.40 -0.09 -1.56 | 7.74 -0.13 -1.50 | 11.13 -0.22 -0.74 | 12.97 -0.34 -0.72 | 16.79 -0.58 -0.29 | 19.63 -0.60 -0.73 | 19.21 -0.59 -0.74 | 19.21 -0.63 -0.69 | 17.24 -0.56 -0.81 | 16.02 -0.59 -0.76 | 15.72 -0.56 -0.58 | 15.99 -0.57 -0.74 | 16.10 -0.62 -0.94 | 17.14 -0.58 -1.16 | 16.57 -0.57 -1.32 | 17.85 -0.56 -1.33 | 21.25 -0.62 -1.16 | 19.35 -0.59 -0.41 | 15.75 -0.49 -0.35 | 13.12 -0.27 -1.12 |
| ROSETON___1 23587 | 26.97 0.59 -20.15 | 24.17 0.65 -16.64 | 21.84 0.64 -14.37 | 20.78 0.59 -13.97 | 19.47 0.56 -12.99 | 19.49 0.59 -12.52 | 17.78 1.03 -6.14 | 19.82 1.21 -6.03 | 21.27 1.74 -2.45 | 27.62 2.03 -6.09 | 27.19 1.98 -6.14 | 26.91 2.01 -5.75 | 25.51 1.77 -6.76 | 23.81 1.65 -6.31 | 22.12 1.62 -4.79 | 23.66 1.64 -6.21 | 25.25 1.64 -7.83 | 27.95 1.72 -9.68 | 28.43 1.63 -10.97 | 29.95 1.78 -11.09 | 32.56 2.15 -9.70 | 25.00 2.03 -3.45 | 24.29 1.64 -6.76 | 22.81 1.20 -9.35 |
| ROSETON___2 23588 | 26.97 0.59 -20.15 | 24.17 0.65 -16.64 | 21.84 0.64 -14.37 | 20.78 0.59 -13.97 | 19.47 0.56 -12.99 | 19.49 0.59 -12.52 | 17.78 1.03 -6.14 | 19.82 1.21 -6.03 | 21.27 1.74 -2.45 | 27.62 2.03 -6.09 | 27.19 1.98 -6.14 | 26.91 2.01 -5.75 | 25.51 1.77 -6.76 | 23.81 1.65 -6.31 | 22.12 1.62 -4.79 | 23.66 1.64 -6.21 | 25.25 1.64 -7.83 | 27.95 1.72 -9.68 | 28.43 1.63 -10.97 | 29.95 1.78 -11.09 | 32.56 2.15 -9.70 | 25.00 2.03 -3.45 | 24.29 1.64 -6.76 | 22.81 1.20 -9.35 |
| RUSSELL___1 23602 | 8.59 -0.06 -2.42 | 8.81 -0.08 -2.00 | 8.49 -0.07 -1.72 | 7.81 -0.08 -1.68 | 7.42 -0.07 -1.56 | 7.77 -0.10 -1.50 | 11.19 -0.17 -0.74 | 13.03 -0.28 -0.72 | 16.88 -0.50 -0.29 | 19.73 -0.51 -0.73 | 19.32 -0.48 -0.74 | 19.33 -0.52 -0.69 | 17.32 -0.48 -0.81 | 16.10 -0.51 -0.76 | 15.79 -0.49 -0.58 | 16.07 -0.49 -0.74 | 16.18 -0.54 -0.94 | 17.22 -0.50 -1.16 | 16.65 -0.49 -1.32 | 17.95 -0.46 -1.33 | 21.40 -0.48 -1.16 | 19.47 -0.47 -0.41 | 15.83 -0.41 -0.35 | 13.18 -0.21 -1.12 |
| RUSSELL___2 23532 | 8.59 -0.06 -2.42 | 8.81 -0.08 -2.00 | 8.49 -0.07 -1.72 | 7.81 -0.08 -1.68 | 7.42 -0.07 -1.56 | 7.77 -0.10 -1.50 | 11.19 -0.17 -0.74 | 13.03 -0.28 -0.72 | 16.88 -0.50 -0.29 | 19.73 -0.51 -0.73 | 19.32 -0.48 -0.74 | 19.33 -0.52 -0.69 | 17.32 -0.48 -0.81 | 16.10 -0.51 -0.76 | 15.79 -0.49 -0.58 | 16.07 -0.49 -0.74 | 16.18 -0.54 -0.94 | 17.22 -0.50 -1.16 | 16.65 -0.49 -1.32 | 17.95 -0.46 -1.33 | 21.40 -0.48 -1.16 | 19.47 -0.47 -0.41 | 15.83 -0.41 -0.35 | 13.18 -0.21 -1.12 |
| RUSSELL___3 23549 | 8.59 -0.06 -2.42 | 8.81 -0.08 -2.00 | 8.49 -0.07 -1.72 | 7.81 -0.08 -1.68 | 7.42 -0.07 -1.56 | 7.77 -0.10 -1.50 | 11.19 -0.17 -0.74 | 13.03 -0.28 -0.72 | 16.88 -0.50 -0.29 | 19.73 -0.51 -0.73 | 19.32 -0.48 -0.74 | 19.33 -0.52 -0.69 | 17.32 -0.48 -0.81 | 16.10 -0.51 -0.76 | 15.79 -0.49 -0.58 | 16.07 -0.49 -0.74 | 16.18 -0.54 -0.94 | 17.22 -0.50 -1.16 | 16.65 -0.49 -1.32 | 17.95 -0.46 -1.33 | 21.40 -0.48 -1.16 | 19.47 -0.47 -0.41 | 15.83 -0.41 -0.35 | 13.18 -0.21 -1.12 |
| RUSSELL___4 23556 | 8.59 -0.06 -2.42 | 8.81 -0.08 -2.00 | 8.49 -0.07 -1.72 | 7.81 -0.08 -1.68 | 7.42 -0.07 -1.56 | 7.77 -0.10 -1.50 | 11.19 -0.17 -0.74 | 13.03 -0.28 -0.72 | 16.88 -0.50 -0.29 | 19.73 -0.51 -0.73 | 19.32 -0.48 -0.74 | 19.33 -0.52 -0.69 | 17.32 -0.48 -0.81 | 16.10 -0.51 -0.76 | 15.79 -0.49 -0.58 | 16.07 -0.49 -0.74 | 16.18 -0.54 -0.94 | 17.22 -0.50 -1.16 | 16.65 -0.49 -1.32 | 17.95 -0.46 -1.33 | 21.40 -0.48 -1.16 | 19.47 -0.47 -0.41 | 15.83 -0.41 -0.35 | 13.18 -0.21 -1.12 |
| RUSSELL___STATION 23914 | 8.59 -0.06 -2.42 | 8.81 -0.08 -2.00 | 8.49 -0.07 -1.72 | 7.81 -0.08 -1.68 | 7.42 -0.07 -1.56 | 7.77 -0.10 -1.50 | 11.19 -0.17 -0.74 | 13.03 -0.28 -0.72 | 16.88 -0.50 -0.29 | 19.73 -0.51 -0.73 | 19.32 -0.48 -0.74 | 19.33 -0.52 -0.69 | 17.32 -0.48 -0.81 | 16.10 -0.51 -0.76 | 15.79 -0.49 -0.58 | 16.07 -0.49 -0.74 | 16.18 -0.54 -0.94 | 17.22 -0.50 -1.16 | 16.65 -0.49 -1.32 | 17.95 -0.46 -1.33 | 21.40 -0.48 -1.16 | 19.47 -0.47 -0.41 | 15.83 -0.41 -0.35 | 13.18 -0.21 -1.12 |
| S SALMON___HYD 24043 | 7.44 -0.09 -1.30 | 7.84 -0.12 -1.07 | 7.65 -0.12 -0.93 | 7.00 -0.12 -0.90 | 6.65 -0.11 -0.84 | 7.05 -0.13 -0.81 | 10.81 -0.20 -0.40 | 12.74 -0.23 -0.39 | 16.96 -0.27 -0.16 | 19.63 -0.27 -0.39 | 19.17 -0.29 -0.40 | 19.24 -0.29 -0.37 | 17.15 -0.27 -0.44 | 15.94 -0.32 -0.41 | 15.70 -0.31 -0.31 | 15.91 -0.30 -0.40 | 15.97 -0.32 -0.50 | 16.86 -0.32 -0.62 | 16.20 -0.33 -0.71 | 17.45 -0.34 -0.71 | 20.96 -0.37 -0.63 | 19.43 -0.31 -0.22 | 15.83 -0.25 -0.19 | 12.66 -0.21 -0.60 |

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|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 9.29 -0.12 -3.18 | 9.36 -0.15 -2.63 | 8.97 -0.14 -2.27 | 8.29 -0.14 -2.21 | 7.88 -0.10 -2.05 | 8.18 -0.17 -1.98 | 11.27 -0.32 -0.97 | 12.95 -0.58 -0.95 | 16.43 -1.04 -0.39 | 19.34 -1.13 -0.96 | 18.91 -1.12 -0.97 | 18.93 -1.13 -0.91 | 17.09 -0.97 -1.07 | 15.89 -0.95 -1.00 | 15.46 -1.01 -0.76 | 15.77 -1.03 -0.98 | 15.99 -1.03 -1.24 | 17.07 -1.01 -1.53 | 16.54 -1.01 -1.73 | 17.77 -1.06 -1.75 | 20.98 -1.26 -1.53 | 18.92 -1.15 -0.55 | 15.52 -0.84 -0.46 | 13.36 -0.38 -1.48 |
| SELKIRK___I 23801 | 32.34 0.35 -25.76 | 28.54 0.39 -21.27 | 25.58 0.38 -18.36 | 24.42 0.35 -17.86 | 22.86 0.33 -16.60 | 22.73 0.35 -16.01 | 18.96 0.50 -7.84 | 20.86 0.57 -7.71 | 21.07 0.85 -3.13 | 28.29 0.99 -7.79 | 27.89 0.97 -7.86 | 27.48 0.98 -7.35 | 26.50 0.87 -8.65 | 24.73 0.81 -8.08 | 22.64 0.80 -6.13 | 24.56 0.81 -7.94 | 26.60 0.80 -10.02 | 29.77 0.84 -12.37 | 30.66 0.81 -14.03 | 32.13 0.87 -14.18 | 34.17 1.06 -12.40 | 24.93 1.00 -4.42 | 20.61 0.81 -3.90 | 24.80 0.56 -11.97 |
| SELKIRK___II 23799 | 32.37 0.35 -25.79 | 28.56 0.39 -21.29 | 25.60 0.38 -18.38 | 24.44 0.35 -17.87 | 22.88 0.33 -16.61 | 22.75 0.35 -16.02 | 18.97 0.50 -7.85 | 20.87 0.57 -7.72 | 21.07 0.85 -3.13 | 28.30 0.99 -7.79 | 27.90 0.97 -7.87 | 27.49 0.98 -7.36 | 26.51 0.87 -8.66 | 24.74 0.81 -8.09 | 22.65 0.80 -6.14 | 24.57 0.81 -7.95 | 26.61 0.80 -10.02 | 29.78 0.84 -12.39 | 30.67 0.81 -14.04 | 32.14 0.87 -14.19 | 34.18 1.06 -12.41 | 24.94 1.00 -4.42 | 20.60 0.81 -3.89 | 24.81 0.56 -11.98 |
| SENECA OSWGO___HYD 24041 | 7.70 -0.06 -1.53 | 8.06 -0.08 -1.26 | 7.84 -0.08 -1.09 | 7.20 -0.08 -1.06 | 6.84 -0.07 -0.98 | 7.23 -0.10 -0.95 | 10.94 -0.15 -0.47 | 12.89 -0.15 -0.46 | 17.08 -0.19 -0.19 | 19.77 -0.20 -0.46 | 19.33 -0.19 -0.47 | 19.40 -0.19 -0.44 | 17.31 -0.19 -0.51 | 16.12 -0.21 -0.48 | 15.87 -0.20 -0.36 | 16.08 -0.21 -0.47 | 16.15 -0.22 -0.59 | 17.07 -0.22 -0.73 | 16.45 -0.21 -0.83 | 17.73 -0.19 -0.84 | 21.24 -0.21 -0.74 | 19.61 -0.18 -0.26 | 15.94 -0.17 -0.22 | 12.84 -0.13 -0.71 |
| SENECA___ENERGY 23797 | 8.75 -0.01 -2.53 | 8.94 -0.03 -2.09 | 8.61 -0.03 -1.80 | 7.93 -0.04 -1.75 | 7.53 -0.03 -1.63 | 7.88 -0.06 -1.57 | 11.30 -0.09 -0.77 | 13.25 -0.09 -0.76 | 17.25 -0.14 -0.31 | 20.17 -0.10 -0.76 | 19.72 -0.11 -0.77 | 19.74 -0.13 -0.72 | 17.70 -0.14 -0.85 | 16.48 -0.16 -0.79 | 16.14 -0.17 -0.60 | 16.43 -0.16 -0.78 | 16.57 -0.19 -0.98 | 17.60 -0.17 -1.21 | 17.04 -0.16 -1.38 | 18.35 -0.12 -1.39 | 21.82 -0.10 -1.22 | 19.84 -0.12 -0.43 | 16.12 -0.14 -0.37 | 13.35 -0.09 -1.17 |
| SHOEMAKER___GT 23640 | 25.13 0.52 -18.38 | 22.64 0.58 -15.17 | 20.51 0.57 -13.10 | 19.48 0.52 -12.74 | 18.26 0.49 -11.84 | 18.32 0.53 -11.42 | 17.13 0.91 -5.59 | 19.12 1.04 -5.50 | 20.85 1.54 -2.23 | 26.85 1.79 -5.55 | 26.40 1.73 -5.60 | 26.15 1.76 -5.24 | 24.70 1.55 -6.16 | 23.04 1.44 -5.76 | 21.49 1.41 -4.37 | 22.92 1.45 -5.66 | 24.38 1.45 -7.15 | 26.89 1.51 -8.83 | 27.26 1.42 -10.01 | 28.75 1.55 -10.11 | 31.46 1.90 -8.85 | 24.45 1.78 -3.15 | 23.04 1.45 -5.70 | 21.81 1.07 -8.48 |
| SHOREHAM_IC_1 23715 | 28.17 0.83 -21.11 | 25.32 0.92 -17.51 | 23.09 0.90 -15.35 | 21.93 0.83 -14.88 | 21.78 0.80 -15.05 | 21.73 0.87 -14.49 | 22.80 1.74 -10.43 | 24.32 1.79 -9.96 | 26.87 2.90 -6.88 | 30.86 3.28 -8.08 | 31.67 2.92 -9.69 | 32.03 2.99 -9.89 | 30.41 2.53 -10.89 | 29.94 2.39 -11.70 | 27.54 2.36 -9.48 | 27.32 2.31 -9.20 | 27.97 2.67 -9.52 | 29.65 2.95 -10.15 | 29.91 2.67 -11.41 | 31.41 2.90 -11.43 | 34.61 3.60 -10.29 | 29.85 3.03 -7.31 | 26.80 2.51 -8.39 | 24.79 2.00 -10.52 |
| SHOREHAM_IC_2 23716 | 28.17 0.83 -21.11 | 25.32 0.92 -17.51 | 23.09 0.90 -15.35 | 21.93 0.83 -14.88 | 21.78 0.80 -15.05 | 21.73 0.87 -14.49 | 22.80 1.74 -10.43 | 24.32 1.79 -9.96 | 26.87 2.90 -6.88 | 30.86 3.28 -8.08 | 31.67 2.92 -9.69 | 32.03 2.99 -9.89 | 30.41 2.53 -10.89 | 29.94 2.39 -11.70 | 27.54 2.36 -9.48 | 27.32 2.31 -9.20 | 27.97 2.67 -9.52 | 29.65 2.95 -10.15 | 29.91 2.67 -11.41 | 31.41 2.90 -11.43 | 34.61 3.60 -10.29 | 29.85 3.03 -7.31 | 26.80 2.51 -8.39 | 24.79 2.00 -10.52 |
| SISSONVILLE____ 23735 | 5.75 -0.49 0.00 | 6.37 -0.52 0.00 | 6.33 -0.51 0.00 | 5.76 -0.46 0.00 | 5.46 -0.47 0.00 | 5.93 -0.44 0.00 | 9.85 -0.76 0.00 | 11.69 -0.89 0.00 | 15.54 -1.54 0.00 | 17.58 -1.93 0.00 | 17.12 -1.94 0.00 | 17.20 -1.95 0.00 | 15.24 -1.75 0.00 | 14.36 -1.49 0.00 | 14.29 -1.41 0.00 | 14.37 -1.44 0.00 | 14.36 -1.42 0.00 | 14.97 -1.59 0.00 | 14.38 -1.44 0.00 | 15.37 -1.71 0.00 | 18.62 -2.09 0.00 | 17.59 -1.93 0.00 | 14.42 -1.48 0.00 | 11.30 -0.97 0.00 |
| SITHE_IND_GS1 24169 | 7.37 -0.12 -1.26 | 7.78 -0.14 -1.04 | 7.59 -0.14 -0.90 | 6.96 -0.14 -0.88 | 6.62 -0.12 -0.81 | 7.01 -0.15 -0.78 | 10.76 -0.24 -0.38 | 12.67 -0.29 -0.38 | 16.84 -0.39 -0.15 | 19.46 -0.43 -0.38 | 19.02 -0.42 -0.39 | 19.09 -0.42 -0.36 | 17.02 -0.39 -0.42 | 15.86 -0.38 -0.40 | 15.63 -0.38 -0.30 | 15.82 -0.38 -0.39 | 15.88 -0.39 -0.49 | 16.76 -0.40 -0.61 | 16.13 -0.38 -0.69 | 17.38 -0.39 -0.69 | 20.86 -0.46 -0.61 | 19.31 -0.43 -0.22 | 15.73 -0.35 -0.18 | 12.59 -0.26 -0.59 |
| SITHE_IND_GS2 24170 | 7.37 -0.12 -1.26 | 7.78 -0.14 -1.04 | 7.59 -0.14 -0.90 | 6.96 -0.14 -0.88 | 6.62 -0.12 -0.81 | 7.01 -0.15 -0.78 | 10.76 -0.24 -0.38 | 12.67 -0.29 -0.38 | 16.84 -0.39 -0.15 | 19.46 -0.43 -0.38 | 19.02 -0.42 -0.39 | 19.09 -0.42 -0.36 | 17.02 -0.39 -0.42 | 15.86 -0.38 -0.40 | 15.63 -0.38 -0.30 | 15.82 -0.38 -0.39 | 15.88 -0.39 -0.49 | 16.76 -0.40 -0.61 | 16.13 -0.38 -0.69 | 17.38 -0.39 -0.69 | 20.86 -0.46 -0.61 | 19.31 -0.43 -0.22 | 15.73 -0.35 -0.18 | 12.59 -0.26 -0.59 |
| SITHE_IND_GS3 24171 | 7.37 -0.12 -1.26 | 7.78 -0.14 -1.04 | 7.59 -0.14 -0.90 | 6.96 -0.14 -0.88 | 6.62 -0.12 -0.81 | 7.01 -0.15 -0.78 | 10.76 -0.24 -0.38 | 12.67 -0.29 -0.38 | 16.84 -0.39 -0.15 | 19.46 -0.43 -0.38 | 19.02 -0.42 -0.39 | 19.09 -0.42 -0.36 | 17.02 -0.39 -0.42 | 15.86 -0.38 -0.40 | 15.63 -0.38 -0.30 | 15.82 -0.38 -0.39 | 15.88 -0.39 -0.49 | 16.76 -0.40 -0.61 | 16.13 -0.38 -0.69 | 17.38 -0.39 -0.69 | 20.86 -0.46 -0.61 | 19.31 -0.43 -0.22 | 15.73 -0.35 -0.18 | 12.59 -0.26 -0.59 |
| SITHE_IND_GS4 24172 | 7.37 -0.12 -1.26 | 7.78 -0.14 -1.04 | 7.59 -0.14 -0.90 | 6.96 -0.14 -0.88 | 6.62 -0.12 -0.81 | 7.01 -0.15 -0.78 | 10.76 -0.24 -0.38 | 12.67 -0.29 -0.38 | 16.84 -0.39 -0.15 | 19.46 -0.43 -0.38 | 19.02 -0.42 -0.39 | 19.09 -0.42 -0.36 | 17.02 -0.39 -0.42 | 15.86 -0.38 -0.40 | 15.63 -0.38 -0.30 | 15.82 -0.38 -0.39 | 15.88 -0.39 -0.49 | 16.76 -0.40 -0.61 | 16.13 -0.38 -0.69 | 17.38 -0.39 -0.69 | 20.86 -0.46 -0.61 | 19.31 -0.43 -0.22 | 15.73 -0.35 -0.18 | 12.59 -0.26 -0.59 |
| SITHE___BATAVIA 24024 | 8.99 -0.07 -2.83 | 9.14 -0.08 -2.33 | 8.77 -0.08 -2.01 | 8.09 -0.09 -1.96 | 7.69 -0.06 -1.82 | 8.02 -0.11 -1.76 | 11.27 -0.21 -0.86 | 13.01 -0.41 -0.85 | 16.62 -0.80 -0.34 | 19.52 -0.84 -0.85 | 19.10 -0.82 -0.86 | 19.12 -0.84 -0.81 | 17.19 -0.75 -0.95 | 15.97 -0.76 -0.89 | 15.59 -0.78 -0.67 | 15.88 -0.81 -0.87 | 16.04 -0.84 -1.10 | 17.05 -0.86 -1.36 | 16.52 -0.84 -1.54 | 17.78 -0.85 -1.55 | 21.10 -0.97 -1.36 | 19.11 -0.90 -0.48 | 15.61 -0.70 -0.41 | 13.27 -0.31 -1.31 |
| SITHE___INDEPEND 23800 | 7.37 -0.12 -1.26 | 7.78 -0.14 -1.04 | 7.59 -0.14 -0.90 | 6.96 -0.14 -0.88 | 6.62 -0.12 -0.81 | 7.01 -0.15 -0.78 | 10.76 -0.24 -0.38 | 12.67 -0.29 -0.38 | 16.84 -0.39 -0.15 | 19.46 -0.43 -0.38 | 19.02 -0.42 -0.39 | 19.09 -0.42 -0.36 | 17.02 -0.39 -0.42 | 15.86 -0.38 -0.40 | 15.63 -0.38 -0.30 | 15.82 -0.38 -0.39 | 15.88 -0.39 -0.49 | 16.76 -0.40 -0.61 | 16.13 -0.38 -0.69 | 17.38 -0.39 -0.69 | 20.86 -0.46 -0.61 | 19.31 -0.43 -0.22 | 15.73 -0.35 -0.18 | 12.59 -0.26 -0.59 |

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|------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE___MASSENA 23902 | 5.90 -0.34 0.00 | 6.53 -0.35 0.00 | 6.49 -0.34 0.00 | 5.91 -0.31 0.00 | 5.62 -0.31 0.00 | 6.09 -0.29 0.00 | 10.12 -0.50 0.00 | 12.03 -0.55 0.00 | 16.07 -1.01 0.00 | 18.24 -1.27 0.00 | 17.84 -1.22 0.00 | 17.93 -1.23 0.00 | 15.90 -1.09 0.00 | 14.94 -0.90 0.00 | 14.86 -0.85 0.00 | 14.93 -0.89 0.00 | 14.93 -0.85 0.00 | 15.58 -0.98 0.00 | 14.95 -0.87 0.00 | 16.04 -1.04 0.00 | 19.41 -1.30 0.00 | 18.31 -1.21 0.00 | 14.94 -0.95 0.00 | 11.64 -0.63 0.00 |
| SITHE___OGDNSBRG 24021 | 5.86 -0.37 0.00 | 6.50 -0.39 0.00 | 6.46 -0.38 0.00 | 5.88 -0.34 0.00 | 5.58 -0.36 0.00 | 6.06 -0.31 0.00 | 10.08 -0.54 0.00 | 11.98 -0.60 0.00 | 15.97 -1.11 0.00 | 18.12 -1.38 0.00 | 17.69 -1.37 0.00 | 17.79 -1.36 0.00 | 15.75 -1.24 0.00 | 14.82 -1.03 0.00 | 14.75 -0.96 0.00 | 14.83 -0.98 0.00 | 14.82 -0.96 0.00 | 15.46 -1.09 0.00 | 14.84 -0.98 0.00 | 15.90 -1.18 0.00 | 19.26 -1.45 0.00 | 18.17 -1.35 0.00 | 14.81 -1.08 0.00 | 11.57 -0.70 0.00 |
| SITHE___STERLING 23777 | 6.94 0.10 -0.61 | 7.49 0.10 -0.50 | 7.37 0.10 -0.43 | 6.72 0.08 -0.42 | 6.40 0.08 -0.39 | 6.83 0.08 -0.38 | 10.94 0.14 -0.19 | 12.94 0.18 -0.18 | 17.45 0.29 -0.07 | 20.08 0.39 -0.18 | 19.61 0.36 -0.19 | 19.69 0.36 -0.17 | 17.48 0.29 -0.20 | 16.28 0.24 -0.19 | 16.07 0.22 -0.15 | 16.24 0.24 -0.19 | 16.24 0.22 -0.24 | 17.10 0.25 -0.29 | 16.39 0.24 -0.33 | 17.69 0.27 -0.34 | 21.35 0.35 -0.29 | 19.98 0.35 -0.10 | 16.22 0.24 -0.09 | 12.72 0.17 -0.28 |
| SOUTH CAIRO___GT 23612 | 29.28 0.50 -22.54 | 26.06 0.56 -18.61 | 23.46 0.55 -16.07 | 22.34 0.50 -15.62 | 20.92 0.47 -14.52 | 20.89 0.52 -14.01 | 18.29 0.81 -6.86 | 20.16 0.83 -6.75 | 21.14 1.32 -2.74 | 27.90 1.58 -6.81 | 27.43 1.49 -6.88 | 27.10 1.51 -6.43 | 25.86 1.31 -7.57 | 24.17 1.25 -7.07 | 22.30 1.23 -5.37 | 24.06 1.30 -6.95 | 25.84 1.31 -8.75 | 28.64 1.27 -10.81 | 29.33 1.25 -12.26 | 30.83 1.37 -12.39 | 33.18 1.64 -10.83 | 24.92 1.54 -3.86 | 23.48 1.24 -6.34 | 23.59 0.87 -10.45 |
| SOUTH HAMPTN___IC 23720 | 28.36 1.02 -21.10 | 25.52 1.13 -17.50 | 23.27 1.09 -15.34 | 22.09 1.00 -14.87 | 21.94 0.97 -15.04 | 21.88 1.03 -14.48 | 23.03 1.99 -10.43 | 24.67 2.14 -9.95 | 27.34 3.38 -6.88 | 31.44 3.86 -8.07 | 32.29 3.54 -9.69 | 32.66 3.62 -9.89 | 30.95 3.08 -10.89 | 30.43 2.88 -11.70 | 27.99 2.81 -9.47 | 27.80 2.80 -9.19 | 28.41 3.11 -9.52 | 30.13 3.43 -10.15 | 30.37 3.13 -11.41 | 31.89 3.38 -11.42 | 35.18 4.18 -10.29 | 30.40 3.57 -7.30 | 27.23 2.94 -8.39 | 25.08 2.29 -10.52 |
| SOUTHOLD___IC 23719 | 28.48 1.14 -21.10 | 25.65 1.26 -17.50 | 23.40 1.22 -15.34 | 22.20 1.11 -14.87 | 22.04 1.07 -15.04 | 21.99 1.14 -14.48 | 23.22 2.18 -10.43 | 24.89 2.36 -9.95 | 27.68 3.72 -6.88 | 31.85 4.27 -8.07 | 32.69 3.95 -9.69 | 33.08 4.04 -9.89 | 31.32 3.45 -10.89 | 30.76 3.22 -11.70 | 28.32 3.14 -9.47 | 28.14 3.13 -9.19 | 28.74 3.44 -9.52 | 30.48 3.78 -10.15 | 30.70 3.47 -11.41 | 32.21 3.71 -11.42 | 35.58 4.58 -10.29 | 30.75 3.92 -7.30 | 27.50 3.21 -8.39 | 25.29 2.50 -10.52 |
| ST LAWRENCE___ 23600 | 5.90 -0.34 0.00 | 6.53 -0.36 0.00 | 6.48 -0.36 0.00 | 5.90 -0.32 0.00 | 5.62 -0.31 0.00 | 6.09 -0.29 0.00 | 10.12 -0.50 0.00 | 12.01 -0.57 0.00 | 16.17 -0.91 0.00 | 18.42 -1.09 0.00 | 18.01 -1.05 0.00 | 18.10 -1.05 0.00 | 16.05 -0.93 0.00 | 15.02 -0.82 0.00 | 14.92 -0.78 0.00 | 15.01 -0.81 0.00 | 14.99 -0.79 0.00 | 15.69 -0.86 0.00 | 15.03 -0.79 0.00 | 16.17 -0.91 0.00 | 19.57 -1.14 0.00 | 18.45 -1.07 0.00 | 15.02 -0.87 0.00 | 11.65 -0.61 0.00 |
| STATION 5_MISC_HYD 23604 | 8.56 -0.09 -2.42 | 8.77 -0.11 -2.00 | 8.46 -0.10 -1.72 | 7.79 -0.11 -1.68 | 7.40 -0.09 -1.56 | 7.74 -0.13 -1.50 | 11.13 -0.22 -0.74 | 12.97 -0.34 -0.72 | 16.79 -0.58 -0.29 | 19.63 -0.60 -0.73 | 19.21 -0.59 -0.74 | 19.21 -0.63 -0.69 | 17.24 -0.56 -0.81 | 16.02 -0.59 -0.76 | 15.72 -0.56 -0.58 | 15.99 -0.57 -0.74 | 16.10 -0.62 -0.94 | 17.14 -0.58 -1.16 | 16.57 -0.57 -1.32 | 17.85 -0.56 -1.33 | 21.25 -0.62 -1.16 | 19.35 -0.59 -0.41 | 15.75 -0.49 -0.35 | 13.12 -0.27 -1.12 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 8.58 -0.04 -2.38 | 8.80 -0.06 -1.97 | 8.48 -0.05 -1.70 | 7.81 -0.06 -1.65 | 7.42 -0.05 -1.53 | 7.77 -0.08 -1.48 | 11.23 -0.12 -0.72 | 13.12 -0.18 -0.71 | 17.06 -0.31 -0.29 | 19.91 -0.31 -0.72 | 19.50 -0.29 -0.73 | 19.51 -0.33 -0.68 | 17.48 -0.31 -0.80 | 16.24 -0.35 -0.75 | 15.94 -0.33 -0.57 | 16.21 -0.33 -0.73 | 16.34 -0.36 -0.93 | 17.37 -0.33 -1.14 | 16.79 -0.33 -1.30 | 18.10 -0.29 -1.31 | 21.57 -0.29 -1.15 | 19.64 -0.29 -0.41 | 15.96 -0.29 -0.35 | 13.22 -0.15 -1.11 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 8.49 -0.12 -2.38 | 8.70 -0.15 -1.97 | 8.39 -0.14 -1.70 | 7.73 -0.14 -1.65 | 7.34 -0.13 -1.54 | 7.69 -0.17 -1.48 | 11.07 -0.28 -0.73 | 12.89 -0.40 -0.71 | 16.72 -0.65 -0.29 | 19.53 -0.70 -0.72 | 19.12 -0.67 -0.73 | 19.12 -0.71 -0.68 | 17.16 -0.63 -0.80 | 15.94 -0.65 -0.75 | 15.64 -0.63 -0.57 | 15.91 -0.63 -0.73 | 16.03 -0.68 -0.93 | 17.05 -0.65 -1.14 | 16.49 -0.63 -1.30 | 17.76 -0.63 -1.31 | 21.15 -0.70 -1.15 | 19.27 -0.66 -0.41 | 15.67 -0.57 -0.35 | 13.04 -0.33 -1.11 |
| STEEL___WIND 323596 | 9.51 -0.04 -3.32 | 9.58 -0.05 -2.74 | 9.16 -0.04 -2.37 | 8.47 -0.05 -2.30 | 8.05 -0.02 -2.14 | 8.36 -0.08 -2.06 | 11.47 -0.16 -1.01 | 13.21 -0.37 -0.99 | 16.73 -0.75 -0.40 | 19.75 -0.76 -1.00 | 19.29 -0.78 -1.01 | 19.31 -0.79 -0.95 | 17.44 -0.66 -1.11 | 16.22 -0.66 -1.04 | 15.76 -0.74 -0.79 | 16.08 -0.76 -1.02 | 16.33 -0.74 -1.29 | 17.42 -0.73 -1.59 | 16.89 -0.74 -1.81 | 18.14 -0.77 -1.83 | 21.40 -0.91 -1.60 | 19.27 -0.82 -0.57 | 15.79 -0.59 -0.48 | 13.59 -0.21 -1.54 |
| STEBEN_REC_LFGE 323667 | 10.71 0.17 -4.30 | 10.60 0.16 -3.55 | 10.06 0.16 -3.07 | 9.32 0.12 -2.98 | 8.85 0.15 -2.77 | 9.15 0.10 -2.67 | 12.12 0.19 -1.31 | 14.07 0.20 -1.29 | 17.77 0.17 -0.52 | 21.08 0.27 -1.30 | 20.62 0.25 -1.31 | 20.61 0.23 -1.23 | 18.62 0.19 -1.44 | 17.31 0.11 -1.35 | 16.79 0.06 -1.02 | 17.20 0.06 -1.32 | 17.50 0.05 -1.67 | 18.74 0.12 -2.07 | 18.24 0.08 -2.34 | 19.55 0.10 -2.37 | 22.94 0.16 -2.07 | 20.41 0.16 -0.74 | 16.60 0.08 -0.63 | 14.44 0.18 -1.99 |
| STONY___BROOK 24151 | 28.30 0.92 -21.14 | 25.45 1.03 -17.54 | 23.23 1.01 -15.39 | 22.05 0.92 -14.91 | 21.89 0.88 -15.08 | 21.83 0.94 -14.52 | 22.77 1.69 -10.46 | 24.45 1.89 -9.99 | 26.90 2.90 -6.91 | 30.93 3.32 -8.11 | 31.85 3.09 -9.71 | 32.22 3.16 -9.90 | 30.63 2.74 -10.91 | 30.11 2.55 -11.71 | 27.71 2.51 -9.49 | 27.53 2.51 -9.21 | 28.00 2.68 -9.54 | 29.63 2.91 -10.16 | 29.94 2.69 -11.43 | 31.42 2.90 -11.44 | 34.59 3.58 -10.30 | 30.00 3.16 -7.31 | 26.93 2.62 -8.41 | 24.81 2.01 -10.54 |
| STURGEON_POOL_HYD 23609 | 28.31 0.56 -21.51 | 25.27 0.63 -17.76 | 22.79 0.62 -15.33 | 21.70 0.57 -14.91 | 20.32 0.53 -13.86 | 20.31 0.57 -13.37 | 18.16 0.99 -6.55 | 20.15 1.13 -6.44 | 21.37 1.67 -2.61 | 27.94 1.93 -6.50 | 27.51 1.89 -6.56 | 27.20 1.92 -6.13 | 25.88 1.68 -7.22 | 24.17 1.58 -6.74 | 22.38 1.56 -5.12 | 24.03 1.60 -6.62 | 25.70 1.59 -8.33 | 28.49 1.64 -10.29 | 29.05 1.55 -11.67 | 30.57 1.69 -11.79 | 33.08 2.05 -10.32 | 25.13 1.93 -3.67 | 24.52 1.57 -7.05 | 23.36 1.14 -9.95 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 25.59 0.59 -18.78 | 23.04 0.65 -15.50 | 20.87 0.65 -13.38 | 19.82 0.59 -13.01 | 18.59 0.56 -12.10 | 18.63 0.59 -11.67 | 17.35 1.02 -5.72 | 19.38 1.18 -5.62 | 21.09 1.72 -2.28 | 27.19 2.01 -5.67 | 26.75 1.96 -5.72 | 26.50 1.99 -5.35 | 25.03 1.75 -6.30 | 23.36 1.63 -5.88 | 21.77 1.60 -4.47 | 23.22 1.63 -5.78 | 24.72 1.64 -7.30 | 27.28 1.71 -9.02 | 27.66 1.61 -10.23 | 29.17 1.76 -10.33 | 31.90 2.15 -9.04 | 24.75 2.01 -3.22 | 23.38 1.64 -5.85 | 22.14 1.21 -8.66 |

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|-----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SYNERGY___BIOGAS 323694 | 8.99 -0.07 -2.83 | 9.14 -0.08 -2.33 | 8.77 -0.08 -2.01 | 8.09 -0.09 -1.96 | 7.69 -0.06 -1.82 | 8.02 -0.11 -1.76 | 11.27 -0.21 -0.86 | 13.01 -0.41 -0.85 | 16.62 -0.80 -0.34 | 19.52 -0.84 -0.85 | 19.10 -0.82 -0.86 | 19.12 -0.84 -0.81 | 17.19 -0.75 -0.95 | 15.97 -0.76 -0.89 | 15.59 -0.78 -0.67 | 15.88 -0.81 -0.87 | 16.04 -0.84 -1.10 | 17.05 -0.86 -1.36 | 16.52 -0.84 -1.54 | 17.78 -0.85 -1.55 | 21.10 -0.97 -1.36 | 19.11 -0.90 -0.48 | 15.61 -0.70 -0.41 | 13.27 -0.31 -1.31 |
| SYRACUSE___ENERGY_ST1 323597 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| SYRACUSE___ENERGY_ST2 323598 | 8.16 0.01 -1.92 | 8.47 0.00 -1.58 | 8.20 0.00 -1.37 | 7.53 -0.01 -1.33 | 7.17 0.00 -1.23 | 7.54 -0.03 -1.19 | 11.18 -0.02 -0.58 | 13.14 -0.01 -0.57 | 17.31 0.00 -0.23 | 20.13 0.04 -0.58 | 19.68 0.04 -0.58 | 19.72 0.02 -0.55 | 17.63 0.00 -0.64 | 16.43 -0.02 -0.60 | 16.13 -0.03 -0.46 | 16.37 -0.03 -0.59 | 16.49 -0.03 -0.74 | 17.46 -0.02 -0.92 | 16.85 -0.02 -1.04 | 18.14 0.00 -1.05 | 21.67 0.04 -0.92 | 19.89 0.04 -0.33 | 16.17 0.00 -0.28 | 13.15 0.00 -0.89 |
| SYRACUSE___POWER 24017 | 8.16 0.02 -1.91 | 8.47 0.01 -1.58 | 8.21 0.01 -1.36 | 7.54 0.00 -1.32 | 7.17 0.01 -1.23 | 7.55 -0.01 -1.19 | 11.19 -0.01 -0.58 | 13.17 0.01 -0.57 | 17.35 0.03 -0.23 | 20.16 0.08 -0.58 | 19.72 0.08 -0.58 | 19.77 0.08 -0.55 | 17.68 0.05 -0.64 | 16.46 0.02 -0.60 | 16.16 0.00 -0.45 | 16.42 0.02 -0.59 | 16.52 0.00 -0.74 | 17.49 0.02 -0.92 | 16.88 0.02 -1.04 | 18.18 0.05 -1.05 | 21.71 0.08 -0.92 | 19.93 0.08 -0.33 | 16.21 0.03 -0.28 | 13.18 0.02 -0.89 |
| TRIGEN___CC 323695 | 33.83 0.79 -26.81 | 30.54 0.89 -22.77 | 29.23 0.88 -21.51 | 28.37 0.81 -21.34 | 27.95 0.76 -21.25 | 27.21 0.81 -20.03 | 27.91 1.35 -15.95 | 29.26 1.60 -15.08 | 31.17 2.34 -11.75 | 35.50 2.69 -13.30 | 33.72 2.59 -12.07 | 33.86 2.60 -12.11 | 32.76 2.31 -13.46 | 31.86 2.15 -13.86 | 29.20 2.11 -11.38 | 29.34 2.13 -11.39 | 29.92 2.18 -11.96 | 31.11 2.29 -12.27 | 31.42 2.15 -13.44 | 32.54 2.34 -13.12 | 35.19 2.88 -11.61 | 31.00 2.65 -8.83 | 29.08 2.23 -10.96 | 27.20 1.66 -13.28 |
| UNION___PROCESSING_DRP 323587 | 8.56 -0.10 -2.43 | 8.77 -0.12 -2.00 | 8.45 -0.12 -1.73 | 7.78 -0.12 -1.68 | 7.39 -0.10 -1.56 | 7.74 -0.14 -1.51 | 11.12 -0.23 -0.74 | 12.94 -0.37 -0.73 | 16.76 -0.61 -0.29 | 19.60 -0.64 -0.73 | 19.17 -0.63 -0.74 | 19.17 -0.67 -0.69 | 17.21 -0.60 -0.81 | 16.00 -0.60 -0.76 | 15.69 -0.60 -0.58 | 15.96 -0.60 -0.75 | 16.08 -0.65 -0.94 | 17.11 -0.61 -1.17 | 16.54 -0.60 -1.32 | 17.82 -0.60 -1.34 | 21.21 -0.66 -1.17 | 19.31 -0.63 -0.42 | 15.73 -0.52 -0.35 | 13.10 -0.29 -1.13 |
| UPPER HUDSON___HYD 24058 | 34.13 0.40 -27.49 | 30.02 0.44 -22.69 | 26.86 0.42 -19.60 | 25.65 0.37 -19.05 | 24.01 0.36 -17.71 | 23.84 0.39 -17.08 | 19.76 0.77 -8.37 | 21.76 0.96 -8.23 | 21.86 1.43 -3.34 | 29.48 1.68 -8.29 | 29.07 1.64 -8.37 | 28.36 1.38 -7.83 | 27.40 1.21 -9.21 | 25.53 1.08 -8.60 | 23.27 1.04 -6.53 | 25.30 1.03 -8.46 | 27.46 1.01 -10.67 | 30.86 1.13 -13.18 | 32.08 1.31 -14.95 | 33.58 1.40 -15.10 | 35.60 1.68 -13.21 | 25.79 1.56 -4.70 | 21.14 1.24 -4.00 | 25.89 0.86 -12.77 |
| UPPER RAQUET___HYD 24056 | 5.75 -0.49 0.00 | 6.37 -0.52 0.00 | 6.33 -0.51 0.00 | 5.76 -0.46 0.00 | 5.46 -0.47 0.00 | 5.93 -0.44 0.00 | 9.85 -0.76 0.00 | 11.69 -0.89 0.00 | 15.54 -1.54 0.00 | 17.58 -1.93 0.00 | 17.12 -1.94 0.00 | 17.20 -1.95 0.00 | 15.24 -1.75 0.00 | 14.36 -1.49 0.00 | 14.29 -1.41 0.00 | 14.37 -1.44 0.00 | 14.36 -1.42 0.00 | 14.97 -1.59 0.00 | 14.38 -1.44 0.00 | 15.37 -1.71 0.00 | 18.62 -2.09 0.00 | 17.59 -1.93 0.00 | 14.42 -1.48 0.00 | 11.30 -0.97 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 15.30 0.41 -8.66 | 14.49 0.45 -7.15 | 13.46 0.45 -6.17 | 12.63 0.41 -6.00 | 11.88 0.37 -5.58 | 12.15 0.40 -5.38 | 13.95 0.69 -2.64 | 15.98 0.81 -2.59 | 19.35 1.21 -1.05 | 23.57 1.44 -2.62 | 23.05 1.35 -2.64 | 23.00 1.38 -2.47 | 21.06 1.17 -2.91 | 19.64 1.08 -2.71 | 18.80 1.04 -2.06 | 19.56 1.08 -2.67 | 20.20 1.06 -3.37 | 21.84 1.13 -4.16 | 21.61 1.08 -4.72 | 23.02 1.18 -4.77 | 26.33 1.45 -4.17 | 22.39 1.39 -1.48 | 18.43 1.08 -1.45 | 17.08 0.80 -4.02 |
| VISCHER___FERRY HYD 24020 | 33.94 0.36 -27.35 | 29.85 0.39 -22.57 | 26.71 0.38 -19.49 | 25.51 0.34 -18.95 | 23.88 0.33 -17.62 | 23.71 0.34 -16.99 | 19.50 0.55 -8.32 | 21.41 0.64 -8.18 | 21.39 0.99 -3.32 | 28.92 1.15 -8.26 | 28.53 1.12 -8.34 | 28.04 1.09 -7.80 | 27.13 0.97 -9.18 | 25.30 0.89 -8.57 | 23.09 0.88 -6.51 | 25.11 0.87 -8.43 | 27.28 0.87 -10.63 | 30.63 0.94 -13.13 | 31.65 0.93 -14.89 | 33.12 0.99 -15.05 | 35.07 1.20 -13.16 | 25.34 1.13 -4.69 | 20.80 0.92 -3.98 | 25.60 0.64 -12.70 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 26.31 0.67 -19.40 | 23.65 0.74 -16.02 | 21.40 0.74 -13.83 | 20.34 0.67 -13.45 | 19.07 0.63 -12.50 | 19.10 0.68 -12.06 | 17.69 1.17 -5.91 | 19.76 1.37 -5.81 | 21.42 1.98 -2.36 | 27.67 2.30 -5.86 | 27.22 2.25 -5.91 | 26.96 2.28 -5.53 | 25.51 2.02 -6.51 | 23.79 1.87 -6.08 | 22.16 1.84 -4.61 | 23.65 1.87 -5.97 | 25.20 1.88 -7.54 | 27.84 1.97 -9.32 | 28.24 1.85 -10.57 | 29.77 2.01 -10.68 | 32.51 2.46 -9.34 | 25.15 2.30 -3.32 | 23.96 1.89 -6.17 | 22.69 1.40 -9.03 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 30.06 0.72 -23.11 | 26.75 0.80 -19.06 | 24.23 0.79 -16.60 | 20.88 0.73 -13.94 | 19.56 0.68 -12.95 | 19.59 0.72 -12.49 | 18.00 1.25 -6.13 | 20.72 1.50 -6.64 | 26.91 2.13 -7.70 | 31.16 2.48 -9.17 | 31.75 2.42 -10.27 | 31.42 2.45 -9.81 | 30.75 2.17 -11.59 | 30.29 2.03 -12.42 | 29.18 1.98 -11.50 | 29.53 2.01 -11.71 | 30.67 2.00 -12.89 | 31.70 2.12 -13.03 | 31.86 1.99 -14.05 | 32.47 2.15 -13.23 | 35.22 2.63 -11.88 | 28.84 2.48 -6.84 | 27.54 2.04 -9.61 | 25.59 1.51 -11.82 |
| WADING RIVER_IC_1 23522 | 28.14 0.81 -21.10 | 25.28 0.90 -17.50 | 23.06 0.88 -15.34 | 21.89 0.81 -14.86 | 21.75 0.79 -15.03 | 21.70 0.85 -14.47 | 22.77 1.73 -10.42 | 24.29 1.76 -9.94 | 26.82 2.87 -6.87 | 30.83 3.26 -8.07 | 31.64 2.90 -9.69 | 32.01 2.97 -9.89 | 30.37 2.50 -10.88 | 29.92 2.38 -11.70 | 27.50 2.32 -9.47 | 27.28 2.28 -9.19 | 27.93 2.64 -9.52 | 29.63 2.93 -10.14 | 29.89 2.66 -11.41 | 31.37 2.87 -11.42 | 34.56 3.56 -10.29 | 29.79 2.97 -7.30 | 26.76 2.48 -8.39 | 24.77 1.99 -10.52 |
| WADING RIVER_IC_2 23547 | 28.14 0.81 -21.10 | 25.28 0.90 -17.50 | 23.06 0.88 -15.34 | 21.89 0.81 -14.86 | 21.75 0.79 -15.03 | 21.70 0.85 -14.47 | 22.77 1.73 -10.42 | 24.29 1.76 -9.94 | 26.82 2.87 -6.87 | 30.83 3.26 -8.07 | 31.64 2.90 -9.69 | 32.01 2.97 -9.89 | 30.37 2.50 -10.88 | 29.92 2.38 -11.70 | 27.50 2.32 -9.47 | 27.28 2.28 -9.19 | 27.93 2.64 -9.52 | 29.63 2.93 -10.14 | 29.89 2.66 -11.41 | 31.37 2.87 -11.42 | 34.56 3.56 -10.29 | 29.79 2.97 -7.30 | 26.76 2.48 -8.39 | 24.77 1.99 -10.52 |
| WADING RIVER_IC_3 23601 | 28.14 0.81 -21.10 | 25.28 0.90 -17.50 | 23.06 0.88 -15.34 | 21.89 0.81 -14.86 | 21.75 0.79 -15.03 | 21.70 0.85 -14.47 | 22.77 1.73 -10.42 | 24.29 1.76 -9.94 | 26.82 2.87 -6.87 | 30.83 3.26 -8.07 | 31.64 2.90 -9.69 | 32.01 2.97 -9.89 | 30.37 2.50 -10.88 | 29.92 2.38 -11.70 | 27.50 2.32 -9.47 | 27.28 2.28 -9.19 | 27.93 2.64 -9.52 | 29.63 2.93 -10.14 | 29.89 2.66 -11.41 | 31.37 2.87 -11.42 | 34.56 3.56 -10.29 | 29.79 2.97 -7.30 | 26.76 2.48 -8.39 | 24.77 1.99 -10.52 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WALDEN___HYDRO 24148 | 26.86 0.64 -19.99 | 24.10 0.71 -16.50 | 21.78 0.70 -14.25 | 20.71 0.63 -13.85 | 19.40 0.59 -12.88 | 19.43 0.64 -12.42 | 17.81 1.10 -6.08 | 19.83 1.27 -5.98 | 21.36 1.85 -2.43 | 27.69 2.17 -6.01 | 27.23 2.10 -6.07 | 26.96 2.13 -5.68 | 25.55 1.89 -6.68 | 23.84 1.76 -6.24 | 22.17 1.73 -4.74 | 23.72 1.77 -6.13 | 25.16 1.75 -7.63 | 27.77 1.79 -9.42 | 28.22 1.71 -10.69 | 29.74 1.86 -10.80 | 32.41 2.26 -9.44 | 25.01 2.13 -3.36 | 23.74 1.73 -6.11 | 22.63 1.28 -9.09 |
| WARRENSBURG___ 23737 | 34.13 0.40 -27.49 | 30.02 0.44 -22.69 | 26.86 0.42 -19.60 | 25.65 0.37 -19.05 | 24.01 0.36 -17.71 | 23.84 0.39 -17.08 | 19.76 0.77 -8.37 | 21.76 0.96 -8.23 | 21.86 1.43 -3.34 | 29.48 1.68 -8.29 | 29.07 1.64 -8.37 | 28.36 1.38 -7.83 | 27.40 1.21 -9.21 | 25.53 1.08 -8.60 | 23.27 1.04 -6.53 | 25.30 1.03 -8.46 | 27.46 1.01 -10.67 | 30.86 1.13 -13.18 | 32.08 1.31 -14.95 | 33.58 1.40 -15.10 | 35.60 1.68 -13.21 | 25.79 1.56 -4.70 | 21.14 1.24 -4.00 | 25.89 0.86 -12.77 |
| WATERSIDE___6 8 9 23538 | 30.09 0.74 -23.12 | 29.10 0.82 -21.40 | 26.40 0.81 -18.75 | 20.92 0.75 -13.95 | 19.60 0.71 -12.96 | 19.63 0.75 -12.50 | 18.05 1.30 -6.14 | 21.33 1.52 -7.23 | 31.92 2.19 -12.65 | 32.88 2.53 -10.83 | 33.62 2.48 -12.08 | 32.77 2.53 -11.09 | 32.78 2.22 -13.57 | 33.61 2.08 -15.69 | 32.94 2.03 -15.21 | 32.50 2.05 -14.63 | 32.93 2.05 -15.09 | 32.31 2.17 -13.59 | 32.21 2.04 -14.34 | 32.27 2.22 -12.97 | 35.30 2.71 -11.88 | 28.92 2.54 -6.86 | 27.60 2.08 -9.62 | 28.02 1.53 -14.22 |
| WDELAWARE___HYD 323627 | 27.34 0.10 -21.01 | 24.35 0.12 -17.34 | 21.92 0.11 -14.98 | 20.88 0.09 -14.56 | 19.55 0.08 -13.54 | 19.52 0.10 -13.06 | 17.22 0.20 -6.40 | 19.02 0.15 -6.29 | 20.04 0.41 -2.55 | 26.39 0.55 -6.34 | 25.94 0.48 -6.40 | 25.65 0.52 -5.98 | 24.47 0.44 -7.04 | 22.85 0.43 -6.58 | 21.11 0.41 -4.99 | 22.77 0.49 -6.46 | 24.37 0.49 -8.10 | 26.96 0.40 -10.01 | 27.56 0.40 -11.35 | 28.99 0.44 -11.47 | 31.28 0.54 -10.03 | 23.60 0.51 -3.57 | 23.04 0.40 -6.74 | 22.14 0.21 -9.67 |
| WEST BABYLON___IC 23714 | 29.58 0.93 -22.42 | 26.63 1.03 -18.72 | 24.58 1.01 -16.73 | 23.46 0.92 -16.32 | 23.27 0.88 -16.46 | 23.06 0.93 -15.76 | 23.97 1.60 -11.75 | 25.62 1.86 -11.18 | 27.93 2.79 -8.06 | 31.98 3.20 -9.27 | 32.40 3.05 -10.29 | 32.72 3.10 -10.46 | 31.23 2.70 -11.54 | 30.65 2.52 -12.28 | 28.18 2.48 -9.99 | 28.06 2.50 -9.75 | 28.48 2.60 -10.10 | 29.98 2.78 -10.64 | 30.30 2.59 -11.89 | 31.72 2.82 -11.82 | 34.78 3.48 -10.59 | 30.38 3.14 -7.71 | 27.50 2.59 -9.01 | 25.37 1.95 -11.16 |
| WEST CANADA___HYD 24049 | 5.81 0.06 0.48 | 6.55 0.06 0.40 | 6.55 0.06 0.34 | 5.94 0.06 0.33 | 5.67 0.05 0.31 | 6.13 0.06 0.30 | 10.57 0.10 0.15 | 12.55 0.11 0.14 | 17.19 0.17 0.06 | 19.56 0.20 0.15 | 19.10 0.19 0.15 | 19.21 0.19 0.14 | 17.00 0.17 0.16 | 15.84 0.14 0.15 | 15.73 0.14 0.11 | 15.81 0.14 0.15 | 15.73 0.14 0.19 | 16.47 0.15 0.23 | 15.70 0.14 0.26 | 16.97 0.15 0.27 | 20.66 0.19 0.23 | 19.63 0.20 0.08 | 15.98 0.16 0.07 | 12.15 0.11 0.22 |
| WESTERN_NY_WIND 24143 | 9.01 -0.07 -2.84 | 9.15 -0.08 -2.35 | 8.79 -0.08 -2.03 | 8.10 -0.09 -1.97 | 7.70 -0.06 -1.83 | 8.03 -0.11 -1.77 | 11.27 -0.21 -0.87 | 13.02 -0.41 -0.85 | 16.62 -0.80 -0.35 | 19.53 -0.84 -0.86 | 19.11 -0.82 -0.87 | 19.10 -0.86 -0.81 | 17.18 -0.76 -0.95 | 15.96 -0.78 -0.89 | 15.58 -0.80 -0.68 | 15.88 -0.81 -0.88 | 16.05 -0.84 -1.10 | 17.06 -0.86 -1.36 | 16.51 -0.85 -1.55 | 17.77 -0.87 -1.56 | 21.08 -0.99 -1.37 | 19.09 -0.92 -0.49 | 15.61 -0.70 -0.41 | 13.28 -0.31 -1.32 |
| WESTOVER___LESR 323668 | 13.01 0.17 -6.61 | 12.53 0.19 -5.46 | 11.73 0.18 -4.71 | 10.96 0.16 -4.58 | 10.35 0.16 -4.26 | 10.63 0.15 -4.11 | 12.89 0.25 -2.01 | 14.85 0.29 -1.98 | 18.26 0.38 -0.80 | 21.97 0.47 -2.00 | 21.51 0.44 -2.02 | 21.48 0.44 -1.88 | 19.60 0.39 -2.22 | 18.25 0.33 -2.07 | 17.59 0.31 -1.57 | 18.16 0.32 -2.04 | 18.66 0.32 -2.57 | 20.09 0.36 -3.17 | 19.75 0.33 -3.60 | 21.09 0.38 -3.64 | 24.37 0.48 -3.18 | 21.10 0.45 -1.13 | 17.35 0.35 -1.10 | 15.64 0.31 -3.07 |
| WETHRSFD_WT_PWR 323626 | 9.93 0.00 -3.70 | 9.92 -0.01 -3.05 | 9.46 -0.01 -2.63 | 8.76 -0.02 -2.56 | 8.32 0.01 -2.38 | 8.62 -0.04 -2.30 | 11.65 -0.10 -1.13 | 13.44 -0.25 -1.11 | 16.98 -0.55 -0.45 | 20.08 -0.55 -1.12 | 19.63 -0.55 -1.13 | 19.65 -0.56 -1.05 | 17.75 -0.48 -1.24 | 16.51 -0.49 -1.16 | 16.02 -0.56 -0.88 | 16.38 -0.57 -1.14 | 16.65 -0.57 -1.44 | 17.78 -0.55 -1.78 | 17.30 -0.54 -2.01 | 18.55 -0.56 -2.03 | 21.83 -0.66 -1.78 | 19.55 -0.61 -0.63 | 15.99 -0.44 -0.54 | 13.84 -0.13 -1.71 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 26.30 0.64 -19.42 | 23.63 0.71 -16.03 | 21.38 0.70 -13.84 | 20.33 0.65 -13.46 | 19.05 0.61 -12.51 | 19.08 0.64 -12.07 | 17.65 1.11 -5.91 | 19.71 1.32 -5.81 | 21.34 1.90 -2.36 | 27.58 2.20 -5.86 | 27.13 2.15 -5.92 | 26.87 2.18 -5.54 | 25.44 1.94 -6.51 | 23.74 1.81 -6.08 | 22.08 1.76 -4.62 | 23.58 1.79 -5.98 | 25.13 1.80 -7.55 | 27.77 1.89 -9.33 | 28.17 1.77 -10.58 | 29.70 1.93 -10.69 | 32.42 2.36 -9.35 | 25.07 2.22 -3.33 | 23.89 1.81 -6.18 | 22.65 1.35 -9.04 |
| YORK___WARBASSE 23770 | 46.81 0.77 -39.81 | 29.12 0.84 -21.40 | 26.41 0.83 -18.75 | 20.96 0.79 -13.95 | 19.63 0.74 -12.96 | 19.65 0.78 -12.50 | 18.08 1.33 -6.14 | 21.34 1.53 -7.23 | 31.97 2.24 -12.65 | 40.42 2.61 -18.29 | 46.00 2.55 -24.39 | 48.01 2.60 -26.26 | 48.13 2.29 -28.85 | 48.34 2.14 -30.36 | 48.42 2.09 -30.63 | 46.00 2.12 -28.07 | 48.16 2.13 -30.25 | 47.86 2.23 -29.07 | 47.78 2.10 -29.86 | 46.00 2.30 -26.61 | 47.74 2.82 -24.22 | 47.80 2.63 -25.64 | 46.01 2.15 -27.97 | 28.07 1.58 -14.22 |