

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/10/2020

| 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 | 13.03 | 11.74 | 11.37 | 10.77 | 11.09 | 13.23 | 15.22 | 16.68 | 18.57 | 17.88 | 16.68 | 16.61 | 15.89 | 15.62 | 14.53 | 14.62 | 15.50 | 16.61 | 18.84 | 20.46 | 20.55 | 16.68 | 15.53 | 14.50 |
| 24138 | 0.43 | 0.40 | 0.39 | 0.41 | 0.44 | 0.47 | 0.52 | 0.80 | 0.93 | 0.97 | 1.02 | 1.02 | 1.07 | 1.06 | 0.86 | 0.84 | 0.87 | 0.94 | 1.00 | 1.19 | 1.30 | 1.28 | 1.02 | 0.71 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.83 | -6.31 | -6.27 | -5.30 | -5.09 | -6.00 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| 74TH STREET_GT_1 | 13.03 | 11.75 | 11.37 | 10.77 | 11.09 | 13.23 | 15.21 | 16.67 | 18.55 | 17.87 | 16.66 | 16.59 | 15.88 | 15.61 | 14.51 | 14.61 | 15.49 | 16.60 | 18.82 | 20.44 | 20.54 | 16.67 | 15.52 | 14.50 |
| 24260 | 0.43 | 0.40 | 0.39 | 0.41 | 0.44 | 0.47 | 0.51 | 0.78 | 0.91 | 0.95 | 1.00 | 1.00 | 1.06 | 1.04 | 0.84 | 0.83 | 0.86 | 0.93 | 0.98 | 1.17 | 1.29 | 1.27 | 1.02 | 0.71 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.01 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| 74TH STREET_GT_2 | 13.03 | 11.75 | 11.37 | 10.77 | 11.09 | 13.23 | 15.21 | 16.67 | 18.55 | 17.87 | 16.66 | 16.59 | 15.88 | 15.61 | 14.51 | 14.61 | 15.49 | 16.60 | 18.82 | 20.44 | 20.54 | 16.67 | 15.52 | 14.50 |
| 24261 | 0.43 | 0.40 | 0.39 | 0.41 | 0.44 | 0.47 | 0.51 | 0.78 | 0.91 | 0.95 | 1.00 | 1.00 | 1.06 | 1.04 | 0.84 | 0.83 | 0.86 | 0.93 | 0.98 | 1.17 | 1.29 | 1.27 | 1.02 | 0.71 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.01 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| ADK HUDSON___FALLS | 16.44 | 14.69 | 14.18 | 13.24 | 13.51 | 16.50 | 19.18 | 19.90 | 22.11 | 20.99 | 19.14 | 19.05 | 17.93 | 17.58 | 16.90 | 17.15 | 18.30 | 19.48 | 22.37 | 23.81 | 23.37 | 17.89 | 17.40 | 17.41 |
| 24011 | 0.33 | 0.30 | 0.30 | 0.30 | 0.34 | 0.33 | 0.40 | 0.67 | 0.77 | 0.76 | 0.81 | 0.80 | 0.87 | 0.86 | 0.70 | 0.67 | 0.66 | 0.84 | 0.78 | 0.91 | 1.03 | 0.98 | 0.77 | 0.48 |
| | -11.76 | -10.24 | -9.73 | -8.65 | -8.49 | -11.46 | -13.72 | -11.24 | -12.44 | -11.15 | -8.98 | -8.92 | -7.54 | -7.25 | -8.54 | -9.08 | -10.15 | -10.00 | -12.64 | -12.19 | -10.42 | -5.05 | -7.15 | -10.56 |
| ADK RESOURCE___RCVRY | 16.46 | 14.71 | 14.20 | 13.25 | 13.54 | 16.52 | 19.20 | 19.93 | 22.14 | 21.02 | 19.17 | 19.07 | 17.96 | 17.61 | 16.93 | 17.18 | 18.33 | 19.51 | 22.40 | 23.86 | 23.44 | 17.94 | 17.44 | 17.43 |
| 23798 | 0.35 | 0.31 | 0.31 | 0.31 | 0.36 | 0.34 | 0.41 | 0.69 | 0.79 | 0.78 | 0.83 | 0.82 | 0.89 | 0.89 | 0.71 | 0.69 | 0.67 | 0.86 | 0.80 | 0.95 | 1.09 | 1.03 | 0.80 | 0.50 |
| | -11.77 | -10.24 | -9.74 | -8.65 | -8.50 | -11.47 | -13.74 | -11.25 | -12.46 | -11.16 | -8.99 | -8.94 | -7.55 | -7.26 | -8.55 | -9.09 | -10.17 | -10.01 | -12.66 | -12.20 | -10.43 | -5.05 | -7.16 | -10.57 |
| ADK S GLENS___FALLS | 16.44 | 14.69 | 14.18 | 13.24 | 13.51 | 16.50 | 19.18 | 19.90 | 22.11 | 20.99 | 19.14 | 19.05 | 17.93 | 17.58 | 16.90 | 17.15 | 18.30 | 19.48 | 22.37 | 23.81 | 23.37 | 17.89 | 17.40 | 17.41 |
| 24028 | 0.33 | 0.30 | 0.30 | 0.30 | 0.34 | 0.33 | 0.40 | 0.67 | 0.77 | 0.76 | 0.81 | 0.80 | 0.87 | 0.86 | 0.70 | 0.67 | 0.66 | 0.84 | 0.78 | 0.91 | 1.03 | 0.98 | 0.77 | 0.48 |
| | -11.76 | -10.24 | -9.73 | -8.65 | -8.49 | -11.46 | -13.72 | -11.24 | -12.44 | -11.15 | -8.98 | -8.92 | -7.54 | -7.25 | -8.54 | -9.08 | -10.15 | -10.00 | -12.64 | -12.19 | -10.42 | -5.05 | -7.15 | -10.56 |
| ADK_NYS___DAM | 15.88 | 14.23 | 13.75 | 12.87 | 13.15 | 16.01 | 18.56 | 19.38 | 21.51 | 20.46 | 18.67 | 18.59 | 17.50 | 17.17 | 16.46 | 16.69 | 17.82 | 18.93 | 21.77 | 23.25 | 22.88 | 17.66 | 17.08 | 16.94 |
| 23527 | 0.33 | 0.32 | 0.32 | 0.34 | 0.38 | 0.38 | 0.42 | 0.67 | 0.75 | 0.75 | 0.76 | 0.75 | 0.79 | 0.79 | 0.65 | 0.63 | 0.64 | 0.75 | 0.76 | 0.92 | 1.03 | 1.00 | 0.79 | 0.50 |
| | -11.21 | -9.76 | -9.28 | -8.24 | -8.10 | -10.92 | -13.09 | -10.72 | -11.87 | -10.63 | -8.56 | -8.51 | -7.19 | -6.91 | -8.15 | -8.66 | -9.68 | -9.54 | -12.06 | -11.62 | -9.93 | -4.81 | -6.82 | -10.06 |
| AIR_PRODUCTS___DRP | 15.66 | 14.02 | 13.54 | 12.67 | 12.95 | 15.78 | 18.24 | 18.96 | 20.99 | 19.94 | 18.18 | 18.10 | 17.02 | 16.69 | 16.05 | 16.28 | 17.38 | 18.44 | 21.24 | 22.63 | 22.24 | 17.09 | 16.67 | 16.62 |
| 24190 | 0.23 | 0.22 | 0.22 | 0.23 | 0.26 | 0.26 | 0.24 | 0.37 | 0.36 | 0.34 | 0.36 | 0.36 | 0.38 | 0.38 | 0.32 | 0.32 | 0.31 | 0.36 | 0.36 | 0.43 | 0.49 | 0.47 | 0.45 | 0.29 |
| | -11.09 | -9.65 | -9.18 | -8.15 | -8.01 | -10.80 | -12.95 | -10.60 | -11.74 | -10.52 | -8.47 | -8.42 | -7.11 | -6.84 | -8.06 | -8.56 | -9.58 | -9.44 | -11.93 | -11.49 | -9.82 | -4.76 | -6.74 | -9.96 |
| ALBANY___1 | 15.66 | 14.02 | 13.54 | 12.67 | 12.95 | 15.78 | 18.24 | 18.96 | 20.99 | 19.94 | 18.18 | 18.10 | 17.02 | 16.69 | 16.05 | 16.28 | 17.38 | 18.44 | 21.24 | 22.63 | 22.24 | 17.09 | 16.67 | 16.62 |
| 23571 | 0.23 | 0.22 | 0.22 | 0.23 | 0.26 | 0.26 | 0.24 | 0.37 | 0.36 | 0.34 | 0.36 | 0.36 | 0.38 | 0.38 | 0.32 | 0.32 | 0.31 | 0.36 | 0.36 | 0.43 | 0.49 | 0.47 | 0.45 | 0.29 |
| | -11.09 | -9.65 | -9.18 | -8.15 | -8.01 | -10.80 | -12.95 | -10.60 | -11.74 | -10.52 | -8.47 | -8.42 | -7.11 | -6.84 | -8.06 | -8.56 | -9.58 | -9.44 | -11.93 | -11.49 | -9.82 | -4.76 | -6.74 | -9.96 |
| ALBANY___2 | 15.66 | 14.02 | 13.54 | 12.67 | 12.95 | 15.78 | 18.24 | 18.96 | 20.99 | 19.94 | 18.18 | 18.10 | 17.02 | 16.69 | 16.05 | 16.28 | 17.38 | 18.44 | 21.24 | 22.63 | 22.24 | 17.09 | 16.67 | 16.62 |
| 23572 | 0.23 | 0.22 | 0.22 | 0.23 | 0.26 | 0.26 | 0.24 | 0.37 | 0.36 | 0.34 | 0.36 | 0.36 | 0.38 | 0.38 | 0.32 | 0.32 | 0.31 | 0.36 | 0.36 | 0.43 | 0.49 | 0.47 | 0.45 | 0.29 |
| | -11.09 | -9.65 | -9.18 | -8.15 | -8.01 | -10.80 | -12.95 | -10.60 | -11.74 | -10.52 | -8.47 | -8.42 | -7.11 | -6.84 | -8.06 | -8.56 | -9.58 | -9.44 | -11.93 | -11.49 | -9.82 | -4.76 | -6.74 | -9.96 |
| ALBANY___3 | 15.66 | 14.02 | 13.54 | 12.67 | 12.95 | 15.78 | 18.24 | 18.96 | 20.99 | 19.94 | 18.18 | 18.10 | 17.02 | 16.69 | 16.05 | 16.28 | 17.38 | 18.44 | 21.24 | 22.63 | 22.24 | 17.09 | 16.67 | 16.62 |
| 23573 | 0.23 | 0.22 | 0.22 | 0.23 | 0.26 | 0.26 | 0.24 | 0.37 | 0.36 | 0.34 | 0.36 | 0.36 | 0.38 | 0.38 | 0.32 | 0.32 | 0.31 | 0.36 | 0.36 | 0.43 | 0.49 | 0.47 | 0.45 | 0.29 |
| | -11.09 | -9.65 | -9.18 | -8.15 | -8.01 | -10.80 | -12.95 | -10.60 | -11.74 | -10.52 | -8.47 | -8.42 | -7.11 | -6.84 | -8.06 | -8.56 | -9.58 | -9.44 | -11.93 | -11.49 | -9.82 | -4.76 | -6.74 | -9.96 |
| ALBANY___4 | 15.66 | 14.02 | 13.54 | 12.67 | 12.95 | 15.78 | 18.24 | 18.96 | 20.99 | 19.94 | 18.18 | 18.10 | 17.02 | 16.69 | 16.05 | 16.28 | 17.38 | 18.44 | 21.24 | 22.63 | 22.24 | 17.09 | 16.67 | 16.62 |
| 23574 | 0.23 | 0.22 | 0.22 | 0.23 | 0.26 | 0.26 | 0.24 | 0.37 | 0.36 | 0.34 | 0.36 | 0.36 | 0.38 | 0.38 | 0.32 | 0.32 | 0.31 | 0.36 | 0.36 | 0.43 | 0.49 | 0.47 | 0.45 | 0.29 |
| | -11.09 | -9.65 | -9.18 | -8.15 | -8.01 | -10.80 | -12.95 | -10.60 | -11.74 | -10.52 | -8.47 | -8.42 | -7.11 | -6.84 | -8.06 | -8.56 | -9.58 | -9.44 | -11.93 | -11.49 | -9.82 | -4.76 | -6.74 | -9.96 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 15.90 0.26 -11.30 | 14.24 0.25 -9.84 | 13.75 0.25 -9.35 | 12.86 0.26 -8.31 | 13.13 0.29 -8.16 | 16.02 0.29 -11.01 | 18.54 0.28 -13.20 | 19.24 0.45 -10.81 | 21.33 0.46 -11.97 | 20.25 0.45 -10.72 | 18.46 0.48 -8.64 | 18.38 0.48 -8.58 | 17.28 0.50 -7.25 | 16.94 0.50 -6.97 | 16.30 0.42 -8.22 | 16.54 0.41 -8.73 | 17.65 0.40 -9.77 | 18.73 0.47 -9.62 | 21.58 0.47 -12.16 | 22.98 0.56 -11.72 | 22.57 0.63 -10.01 | 17.32 0.62 -4.85 | 16.89 0.54 -6.87 | 16.87 0.35 -10.15 |
| ALCOA_RYNLDS___DRP 24188 | 4.12 -0.22 0.00 | 3.96 -0.20 0.00 | 3.95 -0.20 0.00 | 4.07 -0.22 0.00 | 4.38 -0.30 0.00 | 4.39 -0.32 0.00 | 4.71 -0.35 0.00 | 7.49 -0.50 0.00 | 8.39 -0.51 0.00 | 8.58 -0.50 0.00 | 8.81 -0.54 0.00 | 8.77 -0.55 0.00 | 8.98 -0.54 0.00 | 8.93 -0.54 0.00 | 7.21 -0.45 0.00 | 6.94 -0.47 0.00 | 7.00 -0.49 0.00 | 8.09 -0.54 0.00 | 8.42 -0.54 0.00 | 10.03 -0.67 0.00 | 11.18 -0.75 0.00 | 11.17 -0.69 0.00 | 8.91 -0.57 0.00 | 5.95 -0.41 0.00 |
| ALCOA___DSASP 323711 | 4.12 -0.22 0.00 | 3.96 -0.20 0.00 | 3.95 -0.20 0.00 | 4.07 -0.22 0.00 | 4.38 -0.30 0.00 | 4.39 -0.32 0.00 | 4.71 -0.35 0.00 | 7.49 -0.50 0.00 | 8.39 -0.51 0.00 | 8.58 -0.50 0.00 | 8.81 -0.54 0.00 | 8.77 -0.55 0.00 | 8.98 -0.54 0.00 | 8.93 -0.54 0.00 | 7.21 -0.45 0.00 | 6.94 -0.47 0.00 | 7.00 -0.49 0.00 | 8.09 -0.54 0.00 | 8.42 -0.54 0.00 | 10.03 -0.67 0.00 | 11.18 -0.75 0.00 | 11.17 -0.69 0.00 | 8.91 -0.57 0.00 | 5.95 -0.41 0.00 |
| ALLEGHENY___COGEN 23514 | 5.88 0.07 -1.47 | 5.48 0.05 -1.28 | 5.41 0.05 -1.21 | 5.44 0.07 -1.08 | 5.85 0.11 -1.06 | 6.31 0.17 -1.43 | 7.58 0.38 -2.14 | 10.40 0.66 -1.75 | 11.45 0.61 -1.94 | 11.43 0.62 -1.74 | 11.35 0.60 -1.40 | 11.24 0.53 -1.39 | 11.29 0.59 -1.18 | 11.19 0.59 -1.13 | 9.50 0.50 -1.34 | 9.34 0.52 -1.42 | 9.60 0.52 -1.59 | 10.84 0.64 -1.56 | 11.53 0.60 -1.98 | 12.57 0.34 -1.52 | 13.61 0.38 -1.30 | 12.72 0.24 -0.63 | 10.59 0.22 -0.89 | 7.84 0.15 -1.32 |
| ALTONA_WT_PWR 323606 | 4.03 -0.31 0.00 | 3.88 -0.27 0.00 | 3.87 -0.28 0.00 | 3.99 -0.30 0.00 | 4.32 -0.36 0.00 | 4.34 -0.37 0.00 | 4.67 -0.38 0.00 | 7.44 -0.55 0.00 | 8.36 -0.53 0.00 | 8.59 -0.49 0.00 | 8.81 -0.54 0.00 | 8.75 -0.57 0.00 | 8.95 -0.57 0.00 | 8.89 -0.58 0.00 | 7.14 -0.52 0.00 | 6.85 -0.56 0.00 | 6.89 -0.60 0.00 | 8.00 -0.64 0.00 | 8.34 -0.61 0.00 | 9.93 -0.78 0.00 | 11.03 -0.89 0.00 | 11.01 -0.84 0.00 | 8.79 -0.69 0.00 | 5.92 -0.45 0.00 |
| AMERICAN_REF_FUEL 24010 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 5.59 -0.20 -1.45 | 5.22 -0.20 -1.26 | 5.17 -0.17 -1.20 | 5.19 -0.16 -1.06 | 5.59 -0.14 -1.04 | 6.04 -0.08 -1.41 | 6.63 -0.13 -1.71 | 9.26 -0.13 -1.40 | 10.10 -0.35 -1.55 | 10.11 -0.35 -1.39 | 10.08 -0.38 -1.12 | 10.06 -0.37 -1.11 | 10.01 -0.45 -0.94 | 9.94 -0.44 -0.90 | 8.55 -0.19 -1.08 | 8.42 -0.13 -1.15 | 8.64 -0.13 -1.28 | 9.75 -0.15 -1.26 | 10.32 -0.23 -1.60 | 11.97 -0.26 -1.52 | 12.95 -0.29 -1.30 | 12.01 -0.47 -0.63 | 10.12 -0.26 -0.89 | 7.57 -0.12 -1.32 |
| ARTHUR_KILL_GT_1 23520 | 13.04 0.43 -8.26 | 11.74 0.40 -7.19 | 11.36 0.38 -6.84 | 10.76 0.40 -6.07 | 11.08 0.43 -5.97 | 13.21 0.45 -8.05 | 15.18 0.48 -9.65 | 16.60 0.71 -7.90 | 18.47 0.83 -8.75 | 17.79 0.87 -7.84 | 16.59 0.93 -6.31 | 16.53 0.93 -6.27 | 15.80 0.98 -5.30 | 15.54 0.98 -5.09 | 14.47 0.80 -6.01 | 14.57 0.78 -6.38 | 15.44 0.81 -7.14 | 16.55 0.88 -7.03 | 18.77 0.93 -8.89 | 20.38 1.11 -8.56 | 20.46 1.22 -7.32 | 16.63 1.23 -3.55 | 15.49 0.99 -5.02 | 14.51 0.73 -7.42 |
| ARTHUR_KILL_2 23512 | 13.03 0.42 -8.26 | 11.73 0.39 -7.19 | 11.35 0.37 -6.84 | 10.75 0.39 -6.07 | 11.07 0.42 -5.97 | 13.20 0.44 -8.05 | 15.17 0.46 -9.65 | 16.57 0.69 -7.90 | 18.44 0.80 -8.75 | 17.77 0.85 -7.84 | 16.57 0.91 -6.31 | 16.50 0.90 -6.27 | 15.78 0.96 -5.30 | 15.52 0.96 -5.09 | 14.45 0.78 -6.01 | 14.55 0.77 -6.38 | 15.42 0.79 -7.14 | 16.52 0.86 -7.03 | 18.75 0.91 -8.89 | 20.36 1.09 -8.56 | 20.44 1.19 -7.32 | 16.60 1.20 -3.55 | 15.47 0.97 -5.02 | 14.50 0.71 -7.42 |
| ARTHUR_KILL_3 23513 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.68 0.79 -7.90 | 18.55 0.91 -8.75 | 17.87 0.96 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.55 1.30 -7.32 | 16.67 1.27 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| ARTHUR_KILL_COGEN 323718 | 13.04 0.43 -8.26 | 11.74 0.40 -7.19 | 11.36 0.38 -6.84 | 10.76 0.40 -6.07 | 11.08 0.43 -5.97 | 13.21 0.45 -8.05 | 15.18 0.48 -9.65 | 16.60 0.71 -7.90 | 18.47 0.83 -8.75 | 17.79 0.87 -7.84 | 16.59 0.93 -6.31 | 16.53 0.93 -6.27 | 15.80 0.98 -5.30 | 15.54 0.98 -5.09 | 14.47 0.80 -6.01 | 14.57 0.78 -6.38 | 15.44 0.81 -7.14 | 16.55 0.88 -7.03 | 18.77 0.93 -8.89 | 20.38 1.11 -8.56 | 20.46 1.22 -7.32 | 16.63 1.23 -3.55 | 15.49 0.99 -5.02 | 14.51 0.73 -7.42 |
| ASHOKAN____ 23654 | 13.63 0.40 -8.89 | 12.26 0.37 -7.73 | 11.86 0.36 -7.35 | 11.20 0.37 -6.53 | 11.50 0.41 -6.42 | 13.82 0.45 -8.66 | 15.92 0.49 -10.38 | 17.28 0.79 -8.50 | 19.26 0.95 -9.41 | 18.47 0.96 -8.43 | 17.07 0.93 -6.79 | 16.99 0.92 -6.75 | 16.11 0.89 -5.70 | 15.82 0.87 -5.48 | 14.80 0.67 -6.46 | 14.89 0.63 -6.86 | 15.85 0.68 -7.68 | 17.08 0.88 -7.56 | 19.55 1.04 -9.56 | 21.15 1.23 -9.21 | 21.17 1.37 -7.87 | 16.94 1.27 -3.81 | 15.83 0.95 -5.40 | 14.96 0.61 -7.98 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.51 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.44 0.80 -8.74 | 17.76 0.85 -7.83 | 16.56 0.91 -6.30 | 16.49 0.90 -6.27 | 15.78 0.97 -5.29 | 15.52 0.97 -5.09 | 14.45 0.79 -6.00 | 14.53 0.76 -6.37 | 15.40 0.78 -7.13 | 16.49 0.83 -7.02 | 18.70 0.87 -8.88 | 20.29 1.03 -8.56 | 20.36 1.12 -7.31 | 16.54 1.15 -3.54 | 15.43 0.93 -5.02 | 14.58 0.78 -7.42 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 13.09 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.44 0.80 -8.74 | 17.76 0.85 -7.83 | 16.56 0.91 -6.30 | 16.49 0.90 -6.27 | 15.78 0.97 -5.29 | 15.52 0.97 -5.09 | 14.45 0.79 -6.00 | 14.53 0.76 -6.37 | 15.40 0.78 -7.13 | 16.49 0.83 -7.02 | 18.70 0.87 -8.88 | 20.29 1.03 -8.56 | 20.36 1.12 -7.31 | 16.54 1.15 -3.54 | 15.43 0.93 -5.02 | 14.58 0.79 -7.42 |
| ASTORIA_GT2_I 24094 | 13.09 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.44 0.81 -8.74 | 17.76 0.85 -7.83 | 16.56 0.91 -6.30 | 16.50 0.91 -6.27 | 15.78 0.97 -5.29 | 15.52 0.97 -5.09 | 14.45 0.79 -6.00 | 14.54 0.76 -6.37 | 15.40 0.78 -7.13 | 16.49 0.83 -7.02 | 18.70 0.87 -8.88 | 20.29 1.03 -8.56 | 20.37 1.13 -7.31 | 16.54 1.15 -3.54 | 15.44 0.94 -5.02 | 14.58 0.79 -7.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| ASTORIA_GT_13 24227 | 13.05 | 11.77 | 11.39 | 10.79 | 11.11 | 13.25 | 15.22 | 16.65 | 18.52 | 17.84 | 16.64 | 16.58 | 15.86 | 15.60 | 14.51 | 14.61 | 15.48 | 16.58 | 18.80 | 20.40 | 20.49 | 16.66 | 15.51 | 14.54 |
| | 0.45 | 0.42 | 0.41 | 0.42 | 0.46 | 0.49 | 0.52 | 0.76 | 0.88 | 0.93 | 0.98 | 0.99 | 1.04 | 1.03 | 0.84 | 0.83 | 0.85 | 0.91 | 0.96 | 1.13 | 1.24 | 1.26 | 1.00 | 0.75 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.01 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| ASTORIA_GT_5 24106 | 13.09 | 11.80 | 11.42 | 10.83 | 11.15 | 13.29 | 15.22 | 16.58 | 18.46 | 17.78 | 16.58 | 16.52 | 15.80 | 15.54 | 14.47 | 14.54 | 15.42 | 16.51 | 18.72 | 20.31 | 20.38 | 16.57 | 15.45 | 14.59 |
| | 0.48 | 0.45 | 0.44 | 0.45 | 0.50 | 0.52 | 0.52 | 0.70 | 0.83 | 0.87 | 0.93 | 0.93 | 0.99 | 0.98 | 0.80 | 0.77 | 0.79 | 0.85 | 0.89 | 1.05 | 1.15 | 1.17 | 0.95 | 0.80 |
| | -8.27 | -7.20 | -6.84 | -6.08 | -5.97 | -8.06 | -9.65 | -7.89 | -8.74 | -7.83 | -6.30 | -6.27 | -5.29 | -5.09 | -6.00 | -6.37 | -7.13 | -7.02 | -8.88 | -8.56 | -7.31 | -3.54 | -5.02 | -7.42 |
| ASTORIA_GT_7 24107 | 13.09 | 11.80 | 11.42 | 10.83 | 11.15 | 13.29 | 15.22 | 16.58 | 18.46 | 17.78 | 16.58 | 16.52 | 15.80 | 15.54 | 14.47 | 14.54 | 15.42 | 16.51 | 18.72 | 20.31 | 20.38 | 16.57 | 15.45 | 14.59 |
| | 0.48 | 0.45 | 0.44 | 0.45 | 0.50 | 0.52 | 0.52 | 0.70 | 0.83 | 0.87 | 0.93 | 0.93 | 0.99 | 0.98 | 0.80 | 0.77 | 0.79 | 0.85 | 0.89 | 1.05 | 1.15 | 1.17 | 0.95 | 0.80 |
| | -8.27 | -7.20 | -6.84 | -6.08 | -5.97 | -8.06 | -9.65 | -7.89 | -8.74 | -7.83 | -6.30 | -6.27 | -5.29 | -5.09 | -6.00 | -6.37 | -7.13 | -7.02 | -8.88 | -8.56 | -7.31 | -3.54 | -5.02 | -7.42 |
| ASTORIA_GT_8 24108 | 13.09 | 11.80 | 11.42 | 10.83 | 11.15 | 13.29 | 15.22 | 16.58 | 18.46 | 17.78 | 16.58 | 16.52 | 15.80 | 15.54 | 14.47 | 14.54 | 15.42 | 16.51 | 18.72 | 20.31 | 20.38 | 16.57 | 15.45 | 14.59 |
| | 0.48 | 0.45 | 0.44 | 0.45 | 0.50 | 0.52 | 0.52 | 0.70 | 0.83 | 0.87 | 0.93 | 0.93 | 0.99 | 0.98 | 0.80 | 0.77 | 0.79 | 0.85 | 0.89 | 1.05 | 1.15 | 1.17 | 0.95 | 0.80 |
| | -8.27 | -7.20 | -6.84 | -6.08 | -5.97 | -8.06 | -9.65 | -7.89 | -8.74 | -7.83 | -6.30 | -6.27 | -5.29 | -5.09 | -6.00 | -6.37 | -7.13 | -7.02 | -8.88 | -8.56 | -7.31 | -3.54 | -5.02 | -7.42 |
| ASTORIA___2 24149 | 13.09 | 11.80 | 11.42 | 10.82 | 11.14 | 13.28 | 15.21 | 16.57 | 18.44 | 17.76 | 16.56 | 16.50 | 15.78 | 15.52 | 14.45 | 14.54 | 15.40 | 16.49 | 18.70 | 20.29 | 20.37 | 16.54 | 15.44 | 14.58 |
| | 0.47 | 0.44 | 0.43 | 0.45 | 0.49 | 0.52 | 0.51 | 0.69 | 0.81 | 0.85 | 0.91 | 0.91 | 0.97 | 0.97 | 0.79 | 0.76 | 0.78 | 0.83 | 0.87 | 1.03 | 1.13 | 1.15 | 0.94 | 0.79 |
| | -8.27 | -7.20 | -6.84 | -6.08 | -5.97 | -8.06 | -9.65 | -7.89 | -8.74 | -7.83 | -6.30 | -6.27 | -5.29 | -5.09 | -6.00 | -6.37 | -7.13 | -7.02 | -8.88 | -8.56 | -7.31 | -3.54 | -5.02 | -7.42 |
| ASTORIA___3 23516 | 13.05 | 11.77 | 11.39 | 10.79 | 11.11 | 13.25 | 15.22 | 16.65 | 18.52 | 17.84 | 16.64 | 16.58 | 15.86 | 15.60 | 14.51 | 14.61 | 15.48 | 16.58 | 18.80 | 20.40 | 20.49 | 16.66 | 15.51 | 14.54 |
| | 0.45 | 0.42 | 0.41 | 0.42 | 0.46 | 0.49 | 0.52 | 0.76 | 0.88 | 0.93 | 0.98 | 0.99 | 1.04 | 1.03 | 0.84 | 0.83 | 0.85 | 0.91 | 0.96 | 1.13 | 1.24 | 1.26 | 1.00 | 0.75 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.01 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| ASTORIA___4 23517 | 13.09 | 11.80 | 11.42 | 10.82 | 11.14 | 13.28 | 15.21 | 16.57 | 18.44 | 17.76 | 16.56 | 16.50 | 15.78 | 15.52 | 14.45 | 14.54 | 15.40 | 16.49 | 18.70 | 20.29 | 20.37 | 16.54 | 15.44 | 14.58 |
| | 0.47 | 0.44 | 0.43 | 0.45 | 0.49 | 0.52 | 0.51 | 0.69 | 0.81 | 0.85 | 0.91 | 0.91 | 0.97 | 0.97 | 0.79 | 0.76 | 0.78 | 0.83 | 0.87 | 1.03 | 1.13 | 1.15 | 0.94 | 0.79 |
| | -8.27 | -7.20 | -6.84 | -6.08 | -5.97 | -8.06 | -9.65 | -7.89 | -8.74 | -7.83 | -6.30 | -6.27 | -5.29 | -5.09 | -6.00 | -6.37 | -7.13 | -7.02 | -8.88 | -8.56 | -7.31 | -3.54 | -5.02 | -7.42 |
| ASTORIA___5 23518 | 13.05 | 11.77 | 11.39 | 10.79 | 11.11 | 13.25 | 15.22 | 16.65 | 18.52 | 17.84 | 16.64 | 16.58 | 15.86 | 15.60 | 14.51 | 14.61 | 15.48 | 16.58 | 18.80 | 20.40 | 20.49 | 16.66 | 15.51 | 14.54 |
| | 0.45 | 0.42 | 0.41 | 0.42 | 0.46 | 0.49 | 0.52 | 0.76 | 0.88 | 0.93 | 0.98 | 0.99 | 1.04 | 1.03 | 0.84 | 0.83 | 0.85 | 0.91 | 0.96 | 1.13 | 1.24 | 1.26 | 1.00 | 0.75 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.01 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| AST_ENERGY_2_CC3 323677 | 13.04 | 11.75 | 11.37 | 10.77 | 11.09 | 13.23 | 15.22 | 16.69 | 18.57 | 17.88 | 16.68 | 16.61 | 15.90 | 15.62 | 14.53 | 14.62 | 15.51 | 16.62 | 18.84 | 20.46 | 20.55 | 16.68 | 15.54 | 14.50 |
| | 0.43 | 0.40 | 0.39 | 0.41 | 0.44 | 0.47 | 0.52 | 0.80 | 0.93 | 0.97 | 1.02 | 1.02 | 1.08 | 1.06 | 0.86 | 0.84 | 0.88 | 0.95 | 1.00 | 1.19 | 1.30 | 1.28 | 1.03 | 0.72 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.00 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| AST_ENERGY_2_CC4 323678 | 13.04 | 11.75 | 11.37 | 10.77 | 11.09 | 13.23 | 15.22 | 16.69 | 18.57 | 17.88 | 16.68 | 16.61 | 15.90 | 15.62 | 14.53 | 14.62 | 15.51 | 16.62 | 18.84 | 20.46 | 20.55 | 16.68 | 15.54 | 14.50 |
| | 0.43 | 0.40 | 0.39 | 0.41 | 0.44 | 0.47 | 0.52 | 0.80 | 0.93 | 0.97 | 1.02 | 1.02 | 1.08 | 1.06 | 0.86 | 0.84 | 0.88 | 0.95 | 1.00 | 1.19 | 1.30 | 1.28 | 1.03 | 0.72 |
| | -8.26 | -7.19 | -6.84 | -6.07 | -5.97 | -8.05 | -9.65 | -7.90 | -8.75 | -7.84 | -6.31 | -6.27 | -5.30 | -5.09 | -6.00 | -6.38 | -7.14 | -7.03 | -8.89 | -8.56 | -7.32 | -3.55 | -5.02 | -7.42 |
| ATHENS_STG_1 23668 | 13.71 | 12.33 | 11.93 | 11.25 | 11.54 | 13.88 | 16.01 | 17.22 | 19.14 | 18.33 | 16.95 | 16.88 | 16.01 | 15.72 | 14.80 | 14.94 | 15.88 | 16.97 | 19.36 | 20.87 | 20.81 | 16.57 | 15.66 | 14.97 |
| | 0.28 | 0.27 | 0.27 | 0.28 | 0.30 | 0.32 | 0.34 | 0.54 | 0.62 | 0.64 | 0.66 | 0.66 | 0.67 | 0.65 | 0.53 | 0.52 | 0.54 | 0.60 | 0.64 | 0.75 | 0.83 | 0.82 | 0.65 | 0.45 |
| | -9.08 | -7.91 | -7.52 | -6.68 | -6.56 | -8.85 | -10.61 | -8.69 | -9.62 | -8.62 | -6.94 | -6.90 | -5.83 | -5.60 | -6.60 | -7.02 | -7.85 | -7.73 | -9.77 | -9.42 | -8.05 | -3.90 | -5.52 | -8.16 |
| ATHENS_STG_2 23670 | 13.71 | 12.33 | 11.93 | 11.25 | 11.54 | 13.88 | 16.01 | 17.22 | 19.14 | 18.33 | 16.95 | 16.88 | 16.01 | 15.72 | 14.80 | 14.94 | 15.88 | 16.97 | 19.36 | 20.87 | 20.81 | 16.57 | 15.66 | 14.97 |
| | 0.28 | 0.27 | 0.27 | 0.28 | 0.30 | 0.32 | 0.34 | 0.54 | 0.62 | 0.64 | 0.66 | 0.66 | 0.67 | 0.65 | 0.53 | 0.52 | 0.54 | 0.60 | 0.64 | 0.75 | 0.83 | 0.82 | 0.65 | 0.45 |
| | -9.08 | -7.91 | -7.52 | -6.68 | -6.56 | -8.85 | -10.61 | -8.69 | -9.62 | -8.62 | -6.94 | -6.90 | -5.83 | -5.60 | -6.60 | -7.02 | -7.85 | -7.73 | -9.77 | -9.42 | -8.05 | -3.90 | -5.52 | -8.16 |
| ATHENS_STG_3 23677 | 13.71 | 12.33 | 11.93 | 11.25 | 11.54 | 13.88 | 16.01 | 17.22 | 19.14 | 18.33 | 16.95 | 16.88 | 16.01 | 15.72 | 14.80 | 14.94 | 15.88 | 16.97 | 19.36 | 20.87 | 20.81 | 16.57 | 15.66 | 14.97 |
| | 0.28 | 0.27 | 0.27 | 0.28 | 0.30 | 0.32 | 0.34 | 0.54 | 0.62 | 0.64 | 0.66 | 0.66 | 0.67 | 0.65 | 0.53 | 0.52 | 0.54 | 0.60 | 0.64 | 0.75 | 0.83 | 0.82 | 0.65 | 0.45 |
| | -9.08 | -7.91 | -7.52 | -6.68 | -6.56 | -8.85 | -10.61 | -8.69 | -9.62 | -8.62 | -6.94 | -6.90 | -5.83 | -5.60 | -6.60 | -7.02 | -7.85 | -7.73 | -9.77 | -9.42 | -8.05 | -3.90 | -5.52 | -8.16 |
| AUBURN___LFGE 323710 | 5.46 | 5.12 | 5.07 | 5.11 | 5.51 | 5.85 | 6.43 | 9.20 | 10.21 | 10.28 | 10.34 | 10.31 | 10.38 | 10.29 | 8.59 | 8.39 | 8.58 | 9.72 | 10.27 | 12.02 | 13.10 | 12.47 | 10.27 | 7.44 |
| | 0.01 | 0.00 | 0.01 | 0.01 | 0.03 | 0.07 | 0.09 | 0.16 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.12 | 0.13 | 0.13 | 0.15 | 0.13 | 0.17 | 0.19 | 0.14 | 0.11 | 0.08 |
| | -1.10 | -0.96 | -0.91 | -0.81 | -0.80 | -1.08 | -1.29 | -1.06 | -1.17 | -1.05 | -0.84 | -0.84 | -0.71 | -0.68 | -0.80 | -0.85 | -0.96 | -0.94 | -1.19 | -1.15 | -0.98 | -0.47 | -0.67 | -0.99 |
| BABYLON_RES_REC 323704 | 13.18 | 11.89 | 11.51 | 11.19 | 11.25 | 13.38 | 15.29 | 16.87 | 18.87 | 18.14 | 17.46 | 17.16 | 16.51 | 16.26 | 15.16 | 15.61 | 17.19 | 19.79 | 20.49 | 21.70 | 21.36 | 19.02 | 16.18 | 15.51 |
| | 0.56 | 0.53 | 0.52 | 0.56 | 0.59 | 0.61 | 0.59 | 0.98 | 1.23 | 1.23 | 1.29 | 1.28 | 1.33 | 1.32 | 1.06 | 1.06 | 1.07 | 1.19 | 1.26 | 1.51 | 1.68 | 1.61 | 1.37 | 0.93 |
| | -8.27 | -7.20 | -6.85 | -6.34 | -5.98 | -8.06 | -9.65 | -7.90 | -8.75 | -7.84 | -6.83 | -6.56 | -5.66 | -5.48 | -6.43 | -7.15 | -8.62 | -9.96 | -10.28 | -9.48 | -7.75 | -5.55 | -5.34 | -8.22 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| BAYONEEC___CTG10 323750 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG2 323683 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG3 323684 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG4 323685 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG5 323686 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG6 323687 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG7 323688 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG8 323689 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BAYONEEC___CTG9 323749 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| BEACON___LESR 323632 | 15.66 0.28 -11.04 | 14.02 0.26 -9.60 | 13.54 0.27 -9.13 | 12.68 0.28 -8.11 | 12.96 0.31 -7.97 | 15.77 0.31 -10.75 | 18.25 0.31 -12.89 | 19.04 0.50 -10.55 | 21.10 0.52 -11.68 | 20.06 0.52 -10.47 | 18.32 0.54 -8.43 | 18.25 0.55 -8.38 | 17.17 0.57 -7.08 | 16.84 0.57 -6.80 | 16.16 0.48 -8.02 | 16.39 0.47 -8.52 | 17.48 0.46 -9.53 | 18.57 0.54 -9.39 | 21.36 0.54 -11.87 | 22.79 0.64 -11.44 | 22.43 0.73 -9.78 | 17.29 0.70 -4.74 | 16.79 0.60 -6.71 | 16.66 0.39 -9.91 |
| BEAVER RIVER___HYD 24048 | 4.35 -0.16 -0.17 | 4.15 -0.15 -0.14 | 4.12 -0.16 -0.14 | 4.25 -0.16 -0.12 | 4.64 -0.16 -0.12 | 4.74 -0.14 -0.16 | 5.14 -0.11 -0.19 | 7.99 -0.16 -0.16 | 8.93 -0.14 -0.18 | 9.02 -0.22 -0.16 | 9.25 -0.22 -0.13 | 9.24 -0.21 -0.13 | 9.40 -0.23 -0.11 | 9.36 -0.21 -0.10 | 7.62 -0.17 -0.12 | 7.35 -0.18 -0.13 | 7.45 -0.19 -0.14 | 8.54 -0.23 -0.14 | 8.85 -0.28 -0.18 | 10.54 -0.34 -0.17 | 11.69 -0.38 -0.15 | 11.75 -0.18 -0.07 | 9.36 -0.22 -0.10 | 6.35 -0.17 -0.15 |
| BEEBEE_GT_13 23619 | 5.32 -0.05 -1.03 | 4.99 -0.06 -0.90 | 4.94 -0.05 -0.85 | 5.00 -0.04 -0.76 | 5.40 -0.02 -0.74 | 5.74 0.02 -1.00 | 6.24 0.02 -1.17 | 8.97 0.03 -0.96 | 9.86 -0.10 -1.06 | 9.94 -0.09 -0.95 | 9.99 -0.12 -0.76 | 9.97 -0.11 -0.76 | 10.03 -0.13 -0.64 | 9.96 -0.12 -0.62 | 8.32 -0.07 -0.73 | 8.13 -0.04 -0.77 | 8.32 -0.04 -0.87 | 9.47 -0.02 -0.85 | 9.95 -0.08 -1.08 | 11.70 -0.07 -1.07 | 12.75 -0.10 -0.91 | 12.10 -0.20 -0.44 | 10.01 -0.10 -0.63 | 7.24 -0.05 -0.93 |
| BETHLEHEM___GRP 23843 | 15.66 0.23 -11.09 | 14.02 0.22 -9.65 | 13.54 0.22 -9.18 | 12.67 0.23 -8.15 | 12.95 0.26 -8.01 | 15.78 0.26 -10.80 | 18.24 0.24 -12.95 | 18.96 0.37 -10.60 | 20.99 0.36 -11.74 | 19.94 0.34 -10.52 | 18.18 0.36 -8.47 | 18.10 0.36 -8.42 | 17.02 0.38 -7.11 | 16.69 0.38 -6.84 | 16.05 0.32 -8.06 | 16.28 0.32 -8.56 | 17.38 0.31 -9.58 | 18.44 0.36 -9.44 | 21.24 0.36 -11.93 | 22.63 0.43 -11.49 | 22.24 0.49 -9.82 | 17.09 0.47 -4.76 | 16.67 0.45 -6.74 | 16.62 0.29 -9.96 |
| BETHLEHEM___GS1 323560 | 15.66 0.23 -11.09 | 14.02 0.22 -9.65 | 13.54 0.22 -9.18 | 12.67 0.23 -8.15 | 12.95 0.26 -8.01 | 15.78 0.26 -10.80 | 18.24 0.24 -12.95 | 18.96 0.37 -10.60 | 20.99 0.36 -11.74 | 19.94 0.34 -10.52 | 18.18 0.36 -8.47 | 18.10 0.36 -8.42 | 17.02 0.38 -7.11 | 16.69 0.38 -6.84 | 16.05 0.32 -8.06 | 16.28 0.32 -8.56 | 17.38 0.31 -9.58 | 18.44 0.36 -9.44 | 21.24 0.36 -11.93 | 22.63 0.43 -11.49 | 22.24 0.49 -9.82 | 17.09 0.47 -4.76 | 16.67 0.45 -6.74 | 16.62 0.29 -9.96 |
| BETHLEHEM___GS2 323561 | 15.66 0.23 -11.09 | 14.02 0.22 -9.65 | 13.54 0.22 -9.18 | 12.67 0.23 -8.15 | 12.95 0.26 -8.01 | 15.78 0.26 -10.80 | 18.24 0.24 -12.95 | 18.96 0.37 -10.60 | 20.99 0.36 -11.74 | 19.94 0.34 -10.52 | 18.18 0.36 -8.47 | 18.10 0.36 -8.42 | 17.02 0.38 -7.11 | 16.69 0.38 -6.84 | 16.05 0.32 -8.06 | 16.28 0.32 -8.56 | 17.38 0.31 -9.58 | 18.44 0.36 -9.44 | 21.24 0.36 -11.93 | 22.63 0.43 -11.49 | 22.24 0.49 -9.82 | 17.09 0.47 -4.76 | 16.67 0.45 -6.74 | 16.62 0.29 -9.96 |

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|---|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 15.66 0.23 -11.09 | 14.02 0.22 -9.65 | 13.54 0.22 -9.18 | 12.67 0.23 -8.15 | 12.95 0.26 -8.01 | 15.78 0.26 -10.80 | 18.24 0.24 -12.95 | 18.96 0.37 -10.60 | 20.99 0.36 -11.74 | 19.94 0.34 -10.52 | 18.18 0.36 -8.47 | 18.10 0.36 -8.42 | 17.02 0.38 -7.11 | 16.69 0.38 -6.84 | 16.05 0.32 -8.06 | 16.28 0.32 -8.56 | 17.38 0.31 -9.58 | 18.44 0.36 -9.44 | 21.24 0.36 -11.93 | 22.63 0.43 -11.49 | 22.24 0.49 -9.82 | 17.09 0.47 -4.76 | 16.67 0.45 -6.74 | 16.62 0.29 -9.96 |
| BETHLEHEM___STEEL 23779 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.08 -1.00 | 6.04 -0.03 -1.35 | 6.60 -0.09 -1.63 | 9.23 -0.10 -1.34 | 10.06 -0.32 -1.48 | 10.08 -0.33 -1.33 | 10.07 -0.35 -1.07 | 10.05 -0.34 -1.06 | 10.03 -0.39 -0.90 | 9.95 -0.38 -0.86 | 8.48 -0.21 -1.03 | 8.34 -0.15 -1.09 | 8.55 -0.16 -1.22 | 9.66 -0.17 -1.20 | 10.19 -0.28 -1.52 | 11.83 -0.33 -1.45 | 12.78 -0.39 -1.24 | 11.89 -0.57 -0.60 | 10.00 -0.33 -0.85 | 7.44 -0.18 -1.26 |
| BETHPAGE_CC_5 323564 | 13.15 0.54 -8.27 | 11.87 0.51 -7.20 | 11.49 0.50 -6.85 | 11.15 0.54 -6.33 | 11.22 0.56 -5.98 | 13.35 0.58 -8.06 | 15.27 0.57 -9.65 | 16.84 0.95 -7.90 | 18.84 1.19 -8.75 | 18.11 1.19 -7.84 | 17.48 1.25 -6.88 | 17.19 1.25 -6.62 | 16.55 1.29 -5.73 | 16.31 1.29 -5.56 | 15.22 1.04 -6.51 | 15.66 1.02 -7.24 | 17.21 1.04 -8.68 | 19.76 1.15 -9.98 | 20.47 1.22 -10.30 | 21.67 1.44 -9.51 | 21.30 1.61 -7.76 | 19.00 1.56 -5.58 | 16.20 1.32 -5.40 | 15.45 0.90 -8.19 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 5.63 -0.12 -1.41 | 5.27 -0.12 -1.22 | 5.22 -0.09 -1.16 | 5.25 -0.08 -1.03 | 5.65 -0.04 -1.02 | 6.09 0.00 -1.37 | 6.66 -0.05 -1.66 | 9.31 -0.03 -1.36 | 10.16 -0.24 -1.50 | 10.18 -0.24 -1.34 | 10.17 -0.26 -1.08 | 10.15 -0.25 -1.08 | 10.12 -0.31 -0.91 | 10.05 -0.29 -0.87 | 8.56 -0.15 -1.04 | 8.42 -0.09 -1.10 | 8.63 -0.10 -1.23 | 9.75 -0.10 -1.22 | 10.28 -0.21 -1.54 | 11.93 -0.25 -1.47 | 12.89 -0.30 -1.26 | 11.99 -0.47 -0.61 | 10.09 -0.26 -0.86 | 7.50 -0.14 -1.27 |
| BINGHAMTON___COGEN 23790 | 7.18 0.07 -2.76 | 6.62 0.07 -2.40 | 6.49 0.07 -2.28 | 6.39 0.08 -2.03 | 6.77 0.10 -1.99 | 7.52 0.12 -2.69 | 8.42 0.13 -3.24 | 10.85 0.22 -2.65 | 12.03 0.20 -2.93 | 11.90 0.19 -2.63 | 11.66 0.20 -2.12 | 11.62 0.20 -2.10 | 11.49 0.19 -1.78 | 11.37 0.19 -1.71 | 9.84 0.16 -2.01 | 9.71 0.17 -2.14 | 10.06 0.17 -2.39 | 11.19 0.20 -2.36 | 12.12 0.19 -2.98 | 13.80 0.24 -2.86 | 14.63 0.26 -2.44 | 13.25 0.21 -1.18 | 11.35 0.19 -1.68 | 8.98 0.14 -2.47 |
| BLACK RIVER___HYD 24047 | 4.55 -0.13 -0.34 | 4.31 -0.14 -0.29 | 4.28 -0.14 -0.28 | 4.40 -0.14 -0.25 | 4.81 -0.11 -0.24 | 4.96 -0.08 -0.33 | 5.41 -0.04 -0.39 | 8.25 -0.06 -0.32 | 9.21 -0.04 -0.36 | 9.28 -0.12 -0.32 | 9.47 -0.13 -0.26 | 9.48 -0.09 -0.26 | 9.61 -0.12 -0.22 | 9.57 -0.10 -0.21 | 7.83 -0.08 -0.24 | 7.56 -0.10 -0.26 | 7.69 -0.09 -0.29 | 8.79 -0.13 -0.29 | 9.13 -0.19 -0.36 | 10.82 -0.24 -0.35 | 11.95 -0.27 -0.30 | 11.99 -0.01 -0.14 | 9.59 -0.09 -0.20 | 6.57 -0.10 -0.30 |
| BLISS_WT_PWR 323608 | 5.73 -0.10 -1.49 | 5.35 -0.10 -1.30 | 5.30 -0.07 -1.23 | 5.33 -0.06 -1.09 | 5.74 -0.02 -1.07 | 6.19 0.03 -1.45 | 6.80 -0.01 -1.76 | 9.48 0.06 -1.44 | 10.36 -0.12 -1.59 | 10.37 -0.14 -1.43 | 10.37 -0.13 -1.15 | 10.33 -0.13 -1.14 | 10.29 -0.19 -0.96 | 10.22 -0.18 -0.93 | 8.69 -0.07 -1.10 | 8.54 -0.02 -1.17 | 8.77 -0.03 -1.30 | 9.88 -0.04 -1.28 | 10.44 -0.13 -1.62 | 12.10 -0.16 -1.55 | 13.04 -0.21 -1.32 | 12.09 -0.40 -0.64 | 10.18 -0.21 -0.91 | 7.60 -0.11 -1.34 |
| BLUE_CIRC_CHEM_DRP 24182 | 15.45 0.23 -10.88 | 13.84 0.22 -9.47 | 13.37 0.22 -9.00 | 12.52 0.23 -8.00 | 12.79 0.26 -7.86 | 15.57 0.26 -10.60 | 18.02 0.26 -12.70 | 18.80 0.41 -10.40 | 20.85 0.44 -11.52 | 19.83 0.44 -10.32 | 18.11 0.45 -8.31 | 18.03 0.45 -8.26 | 16.97 0.47 -6.98 | 16.63 0.45 -6.71 | 15.95 0.38 -7.91 | 16.17 0.37 -8.40 | 17.26 0.37 -9.40 | 18.33 0.43 -9.26 | 21.09 0.44 -11.70 | 22.51 0.52 -11.28 | 22.15 0.58 -9.64 | 17.09 0.57 -4.67 | 16.58 0.48 -6.61 | 16.46 0.32 -9.77 |
| BOC_GAS_DRP 24189 | 15.61 0.22 -11.05 | 13.98 0.21 -9.62 | 13.50 0.21 -9.15 | 12.63 0.22 -8.13 | 12.90 0.24 -7.98 | 15.72 0.24 -10.77 | 18.21 0.25 -12.90 | 18.95 0.39 -10.57 | 21.01 0.42 -11.70 | 19.99 0.43 -10.48 | 18.23 0.44 -8.44 | 18.15 0.44 -8.39 | 17.06 0.45 -7.09 | 16.73 0.45 -6.81 | 16.07 0.37 -8.03 | 16.30 0.36 -8.54 | 17.41 0.37 -9.55 | 18.47 0.42 -9.41 | 21.27 0.43 -11.89 | 22.68 0.51 -11.46 | 22.29 0.57 -9.79 | 17.16 0.56 -4.74 | 16.67 0.46 -6.72 | 16.60 0.31 -9.92 |
| BORALEX_4TH_BRANCH 23824 | 15.88 0.33 -11.21 | 14.23 0.32 -9.76 | 13.75 0.32 -9.28 | 12.87 0.34 -8.24 | 13.15 0.38 -8.10 | 16.01 0.38 -10.92 | 18.56 0.42 -13.09 | 19.38 0.67 -10.72 | 21.51 0.75 -11.87 | 20.46 0.75 -10.63 | 18.67 0.76 -8.56 | 18.59 0.75 -8.51 | 17.50 0.79 -7.19 | 17.17 0.79 -6.91 | 16.46 0.65 -8.15 | 16.69 0.63 -8.66 | 17.82 0.64 -9.68 | 18.93 0.75 -9.54 | 21.77 0.76 -12.06 | 23.25 0.92 -11.62 | 22.88 1.03 -9.93 | 17.66 1.00 -4.81 | 17.08 0.79 -6.82 | 16.94 0.50 -10.06 |
| BOWLINE___1 23526 | 12.72 0.35 -8.03 | 11.47 0.33 -6.98 | 11.11 0.32 -6.64 | 10.53 0.34 -5.90 | 10.84 0.37 -5.80 | 12.92 0.39 -7.82 | 14.86 0.43 -9.37 | 16.33 0.67 -7.68 | 18.18 0.78 -8.50 | 17.51 0.82 -7.61 | 16.33 0.85 -6.13 | 16.26 0.85 -6.10 | 15.55 0.89 -5.15 | 15.30 0.88 -4.95 | 14.20 0.70 -5.83 | 14.29 0.69 -6.20 | 15.15 0.72 -6.93 | 16.26 0.79 -6.83 | 18.44 0.85 -8.63 | 20.03 1.01 -8.32 | 20.16 1.12 -7.11 | 16.39 1.09 -3.45 | 15.22 0.86 -4.88 | 14.17 0.59 -7.21 |
| BOWLINE___2 23595 | 12.72 0.35 -8.03 | 11.48 0.33 -6.99 | 11.11 0.32 -6.64 | 10.53 0.34 -5.90 | 10.85 0.37 -5.80 | 12.92 0.39 -7.82 | 14.86 0.43 -9.37 | 16.33 0.67 -7.68 | 18.18 0.78 -8.50 | 17.51 0.82 -7.61 | 16.33 0.85 -6.13 | 16.26 0.85 -6.10 | 15.56 0.89 -5.15 | 15.30 0.88 -4.95 | 14.20 0.70 -5.83 | 14.29 0.69 -6.20 | 15.15 0.72 -6.94 | 16.26 0.79 -6.83 | 18.44 0.85 -8.63 | 20.03 1.01 -8.32 | 20.16 1.12 -7.11 | 16.39 1.09 -3.45 | 15.22 0.86 -4.88 | 14.17 0.59 -7.21 |
| BROOKHAVEN___DRP 24191 | 13.30 0.69 -8.27 | 12.01 0.65 -7.20 | 11.63 0.64 -6.85 | 11.33 0.69 -6.36 | 11.38 0.73 -5.98 | 13.51 0.74 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.47 1.46 -6.67 | 17.13 1.43 -6.39 | 16.46 1.50 -5.44 | 16.19 1.48 -5.25 | 15.03 1.20 -6.17 | 15.46 1.18 -6.87 | 17.12 1.22 -8.40 | 19.88 1.36 -9.88 | 20.60 1.44 -10.20 | 21.81 1.71 -9.39 | 21.57 1.92 -7.72 | 19.13 1.85 -5.43 | 16.26 1.63 -5.15 | 15.73 1.10 -8.26 |
| BROOKLYN_NAVY_YARD 23515 | 13.03 0.42 -8.26 | 11.74 0.39 -7.19 | 11.36 0.38 -6.84 | 10.76 0.40 -6.07 | 11.08 0.43 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.00 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.59 0.92 -7.03 | 18.82 0.98 -8.89 | 20.43 1.16 -8.56 | 20.52 1.28 -7.32 | 16.66 1.26 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| BROOKLYN___ARMY_DRP 323595 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| BROOME_2_LFGE 323671 | 7.18 0.07 -2.76 | 6.62 0.07 -2.40 | 6.49 0.07 -2.28 | 6.39 0.08 -2.03 | 6.77 0.10 -1.99 | 7.52 0.12 -2.69 | 8.42 0.13 -3.24 | 10.85 0.22 -2.65 | 12.03 0.20 -2.93 | 11.90 0.19 -2.63 | 11.66 0.20 -2.12 | 11.62 0.20 -2.10 | 11.49 0.19 -1.78 | 11.37 0.19 -1.71 | 9.84 0.16 -2.01 | 9.71 0.17 -2.14 | 10.06 0.17 -2.39 | 11.19 0.20 -2.36 | 12.12 0.19 -2.98 | 13.80 0.24 -2.86 | 14.63 0.26 -2.44 | 13.25 0.21 -1.18 | 11.35 0.19 -1.68 | 8.98 0.14 -2.47 |
| BROOME__LFGE 323600 | 7.18 0.07 -2.76 | 6.62 0.07 -2.40 | 6.49 0.07 -2.28 | 6.39 0.08 -2.03 | 6.77 0.10 -1.99 | 7.52 0.12 -2.69 | 8.42 0.13 -3.24 | 10.85 0.22 -2.65 | 12.03 0.20 -2.93 | 11.90 0.19 -2.63 | 11.66 0.20 -2.12 | 11.62 0.20 -2.10 | 11.49 0.19 -1.78 | 11.37 0.19 -1.71 | 9.84 0.16 -2.01 | 9.71 0.17 -2.14 | 10.06 0.17 -2.39 | 11.19 0.20 -2.36 | 12.12 0.19 -2.98 | 13.80 0.24 -2.86 | 14.63 0.26 -2.44 | 13.25 0.21 -1.18 | 11.35 0.19 -1.68 | 8.98 0.14 -2.47 |
| BURROWS__LYONSDAL 23803 | 4.31 -0.04 0.00 | 4.12 -0.04 0.00 | 4.10 -0.05 0.00 | 4.25 -0.04 0.00 | 4.66 -0.02 0.00 | 4.71 0.00 0.00 | 5.08 0.03 0.00 | 8.04 0.06 0.00 | 8.97 0.08 0.00 | 9.11 0.03 0.00 | 9.38 0.03 0.00 | 9.37 0.05 0.00 | 9.55 0.03 0.00 | 9.51 0.04 0.00 | 7.69 0.03 0.00 | 7.42 0.02 0.00 | 7.52 0.03 0.00 | 8.64 0.01 0.00 | 8.93 -0.02 0.00 | 10.69 -0.02 0.00 | 11.89 -0.04 0.00 | 11.96 0.11 0.00 | 9.52 0.04 0.00 | 6.37 0.01 0.00 |
| CAITHNESS_CC_1 323624 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.36 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.36 0.66 -9.65 | 16.99 1.10 -7.90 | 19.00 1.36 -8.75 | 18.25 1.34 -7.83 | 17.44 1.42 -6.67 | 17.10 1.40 -6.39 | 16.44 1.48 -5.44 | 16.15 1.44 -5.24 | 15.01 1.17 -6.17 | 15.43 1.16 -6.87 | 17.09 1.19 -8.40 | 19.85 1.33 -9.88 | 20.57 1.41 -10.20 | 21.76 1.67 -9.39 | 21.51 1.86 -7.72 | 19.08 1.80 -5.43 | 16.23 1.60 -5.14 | 15.71 1.08 -8.26 |
| CALPINE BETH_PAGE_GT4 24209 | 13.15 0.53 -8.27 | 11.86 0.51 -7.20 | 11.48 0.49 -6.84 | 11.13 0.53 -6.31 | 11.21 0.56 -5.97 | 13.34 0.57 -8.06 | 15.27 0.57 -9.65 | 16.83 0.94 -7.90 | 18.82 1.17 -8.75 | 18.10 1.18 -7.84 | 17.56 1.24 -6.97 | 17.28 1.24 -6.72 | 16.66 1.28 -5.86 | 16.44 1.28 -5.69 | 15.35 1.03 -6.65 | 15.81 1.01 -7.39 | 17.31 1.03 -8.79 | 19.79 1.14 -10.02 | 20.50 1.21 -10.34 | 21.71 1.44 -9.57 | 21.30 1.60 -7.77 | 19.05 1.55 -5.64 | 16.29 1.30 -5.51 | 15.40 0.88 -8.15 |
| CALPINE_BETH_PAGE_GT_4 323586 | 13.15 0.53 -8.27 | 11.86 0.51 -7.20 | 11.48 0.49 -6.84 | 11.13 0.53 -6.31 | 11.21 0.56 -5.97 | 13.34 0.57 -8.06 | 15.27 0.57 -9.65 | 16.83 0.94 -7.90 | 18.82 1.17 -8.75 | 18.10 1.18 -7.84 | 17.56 1.24 -6.97 | 17.28 1.24 -6.72 | 16.66 1.28 -5.86 | 16.44 1.28 -5.69 | 15.35 1.03 -6.65 | 15.81 1.01 -7.39 | 17.31 1.03 -8.79 | 19.79 1.14 -10.02 | 20.50 1.21 -10.34 | 21.71 1.44 -9.57 | 21.30 1.60 -7.77 | 19.05 1.55 -5.64 | 16.29 1.30 -5.51 | 15.40 0.88 -8.15 |
| CALPINE_BP_GT1 23823 | 13.15 0.53 -8.27 | 11.86 0.51 -7.20 | 11.48 0.49 -6.84 | 11.13 0.53 -6.31 | 11.21 0.56 -5.97 | 13.34 0.57 -8.06 | 15.27 0.57 -9.65 | 16.83 0.94 -7.90 | 18.82 1.17 -8.75 | 18.10 1.18 -7.84 | 17.56 1.24 -6.97 | 17.28 1.24 -6.72 | 16.66 1.28 -5.86 | 16.44 1.28 -5.69 | 15.35 1.03 -6.65 | 15.81 1.01 -7.39 | 17.31 1.03 -8.79 | 19.79 1.14 -10.02 | 20.50 1.21 -10.34 | 21.71 1.44 -9.57 | 21.30 1.60 -7.77 | 19.05 1.55 -5.64 | 16.29 1.30 -5.51 | 15.40 0.88 -8.15 |
| CALSPAN__DRP 24200 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.08 -1.00 | 6.04 -0.03 -1.35 | 6.60 -0.09 -1.63 | 9.23 -0.10 -1.34 | 10.06 -0.32 -1.48 | 10.08 -0.33 -1.33 | 10.07 -0.35 -1.07 | 10.05 -0.34 -1.06 | 10.03 -0.39 -0.90 | 9.95 -0.38 -0.86 | 8.48 -0.21 -1.03 | 8.34 -0.15 -1.09 | 8.55 -0.16 -1.22 | 9.66 -0.17 -1.20 | 10.19 -0.28 -1.52 | 11.83 -0.33 -1.45 | 12.78 -0.39 -1.24 | 11.89 -0.57 -0.60 | 10.00 -0.33 -0.85 | 7.44 -0.18 -1.26 |
| CANDIGU_WT_PWR 323617 | 6.21 -0.02 -1.89 | 5.78 -0.02 -1.64 | 5.70 -0.01 -1.56 | 5.68 0.00 -1.39 | 6.08 0.03 -1.36 | 6.62 0.07 -1.84 | 7.39 0.06 -2.28 | 9.96 0.10 -1.87 | 10.96 0.00 -2.07 | 10.91 -0.02 -1.85 | 10.82 -0.02 -1.49 | 10.78 -0.03 -1.48 | 10.73 -0.05 -1.25 | 10.63 -0.05 -1.20 | 9.09 0.00 -1.42 | 8.94 0.03 -1.51 | 9.21 0.03 -1.69 | 10.35 0.05 -1.66 | 11.06 0.00 -2.10 | 12.67 0.00 -1.96 | 13.60 0.00 -1.68 | 12.55 -0.12 -0.81 | 10.59 -0.04 -1.15 | 8.07 0.01 -1.70 |
| CARR STREET_E_SYR 24060 | 5.08 -0.01 -0.74 | 4.79 -0.02 -0.65 | 4.75 -0.01 -0.61 | 4.83 -0.01 -0.55 | 5.22 0.00 -0.54 | 5.46 0.02 -0.72 | 5.95 0.03 -0.87 | 8.78 0.09 -0.71 | 9.76 0.08 -0.79 | 9.85 0.07 -0.70 | 9.99 0.07 -0.57 | 9.95 0.07 -0.57 | 10.07 0.07 -0.48 | 10.00 0.07 -0.46 | 8.26 0.05 -0.54 | 8.04 0.06 -0.58 | 8.20 0.06 -0.65 | 9.35 0.08 -0.64 | 9.79 0.03 -0.81 | 11.52 0.04 -0.77 | 12.63 0.05 -0.66 | 12.20 0.02 -0.32 | 9.95 0.02 -0.45 | 7.05 0.01 -0.67 |
| CARTHAGE__PAPER 23857 | 4.49 -0.14 -0.29 | 4.26 -0.15 -0.25 | 4.23 -0.15 -0.24 | 4.35 -0.15 -0.21 | 4.75 -0.14 -0.21 | 4.88 -0.11 -0.28 | 5.32 -0.07 -0.34 | 8.16 -0.10 -0.28 | 9.12 -0.08 -0.30 | 9.19 -0.16 -0.27 | 9.39 -0.18 -0.22 | 9.40 -0.14 -0.22 | 9.53 -0.17 -0.19 | 9.49 -0.16 -0.18 | 7.75 -0.12 -0.21 | 7.48 -0.14 -0.22 | 7.61 -0.13 -0.25 | 8.70 -0.18 -0.25 | 9.03 -0.23 -0.31 | 10.72 -0.29 -0.30 | 11.85 -0.33 -0.26 | 11.88 -0.10 -0.12 | 9.50 -0.15 -0.18 | 6.50 -0.13 -0.26 |
| CE_DUNWOOD__DRP 24194 | 12.97 0.39 -8.24 | 11.69 0.36 -7.17 | 11.32 0.36 -6.82 | 10.72 0.37 -6.06 | 11.03 0.40 -5.95 | 13.17 0.43 -8.03 | 15.14 0.46 -9.63 | 16.60 0.73 -7.88 | 18.48 0.85 -8.73 | 17.79 0.89 -7.82 | 16.57 0.93 -6.30 | 16.50 0.92 -6.26 | 15.78 0.97 -5.29 | 15.51 0.96 -5.08 | 14.43 0.77 -5.99 | 14.52 0.76 -6.37 | 15.40 0.79 -7.12 | 16.52 0.86 -7.02 | 18.74 0.92 -8.87 | 20.34 1.09 -8.54 | 20.43 1.20 -7.30 | 16.57 1.17 -3.54 | 15.44 0.95 -5.01 | 14.42 0.65 -7.40 |
| CE_MILLWOOD__DRP 24193 | 12.93 0.37 -8.21 | 11.65 0.35 -7.15 | 11.29 0.34 -6.80 | 10.69 0.36 -6.04 | 11.00 0.39 -5.93 | 13.13 0.41 -8.00 | 15.10 0.46 -9.59 | 16.54 0.70 -7.85 | 18.42 0.83 -8.70 | 17.73 0.86 -7.79 | 16.52 0.90 -6.28 | 16.45 0.89 -6.24 | 15.72 0.93 -5.27 | 15.46 0.93 -5.06 | 14.38 0.74 -5.97 | 14.48 0.73 -6.34 | 15.34 0.76 -7.10 | 16.46 0.83 -6.99 | 18.68 0.90 -8.83 | 20.28 1.06 -8.51 | 20.37 1.17 -7.27 | 16.53 1.15 -3.53 | 15.39 0.91 -4.99 | 14.37 0.62 -7.37 |
| CE_NYC2_DRP 24202 | 13.05 0.45 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.79 0.42 -6.07 | 11.11 0.46 -5.97 | 13.25 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.53 0.89 -8.75 | 17.85 0.94 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.81 0.97 -8.89 | 20.42 1.15 -8.56 | 20.50 1.25 -7.32 | 16.66 1.26 -3.55 | 15.52 1.02 -5.02 | 14.54 0.75 -7.42 |
| CE_NYC_DRP 24195 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.83 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CHAFFEE___LFGE 323603 | 5.66 -0.13 -1.44 | 5.28 -0.12 -1.25 | 5.24 -0.10 -1.19 | 5.26 -0.08 -1.06 | 5.67 -0.05 -1.04 | 6.11 0.00 -1.40 | 6.70 -0.05 -1.69 | 9.35 -0.02 -1.39 | 10.20 -0.23 -1.54 | 10.22 -0.24 -1.38 | 10.20 -0.25 -1.11 | 10.19 -0.23 -1.10 | 10.14 -0.31 -0.93 | 10.08 -0.28 -0.89 | 8.59 -0.14 -1.06 | 8.45 -0.07 -1.13 | 8.66 -0.09 -1.26 | 9.78 -0.09 -1.24 | 10.32 -0.20 -1.57 | 11.97 -0.24 -1.50 | 12.92 -0.29 -1.28 | 12.00 -0.47 -0.62 | 10.10 -0.27 -0.88 | 7.52 -0.15 -1.30 |
| CHATEAUG_WT_PWR 323614 | 4.04 -0.30 0.00 | 3.89 -0.27 0.00 | 3.87 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.35 -0.36 0.00 | 4.67 -0.38 0.00 | 7.44 -0.55 0.00 | 8.35 -0.54 0.00 | 8.57 -0.51 0.00 | 8.80 -0.55 0.00 | 8.74 -0.58 0.00 | 8.94 -0.58 0.00 | 8.89 -0.58 0.00 | 7.14 -0.52 0.00 | 6.85 -0.55 0.00 | 6.91 -0.58 0.00 | 8.01 -0.63 0.00 | 8.34 -0.61 0.00 | 9.94 -0.77 0.00 | 11.05 -0.88 0.00 | 11.02 -0.83 0.00 | 8.80 -0.68 0.00 | 5.92 -0.45 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 4.04 -0.31 0.00 | 3.88 -0.27 0.00 | 3.87 -0.28 0.00 | 3.99 -0.30 0.00 | 4.32 -0.36 0.00 | 4.34 -0.37 0.00 | 4.66 -0.39 0.00 | 7.42 -0.57 0.00 | 8.34 -0.55 0.00 | 8.56 -0.52 0.00 | 8.78 -0.57 0.00 | 8.73 -0.59 0.00 | 8.93 -0.59 0.00 | 8.87 -0.60 0.00 | 7.13 -0.54 0.00 | 6.84 -0.56 0.00 | 6.89 -0.61 0.00 | 7.99 -0.65 0.00 | 8.33 -0.63 0.00 | 9.91 -0.79 0.00 | 11.02 -0.91 0.00 | 11.00 -0.85 0.00 | 8.78 -0.70 0.00 | 5.91 -0.46 0.00 |
| CHAUTAUQUA___LFGE 323629 | 5.60 -0.16 -1.42 | 5.23 -0.16 -1.23 | 5.18 -0.13 -1.17 | 5.21 -0.12 -1.04 | 5.61 -0.09 -1.02 | 6.05 -0.04 -1.38 | 6.64 -0.08 -1.67 | 9.29 -0.06 -1.37 | 10.13 -0.28 -1.51 | 10.15 -0.28 -1.35 | 10.13 -0.31 -1.09 | 10.11 -0.30 -1.08 | 10.07 -0.36 -0.92 | 10.00 -0.35 -0.88 | 8.59 -0.13 -1.06 | 8.46 -0.07 -1.13 | 8.68 -0.07 -1.26 | 9.81 -0.07 -1.24 | 10.36 -0.16 -1.57 | 12.02 -0.18 -1.50 | 13.00 -0.21 -1.28 | 12.07 -0.40 -0.62 | 10.16 -0.20 -0.88 | 7.58 -0.09 -1.30 |
| CH_MIDHUDSON___DRP 24192 | 13.55 0.39 -8.81 | 12.20 0.37 -7.67 | 11.80 0.36 -7.29 | 11.15 0.38 -6.48 | 11.46 0.41 -6.36 | 13.74 0.44 -8.59 | 15.83 0.48 -10.29 | 17.17 0.75 -8.43 | 19.11 0.88 -9.33 | 18.35 0.91 -8.36 | 17.03 0.94 -6.73 | 16.95 0.94 -6.69 | 16.14 0.96 -5.66 | 15.86 0.96 -5.44 | 14.84 0.77 -6.41 | 14.95 0.74 -6.81 | 15.89 0.78 -7.62 | 17.01 0.87 -7.50 | 19.37 0.94 -9.48 | 20.97 1.12 -9.14 | 20.98 1.24 -7.81 | 16.84 1.20 -3.78 | 15.79 0.95 -5.36 | 14.92 0.64 -7.91 |
| CH_MISC_IPPS 23765 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| CH_RES_BVR_FALLS 23983 | 3.78 -0.12 0.45 | 3.65 -0.12 0.39 | 3.66 -0.12 0.37 | 3.84 -0.12 0.33 | 4.22 -0.14 0.32 | 4.13 -0.15 0.43 | 4.38 -0.15 0.52 | 7.32 -0.24 0.43 | 8.17 -0.26 0.47 | 8.40 -0.25 0.42 | 8.76 -0.24 0.34 | 8.75 -0.23 0.34 | 8.99 -0.25 0.29 | 8.94 -0.26 0.27 | 7.13 -0.21 0.32 | 6.85 -0.21 0.34 | 6.90 -0.21 0.38 | 8.03 -0.22 0.38 | 8.26 -0.21 0.48 | 10.00 -0.25 0.46 | 11.26 -0.27 0.39 | 11.41 -0.25 0.19 | 9.00 -0.21 0.27 | 5.83 -0.14 0.40 |
| CH_RES_NIAGARA 23895 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| CH_RES_SYRACUSE 23985 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |
| CLINTON_WT_PWR 323605 | 4.04 -0.30 0.00 | 3.89 -0.27 0.00 | 3.87 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.35 -0.36 0.00 | 4.67 -0.38 0.00 | 7.44 -0.55 0.00 | 8.35 -0.54 0.00 | 8.57 -0.51 0.00 | 8.80 -0.55 0.00 | 8.74 -0.58 0.00 | 8.94 -0.58 0.00 | 8.89 -0.58 0.00 | 7.14 -0.52 0.00 | 6.85 -0.55 0.00 | 6.91 -0.58 0.00 | 8.01 -0.63 0.00 | 8.34 -0.61 0.00 | 9.94 -0.77 0.00 | 11.05 -0.88 0.00 | 11.02 -0.83 0.00 | 8.80 -0.68 0.00 | 5.92 -0.45 0.00 |
| CLINTON___LFGE 323618 | 4.04 -0.30 0.00 | 3.90 -0.26 0.00 | 3.88 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.36 -0.35 0.00 | 4.69 -0.37 0.00 | 7.45 -0.54 0.00 | 8.39 -0.51 0.00 | 8.62 -0.46 0.00 | 8.82 -0.52 0.00 | 8.76 -0.56 0.00 | 8.97 -0.55 0.00 | 8.92 -0.55 0.00 | 7.17 -0.50 0.00 | 6.86 -0.54 0.00 | 6.89 -0.60 0.00 | 8.01 -0.62 0.00 | 8.37 -0.58 0.00 | 9.95 -0.76 0.00 | 11.06 -0.87 0.00 | 11.04 -0.82 0.00 | 8.81 -0.67 0.00 | 5.93 -0.43 0.00 |
| COLONIE_LFGE___ 323577 | 16.11 0.28 -11.48 | 14.41 0.27 -9.99 | 13.91 0.27 -9.50 | 13.01 0.28 -8.44 | 13.28 0.31 -8.29 | 16.21 0.32 -11.18 | 18.80 0.34 -13.40 | 19.51 0.54 -10.98 | 21.65 0.61 -12.15 | 20.56 0.60 -10.89 | 18.74 0.62 -8.77 | 18.65 0.61 -8.72 | 17.54 0.66 -7.36 | 17.20 0.65 -7.08 | 16.54 0.54 -8.34 | 16.78 0.52 -8.87 | 17.93 0.52 -9.92 | 19.03 0.62 -9.77 | 21.91 0.61 -12.35 | 23.34 0.74 -11.90 | 22.93 0.83 -10.17 | 17.59 0.81 -4.93 | 17.11 0.65 -6.98 | 17.09 0.41 -10.31 |
| COPENHAGEN_WT_PWR 323753 | 4.59 -0.12 -0.37 | 4.35 -0.12 -0.32 | 4.32 -0.13 -0.31 | 4.43 -0.13 -0.27 | 4.85 -0.10 -0.27 | 5.00 -0.07 -0.36 | 5.45 -0.03 -0.43 | 8.30 -0.04 -0.35 | 9.26 -0.03 -0.39 | 9.32 -0.11 -0.35 | 9.52 -0.11 -0.28 | 9.52 -0.08 -0.28 | 9.64 -0.11 -0.24 | 9.60 -0.09 -0.23 | 7.86 -0.07 -0.27 | 7.60 -0.09 -0.29 | 7.73 -0.08 -0.32 | 8.83 -0.12 -0.31 | 9.18 -0.17 -0.40 | 10.87 -0.21 -0.38 | 12.02 -0.24 -0.33 | 12.00 -0.01 -0.16 | 9.62 -0.09 -0.22 | 6.62 -0.08 -0.33 |
| CORNELL____ 23752 | 6.33 0.08 -1.91 | 5.88 0.07 -1.66 | 5.79 0.07 -1.58 | 5.77 0.08 -1.40 | 6.16 0.11 -1.38 | 6.70 0.13 -1.86 | 7.45 0.15 -2.24 | 10.08 0.26 -1.84 | 11.19 0.26 -2.03 | 11.15 0.25 -1.82 | 11.07 0.25 -1.47 | 11.03 0.25 -1.46 | 10.99 0.24 -1.23 | 10.89 0.24 -1.19 | 9.26 0.20 -1.40 | 9.09 0.20 -1.48 | 9.36 0.21 -1.66 | 10.51 0.24 -1.64 | 11.24 0.22 -2.07 | 12.98 0.30 -1.98 | 13.95 0.33 -1.69 | 12.98 0.31 -0.82 | 10.88 0.24 -1.16 | 8.24 0.16 -1.71 |
| COXSACKIE___GT 23611 | 13.87 0.38 -9.15 | 12.47 0.35 -7.96 | 12.07 0.35 -7.57 | 11.38 0.36 -6.73 | 11.69 0.40 -6.61 | 14.05 0.43 -8.91 | 16.20 0.46 -10.68 | 17.48 0.74 -8.75 | 19.44 0.85 -9.69 | 18.63 0.87 -8.68 | 17.19 0.85 -6.99 | 17.12 0.85 -6.95 | 16.23 0.84 -5.87 | 15.93 0.82 -5.64 | 14.97 0.65 -6.65 | 15.09 0.62 -7.07 | 16.05 0.65 -7.90 | 17.23 0.81 -7.79 | 19.71 0.91 -9.84 | 21.27 1.08 -9.48 | 21.24 1.20 -8.10 | 16.91 1.13 -3.93 | 15.92 0.87 -5.56 | 15.15 0.57 -8.21 |

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|--------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| CPV_VALLEY___CC1 323721 | 11.86 0.30 -7.21 | 10.72 0.29 -6.28 | 10.39 0.28 -5.97 | 9.88 0.29 -5.30 | 10.21 0.32 -5.21 | 12.08 0.34 -7.03 | 13.85 0.37 -8.42 | 15.47 0.58 -6.90 | 17.22 0.68 -7.64 | 16.62 0.70 -6.84 | 15.59 0.73 -5.51 | 15.52 0.73 -5.48 | 14.90 0.75 -4.63 | 14.67 0.75 -4.45 | 13.51 0.61 -5.24 | 13.56 0.59 -5.57 | 14.34 0.61 -6.23 | 15.46 0.68 -6.14 | 17.44 0.72 -7.76 | 19.05 0.87 -7.48 | 19.27 0.95 -6.39 | 15.89 0.94 -3.10 | 14.62 0.75 -4.39 | 13.35 0.51 -6.48 |
| CPV_VALLEY___CC2 323722 | 11.86 0.30 -7.21 | 10.72 0.29 -6.28 | 10.39 0.28 -5.97 | 9.88 0.29 -5.30 | 10.21 0.32 -5.21 | 12.08 0.34 -7.03 | 13.85 0.37 -8.42 | 15.47 0.58 -6.90 | 17.22 0.68 -7.64 | 16.62 0.70 -6.84 | 15.59 0.73 -5.51 | 15.52 0.73 -5.48 | 14.90 0.75 -4.63 | 14.67 0.75 -4.45 | 13.51 0.61 -5.24 | 13.56 0.59 -5.57 | 14.34 0.61 -6.23 | 15.46 0.68 -6.14 | 17.44 0.72 -7.76 | 19.05 0.87 -7.48 | 19.27 0.95 -6.39 | 15.89 0.94 -3.10 | 14.62 0.75 -4.39 | 13.35 0.51 -6.48 |
| CRESCENT___HYD 24018 | 16.11 0.28 -11.48 | 14.41 0.27 -9.99 | 13.91 0.27 -9.50 | 13.01 0.28 -8.44 | 13.28 0.31 -8.29 | 16.21 0.32 -11.18 | 18.80 0.34 -13.40 | 19.51 0.54 -10.98 | 21.65 0.61 -12.15 | 20.56 0.60 -10.89 | 18.74 0.62 -8.77 | 18.65 0.61 -8.72 | 17.54 0.66 -7.36 | 17.20 0.65 -7.08 | 16.54 0.54 -8.34 | 16.78 0.52 -8.87 | 17.93 0.52 -9.92 | 19.03 0.62 -9.77 | 21.91 0.61 -12.35 | 23.34 0.74 -11.90 | 22.93 0.83 -10.17 | 17.59 0.81 -4.93 | 17.11 0.65 -6.98 | 17.09 0.41 -10.31 |
| CRICKET___VALLEY_CC1 323756 | 13.43 0.36 -8.72 | 12.09 0.35 -7.59 | 11.70 0.34 -7.22 | 11.06 0.36 -6.41 | 11.37 0.39 -6.30 | 13.61 0.41 -8.49 | 15.69 0.45 -10.18 | 17.03 0.70 -8.34 | 18.94 0.81 -9.23 | 18.18 0.83 -8.27 | 16.87 0.86 -6.66 | 16.80 0.86 -6.62 | 16.01 0.89 -5.59 | 15.74 0.89 -5.38 | 14.72 0.72 -6.34 | 14.84 0.70 -6.73 | 15.75 0.73 -7.53 | 16.87 0.81 -7.42 | 19.19 0.86 -9.38 | 20.76 1.02 -9.04 | 20.79 1.13 -7.72 | 16.70 1.10 -3.74 | 15.66 0.87 -5.30 | 14.79 0.59 -7.83 |
| CRICKET___VALLEY_CC2 323757 | 13.43 0.36 -8.72 | 12.09 0.35 -7.59 | 11.70 0.34 -7.22 | 11.06 0.36 -6.41 | 11.37 0.39 -6.30 | 13.61 0.41 -8.49 | 15.69 0.45 -10.18 | 17.03 0.70 -8.34 | 18.94 0.81 -9.23 | 18.18 0.83 -8.27 | 16.87 0.86 -6.66 | 16.80 0.86 -6.62 | 16.01 0.89 -5.59 | 15.74 0.89 -5.38 | 14.72 0.72 -6.34 | 14.84 0.70 -6.73 | 15.75 0.73 -7.53 | 16.87 0.81 -7.42 | 19.19 0.86 -9.38 | 20.76 1.02 -9.04 | 20.79 1.13 -7.72 | 16.70 1.10 -3.74 | 15.66 0.87 -5.30 | 14.79 0.59 -7.83 |
| CRICKET___VALLEY_CC3 323758 | 13.43 0.36 -8.72 | 12.09 0.35 -7.59 | 11.70 0.34 -7.22 | 11.06 0.36 -6.41 | 11.37 0.39 -6.30 | 13.61 0.41 -8.49 | 15.69 0.45 -10.18 | 17.03 0.70 -8.34 | 18.94 0.81 -9.23 | 18.18 0.83 -8.27 | 16.87 0.86 -6.66 | 16.80 0.86 -6.62 | 16.01 0.89 -5.59 | 15.74 0.89 -5.38 | 14.72 0.72 -6.34 | 14.84 0.70 -6.73 | 15.75 0.73 -7.53 | 16.87 0.81 -7.42 | 19.19 0.86 -9.38 | 20.76 1.02 -9.04 | 20.79 1.13 -7.72 | 16.70 1.10 -3.74 | 15.66 0.87 -5.30 | 14.79 0.59 -7.83 |
| CRUCIBLE_METL_DRP 24180 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |
| DANC___LFGE 323619 | 4.75 -0.08 -0.48 | 4.49 -0.09 -0.42 | 4.45 -0.09 -0.40 | 4.56 -0.09 -0.36 | 4.97 -0.06 -0.35 | 5.14 -0.04 -0.47 | 5.61 -0.01 -0.56 | 8.44 -0.01 -0.46 | 9.41 0.00 -0.51 | 9.48 -0.05 -0.46 | 9.66 -0.06 -0.37 | 9.65 -0.04 -0.37 | 9.76 -0.07 -0.31 | 9.72 -0.05 -0.30 | 7.98 -0.04 -0.35 | 7.72 -0.05 -0.37 | 7.87 -0.04 -0.42 | 8.99 -0.06 -0.41 | 9.37 -0.11 -0.52 | 11.06 -0.15 -0.50 | 12.20 -0.16 -0.43 | 12.05 -0.01 -0.21 | 9.72 -0.06 -0.29 | 6.74 -0.06 -0.43 |
| DANSKAMMER___1 23586 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| DANSKAMMER___2 23589 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| DANSKAMMER___3 23590 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| DANSKAMMER___4 23591 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| DANSKAMMER___DIESEL 23592 | 13.23 0.40 -8.48 | 11.92 0.37 -7.38 | 11.54 0.37 -7.02 | 10.91 0.39 -6.24 | 11.22 0.42 -6.13 | 13.42 0.45 -8.27 | 15.45 0.49 -9.91 | 16.87 0.77 -8.11 | 18.80 0.92 -8.98 | 18.06 0.94 -8.05 | 16.79 0.96 -6.48 | 16.72 0.96 -6.44 | 15.94 0.98 -5.44 | 15.68 0.98 -5.23 | 14.61 0.77 -6.17 | 14.71 0.76 -6.55 | 15.61 0.79 -7.33 | 16.76 0.90 -7.22 | 19.06 0.98 -9.13 | 20.67 1.17 -8.79 | 20.73 1.29 -7.52 | 16.74 1.24 -3.64 | 15.62 0.98 -5.16 | 14.64 0.66 -7.62 |
| DASHVILLE___HYD 23610 | 13.21 0.34 -8.52 | 11.89 0.32 -7.42 | 11.51 0.31 -7.05 | 10.88 0.33 -6.27 | 11.19 0.36 -6.15 | 13.39 0.38 -8.30 | 15.42 0.41 -9.95 | 16.78 0.65 -8.15 | 18.69 0.77 -9.03 | 17.96 0.80 -8.08 | 16.68 0.82 -6.51 | 16.61 0.82 -6.47 | 15.82 0.83 -5.47 | 15.55 0.82 -5.26 | 14.51 0.65 -6.20 | 14.62 0.64 -6.58 | 15.52 0.67 -7.36 | 16.65 0.76 -7.25 | 18.95 0.83 -9.17 | 20.53 0.98 -8.83 | 20.57 1.10 -7.55 | 16.57 1.05 -3.66 | 15.49 0.82 -5.18 | 14.58 0.56 -7.65 |
| DELAWARE___LFGE 323621 | 8.12 0.17 -3.61 | 7.45 0.15 -3.14 | 7.29 0.15 -2.99 | 7.11 0.16 -2.66 | 7.48 0.19 -2.61 | 8.44 0.21 -3.52 | 9.52 0.24 -4.22 | 11.82 0.38 -3.46 | 13.15 0.43 -3.83 | 12.93 0.42 -3.43 | 12.55 0.44 -2.76 | 12.50 0.44 -2.75 | 12.28 0.44 -2.32 | 12.15 0.45 -2.23 | 10.65 0.36 -2.63 | 10.55 0.36 -2.79 | 10.98 0.37 -3.12 | 12.12 0.41 -3.08 | 13.25 0.41 -3.89 | 14.94 0.49 -3.74 | 15.68 0.55 -3.20 | 13.97 0.57 -1.55 | 12.12 0.45 -2.19 | 9.91 0.30 -3.24 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| DOGLEVILLE___HYD 23807 | 4.21 0.08 0.22 | 4.04 0.07 0.19 | 4.04 0.07 0.18 | 4.21 0.08 0.16 | 4.61 0.09 0.16 | 4.60 0.10 0.21 | 4.91 0.12 0.26 | 7.96 0.18 0.21 | 8.87 0.20 0.23 | 9.06 0.19 0.21 | 9.39 0.21 0.17 | 9.37 0.21 0.17 | 9.59 0.21 0.14 | 9.54 0.21 0.14 | 7.68 0.18 0.16 | 7.40 0.17 0.17 | 7.48 0.18 0.19 | 8.66 0.21 0.19 | 8.93 0.21 0.24 | 10.76 0.28 0.23 | 12.06 0.32 0.20 | 12.09 0.33 0.09 | 9.60 0.26 0.13 | 6.34 0.17 0.20 |
| DUNKIRK___1 23563 | 5.60 -0.16 -1.41 | 5.23 -0.15 -1.23 | 5.19 -0.13 -1.17 | 5.21 -0.12 -1.04 | 5.61 -0.08 -1.02 | 6.05 -0.03 -1.38 | 6.64 -0.08 -1.66 | 9.29 -0.06 -1.36 | 10.13 -0.28 -1.51 | 10.15 -0.28 -1.35 | 10.13 -0.31 -1.09 | 10.10 -0.30 -1.08 | 10.07 -0.36 -0.91 | 10.00 -0.35 -0.88 | 8.59 -0.13 -1.06 | 8.46 -0.07 -1.12 | 8.67 -0.07 -1.26 | 9.81 -0.07 -1.24 | 10.36 -0.16 -1.57 | 12.01 -0.19 -1.50 | 12.99 -0.21 -1.28 | 12.06 -0.42 -0.62 | 10.15 -0.21 -0.88 | 7.57 -0.09 -1.30 |
| DUNKIRK___2 23564 | 5.60 -0.16 -1.41 | 5.23 -0.15 -1.23 | 5.19 -0.13 -1.17 | 5.21 -0.12 -1.04 | 5.61 -0.08 -1.02 | 6.05 -0.03 -1.38 | 6.64 -0.08 -1.66 | 9.29 -0.06 -1.36 | 10.13 -0.28 -1.51 | 10.15 -0.28 -1.35 | 10.13 -0.31 -1.09 | 10.10 -0.30 -1.08 | 10.07 -0.36 -0.91 | 10.00 -0.35 -0.88 | 8.59 -0.13 -1.06 | 8.46 -0.07 -1.12 | 8.67 -0.07 -1.26 | 9.81 -0.07 -1.24 | 10.36 -0.16 -1.57 | 12.01 -0.19 -1.50 | 12.99 -0.21 -1.28 | 12.06 -0.42 -0.62 | 10.15 -0.21 -0.88 | 7.57 -0.09 -1.30 |
| DUNKIRK___3 23565 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.20 -0.11 -1.03 | 5.61 -0.08 -1.01 | 6.04 -0.03 -1.36 | 6.62 -0.08 -1.64 | 9.25 -0.08 -1.35 | 10.09 -0.29 -1.49 | 10.11 -0.30 -1.33 | 10.11 -0.32 -1.08 | 10.08 -0.31 -1.07 | 10.05 -0.37 -0.90 | 9.98 -0.36 -0.87 | 8.56 -0.15 -1.05 | 8.42 -0.10 -1.12 | 8.64 -0.10 -1.25 | 9.76 -0.10 -1.23 | 10.31 -0.20 -1.56 | 11.96 -0.24 -1.49 | 12.93 -0.27 -1.27 | 12.02 -0.45 -0.62 | 10.11 -0.25 -0.87 | 7.54 -0.11 -1.29 |
| DUNKIRK___4 23566 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.20 -0.11 -1.03 | 5.61 -0.08 -1.01 | 6.04 -0.03 -1.36 | 6.62 -0.08 -1.64 | 9.25 -0.08 -1.35 | 10.09 -0.29 -1.49 | 10.11 -0.30 -1.33 | 10.11 -0.32 -1.08 | 10.08 -0.31 -1.07 | 10.05 -0.37 -0.90 | 9.98 -0.36 -0.87 | 8.56 -0.15 -1.05 | 8.42 -0.10 -1.12 | 8.64 -0.10 -1.25 | 9.76 -0.10 -1.23 | 10.31 -0.20 -1.56 | 11.96 -0.24 -1.49 | 12.93 -0.27 -1.27 | 12.02 -0.45 -0.62 | 10.11 -0.25 -0.87 | 7.54 -0.11 -1.29 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 13.00 0.40 -8.26 | 11.72 0.37 -7.19 | 11.35 0.36 -6.84 | 10.74 0.38 -6.07 | 11.06 0.41 -5.97 | 13.20 0.44 -8.05 | 15.18 0.48 -9.65 | 16.64 0.75 -7.90 | 18.51 0.87 -8.75 | 17.82 0.91 -7.84 | 16.61 0.95 -6.31 | 16.54 0.95 -6.27 | 15.82 1.00 -5.30 | 15.56 0.99 -5.09 | 14.47 0.80 -6.01 | 14.57 0.78 -6.38 | 15.45 0.82 -7.14 | 16.56 0.89 -7.03 | 18.79 0.95 -8.89 | 20.39 1.12 -8.56 | 20.50 1.25 -7.32 | 16.61 1.21 -3.55 | 15.47 0.97 -5.02 | 14.45 0.67 -7.42 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 12.86 0.36 -8.16 | 11.59 0.34 -7.10 | 11.23 0.33 -6.75 | 10.63 0.34 -6.00 | 10.95 0.37 -5.89 | 13.06 0.40 -7.95 | 15.02 0.44 -9.53 | 16.48 0.69 -7.80 | 18.35 0.82 -8.64 | 17.65 0.83 -7.74 | 16.45 0.87 -6.23 | 16.38 0.87 -6.20 | 15.65 0.89 -5.24 | 15.39 0.89 -5.03 | 14.30 0.70 -5.93 | 14.39 0.69 -6.30 | 15.26 0.72 -7.05 | 16.39 0.81 -6.95 | 18.61 0.88 -8.78 | 20.21 1.05 -8.46 | 20.31 1.16 -7.23 | 16.47 1.11 -3.50 | 15.32 0.88 -4.96 | 14.29 0.60 -7.32 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.51 -8.06 | 15.22 0.52 -9.65 | 16.60 0.72 -7.89 | 18.48 0.85 -8.74 | 17.80 0.89 -7.83 | 16.60 0.94 -6.30 | 16.53 0.94 -6.27 | 15.81 1.00 -5.29 | 15.55 0.99 -5.09 | 14.47 0.81 -6.00 | 14.57 0.79 -6.37 | 15.44 0.82 -7.13 | 16.53 0.87 -7.02 | 18.75 0.92 -8.88 | 20.35 1.09 -8.56 | 20.43 1.19 -7.31 | 16.62 1.22 -3.55 | 15.48 0.98 -5.02 | 14.58 0.78 -7.42 |
| EAST HAMPTON___GT 23717 | 13.47 0.86 -8.27 | 12.17 0.81 -7.20 | 11.79 0.79 -6.85 | 11.50 0.85 -6.36 | 11.56 0.90 -5.98 | 13.69 0.92 -8.06 | 15.58 0.87 -9.65 | 17.36 1.47 -7.90 | 19.45 1.81 -8.75 | 18.71 1.80 -7.83 | 17.93 1.92 -6.67 | 17.60 1.89 -6.39 | 16.93 1.97 -5.44 | 16.64 1.92 -5.25 | 15.39 1.56 -6.17 | 15.81 1.54 -6.87 | 17.49 1.60 -8.40 | 20.33 1.81 -9.88 | 21.10 1.94 -10.20 | 22.44 2.35 -9.39 | 22.24 2.59 -7.72 | 19.74 2.45 -5.43 | 16.71 2.08 -5.15 | 16.00 1.37 -8.26 |
| EAST RIVER___6 23660 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.76 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.00 | 14.62 0.84 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.49 0.71 -7.42 |
| EAST RIVER___7 23524 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.76 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.00 | 14.62 0.84 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.49 0.71 -7.42 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 12.97 0.39 -8.24 | 11.69 0.36 -7.17 | 11.32 0.36 -6.82 | 10.72 0.37 -6.06 | 11.03 0.40 -5.95 | 13.17 0.43 -8.03 | 15.14 0.46 -9.63 | 16.60 0.73 -7.88 | 18.48 0.85 -8.73 | 17.79 0.89 -7.82 | 16.57 0.93 -6.30 | 16.50 0.92 -6.26 | 15.78 0.97 -5.29 | 15.51 0.96 -5.08 | 14.43 0.77 -5.99 | 14.52 0.76 -6.37 | 15.40 0.79 -7.12 | 16.52 0.86 -7.02 | 18.74 0.92 -8.87 | 20.34 1.09 -8.54 | 20.43 1.20 -7.30 | 16.57 1.17 -3.54 | 15.44 0.95 -5.01 | 14.42 0.65 -7.40 |
| EAST_HAMPTON___DIESEL 23722 | 13.47 0.86 -8.27 | 12.17 0.81 -7.20 | 11.79 0.80 -6.85 | 11.50 0.85 -6.36 | 11.56 0.90 -5.98 | 13.69 0.92 -8.06 | 15.58 0.87 -9.65 | 17.36 1.47 -7.90 | 19.45 1.81 -8.75 | 18.71 1.80 -7.83 | 17.94 1.93 -6.67 | 17.60 1.89 -6.39 | 16.93 1.97 -5.44 | 16.64 1.92 -5.25 | 15.39 1.56 -6.17 | 15.81 1.54 -6.87 | 17.49 1.60 -8.40 | 20.33 1.81 -9.88 | 21.10 1.94 -10.20 | 22.44 2.35 -9.39 | 22.24 2.59 -7.72 | 19.74 2.45 -5.43 | 16.71 2.08 -5.15 | 16.00 1.37 -8.26 |
| EAST_RIVER___1 323558 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.83 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| EAST_RIVER___2 323559 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.76 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.00 | 14.62 0.84 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.49 0.71 -7.42 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST___DELAWARE_HYD 23607 | 12.19 0.33 -7.51 | 11.00 0.31 -6.54 | 10.66 0.30 -6.22 | 10.12 0.31 -5.52 | 10.45 0.34 -5.42 | 12.41 0.38 -7.32 | 14.24 0.41 -8.77 | 15.83 0.66 -7.18 | 17.72 0.87 -7.96 | 17.07 0.87 -7.13 | 15.98 0.89 -5.74 | 15.91 0.89 -5.71 | 15.23 0.89 -4.82 | 15.00 0.90 -4.63 | 13.84 0.71 -5.46 | 13.90 0.70 -5.80 | 14.72 0.73 -6.49 | 15.89 0.86 -6.39 | 17.96 0.93 -8.08 | 19.61 1.11 -7.79 | 19.83 1.25 -6.65 | 16.28 1.20 -3.22 | 14.98 0.93 -4.57 | 13.74 0.62 -6.74 |
| ELEC_TRO_TEK 24086 | 13.09 0.48 -8.26 | 11.81 0.46 -7.19 | 11.43 0.44 -6.84 | 10.99 0.48 -6.22 | 11.15 0.50 -5.97 | 13.28 0.52 -8.05 | 15.23 0.52 -9.65 | 16.75 0.85 -7.90 | 18.73 1.07 -8.77 | 18.02 1.09 -7.85 | 17.87 1.14 -7.38 | 17.64 1.14 -7.18 | 17.13 1.18 -6.43 | 16.94 1.17 -6.30 | 15.93 0.95 -7.32 | 16.44 0.93 -8.11 | 17.68 0.94 -9.25 | 19.83 1.03 -10.17 | 20.53 1.08 -10.50 | 21.81 1.28 -9.82 | 21.20 1.44 -7.83 | 19.15 1.40 -5.90 | 16.66 1.18 -6.01 | 15.10 0.81 -7.92 |
| ELLENBURG_WT_PWR 323604 | 4.04 -0.30 0.00 | 3.89 -0.27 0.00 | 3.87 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.35 -0.36 0.00 | 4.67 -0.38 0.00 | 7.44 -0.55 0.00 | 8.35 -0.54 0.00 | 8.57 -0.51 0.00 | 8.80 -0.55 0.00 | 8.74 -0.58 0.00 | 8.94 -0.58 0.00 | 8.89 -0.58 0.00 | 7.14 -0.52 0.00 | 6.85 -0.55 0.00 | 6.91 -0.58 0.00 | 8.01 -0.63 0.00 | 8.34 -0.61 0.00 | 9.94 -0.77 0.00 | 11.05 -0.88 0.00 | 11.02 -0.83 0.00 | 8.80 -0.68 0.00 | 5.92 -0.45 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 5.52 -0.18 -1.36 | 5.16 -0.17 -1.18 | 5.12 -0.15 -1.12 | 5.15 -0.14 -1.00 | 5.55 -0.11 -0.98 | 5.96 -0.07 -1.32 | 6.52 -0.13 -1.59 | 9.12 -0.18 -1.31 | 9.93 -0.41 -1.45 | 9.95 -0.42 -1.29 | 9.95 -0.44 -1.04 | 9.92 -0.44 -1.04 | 9.90 -0.50 -0.88 | 9.84 -0.47 -0.84 | 8.37 -0.29 -1.00 | 8.24 -0.22 -1.06 | 8.45 -0.23 -1.19 | 9.55 -0.26 -1.17 | 10.07 -0.37 -1.48 | 11.68 -0.45 -1.42 | 12.63 -0.51 -1.21 | 11.75 -0.69 -0.59 | 9.90 -0.42 -0.83 | 7.36 -0.24 -1.23 |
| EMPIRE_CC_1 323656 | 15.23 0.22 -10.67 | 13.66 0.22 -9.28 | 13.19 0.22 -8.83 | 12.37 0.24 -7.84 | 12.64 0.26 -7.70 | 15.36 0.25 -10.39 | 17.76 0.26 -12.45 | 18.58 0.40 -10.20 | 20.62 0.44 -11.29 | 19.64 0.44 -10.11 | 17.95 0.46 -8.15 | 17.88 0.46 -8.10 | 16.84 0.48 -6.84 | 16.53 0.48 -6.58 | 15.81 0.40 -7.75 | 16.03 0.39 -8.24 | 17.10 0.39 -9.21 | 18.16 0.45 -9.08 | 20.88 0.46 -11.47 | 22.31 0.55 -11.06 | 21.98 0.61 -9.45 | 17.03 0.59 -4.58 | 16.45 0.48 -6.48 | 16.27 0.32 -9.58 |
| EMPIRE_CC_2 323658 | 15.23 0.22 -10.67 | 13.66 0.22 -9.28 | 13.19 0.22 -8.83 | 12.37 0.24 -7.84 | 12.64 0.26 -7.70 | 15.36 0.25 -10.39 | 17.76 0.26 -12.45 | 18.58 0.40 -10.20 | 20.62 0.44 -11.29 | 19.64 0.44 -10.11 | 17.95 0.46 -8.15 | 17.88 0.46 -8.10 | 16.84 0.48 -6.84 | 16.53 0.48 -6.58 | 15.81 0.40 -7.75 | 16.03 0.39 -8.24 | 17.10 0.39 -9.21 | 18.16 0.45 -9.08 | 20.88 0.46 -11.47 | 22.31 0.55 -11.06 | 21.98 0.61 -9.45 | 17.03 0.59 -4.58 | 16.45 0.48 -6.48 | 16.27 0.32 -9.58 |
| ERIE_WT_PWR 323693 | 5.59 -0.14 -1.39 | 5.22 -0.14 -1.21 | 5.18 -0.11 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.07 -1.00 | 6.04 -0.02 -1.35 | 6.61 -0.08 -1.63 | 9.24 -0.09 -1.34 | 10.06 -0.31 -1.48 | 10.09 -0.32 -1.33 | 10.08 -0.34 -1.07 | 10.06 -0.33 -1.06 | 10.03 -0.39 -0.90 | 9.96 -0.37 -0.86 | 8.48 -0.21 -1.03 | 8.35 -0.14 -1.09 | 8.55 -0.16 -1.22 | 9.67 -0.16 -1.20 | 10.20 -0.27 -1.52 | 11.83 -0.33 -1.45 | 12.79 -0.38 -1.24 | 11.90 -0.56 -0.60 | 10.01 -0.32 -0.85 | 7.45 -0.18 -1.26 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 6.32 0.08 -1.90 | 5.88 0.07 -1.65 | 5.78 0.07 -1.57 | 5.76 0.08 -1.40 | 6.15 0.10 -1.37 | 6.69 0.13 -1.85 | 7.43 0.15 -2.23 | 10.06 0.25 -1.83 | 11.17 0.25 -2.02 | 11.13 0.24 -1.81 | 11.05 0.24 -1.46 | 11.01 0.24 -1.45 | 10.97 0.23 -1.23 | 10.87 0.23 -1.18 | 9.24 0.19 -1.39 | 9.07 0.19 -1.48 | 9.34 0.20 -1.65 | 10.50 0.23 -1.63 | 11.22 0.21 -2.06 | 12.96 0.29 -1.97 | 13.93 0.32 -1.68 | 12.97 0.30 -0.81 | 10.86 0.23 -1.15 | 8.23 0.16 -1.70 |
| E_CANADA_CAP_HY 24051 | 18.33 0.17 -13.82 | 16.32 0.13 -12.03 | 15.72 0.14 -11.44 | 14.60 0.15 -10.16 | 14.85 0.19 -9.98 | 18.36 0.19 -13.47 | 21.44 0.25 -16.14 | 21.62 0.42 -13.22 | 24.01 0.48 -14.64 | 22.63 0.44 -13.11 | 20.40 0.50 -10.56 | 20.29 0.48 -10.50 | 18.87 0.49 -8.87 | 18.49 0.50 -8.52 | 18.12 0.41 -10.05 | 18.45 0.38 -10.68 | 19.77 0.34 -11.94 | 20.86 0.46 -11.77 | 24.21 0.39 -14.87 | 25.52 0.48 -14.33 | 24.72 0.55 -12.24 | 18.39 0.60 -5.93 | 18.33 0.45 -8.40 | 19.05 0.27 -12.41 |
| E_CANADA_MHWK_HY 24050 | 4.21 0.08 0.22 | 4.04 0.07 0.19 | 4.04 0.07 0.18 | 4.21 0.08 0.16 | 4.61 0.09 0.16 | 4.60 0.10 0.21 | 4.91 0.12 0.26 | 7.96 0.18 0.21 | 8.87 0.20 0.23 | 9.06 0.19 0.21 | 9.39 0.21 0.17 | 9.37 0.21 0.17 | 9.59 0.21 0.14 | 9.54 0.21 0.14 | 7.68 0.18 0.16 | 7.40 0.17 0.19 | 7.48 0.18 0.19 | 8.66 0.21 0.19 | 8.93 0.21 0.24 | 10.76 0.28 0.23 | 12.06 0.32 0.20 | 12.09 0.33 0.09 | 9.60 0.26 0.13 | 6.34 0.17 0.20 |
| E_FISHKILL___LBMP 23776 | 13.14 0.36 -8.43 | 11.84 0.34 -7.34 | 11.46 0.34 -6.97 | 10.84 0.35 -6.20 | 11.15 0.38 -6.09 | 13.33 0.41 -8.21 | 15.34 0.44 -9.84 | 16.74 0.69 -8.06 | 18.63 0.81 -8.93 | 17.91 0.83 -7.99 | 16.66 0.87 -6.44 | 16.59 0.87 -6.40 | 15.83 0.90 -5.41 | 15.56 0.89 -5.20 | 14.51 0.72 -6.13 | 14.61 0.70 -6.51 | 15.51 0.73 -7.28 | 16.62 0.81 -7.17 | 18.88 0.86 -9.07 | 20.47 1.03 -8.74 | 20.53 1.13 -7.47 | 16.58 1.10 -3.62 | 15.49 0.88 -5.12 | 14.54 0.61 -7.57 |
| FAR ROCKAWAY___4 23548 | 13.15 0.54 -8.27 | 11.86 0.51 -7.20 | 11.48 0.50 -6.84 | 11.11 0.54 -6.28 | 11.22 0.57 -5.97 | 13.35 0.58 -8.05 | 15.29 0.59 -9.65 | 16.85 0.96 -7.91 | 18.89 1.20 -8.80 | 18.18 1.22 -7.88 | 18.96 1.27 -8.34 | 18.84 1.27 -8.25 | 18.59 1.32 -7.75 | 18.49 1.31 -7.71 | 17.58 1.06 -8.86 | 18.20 1.03 -9.77 | 19.39 1.05 -10.85 | 20.50 1.16 -10.71 | 21.22 1.23 -11.04 | 22.58 1.47 -10.40 | 21.62 1.63 -8.05 | 20.21 1.58 -6.78 | 17.97 1.33 -7.17 | 15.35 0.90 -8.08 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.78 0.41 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.58 0.93 -8.75 | 17.89 0.98 -7.84 | 16.69 1.03 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.85 1.01 -8.89 | 20.47 1.20 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.55 1.04 -5.02 | 14.51 0.73 -7.42 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 13.04 0.43 -8.26 | 11.75 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.41 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.58 0.93 -8.75 | 17.89 0.98 -7.84 | 16.69 1.03 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.85 1.01 -8.89 | 20.47 1.20 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.55 1.04 -5.02 | 14.51 0.73 -7.42 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |

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| FARRAGUT___LBMP 323566 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.68 0.79 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.89 1.07 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.45 1.18 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| FENNER___WINDPWR 24204 | 5.33 0.05 -0.93 | 5.01 0.05 -0.81 | 4.96 0.04 -0.77 | 5.03 0.05 -0.68 | 5.43 0.08 -0.67 | 5.72 0.10 -0.91 | 6.26 0.12 -1.09 | 9.09 0.21 -0.89 | 10.11 0.23 -0.99 | 10.16 0.20 -0.88 | 10.28 0.22 -0.72 | 10.25 0.21 -0.71 | 10.32 0.20 -0.60 | 10.25 0.21 -0.58 | 8.51 0.17 -0.68 | 8.29 0.16 -0.72 | 8.47 0.17 -0.81 | 9.62 0.19 -0.80 | 10.12 0.16 -1.01 | 11.87 0.20 -0.96 | 12.98 0.23 -0.82 | 12.51 0.26 -0.40 | 10.24 0.19 -0.57 | 7.32 0.12 -0.83 |
| FIBERTEK___ENERGY 23856 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |
| FITZPATRICK____ 23598 | 4.76 -0.10 -0.51 | 4.50 -0.10 -0.45 | 4.47 -0.10 -0.42 | 4.57 -0.10 -0.38 | 4.95 -0.10 -0.37 | 5.12 -0.08 -0.50 | 5.56 -0.09 -0.60 | 8.33 -0.14 -0.49 | 9.26 -0.18 -0.54 | 9.38 -0.18 -0.48 | 9.54 -0.20 -0.39 | 9.51 -0.20 -0.39 | 9.65 -0.20 -0.33 | 9.58 -0.20 -0.31 | 7.88 -0.15 -0.37 | 7.65 -0.15 -0.39 | 7.79 -0.14 -0.44 | 8.91 -0.16 -0.43 | 9.31 -0.19 -0.55 | 11.02 -0.21 -0.53 | 12.14 -0.24 -0.45 | 11.83 -0.25 -0.22 | 9.59 -0.20 -0.31 | 6.70 -0.13 -0.46 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 13.26 0.41 -8.50 | 11.94 0.38 -7.40 | 11.56 0.38 -7.04 | 10.93 0.39 -6.25 | 11.25 0.43 -6.14 | 13.45 0.46 -8.28 | 15.48 0.50 -9.93 | 16.90 0.78 -8.13 | 18.83 0.93 -9.01 | 18.10 0.95 -8.07 | 16.83 0.98 -6.50 | 16.76 0.98 -6.46 | 15.98 1.01 -5.46 | 15.71 0.99 -5.24 | 14.64 0.79 -6.18 | 14.73 0.76 -6.57 | 15.64 0.80 -7.35 | 16.79 0.91 -7.24 | 19.09 0.99 -9.15 | 20.71 1.19 -8.81 | 20.77 1.31 -7.53 | 16.77 1.27 -3.65 | 15.65 1.00 -5.17 | 14.67 0.67 -7.63 |
| FORT ORANGE____ 23900 | 15.45 0.26 -10.85 | 13.84 0.25 -9.44 | 13.37 0.25 -8.98 | 12.52 0.26 -7.98 | 12.80 0.29 -7.84 | 15.58 0.30 -10.57 | 18.01 0.29 -12.67 | 18.82 0.45 -10.38 | 20.85 0.47 -11.49 | 19.84 0.47 -10.29 | 18.12 0.49 -8.29 | 18.04 0.48 -8.24 | 16.98 0.50 -6.96 | 16.66 0.50 -6.69 | 15.97 0.42 -7.89 | 16.19 0.41 -8.38 | 17.27 0.40 -9.37 | 18.34 0.47 -9.23 | 21.11 0.48 -11.67 | 22.53 0.58 -11.25 | 22.18 0.64 -9.61 | 17.14 0.63 -4.66 | 16.63 0.55 -6.60 | 16.47 0.36 -9.74 |
| FORT_DRUM_COGEN 23780 | 4.53 -0.13 -0.32 | 4.30 -0.14 -0.28 | 4.27 -0.15 -0.27 | 4.39 -0.14 -0.24 | 4.80 -0.11 -0.23 | 4.94 -0.08 -0.32 | 5.39 -0.04 -0.38 | 8.23 -0.06 -0.31 | 9.20 -0.04 -0.34 | 9.26 -0.13 -0.31 | 9.46 -0.13 -0.25 | 9.46 -0.10 -0.25 | 9.59 -0.13 -0.21 | 9.56 -0.11 -0.20 | 7.82 -0.08 -0.24 | 7.55 -0.10 -0.25 | 7.67 -0.10 -0.28 | 8.77 -0.14 -0.28 | 9.10 -0.20 -0.35 | 10.80 -0.25 -0.34 | 11.94 -0.27 -0.29 | 11.97 -0.02 -0.14 | 9.57 -0.10 -0.20 | 6.56 -0.10 -0.29 |
| FPL_FAR_ROCK_GT1 24212 | 13.15 0.54 -8.27 | 11.86 0.51 -7.20 | 11.48 0.50 -6.84 | 11.11 0.54 -6.28 | 11.22 0.57 -5.97 | 13.35 0.58 -8.05 | 15.29 0.59 -9.65 | 16.85 0.96 -7.91 | 18.89 1.20 -8.80 | 18.18 1.22 -7.88 | 18.96 1.27 -8.34 | 18.84 1.27 -8.25 | 18.59 1.32 -7.75 | 18.49 1.31 -7.71 | 17.58 1.06 -8.86 | 18.20 1.03 -9.77 | 19.39 1.05 -10.85 | 20.50 1.16 -10.71 | 21.22 1.23 -11.04 | 22.58 1.47 -10.40 | 21.62 1.63 -8.05 | 20.21 1.58 -6.78 | 17.97 1.33 -7.17 | 15.35 0.90 -8.08 |
| FPL_FAR_ROCK_GT2 23815 | 13.15 0.54 -8.27 | 11.86 0.51 -7.20 | 11.48 0.50 -6.84 | 11.11 0.54 -6.28 | 11.22 0.57 -5.97 | 13.35 0.58 -8.05 | 15.29 0.59 -9.65 | 16.85 0.96 -7.91 | 18.89 1.20 -8.80 | 18.18 1.22 -7.88 | 18.96 1.27 -8.34 | 18.84 1.27 -8.25 | 18.59 1.32 -7.75 | 18.49 1.31 -7.71 | 17.58 1.06 -8.86 | 18.20 1.03 -9.77 | 19.39 1.05 -10.85 | 20.50 1.16 -10.71 | 21.22 1.23 -11.04 | 22.58 1.47 -10.40 | 21.62 1.63 -8.05 | 20.21 1.58 -6.78 | 17.97 1.33 -7.17 | 15.35 0.90 -8.08 |
| FRANKLIN_FALL_HYD 24054 | 4.01 -0.33 0.00 | 3.87 -0.29 0.00 | 3.86 -0.29 0.00 | 3.97 -0.32 0.00 | 4.29 -0.39 0.00 | 4.31 -0.40 0.00 | 4.64 -0.41 0.00 | 7.38 -0.61 0.00 | 8.31 -0.59 0.00 | 8.53 -0.54 0.00 | 8.73 -0.62 0.00 | 8.68 -0.64 0.00 | 8.88 -0.64 0.00 | 8.84 -0.63 0.00 | 7.11 -0.56 0.00 | 6.80 -0.60 0.00 | 6.84 -0.65 0.00 | 7.94 -0.69 0.00 | 8.30 -0.65 0.00 | 9.86 -0.85 0.00 | 10.96 -0.97 0.00 | 10.97 -0.89 0.00 | 8.74 -0.74 0.00 | 5.88 -0.49 0.00 |
| FREEPORT_EQUS_GT1 23764 | 13.14 0.53 -8.27 | 11.85 0.50 -7.20 | 11.47 0.48 -6.84 | 11.11 0.52 -6.29 | 11.20 0.55 -5.97 | 13.33 0.56 -8.05 | 15.26 0.56 -9.65 | 16.82 0.93 -7.90 | 18.81 1.16 -8.76 | 18.10 1.17 -7.85 | 17.86 1.22 -7.29 | 17.63 1.22 -7.09 | 17.10 1.28 -6.30 | 16.90 1.26 -6.17 | 15.86 1.02 -7.18 | 16.36 1.00 -7.96 | 17.78 1.02 -9.27 | 19.93 1.12 -10.18 | 20.65 1.20 -10.50 | 21.90 1.42 -9.76 | 21.35 1.59 -7.84 | 19.29 1.53 -5.91 | 16.67 1.29 -5.90 | 15.36 0.88 -8.11 |
| FREEPORT___CT2 23818 | 13.14 0.53 -8.27 | 11.85 0.50 -7.20 | 11.47 0.48 -6.84 | 11.11 0.52 -6.29 | 11.20 0.55 -5.97 | 13.33 0.56 -8.05 | 15.26 0.56 -9.65 | 16.82 0.93 -7.90 | 18.81 1.16 -8.76 | 18.10 1.17 -7.85 | 17.86 1.22 -7.29 | 17.63 1.22 -7.09 | 17.10 1.28 -6.30 | 16.90 1.26 -6.17 | 15.86 1.02 -7.18 | 16.36 1.00 -7.96 | 17.78 1.02 -9.27 | 19.93 1.12 -10.18 | 20.65 1.20 -10.50 | 21.90 1.42 -9.76 | 21.35 1.59 -7.84 | 19.29 1.53 -5.91 | 16.67 1.29 -5.90 | 15.36 0.88 -8.11 |
| FULTON COGEN____ 23766 | 5.12 0.09 -0.69 | 4.83 0.07 -0.60 | 4.79 0.07 -0.57 | 4.88 0.08 -0.51 | 5.30 0.12 -0.50 | 5.53 0.14 -0.67 | 6.04 0.18 -0.81 | 8.99 0.34 -0.66 | 10.01 0.38 -0.73 | 10.10 0.37 -0.65 | 10.26 0.38 -0.53 | 10.22 0.37 -0.53 | 10.32 0.35 -0.45 | 10.25 0.35 -0.43 | 8.45 0.28 -0.51 | 8.22 0.28 -0.54 | 8.37 0.28 -0.60 | 9.56 0.33 -0.59 | 9.98 0.28 -0.75 | 11.57 0.15 -0.71 | 12.72 0.18 -0.61 | 12.32 0.17 -0.29 | 10.01 0.11 -0.42 | 7.05 0.07 -0.62 |
| FULTON___LFGE 323630 | 17.93 0.41 -13.17 | 15.97 0.34 -11.47 | 15.41 0.36 -10.90 | 14.36 0.38 -9.69 | 14.64 0.45 -9.51 | 17.99 0.44 -12.84 | 20.98 0.55 -15.38 | 21.50 0.91 -12.60 | 23.84 1.00 -13.95 | 22.53 0.95 -12.50 | 20.47 1.06 -10.07 | 20.34 1.02 -10.00 | 19.00 1.03 -8.45 | 18.65 1.06 -8.12 | 18.10 0.86 -9.58 | 18.38 0.81 -10.18 | 19.67 0.79 -11.38 | 20.92 1.07 -11.21 | 24.09 0.97 -14.17 | 25.55 1.19 -13.66 | 24.95 1.35 -11.67 | 18.83 1.32 -5.66 | 18.50 1.00 -8.01 | 18.82 0.62 -11.83 |
| G.F.CEMENT___DRP 24184 | 16.44 0.33 -11.76 | 14.69 0.30 -10.24 | 14.18 0.30 -9.73 | 13.24 0.30 -8.65 | 13.51 0.34 -8.49 | 16.50 0.33 -11.46 | 19.18 0.40 -13.72 | 19.90 0.67 -11.24 | 22.11 0.77 -12.44 | 20.99 0.76 -11.15 | 19.14 0.81 -8.98 | 19.05 0.80 -8.92 | 17.93 0.87 -7.54 | 17.58 0.86 -7.25 | 16.90 0.70 -8.54 | 17.15 0.67 -9.08 | 18.30 0.66 -10.15 | 19.48 0.84 -10.00 | 22.37 0.78 -12.64 | 23.81 0.91 -12.19 | 23.37 1.03 -10.42 | 17.89 0.98 -5.05 | 17.40 0.77 -7.15 | 17.41 0.48 -10.56 |

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|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GARDENVILLE___LBMP 24039 | 5.56 -0.17 -1.38 | 5.20 -0.16 -1.20 | 5.15 -0.13 -1.14 | 5.18 -0.12 -1.02 | 5.58 -0.09 -1.00 | 6.01 -0.05 -1.34 | 6.57 -0.11 -1.63 | 9.18 -0.14 -1.33 | 10.00 -0.37 -1.47 | 10.03 -0.37 -1.32 | 10.02 -0.39 -1.06 | 9.99 -0.38 -1.06 | 9.97 -0.45 -0.89 | 9.90 -0.43 -0.86 | 8.43 -0.25 -1.02 | 8.30 -0.18 -1.09 | 8.51 -0.19 -1.22 | 9.62 -0.22 -1.20 | 10.14 -0.32 -1.51 | 11.77 -0.39 -1.45 | 12.71 -0.45 -1.24 | 11.84 -0.62 -0.60 | 9.96 -0.37 -0.85 | 7.41 -0.21 -1.25 |
| GENERAL___MILLS 23808 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.08 -1.00 | 6.04 -0.03 -1.35 | 6.60 -0.09 -1.63 | 9.23 -0.10 -1.34 | 10.06 -0.32 -1.48 | 10.08 -0.33 -1.33 | 10.07 -0.35 -1.07 | 10.05 -0.34 -1.06 | 10.03 -0.39 -0.90 | 9.95 -0.38 -0.86 | 8.48 -0.21 -1.03 | 8.34 -0.15 -1.09 | 8.55 -0.16 -1.22 | 9.66 -0.17 -1.20 | 10.19 -0.28 -1.52 | 11.83 -0.33 -1.45 | 12.78 -0.39 -1.24 | 11.89 -0.57 -0.60 | 10.00 -0.33 -0.85 | 7.44 -0.18 -1.26 |
| GE_PLASTICS___DRP 24183 | 15.47 0.23 -10.89 | 13.86 0.22 -9.48 | 13.38 0.22 -9.01 | 12.53 0.23 -8.01 | 12.80 0.26 -7.87 | 15.58 0.26 -10.61 | 18.03 0.26 -12.72 | 18.81 0.41 -10.42 | 20.85 0.43 -11.53 | 19.83 0.43 -10.33 | 18.12 0.45 -8.32 | 18.04 0.45 -8.27 | 16.96 0.46 -6.99 | 16.64 0.45 -6.72 | 15.96 0.38 -7.92 | 16.18 0.37 -8.41 | 17.28 0.37 -9.41 | 18.34 0.43 -9.27 | 21.11 0.44 -11.71 | 22.52 0.52 -11.29 | 22.16 0.58 -9.65 | 17.10 0.57 -4.68 | 16.59 0.48 -6.62 | 16.46 0.32 -9.78 |
| GILBOA___1 23756 | 12.85 0.22 -8.28 | 11.57 0.20 -7.21 | 11.20 0.20 -6.85 | 10.60 0.21 -6.09 | 10.90 0.24 -5.98 | 13.03 0.25 -8.07 | 15.00 0.27 -9.67 | 16.33 0.42 -7.92 | 18.14 0.47 -8.77 | 17.42 0.48 -7.86 | 16.18 0.50 -6.33 | 16.11 0.50 -6.29 | 15.34 0.50 -5.32 | 15.08 0.50 -5.11 | 14.10 0.41 -6.02 | 14.20 0.40 -6.40 | 15.06 0.41 -7.16 | 16.15 0.47 -7.05 | 18.35 0.48 -8.91 | 19.87 0.58 -8.59 | 19.91 0.64 -7.34 | 16.04 0.63 -3.56 | 15.02 0.50 -5.04 | 14.15 0.34 -7.44 |
| GILBOA___2 23757 | 12.85 0.22 -8.28 | 11.57 0.20 -7.21 | 11.20 0.20 -6.85 | 10.60 0.21 -6.09 | 10.90 0.24 -5.98 | 13.03 0.25 -8.07 | 15.00 0.27 -9.67 | 16.33 0.42 -7.92 | 18.14 0.47 -8.77 | 17.42 0.48 -7.86 | 16.18 0.50 -6.33 | 16.11 0.50 -6.29 | 15.34 0.50 -5.32 | 15.08 0.50 -5.11 | 14.10 0.41 -6.02 | 14.20 0.40 -6.40 | 15.06 0.41 -7.16 | 16.15 0.47 -7.05 | 18.35 0.48 -8.91 | 19.87 0.58 -8.59 | 19.91 0.64 -7.34 | 16.04 0.63 -3.56 | 15.02 0.50 -5.04 | 14.15 0.34 -7.44 |
| GILBOA___3 23758 | 12.85 0.22 -8.28 | 11.57 0.20 -7.21 | 11.20 0.20 -6.85 | 10.60 0.21 -6.09 | 10.90 0.24 -5.98 | 13.03 0.25 -8.07 | 15.00 0.27 -9.67 | 16.33 0.42 -7.92 | 18.14 0.47 -8.77 | 17.42 0.48 -7.86 | 16.18 0.50 -6.33 | 16.11 0.50 -6.29 | 15.34 0.50 -5.32 | 15.08 0.50 -5.11 | 14.10 0.41 -6.02 | 14.20 0.40 -6.40 | 15.06 0.41 -7.16 | 16.15 0.47 -7.05 | 18.35 0.48 -8.91 | 19.87 0.58 -8.59 | 19.91 0.64 -7.34 | 16.04 0.63 -3.56 | 15.02 0.50 -5.04 | 14.15 0.34 -7.44 |
| GILBOA___4 23759 | 12.85 0.22 -8.28 | 11.57 0.20 -7.21 | 11.20 0.20 -6.85 | 10.60 0.21 -6.09 | 10.90 0.24 -5.98 | 13.03 0.25 -8.07 | 15.00 0.27 -9.67 | 16.33 0.42 -7.92 | 18.14 0.47 -8.77 | 17.42 0.48 -7.86 | 16.18 0.50 -6.33 | 16.11 0.50 -6.29 | 15.34 0.50 -5.32 | 15.08 0.50 -5.11 | 14.10 0.41 -6.02 | 14.20 0.40 -6.40 | 15.06 0.41 -7.16 | 16.15 0.47 -7.05 | 18.35 0.48 -8.91 | 19.87 0.58 -8.59 | 19.91 0.64 -7.34 | 16.04 0.63 -3.56 | 15.02 0.50 -5.04 | 14.15 0.34 -7.44 |
| GILBOA___ 23599 | 12.85 0.22 -8.28 | 11.57 0.20 -7.21 | 11.20 0.20 -6.85 | 10.60 0.21 -6.09 | 10.90 0.24 -5.98 | 13.03 0.25 -8.07 | 15.00 0.27 -9.67 | 16.33 0.42 -7.92 | 18.14 0.47 -8.77 | 17.42 0.48 -7.86 | 16.18 0.50 -6.33 | 16.11 0.50 -6.29 | 15.34 0.50 -5.32 | 15.08 0.50 -5.11 | 14.10 0.41 -6.02 | 14.20 0.40 -6.40 | 15.06 0.41 -7.16 | 16.15 0.47 -7.05 | 18.35 0.48 -8.91 | 19.87 0.58 -8.59 | 19.91 0.64 -7.34 | 16.04 0.63 -3.56 | 15.02 0.50 -5.04 | 14.15 0.34 -7.44 |
| GINNA___ 23603 | 5.28 -0.06 -0.99 | 4.96 -0.07 -0.87 | 4.91 -0.06 -0.82 | 4.97 -0.05 -0.73 | 5.36 -0.03 -0.72 | 5.68 0.00 -0.97 | 6.20 0.01 -1.14 | 8.94 0.02 -0.94 | 9.85 -0.08 -1.04 | 9.92 -0.08 -0.93 | 9.99 -0.10 -0.75 | 9.96 -0.10 -0.74 | 10.03 -0.11 -0.63 | 9.96 -0.11 -0.60 | 8.32 -0.06 -0.71 | 8.11 -0.04 -0.76 | 8.30 -0.04 -0.85 | 9.45 -0.02 -0.83 | 9.93 -0.07 -1.05 | 11.65 -0.09 -1.03 | 12.72 -0.10 -0.88 | 12.09 -0.19 -0.43 | 9.97 -0.11 -0.61 | 7.20 -0.06 -0.89 |
| GLEN PARK___ 23778 | 4.56 -0.13 -0.35 | 4.32 -0.14 -0.30 | 4.29 -0.15 -0.29 | 4.40 -0.14 -0.25 | 4.82 -0.11 -0.25 | 4.97 -0.08 -0.34 | 5.43 -0.03 -0.40 | 8.27 -0.05 -0.33 | 9.24 -0.02 -0.36 | 9.29 -0.12 -0.33 | 9.49 -0.12 -0.26 | 9.50 -0.08 -0.26 | 9.63 -0.11 -0.22 | 9.59 -0.09 -0.21 | 7.85 -0.07 -0.25 | 7.58 -0.09 -0.27 | 7.71 -0.08 -0.30 | 8.81 -0.12 -0.29 | 9.14 -0.18 -0.37 | 10.84 -0.23 -0.36 | 11.97 -0.26 -0.31 | 12.00 0.00 -0.15 | 9.61 -0.09 -0.21 | 6.59 -0.09 -0.31 |
| GLENWOOD_IC_1_G5 23712 | 13.07 0.47 -8.26 | 11.79 0.44 -7.19 | 11.41 0.43 -6.84 | 10.97 0.46 -6.22 | 11.14 0.49 -5.97 | 13.27 0.50 -8.05 | 15.22 0.52 -9.65 | 16.73 0.84 -7.90 | 18.68 1.03 -8.76 | 17.98 1.05 -7.84 | 17.53 1.11 -7.08 | 17.27 1.11 -6.84 | 16.69 1.16 -6.00 | 16.46 1.15 -5.85 | 15.42 0.93 -6.83 | 15.88 0.90 -7.58 | 17.21 0.93 -8.79 | 19.67 1.02 -10.02 | 20.37 1.08 -10.34 | 21.62 1.28 -9.63 | 21.13 1.43 -7.77 | 18.89 1.39 -5.64 | 16.26 1.14 -5.64 | 15.08 0.78 -7.94 |
| GLENWOOD_IC_2_G1 23688 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.85 0.43 -6.13 | 11.11 0.46 -5.97 | 13.24 0.48 -8.05 | 15.21 0.51 -9.65 | 16.70 0.81 -7.90 | 18.61 0.97 -8.75 | 17.91 1.00 -7.84 | 17.23 1.06 -6.83 | 16.94 1.05 -6.56 | 16.27 1.09 -5.66 | 16.04 1.09 -5.48 | 14.97 0.88 -6.43 | 15.41 0.86 -7.15 | 16.58 0.88 -8.21 | 19.43 0.97 -9.82 | 20.12 1.03 -10.14 | 21.40 1.22 -9.47 | 20.98 1.36 -7.69 | 18.49 1.32 -5.32 | 15.89 1.07 -5.34 | 14.80 0.74 -7.70 |
| GLENWOOD_IC_3_G1 23689 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.85 0.43 -6.13 | 11.11 0.46 -5.97 | 13.24 0.48 -8.05 | 15.21 0.51 -9.65 | 16.70 0.81 -7.90 | 18.61 0.97 -8.75 | 17.91 1.00 -7.84 | 17.23 1.06 -6.83 | 16.94 1.05 -6.56 | 16.27 1.09 -5.66 | 16.04 1.09 -5.48 | 14.97 0.88 -6.43 | 15.41 0.86 -7.15 | 16.58 0.88 -8.21 | 19.43 0.97 -9.82 | 20.12 1.03 -10.14 | 21.40 1.22 -9.47 | 20.98 1.36 -7.69 | 18.49 1.32 -5.32 | 15.89 1.07 -5.34 | 14.80 0.74 -7.70 |
| GLENWOOD___4 23550 | 13.07 0.47 -8.26 | 11.79 0.44 -7.19 | 11.41 0.43 -6.84 | 10.97 0.46 -6.22 | 11.14 0.49 -5.97 | 13.27 0.50 -8.05 | 15.22 0.52 -9.65 | 16.73 0.84 -7.90 | 18.68 1.03 -8.76 | 17.98 1.05 -7.84 | 17.53 1.11 -7.08 | 17.27 1.11 -6.84 | 16.69 1.16 -6.00 | 16.46 1.15 -5.85 | 15.42 0.93 -6.83 | 15.88 0.90 -7.58 | 17.21 0.93 -8.79 | 19.67 1.02 -10.02 | 20.37 1.08 -10.34 | 21.62 1.28 -9.63 | 21.13 1.43 -7.77 | 18.89 1.39 -5.64 | 16.26 1.14 -5.64 | 15.08 0.78 -7.94 |
| GLENWOOD___5 23614 | 13.07 0.47 -8.26 | 11.79 0.44 -7.19 | 11.41 0.43 -6.84 | 10.97 0.46 -6.22 | 11.14 0.49 -5.97 | 13.27 0.50 -8.05 | 15.22 0.52 -9.65 | 16.73 0.84 -7.90 | 18.68 1.03 -8.76 | 17.98 1.05 -7.84 | 17.53 1.11 -7.08 | 17.27 1.11 -6.84 | 16.69 1.16 -6.00 | 16.46 1.15 -5.85 | 15.42 0.93 -6.83 | 15.88 0.90 -7.58 | 17.21 0.93 -8.79 | 19.67 1.02 -10.02 | 20.37 1.08 -10.34 | 21.62 1.28 -9.63 | 21.13 1.43 -7.77 | 18.89 1.39 -5.64 | 16.26 1.14 -5.64 | 15.08 0.78 -7.94 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GLOBAL GREEN_PORT_GT1 23814 | 13.48 0.86 -8.27 | 12.17 0.81 -7.20 | 11.79 0.80 -6.85 | 11.50 0.86 -6.36 | 11.56 0.91 -5.98 | 13.70 0.93 -8.06 | 15.58 0.88 -9.65 | 17.37 1.49 -7.90 | 19.46 1.82 -8.75 | 18.73 1.82 -7.83 | 17.95 1.93 -6.67 | 17.61 1.90 -6.39 | 16.94 1.98 -5.44 | 16.65 1.93 -5.25 | 15.40 1.56 -6.17 | 15.82 1.55 -6.87 | 17.50 1.60 -8.40 | 20.33 1.81 -9.88 | 21.11 1.95 -10.20 | 22.45 2.36 -9.39 | 22.25 2.60 -7.72 | 19.75 2.47 -5.43 | 16.71 2.09 -5.15 | 16.01 1.38 -8.26 |
| GLOBE___DSASP 323697 | 5.34 -0.30 -1.29 | 4.99 -0.29 -1.12 | 4.96 -0.25 -1.07 | 4.98 -0.26 -0.95 | 5.37 -0.24 -0.93 | 5.77 -0.20 -1.26 | 6.27 -0.30 -1.51 | 8.73 -0.50 -1.24 | 9.48 -0.78 -1.37 | 9.51 -0.80 -1.23 | 9.50 -0.83 -0.99 | 9.48 -0.82 -0.98 | 9.47 -0.88 -0.83 | 9.41 -0.85 -0.80 | 8.00 -0.61 -0.95 | 7.88 -0.53 -1.00 | 8.07 -0.55 -1.12 | 9.13 -0.61 -1.11 | 9.60 -0.75 -1.40 | 11.14 -0.91 -1.35 | 12.04 -1.04 -1.15 | 11.25 -1.16 -0.56 | 9.47 -0.80 -0.79 | 7.04 -0.50 -1.17 |
| GOETHSLN___LBMP 323567 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.53 1.29 -7.32 | 16.67 1.27 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| GOODYEAR_LAKE_HYD 323669 | 6.93 0.17 -2.42 | 6.41 0.15 -2.10 | 6.29 0.15 -2.00 | 6.22 0.15 -1.78 | 6.62 0.20 -1.75 | 7.28 0.22 -2.35 | 8.14 0.26 -2.83 | 10.71 0.41 -2.32 | 11.93 0.47 -2.56 | 11.82 0.44 -2.30 | 11.67 0.48 -1.85 | 11.63 0.48 -1.84 | 11.55 0.48 -1.55 | 11.44 0.47 -1.49 | 9.81 0.39 -1.76 | 9.65 0.38 -1.87 | 9.97 0.39 -2.09 | 11.13 0.43 -2.06 | 11.99 0.43 -2.60 | 13.72 0.51 -2.50 | 14.63 0.56 -2.14 | 13.52 0.63 -1.04 | 11.42 0.46 -1.47 | 8.85 0.31 -2.17 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 7.17 0.08 -2.74 | 6.61 0.07 -2.39 | 6.49 0.07 -2.27 | 6.39 0.09 -2.02 | 6.77 0.11 -1.98 | 7.51 0.13 -2.67 | 8.41 0.14 -3.22 | 10.85 0.22 -2.64 | 12.03 0.21 -2.92 | 11.89 0.20 -2.61 | 11.67 0.22 -2.11 | 11.62 0.20 -2.09 | 11.49 0.20 -1.77 | 11.37 0.20 -1.70 | 9.83 0.17 -2.00 | 9.71 0.18 -2.13 | 10.06 0.19 -2.38 | 11.20 0.22 -2.34 | 12.11 0.20 -2.96 | 13.80 0.26 -2.84 | 14.64 0.29 -2.43 | 13.27 0.24 -1.18 | 11.35 0.20 -1.67 | 8.98 0.15 -2.46 |
| GOUDEY___7 23579 | 7.17 0.08 -2.74 | 6.62 0.07 -2.39 | 6.49 0.08 -2.27 | 6.40 0.09 -2.02 | 6.78 0.12 -1.98 | 7.52 0.14 -2.67 | 8.42 0.15 -3.22 | 10.85 0.23 -2.64 | 12.04 0.22 -2.92 | 11.90 0.21 -2.61 | 11.67 0.22 -2.11 | 11.63 0.21 -2.09 | 11.50 0.21 -1.77 | 11.38 0.21 -1.70 | 9.84 0.18 -2.00 | 9.71 0.19 -2.13 | 10.07 0.19 -2.38 | 11.20 0.22 -2.34 | 12.12 0.21 -2.96 | 13.80 0.26 -2.84 | 14.65 0.30 -2.43 | 13.28 0.25 -1.18 | 11.36 0.21 -1.67 | 8.98 0.15 -2.46 |
| GOUDEY___8 23580 | 7.17 0.08 -2.74 | 6.61 0.07 -2.39 | 6.49 0.07 -2.27 | 6.39 0.09 -2.02 | 6.77 0.11 -1.98 | 7.51 0.13 -2.67 | 8.41 0.14 -3.22 | 10.85 0.22 -2.64 | 12.03 0.21 -2.92 | 11.89 0.20 -2.61 | 11.67 0.22 -2.11 | 11.62 0.20 -2.09 | 11.49 0.20 -1.77 | 11.37 0.20 -1.70 | 9.83 0.17 -2.00 | 9.71 0.18 -2.13 | 10.06 0.19 -2.38 | 11.20 0.22 -2.34 | 12.11 0.20 -2.96 | 13.80 0.26 -2.84 | 14.64 0.29 -2.43 | 13.27 0.24 -1.18 | 11.35 0.20 -1.67 | 8.98 0.15 -2.46 |
| GOWANUS_GT1_1 24077 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_2 24078 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_3 24079 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_4 24080 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_5 24084 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_6 24111 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_7 24112 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT1_8 24113 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT3_8 24129 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_1 24130 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_2 24131 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_3 24132 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_4 24133 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_5 24134 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_6 24135 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_7 24136 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GOWANUS_GT4_8 24137 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GREENIDGE___3 23582 | 6.07 0.04 -1.69 | 5.65 0.03 -1.47 | 5.58 0.04 -1.40 | 5.58 0.05 -1.24 | 5.98 0.08 -1.22 | 6.48 0.12 -1.64 | 7.19 0.13 -2.01 | 9.86 0.22 -1.65 | 10.89 0.17 -1.83 | 10.88 0.16 -1.64 | 10.83 0.17 -1.32 | 10.78 0.15 -1.31 | 10.76 0.13 -1.11 | 10.67 0.13 -1.06 | 9.04 0.12 -1.25 | 8.87 0.14 -1.33 | 9.12 0.14 -1.49 | 10.29 0.19 -1.47 | 10.96 0.15 -1.86 | 12.67 0.21 -1.75 | 13.66 0.24 -1.49 | 12.72 0.14 -0.72 | 10.64 0.13 -1.03 | 7.98 0.10 -1.51 |
| GREENIDGE___4 23583 | 6.07 0.04 -1.69 | 5.65 0.03 -1.47 | 5.58 0.04 -1.40 | 5.58 0.05 -1.24 | 5.98 0.08 -1.22 | 6.48 0.12 -1.64 | 7.19 0.13 -2.01 | 9.86 0.22 -1.65 | 10.89 0.17 -1.83 | 10.88 0.16 -1.64 | 10.83 0.17 -1.32 | 10.78 0.15 -1.31 | 10.76 0.13 -1.11 | 10.67 0.13 -1.06 | 9.04 0.12 -1.25 | 8.87 0.14 -1.33 | 9.12 0.14 -1.49 | 10.29 0.19 -1.47 | 10.96 0.15 -1.86 | 12.67 0.21 -1.75 | 13.66 0.24 -1.49 | 12.72 0.14 -0.72 | 10.64 0.13 -1.03 | 7.98 0.10 -1.51 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| GROVEVILLE___HYD 323602 | 13.26 0.41 -8.50 | 11.94 0.38 -7.40 | 11.56 0.38 -7.04 | 10.93 0.39 -6.25 | 11.25 0.43 -6.14 | 13.45 0.46 -8.28 | 15.48 0.50 -9.93 | 16.90 0.78 -8.13 | 18.83 0.93 -9.01 | 18.10 0.95 -8.07 | 16.83 0.98 -6.50 | 16.76 0.98 -6.46 | 15.98 1.01 -5.46 | 15.71 0.99 -5.24 | 14.64 0.79 -6.18 | 14.73 0.76 -6.57 | 15.64 0.80 -7.35 | 16.79 0.91 -7.24 | 19.09 0.99 -9.15 | 20.71 1.19 -8.81 | 20.77 1.31 -7.53 | 16.77 1.27 -3.65 | 15.65 1.00 -5.17 | 14.67 0.67 -7.63 |
| HAMPSHIRE___PAPER_HYD 323593 | 4.08 -0.26 0.00 | 3.91 -0.25 0.00 | 3.89 -0.25 0.00 | 4.02 -0.27 0.00 | 4.37 -0.31 0.00 | 4.41 -0.30 0.00 | 4.76 -0.29 0.00 | 7.56 -0.42 0.00 | 8.47 -0.43 0.00 | 8.60 -0.48 0.00 | 8.84 -0.50 0.00 | 8.83 -0.49 0.00 | 9.01 -0.50 0.00 | 8.98 -0.49 0.00 | 7.26 -0.41 0.00 | 6.98 -0.42 0.00 | 7.06 -0.43 0.00 | 8.13 -0.51 0.00 | 8.42 -0.54 0.00 | 10.04 -0.66 0.00 | 11.18 -0.75 0.00 | 11.29 -0.57 0.00 | 8.97 -0.51 0.00 | 5.99 -0.38 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 4.15 0.03 0.22 | 3.99 0.02 0.19 | 3.98 0.02 0.18 | 4.15 0.02 0.16 | 4.55 0.03 0.16 | 4.54 0.04 0.21 | 4.85 0.05 0.26 | 7.86 0.08 0.21 | 8.75 0.09 0.23 | 8.94 0.07 0.21 | 9.26 0.08 0.17 | 9.25 0.09 0.17 | 9.47 0.10 0.14 | 9.42 0.09 0.14 | 7.58 0.08 0.16 | 7.31 0.07 0.17 | 7.38 0.08 0.19 | 8.54 0.10 0.19 | 8.82 0.11 0.24 | 10.63 0.15 0.23 | 11.91 0.18 0.20 | 11.95 0.19 0.09 | 9.49 0.14 0.13 | 6.25 0.08 0.20 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 12.48 0.36 -7.77 | 11.26 0.34 -6.76 | 10.91 0.33 -6.43 | 10.35 0.34 -5.71 | 10.67 0.38 -5.61 | 12.69 0.41 -7.57 | 14.57 0.44 -9.07 | 16.11 0.69 -7.43 | 17.94 0.82 -8.23 | 17.29 0.84 -7.37 | 16.16 0.88 -5.94 | 16.10 0.88 -5.90 | 15.41 0.90 -4.99 | 15.15 0.89 -4.79 | 14.03 0.71 -5.65 | 14.10 0.70 -6.00 | 14.93 0.73 -6.71 | 16.07 0.82 -6.61 | 18.20 0.89 -8.36 | 19.81 1.05 -8.05 | 19.98 1.17 -6.88 | 16.32 1.13 -3.34 | 15.10 0.89 -4.72 | 13.95 0.61 -6.98 |
| HARZA MOOSE___RIVER 24016 | 4.31 -0.04 0.00 | 4.12 -0.04 0.00 | 4.10 -0.05 0.00 | 4.25 -0.04 0.00 | 4.66 -0.02 0.00 | 4.71 0.00 0.00 | 5.08 0.03 0.00 | 8.04 0.06 0.00 | 8.97 0.08 0.00 | 9.11 0.03 0.00 | 9.38 0.03 0.00 | 9.37 0.05 0.00 | 9.55 0.03 0.00 | 9.51 0.04 0.00 | 7.69 0.03 0.00 | 7.42 0.02 0.00 | 7.52 0.03 0.00 | 8.64 0.01 0.00 | 8.93 -0.02 0.00 | 10.69 -0.02 0.00 | 11.89 -0.04 0.00 | 11.96 0.11 0.00 | 9.52 0.04 0.00 | 6.37 0.01 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 13.06 0.45 -8.26 | 11.77 0.42 -7.19 | 11.39 0.41 -6.84 | 10.80 0.43 -6.08 | 11.12 0.47 -5.97 | 13.26 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.52 0.88 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.80 0.96 -8.89 | 20.40 1.13 -8.56 | 20.49 1.24 -7.32 | 16.66 1.26 -3.55 | 15.51 1.00 -5.02 | 14.54 0.76 -7.42 |
| HEMPSTEAD____ 23647 | 13.09 0.48 -8.27 | 11.81 0.46 -7.19 | 11.43 0.44 -6.84 | 11.03 0.48 -6.27 | 11.16 0.51 -5.97 | 13.29 0.52 -8.05 | 15.23 0.53 -9.65 | 16.76 0.87 -7.90 | 18.74 1.08 -8.76 | 18.02 1.10 -7.85 | 17.64 1.15 -7.14 | 17.38 1.15 -6.92 | 16.81 1.20 -6.10 | 16.60 1.18 -5.94 | 15.56 0.96 -6.93 | 16.04 0.94 -7.69 | 17.43 0.96 -8.98 | 19.77 1.05 -10.08 | 20.47 1.12 -10.40 | 21.70 1.33 -9.67 | 21.20 1.48 -7.80 | 19.04 1.43 -5.75 | 16.39 1.19 -5.72 | 15.23 0.82 -8.04 |
| HICKLING___1 23621 | 6.58 0.07 -2.17 | 6.10 0.06 -1.89 | 6.01 0.07 -1.79 | 5.97 0.08 -1.59 | 6.37 0.12 -1.57 | 6.97 0.15 -2.11 | 7.78 0.16 -2.57 | 10.35 0.26 -2.11 | 11.42 0.20 -2.33 | 11.36 0.19 -2.09 | 11.23 0.20 -1.68 | 11.18 0.19 -1.67 | 11.11 0.18 -1.41 | 11.01 0.18 -1.36 | 9.42 0.15 -1.60 | 9.28 0.18 -1.70 | 9.57 0.18 -1.90 | 10.72 0.22 -1.87 | 11.51 0.19 -2.37 | 13.19 0.24 -2.25 | 14.12 0.27 -1.92 | 12.95 0.17 -0.93 | 10.97 0.17 -1.32 | 8.45 0.14 -1.95 |
| HICKLING___2 23622 | 6.58 0.07 -2.17 | 6.10 0.06 -1.89 | 6.01 0.07 -1.79 | 5.97 0.08 -1.59 | 6.37 0.12 -1.57 | 6.97 0.15 -2.11 | 7.78 0.16 -2.57 | 10.35 0.26 -2.11 | 11.42 0.20 -2.33 | 11.36 0.19 -2.09 | 11.23 0.20 -1.68 | 11.18 0.19 -1.67 | 11.11 0.18 -1.41 | 11.01 0.18 -1.36 | 9.42 0.15 -1.60 | 9.28 0.18 -1.70 | 9.57 0.18 -1.90 | 10.72 0.22 -1.87 | 11.51 0.19 -2.37 | 13.19 0.24 -2.25 | 14.12 0.27 -1.92 | 12.95 0.17 -0.93 | 10.97 0.17 -1.32 | 8.45 0.14 -1.95 |
| HIGH FALLS___HY 23754 | 12.95 0.36 -8.25 | 11.68 0.34 -7.18 | 11.30 0.33 -6.83 | 10.70 0.34 -6.07 | 11.01 0.37 -5.96 | 13.15 0.41 -8.04 | 15.14 0.45 -9.64 | 16.59 0.71 -7.89 | 18.50 0.86 -8.74 | 17.77 0.86 -7.83 | 16.55 0.90 -6.31 | 16.48 0.89 -6.27 | 15.72 0.90 -5.29 | 15.46 0.90 -5.09 | 14.38 0.72 -6.00 | 14.48 0.70 -6.37 | 15.36 0.74 -7.13 | 16.51 0.86 -7.02 | 18.77 0.94 -8.88 | 20.38 1.12 -8.55 | 20.47 1.23 -7.31 | 16.59 1.20 -3.54 | 15.43 0.93 -5.02 | 14.39 0.62 -7.41 |
| HILLBURN___GT 23639 | 12.58 0.36 -7.87 | 11.35 0.34 -6.85 | 11.00 0.34 -6.51 | 10.43 0.35 -5.79 | 10.74 0.38 -5.69 | 12.79 0.41 -7.67 | 14.69 0.44 -9.19 | 16.21 0.69 -7.53 | 18.05 0.82 -8.34 | 17.40 0.85 -7.47 | 16.25 0.89 -6.02 | 16.18 0.89 -5.98 | 15.49 0.92 -5.05 | 15.23 0.91 -4.86 | 14.12 0.74 -5.72 | 14.20 0.72 -6.08 | 15.04 0.74 -6.80 | 16.16 0.82 -6.70 | 18.31 0.89 -8.47 | 19.93 1.06 -8.16 | 20.07 1.17 -6.97 | 16.37 1.14 -3.38 | 15.17 0.90 -4.79 | 14.05 0.61 -7.07 |
| HISHELDN_WT_PWR 323625 | 5.70 -0.15 -1.50 | 5.32 -0.15 -1.31 | 5.26 -0.12 -1.24 | 5.28 -0.12 -1.11 | 5.67 -0.09 -1.09 | 6.13 -0.05 -1.46 | 6.75 -0.10 -1.79 | 9.33 -0.13 -1.47 | 10.19 -0.33 -1.63 | 10.19 -0.34 -1.46 | 10.16 -0.36 -1.17 | 10.13 -0.35 -1.17 | 10.10 -0.41 -0.99 | 10.03 -0.39 -0.95 | 8.54 -0.25 -1.12 | 8.41 -0.18 -1.19 | 8.64 -0.19 -1.33 | 9.74 -0.21 -1.31 | 10.31 -0.30 -1.66 | 11.91 -0.36 -1.57 | 12.85 -0.42 -1.34 | 11.94 -0.57 -0.65 | 10.06 -0.34 -0.92 | 7.54 -0.19 -1.36 |
| HOLTSVILLE_IC_1 23690 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |
| HOLTSVILLE_IC_10 23699 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.35 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.48 1.46 -6.68 | 17.14 1.43 -6.40 | 16.48 1.50 -5.45 | 16.20 1.48 -5.26 | 15.04 1.20 -6.18 | 15.47 1.18 -6.88 | 17.13 1.22 -8.41 | 19.89 1.36 -9.89 | 20.61 1.45 -10.21 | 21.82 1.72 -9.39 | 21.57 1.92 -7.72 | 19.14 1.85 -5.43 | 16.25 1.61 -5.15 | 15.71 1.09 -8.25 |
| HOLTSVILLE_IC_2 23691 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |
| HOLTSVILLE_IC_3 23692 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |
| HOLTSVILLE_IC_4 23693 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |
| HOLTSVILLE_IC_5 23694 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |

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| HOLTSVILLE_IC_6 23695 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.35 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.48 1.46 -6.68 | 17.14 1.43 -6.40 | 16.48 1.50 -5.45 | 16.20 1.48 -5.26 | 15.04 1.20 -6.18 | 15.47 1.18 -6.88 | 17.13 1.22 -8.41 | 19.89 1.36 -9.89 | 20.61 1.45 -10.21 | 21.82 1.72 -9.39 | 21.57 1.92 -7.72 | 19.14 1.85 -5.43 | 16.25 1.61 -5.15 | 15.71 1.09 -8.25 |
| HOLTSVILLE_IC_7 23696 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.35 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.48 1.46 -6.68 | 17.14 1.43 -6.40 | 16.48 1.50 -5.45 | 16.20 1.48 -5.26 | 15.04 1.20 -6.18 | 15.47 1.18 -6.88 | 17.13 1.22 -8.41 | 19.89 1.36 -9.89 | 20.61 1.45 -10.21 | 21.82 1.72 -9.39 | 21.57 1.92 -7.72 | 19.14 1.85 -5.43 | 16.25 1.61 -5.15 | 15.71 1.09 -8.25 |
| HOLTSVILLE_IC_8 23697 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.35 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.48 1.46 -6.68 | 17.14 1.43 -6.40 | 16.48 1.50 -5.45 | 16.20 1.48 -5.26 | 15.04 1.20 -6.18 | 15.47 1.18 -6.88 | 17.13 1.22 -8.41 | 19.89 1.36 -9.89 | 20.61 1.45 -10.21 | 21.82 1.72 -9.39 | 21.57 1.92 -7.72 | 19.14 1.85 -5.43 | 16.25 1.61 -5.15 | 15.71 1.09 -8.25 |
| HOLTSVILLE_IC_9 23698 | 13.29 0.67 -8.27 | 11.99 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.67 -6.35 | 11.37 0.71 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.48 1.46 -6.68 | 17.14 1.43 -6.40 | 16.48 1.50 -5.45 | 16.20 1.48 -5.26 | 15.04 1.20 -6.18 | 15.47 1.18 -6.88 | 17.13 1.22 -8.41 | 19.89 1.36 -9.89 | 20.61 1.45 -10.21 | 21.82 1.72 -9.39 | 21.57 1.92 -7.72 | 19.14 1.85 -5.43 | 16.25 1.61 -5.15 | 15.71 1.09 -8.25 |
| HOWARD_WT_PWR 323690 | 6.10 -0.03 -1.78 | 5.67 -0.04 -1.55 | 5.59 -0.02 -1.47 | 5.59 -0.01 -1.31 | 5.99 0.02 -1.29 | 6.51 0.07 -1.73 | 7.29 0.07 -2.17 | 9.90 0.14 -1.78 | 10.89 0.03 -1.97 | 10.84 0.00 -1.76 | 10.76 -0.01 -1.42 | 10.71 -0.02 -1.41 | 10.67 -0.05 -1.19 | 10.58 -0.04 -1.15 | 9.02 0.00 -1.35 | 8.88 0.04 -1.44 | 9.14 0.04 -1.61 | 10.29 0.07 -1.58 | 10.96 0.01 -2.00 | 12.57 0.02 -1.85 | 13.54 0.04 -1.58 | 12.52 -0.10 -0.76 | 10.54 -0.03 -1.08 | 7.98 0.01 -1.60 |
| HQ_GEN_CEDARS 23644 | 4.10 -0.25 0.00 | 3.94 -0.22 0.00 | 3.92 -0.22 0.00 | 4.05 -0.24 0.00 | 4.30 -0.38 0.00 | 4.31 -0.40 0.00 | 4.63 -0.42 0.00 | 7.43 -0.56 0.00 | 8.32 -0.58 0.00 | 8.51 -0.57 0.00 | 8.73 -0.62 0.00 | 8.70 -0.62 0.00 | 8.89 -0.63 0.00 | 8.85 -0.62 0.00 | 7.15 -0.51 0.00 | 6.88 -0.53 0.00 | 6.93 -0.56 0.00 | 8.01 -0.62 0.00 | 8.33 -0.62 0.00 | 9.94 -0.77 0.00 | 11.07 -0.86 0.00 | 11.07 -0.78 0.00 | 8.83 -0.65 0.00 | 5.86 -0.50 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 4.10 -0.25 0.00 | 3.94 -0.22 0.00 | 3.92 -0.22 0.00 | 4.05 -0.24 0.00 | 4.30 -0.38 0.00 | 4.31 -0.40 0.00 | 4.63 -0.42 0.00 | 7.43 -0.56 0.00 | 8.32 -0.58 0.00 | 8.51 -0.57 0.00 | 8.73 -0.62 0.00 | 8.70 -0.62 0.00 | 8.89 -0.63 0.00 | 8.85 -0.62 0.00 | 7.15 -0.51 0.00 | 6.88 -0.53 0.00 | 6.93 -0.56 0.00 | 8.01 -0.62 0.00 | 8.33 -0.62 0.00 | 9.94 -0.77 0.00 | 11.07 -0.86 0.00 | 11.07 -0.78 0.00 | 8.83 -0.65 0.00 | 5.86 -0.50 0.00 |
| HQ_GEN_IMPORT 323601 | 4.23 -0.12 0.00 | 4.05 -0.10 0.00 | 4.04 -0.11 0.00 | 4.17 -0.12 0.00 | 4.53 -0.15 0.00 | 4.55 -0.16 0.00 | 4.88 -0.18 0.00 | 7.71 -0.27 0.00 | 8.61 -0.28 0.00 | 8.80 -0.28 0.00 | 9.05 -0.30 0.00 | 9.02 -0.30 0.00 | 9.21 -0.31 0.00 | 9.17 -0.30 0.00 | 7.41 -0.25 0.00 | 7.15 -0.25 0.00 | 7.22 -0.27 0.00 | 8.33 -0.30 0.00 | 8.66 -0.30 0.00 | 10.34 -0.36 0.00 | 11.52 -0.41 0.00 | 11.48 -0.38 0.00 | 9.17 -0.31 0.00 | 6.15 -0.22 0.00 |
| HQ_GEN_WHEEL 23651 | 4.23 -0.12 0.00 | 4.05 -0.10 0.00 | 4.04 -0.11 0.00 | 4.17 -0.12 0.00 | 4.53 -0.15 0.00 | 4.55 -0.16 0.00 | 4.88 -0.18 0.00 | 7.71 -0.27 0.00 | 8.61 -0.28 0.00 | 8.80 -0.28 0.00 | 9.05 -0.30 0.00 | 9.02 -0.30 0.00 | 9.21 -0.31 0.00 | 9.17 -0.30 0.00 | 7.41 -0.25 0.00 | 7.15 -0.25 0.00 | 7.22 -0.27 0.00 | 8.33 -0.30 0.00 | 8.66 -0.30 0.00 | 10.34 -0.36 0.00 | 11.52 -0.41 0.00 | 11.48 -0.38 0.00 | 9.17 -0.31 0.00 | 6.15 -0.22 0.00 |
| HUDSON_AVE_GT_3 23810 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.78 0.41 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.58 0.93 -8.75 | 17.89 0.98 -7.84 | 16.69 1.03 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.85 1.01 -8.89 | 20.47 1.20 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.55 1.04 -5.02 | 14.51 0.73 -7.42 |
| HUDSON_AVE_GT_4 23540 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.78 0.41 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.58 0.93 -8.75 | 17.89 0.98 -7.84 | 16.69 1.03 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.85 1.01 -8.89 | 20.47 1.20 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.55 1.04 -5.02 | 14.51 0.73 -7.42 |
| HUDSON_AVE_GT_5 23657 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.78 0.41 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.58 0.93 -8.75 | 17.89 0.98 -7.84 | 16.69 1.03 -6.31 | 16.62 1.03 -6.27 | 15.90 1.08 -5.30 | 15.63 1.07 -5.09 | 14.53 0.87 -6.00 | 14.63 0.85 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.85 1.01 -8.89 | 20.47 1.20 -8.56 | 20.56 1.31 -7.32 | 16.69 1.29 -3.55 | 15.55 1.04 -5.02 | 14.51 0.73 -7.42 |
| HUDSON_AVE_10 24168 | 13.03 0.42 -8.26 | 11.74 0.39 -7.19 | 11.36 0.38 -6.84 | 10.76 0.40 -6.07 | 11.08 0.43 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.00 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.59 0.92 -7.03 | 18.82 0.98 -8.89 | 20.43 1.16 -8.56 | 20.52 1.28 -7.32 | 16.66 1.26 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| HUNTER_MOUNT___DRP 323613 | 13.87 0.38 -9.15 | 12.47 0.35 -7.96 | 12.07 0.35 -7.57 | 11.38 0.36 -6.73 | 11.69 0.40 -6.61 | 14.05 0.43 -8.91 | 16.20 0.46 -10.68 | 17.48 0.74 -8.75 | 19.44 0.85 -9.69 | 18.63 0.87 -8.68 | 17.19 0.85 -6.99 | 17.12 0.85 -6.95 | 16.23 0.84 -5.87 | 15.93 0.82 -5.64 | 14.97 0.65 -6.65 | 15.09 0.62 -7.07 | 16.05 0.65 -7.90 | 17.23 0.81 -7.79 | 19.71 0.91 -9.84 | 21.27 1.08 -9.48 | 21.24 1.20 -8.10 | 16.91 1.13 -3.93 | 15.92 0.87 -5.56 | 15.15 0.57 -8.21 |
| HUNTINGTON_RES_REC 323705 | 13.16 0.54 -8.27 | 11.87 0.52 -7.20 | 11.49 0.50 -6.84 | 11.20 0.55 -6.35 | 11.23 0.58 -5.97 | 13.35 0.58 -8.06 | 15.25 0.55 -9.65 | 16.81 0.93 -7.90 | 18.81 1.16 -8.75 | 18.07 1.16 -7.83 | 17.26 1.23 -6.68 | 16.93 1.21 -6.40 | 16.25 1.28 -5.45 | 15.99 1.26 -5.26 | 14.87 1.02 -6.18 | 15.29 1.01 -6.88 | 16.93 1.03 -8.41 | 19.65 1.13 -9.89 | 20.34 1.18 -10.21 | 21.49 1.39 -9.39 | 21.19 1.54 -7.72 | 18.82 1.53 -5.43 | 15.95 1.32 -5.15 | 15.52 0.90 -8.25 |

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|----------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUNTLEY___63 23557 | 5.46 -0.20 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.13 -0.95 | 5.91 -0.08 -1.28 | 6.43 -0.16 -1.53 | 9.02 -0.22 -1.26 | 9.82 -0.46 -1.39 | 9.85 -0.47 -1.25 | 9.87 -0.49 -1.00 | 9.84 -0.47 -1.00 | 9.83 -0.53 -0.84 | 9.77 -0.51 -0.81 | 8.30 -0.33 -0.96 | 8.16 -0.26 -1.02 | 8.35 -0.28 -1.14 | 9.45 -0.31 -1.13 | 9.95 -0.43 -1.42 | 11.55 -0.52 -1.37 | 12.49 -0.61 -1.17 | 11.66 -0.76 -0.57 | 9.80 -0.48 -0.80 | 7.25 -0.30 -1.18 |
| HUNTLEY___64 23558 | 5.46 -0.20 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.13 -0.95 | 5.91 -0.08 -1.28 | 6.43 -0.16 -1.53 | 9.02 -0.22 -1.26 | 9.82 -0.46 -1.39 | 9.85 -0.47 -1.25 | 9.87 -0.49 -1.00 | 9.84 -0.47 -1.00 | 9.83 -0.53 -0.84 | 9.77 -0.51 -0.81 | 8.30 -0.33 -0.96 | 8.16 -0.26 -1.02 | 8.35 -0.28 -1.14 | 9.45 -0.31 -1.13 | 9.95 -0.43 -1.42 | 11.55 -0.52 -1.37 | 12.49 -0.61 -1.17 | 11.66 -0.76 -0.57 | 9.80 -0.48 -0.80 | 7.25 -0.30 -1.18 |
| HUNTLEY___65 23559 | 5.46 -0.20 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.13 -0.95 | 5.91 -0.08 -1.28 | 6.43 -0.16 -1.53 | 9.02 -0.22 -1.26 | 9.82 -0.46 -1.39 | 9.85 -0.47 -1.25 | 9.87 -0.49 -1.00 | 9.84 -0.47 -1.00 | 9.83 -0.53 -0.84 | 9.77 -0.51 -0.81 | 8.30 -0.33 -0.96 | 8.16 -0.26 -1.02 | 8.35 -0.28 -1.14 | 9.45 -0.31 -1.13 | 9.95 -0.43 -1.42 | 11.55 -0.52 -1.37 | 12.49 -0.61 -1.17 | 11.66 -0.76 -0.57 | 9.80 -0.48 -0.80 | 7.25 -0.30 -1.18 |
| HUNTLEY___66 23560 | 5.46 -0.20 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.13 -0.95 | 5.91 -0.08 -1.28 | 6.43 -0.16 -1.53 | 9.02 -0.22 -1.26 | 9.82 -0.46 -1.39 | 9.85 -0.47 -1.25 | 9.87 -0.49 -1.00 | 9.84 -0.47 -1.00 | 9.83 -0.53 -0.84 | 9.77 -0.51 -0.81 | 8.30 -0.33 -0.96 | 8.16 -0.26 -1.02 | 8.35 -0.28 -1.14 | 9.45 -0.31 -1.13 | 9.95 -0.43 -1.42 | 11.55 -0.52 -1.37 | 12.49 -0.61 -1.17 | 11.66 -0.76 -0.57 | 9.80 -0.48 -0.80 | 7.25 -0.30 -1.18 |
| HUNTLEY___67 23561 | 5.47 -0.20 -1.33 | 5.12 -0.20 -1.16 | 5.08 -0.17 -1.10 | 5.11 -0.16 -0.98 | 5.50 -0.14 -0.96 | 5.91 -0.10 -1.30 | 6.46 -0.16 -1.56 | 9.02 -0.25 -1.28 | 9.81 -0.50 -1.42 | 9.84 -0.51 -1.27 | 9.83 -0.54 -1.02 | 9.81 -0.53 -1.02 | 9.79 -0.59 -0.86 | 9.73 -0.57 -0.83 | 8.28 -0.37 -0.98 | 8.14 -0.30 -1.04 | 8.35 -0.31 -1.17 | 9.44 -0.35 -1.15 | 9.95 -0.46 -1.45 | 11.54 -0.56 -1.39 | 12.49 -0.63 -1.19 | 11.62 -0.81 -0.58 | 9.79 -0.50 -0.82 | 7.28 -0.29 -1.20 |
| HUNTLEY___68 23562 | 5.47 -0.20 -1.33 | 5.12 -0.20 -1.16 | 5.08 -0.17 -1.10 | 5.11 -0.16 -0.98 | 5.50 -0.14 -0.96 | 5.91 -0.10 -1.30 | 6.46 -0.16 -1.56 | 9.02 -0.25 -1.28 | 9.81 -0.50 -1.42 | 9.84 -0.51 -1.27 | 9.83 -0.54 -1.02 | 9.81 -0.53 -1.02 | 9.79 -0.59 -0.86 | 9.73 -0.57 -0.83 | 8.28 -0.37 -0.98 | 8.14 -0.30 -1.04 | 8.35 -0.31 -1.17 | 9.44 -0.35 -1.15 | 9.95 -0.46 -1.45 | 11.54 -0.56 -1.39 | 12.49 -0.63 -1.19 | 11.62 -0.81 -0.58 | 9.79 -0.50 -0.82 | 7.28 -0.29 -1.20 |
| HYLAND___LFGE 323620 | 5.89 0.08 -1.47 | 5.49 0.05 -1.28 | 5.42 0.06 -1.21 | 5.45 0.08 -1.08 | 5.86 0.13 -1.06 | 6.32 0.18 -1.43 | 7.59 0.40 -2.14 | 10.43 0.69 -1.75 | 11.49 0.65 -1.94 | 11.46 0.64 -1.74 | 11.38 0.63 -1.40 | 11.28 0.57 -1.39 | 11.31 0.62 -1.18 | 11.22 0.62 -1.13 | 9.53 0.53 -1.34 | 9.37 0.55 -1.42 | 9.62 0.54 -1.59 | 10.86 0.66 -1.56 | 11.56 0.64 -1.98 | 12.61 0.38 -1.52 | 13.66 0.43 -1.30 | 12.77 0.28 -0.63 | 10.63 0.26 -0.89 | 7.86 0.17 -1.32 |
| INDECK___CORINTH 23802 | 16.44 0.31 -11.79 | 14.69 0.28 -10.26 | 14.18 0.28 -9.75 | 13.23 0.27 -8.67 | 13.50 0.31 -8.51 | 16.50 0.31 -11.48 | 19.17 0.35 -13.77 | 19.84 0.58 -11.28 | 22.05 0.68 -12.48 | 20.92 0.66 -11.18 | 19.07 0.71 -9.01 | 18.97 0.70 -8.95 | 17.85 0.76 -7.56 | 17.49 0.75 -7.27 | 16.84 0.61 -8.57 | 17.09 0.58 -9.11 | 18.25 0.57 -10.19 | 19.40 0.73 -10.04 | 22.31 0.67 -12.68 | 23.76 0.84 -12.22 | 23.32 0.95 -10.44 | 17.83 0.91 -5.06 | 17.36 0.71 -7.17 | 17.39 0.44 -10.58 |
| INDECK___ILION 23567 | 4.17 0.05 0.22 | 4.01 0.05 0.19 | 4.00 0.04 0.18 | 4.18 0.05 0.16 | 4.58 0.06 0.16 | 4.56 0.07 0.21 | 4.87 0.08 0.26 | 7.90 0.12 0.21 | 8.80 0.13 0.23 | 9.00 0.13 0.21 | 9.31 0.13 0.17 | 9.29 0.14 0.17 | 9.52 0.14 0.14 | 9.47 0.13 0.14 | 7.62 0.12 0.16 | 7.34 0.11 0.17 | 7.42 0.12 0.19 | 8.59 0.14 0.19 | 8.85 0.13 0.24 | 10.65 0.17 0.23 | 11.92 0.19 0.20 | 11.97 0.21 0.09 | 9.51 0.16 0.13 | 6.27 0.10 0.20 |
| INDECK___OLEAN 23982 | 5.91 0.01 -1.56 | 5.52 0.00 -1.36 | 5.46 0.03 -1.29 | 5.49 0.05 -1.15 | 5.90 0.10 -1.12 | 6.37 0.14 -1.52 | 7.01 0.12 -1.84 | 9.70 0.21 -1.51 | 10.61 0.04 -1.67 | 10.59 0.02 -1.50 | 10.59 0.04 -1.21 | 10.57 0.05 -1.20 | 10.52 -0.01 -1.01 | 10.44 0.00 -0.97 | 8.85 0.04 -1.15 | 8.71 0.09 -1.22 | 8.96 0.10 -1.37 | 10.09 0.11 -1.35 | 10.69 0.04 -1.70 | 12.38 0.05 -1.62 | 13.35 0.04 -1.38 | 12.37 -0.15 -0.67 | 10.41 -0.02 -0.95 | 7.81 0.04 -1.40 |
| INDECK___OSWEGO 23783 | 5.07 0.05 -0.68 | 4.78 0.03 -0.59 | 4.74 0.03 -0.56 | 4.83 0.04 -0.50 | 5.24 0.07 -0.49 | 5.46 0.09 -0.66 | 5.97 0.13 -0.79 | 8.87 0.24 -0.65 | 9.88 0.27 -0.72 | 9.97 0.25 -0.64 | 10.12 0.25 -0.52 | 10.09 0.25 -0.52 | 10.20 0.24 -0.44 | 10.14 0.25 -0.42 | 8.36 0.20 -0.50 | 8.12 0.19 -0.53 | 8.28 0.19 -0.59 | 9.44 0.22 -0.58 | 9.86 0.18 -0.73 | 11.56 0.15 -0.70 | 12.71 0.18 -0.60 | 12.32 0.18 -0.29 | 10.02 0.12 -0.41 | 7.05 0.08 -0.61 |
| INDECK___YERKES 23781 | 5.46 -0.19 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.12 -0.95 | 5.92 -0.07 -1.28 | 6.43 -0.16 -1.53 | 9.03 -0.22 -1.26 | 9.83 -0.45 -1.39 | 9.86 -0.46 -1.25 | 9.88 -0.48 -1.00 | 9.85 -0.47 -1.00 | 9.84 -0.52 -0.84 | 9.78 -0.50 -0.81 | 8.30 -0.32 -0.96 | 8.17 -0.25 -1.02 | 8.36 -0.27 -1.14 | 9.46 -0.30 -1.13 | 9.95 -0.42 -1.42 | 11.56 -0.51 -1.37 | 12.50 -0.60 -1.17 | 11.67 -0.75 -0.57 | 9.81 -0.47 -0.80 | 7.25 -0.30 -1.18 |
| INDIAN POINT_GT_1 24139 | 12.89 0.36 -8.18 | 11.62 0.34 -7.12 | 11.25 0.34 -6.77 | 10.65 0.35 -6.01 | 10.97 0.38 -5.91 | 13.08 0.40 -7.97 | 15.05 0.44 -9.55 | 16.50 0.69 -7.82 | 18.37 0.81 -8.66 | 17.68 0.84 -7.76 | 16.48 0.88 -6.25 | 16.41 0.88 -6.21 | 15.68 0.91 -5.25 | 15.42 0.91 -5.04 | 14.34 0.73 -5.95 | 14.43 0.71 -6.32 | 15.30 0.74 -7.07 | 16.42 0.82 -6.96 | 18.63 0.88 -8.80 | 20.24 1.05 -8.48 | 20.33 1.16 -7.25 | 16.49 1.13 -3.51 | 15.36 0.90 -4.97 | 14.33 0.62 -7.34 |
| INDIAN POINT_GT_2 23659 | 12.89 0.36 -8.18 | 11.62 0.34 -7.12 | 11.25 0.34 -6.77 | 10.65 0.35 -6.01 | 10.97 0.38 -5.91 | 13.08 0.40 -7.97 | 15.05 0.44 -9.55 | 16.50 0.69 -7.82 | 18.37 0.81 -8.66 | 17.68 0.84 -7.76 | 16.48 0.88 -6.25 | 16.41 0.88 -6.21 | 15.68 0.91 -5.25 | 15.42 0.91 -5.04 | 14.34 0.73 -5.95 | 14.43 0.71 -6.32 | 15.30 0.74 -7.07 | 16.42 0.82 -6.96 | 18.63 0.88 -8.80 | 20.24 1.05 -8.48 | 20.33 1.16 -7.25 | 16.49 1.13 -3.51 | 15.36 0.90 -4.97 | 14.33 0.62 -7.34 |
| INDIAN POINT_GT_3 24019 | 12.89 0.36 -8.18 | 11.62 0.34 -7.12 | 11.25 0.34 -6.77 | 10.65 0.35 -6.01 | 10.97 0.38 -5.91 | 13.08 0.40 -7.97 | 15.05 0.44 -9.55 | 16.50 0.69 -7.82 | 18.37 0.81 -8.66 | 17.68 0.84 -7.76 | 16.48 0.88 -6.25 | 16.41 0.88 -6.21 | 15.68 0.91 -5.25 | 15.42 0.91 -5.04 | 14.34 0.73 -5.95 | 14.43 0.71 -6.32 | 15.30 0.74 -7.07 | 16.42 0.82 -6.96 | 18.63 0.88 -8.80 | 20.24 1.05 -8.48 | 20.33 1.16 -7.25 | 16.49 1.13 -3.51 | 15.36 0.90 -4.97 | 14.33 0.62 -7.34 |

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|-------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| INDIAN POINT___2 23530 | 12.77 0.35 -8.08 | 11.52 0.33 -7.03 | 11.15 0.32 -6.68 | 10.57 0.34 -5.94 | 10.88 0.37 -5.83 | 12.97 0.39 -7.87 | 14.92 0.43 -9.43 | 16.38 0.67 -7.72 | 18.24 0.79 -8.55 | 17.56 0.82 -7.66 | 16.38 0.86 -6.17 | 16.31 0.86 -6.13 | 15.60 0.89 -5.18 | 15.33 0.88 -4.98 | 14.25 0.71 -5.87 | 14.34 0.70 -6.24 | 15.20 0.73 -6.98 | 16.30 0.79 -6.88 | 18.49 0.85 -8.69 | 20.10 1.02 -8.37 | 20.20 1.12 -7.15 | 16.41 1.09 -3.47 | 15.26 0.87 -4.91 | 14.22 0.60 -7.25 |
| INDIAN POINT___3 23531 | 12.88 0.35 -8.18 | 11.61 0.33 -7.12 | 11.24 0.32 -6.77 | 10.64 0.33 -6.02 | 10.95 0.37 -5.91 | 13.07 0.39 -7.97 | 15.03 0.42 -9.56 | 16.48 0.66 -7.83 | 18.33 0.77 -8.67 | 17.65 0.81 -7.76 | 16.44 0.84 -6.25 | 16.37 0.84 -6.21 | 15.65 0.88 -5.25 | 15.39 0.87 -5.05 | 14.31 0.70 -5.95 | 14.41 0.69 -6.32 | 15.27 0.71 -7.07 | 16.39 0.79 -6.97 | 18.60 0.84 -8.80 | 20.18 1.00 -8.48 | 20.27 1.10 -7.25 | 16.45 1.08 -3.51 | 15.31 0.85 -4.98 | 14.30 0.59 -7.35 |
| IP CORINTH___1 23988 | 16.44 0.31 -11.79 | 14.69 0.28 -10.26 | 14.18 0.28 -9.75 | 13.23 0.27 -8.67 | 13.50 0.31 -8.51 | 16.50 0.31 -11.48 | 19.17 0.35 -13.77 | 19.84 0.58 -11.28 | 22.05 0.68 -12.48 | 20.92 0.66 -11.18 | 19.07 0.71 -9.01 | 18.97 0.70 -8.95 | 17.85 0.76 -7.56 | 17.49 0.75 -7.27 | 16.84 0.61 -8.57 | 17.09 0.58 -9.11 | 18.25 0.57 -10.19 | 19.40 0.73 -10.04 | 22.31 0.67 -12.68 | 23.76 0.84 -12.22 | 23.32 0.95 -10.44 | 17.83 0.91 -5.06 | 17.36 0.71 -7.17 | 17.39 0.44 -10.58 |
| IP___TICONDEROGA 23804 | 16.55 0.44 -11.77 | 14.79 0.39 -10.24 | 14.28 0.39 -9.74 | 13.33 0.39 -8.65 | 13.62 0.44 -8.50 | 16.62 0.44 -11.47 | 19.32 0.53 -13.74 | 20.13 0.89 -11.25 | 22.39 1.04 -12.46 | 21.26 1.03 -11.16 | 19.45 1.11 -8.99 | 19.34 1.08 -8.94 | 18.24 1.17 -7.55 | 17.89 1.16 -7.26 | 17.15 0.93 -8.55 | 17.40 0.91 -9.09 | 18.55 0.89 -10.17 | 19.80 1.15 -10.01 | 22.66 1.06 -12.66 | 24.17 1.26 -12.20 | 23.79 1.43 -10.43 | 18.26 1.35 -5.05 | 17.66 1.02 -7.16 | 17.58 0.64 -10.57 |
| ISLIP_RES_REC 323679 | 13.31 0.69 -8.27 | 12.01 0.66 -7.20 | 11.64 0.64 -6.85 | 11.34 0.69 -6.35 | 11.39 0.73 -5.98 | 13.52 0.75 -8.06 | 15.40 0.70 -9.65 | 17.06 1.17 -7.90 | 19.09 1.45 -8.75 | 18.34 1.43 -7.83 | 17.55 1.52 -6.68 | 17.20 1.48 -6.40 | 16.55 1.57 -5.46 | 16.27 1.53 -5.27 | 15.10 1.24 -6.19 | 15.53 1.24 -6.89 | 17.18 1.27 -8.42 | 19.95 1.42 -9.89 | 20.67 1.51 -10.21 | 21.90 1.80 -9.39 | 21.66 2.00 -7.72 | 19.21 1.92 -5.44 | 16.30 1.66 -5.16 | 15.74 1.12 -8.25 |
| JARVIS____ 23743 | 4.14 0.02 0.22 | 3.98 0.02 0.19 | 3.98 0.02 0.18 | 4.15 0.02 0.16 | 4.55 0.03 0.16 | 4.53 0.03 0.21 | 4.83 0.04 0.26 | 7.83 0.06 0.21 | 8.72 0.06 0.23 | 8.92 0.05 0.21 | 9.24 0.06 0.17 | 9.22 0.07 0.17 | 9.45 0.07 0.14 | 9.40 0.07 0.14 | 7.56 0.05 0.16 | 7.28 0.05 0.17 | 7.36 0.06 0.19 | 8.51 0.06 0.19 | 8.78 0.06 0.24 | 10.55 0.08 0.23 | 11.82 0.08 0.20 | 11.85 0.09 0.09 | 9.41 0.07 0.13 | 6.21 0.04 0.20 |
| JENNISON___1 23625 | 7.44 0.15 -2.94 | 6.85 0.13 -2.56 | 6.71 0.13 -2.44 | 6.59 0.14 -2.16 | 7.00 0.20 -2.13 | 7.81 0.23 -2.87 | 8.78 0.28 -3.45 | 11.25 0.44 -2.82 | 12.50 0.48 -3.13 | 12.30 0.42 -2.80 | 12.04 0.44 -2.26 | 12.01 0.45 -2.24 | 11.84 0.43 -1.90 | 11.73 0.44 -1.82 | 10.17 0.36 -2.15 | 10.03 0.35 -2.28 | 10.40 0.36 -2.55 | 11.55 0.40 -2.51 | 12.50 0.38 -3.18 | 14.23 0.47 -3.05 | 15.05 0.51 -2.61 | 13.73 0.62 -1.26 | 11.73 0.46 -1.79 | 9.32 0.31 -2.64 |
| JENNISON___2 23626 | 7.44 0.15 -2.94 | 6.85 0.13 -2.56 | 6.71 0.13 -2.44 | 6.59 0.14 -2.16 | 7.00 0.20 -2.13 | 7.81 0.23 -2.87 | 8.78 0.28 -3.45 | 11.25 0.44 -2.82 | 12.50 0.48 -3.13 | 12.30 0.42 -2.80 | 12.04 0.44 -2.26 | 12.01 0.45 -2.24 | 11.84 0.43 -1.90 | 11.73 0.44 -1.82 | 10.17 0.36 -2.15 | 10.03 0.35 -2.28 | 10.40 0.36 -2.55 | 11.55 0.40 -2.51 | 12.50 0.38 -3.18 | 14.23 0.47 -3.05 | 15.05 0.51 -2.61 | 13.73 0.62 -1.26 | 11.73 0.46 -1.79 | 9.32 0.31 -2.64 |
| JERICHO_RISE_WT_PWR 323719 | 4.03 -0.31 0.00 | 3.87 -0.28 0.00 | 3.86 -0.28 0.00 | 3.99 -0.30 0.00 | 4.32 -0.36 0.00 | 4.33 -0.38 0.00 | 4.66 -0.39 0.00 | 7.41 -0.58 0.00 | 8.33 -0.56 0.00 | 8.54 -0.54 0.00 | 8.77 -0.58 0.00 | 8.72 -0.60 0.00 | 8.92 -0.60 0.00 | 8.85 -0.62 0.00 | 7.12 -0.54 0.00 | 6.83 -0.57 0.00 | 6.88 -0.61 0.00 | 7.98 -0.66 0.00 | 8.32 -0.64 0.00 | 9.90 -0.80 0.00 | 11.01 -0.92 0.00 | 10.99 -0.86 0.00 | 8.77 -0.71 0.00 | 5.90 -0.47 0.00 |
| KCE_NY_1 323755 | 16.40 0.31 -11.75 | 14.67 0.29 -10.22 | 14.16 0.29 -9.72 | 13.23 0.30 -8.64 | 13.50 0.34 -8.48 | 16.49 0.33 -11.44 | 19.14 0.37 -13.71 | 19.83 0.62 -11.23 | 22.02 0.68 -12.44 | 20.90 0.68 -11.14 | 19.04 0.72 -8.97 | 18.96 0.72 -8.92 | 17.82 0.76 -7.54 | 17.46 0.75 -7.24 | 16.82 0.61 -8.54 | 17.07 0.60 -9.07 | 18.23 0.59 -10.15 | 19.37 0.73 -10.00 | 22.28 0.70 -12.63 | 23.73 0.85 -12.18 | 23.29 0.95 -10.40 | 17.82 0.93 -5.04 | 17.35 0.73 -7.14 | 17.38 0.46 -10.55 |
| KEDC PORT_JEFF_GT2 24210 | 13.29 0.68 -8.27 | 12.00 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.68 -6.36 | 11.37 0.72 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.02 1.13 -7.90 | 19.04 1.40 -8.75 | 18.30 1.39 -7.83 | 17.50 1.48 -6.67 | 17.16 1.44 -6.39 | 16.49 1.52 -5.45 | 16.21 1.49 -5.25 | 15.05 1.21 -6.18 | 15.48 1.20 -6.88 | 17.13 1.23 -8.41 | 19.90 1.38 -9.89 | 20.63 1.47 -10.20 | 21.83 1.73 -9.39 | 21.58 1.93 -7.72 | 19.16 1.87 -5.43 | 16.25 1.62 -5.15 | 15.72 1.10 -8.26 |
| KEDC PORT_JEFF_GT3 24211 | 13.29 0.68 -8.27 | 12.00 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.68 -6.36 | 11.37 0.72 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.02 1.13 -7.90 | 19.04 1.40 -8.75 | 18.30 1.39 -7.83 | 17.50 1.48 -6.67 | 17.16 1.44 -6.39 | 16.49 1.52 -5.45 | 16.21 1.49 -5.25 | 15.05 1.21 -6.18 | 15.48 1.20 -6.88 | 17.13 1.23 -8.41 | 19.90 1.38 -9.89 | 20.63 1.47 -10.20 | 21.83 1.73 -9.39 | 21.58 1.93 -7.72 | 19.16 1.87 -5.43 | 16.25 1.62 -5.15 | 15.72 1.10 -8.26 |
| KEDC_GLWD_GT4 24219 | 13.07 0.47 -8.26 | 11.79 0.44 -7.19 | 11.41 0.43 -6.84 | 10.97 0.46 -6.22 | 11.14 0.49 -5.97 | 13.27 0.50 -8.05 | 15.22 0.52 -9.65 | 16.73 0.84 -7.90 | 18.68 1.03 -8.76 | 17.98 1.05 -7.84 | 17.53 1.11 -7.08 | 17.27 1.11 -6.84 | 16.69 1.16 -6.00 | 16.46 1.15 -5.85 | 15.42 0.93 -6.83 | 15.88 0.90 -7.58 | 17.21 0.93 -8.79 | 19.67 1.02 -10.02 | 20.37 1.08 -10.34 | 21.62 1.28 -9.63 | 21.13 1.43 -7.77 | 18.89 1.39 -5.64 | 16.26 1.14 -5.64 | 15.08 0.78 -7.94 |
| KEDC_GLWD_GT5 24220 | 13.07 0.47 -8.26 | 11.79 0.44 -7.19 | 11.41 0.43 -6.84 | 10.97 0.46 -6.22 | 11.14 0.49 -5.97 | 13.27 0.50 -8.05 | 15.22 0.52 -9.65 | 16.73 0.84 -7.90 | 18.68 1.03 -8.76 | 17.98 1.05 -7.84 | 17.53 1.11 -7.08 | 17.27 1.11 -6.84 | 16.69 1.16 -6.00 | 16.46 1.15 -5.85 | 15.42 0.93 -6.83 | 15.88 0.90 -7.58 | 17.21 0.93 -8.79 | 19.67 1.02 -10.02 | 20.37 1.08 -10.34 | 21.62 1.28 -9.63 | 21.13 1.43 -7.77 | 18.89 1.39 -5.64 | 16.26 1.14 -5.64 | 15.08 0.78 -7.94 |
| KENSICO____ 23655 | 12.97 0.39 -8.24 | 11.69 0.36 -7.17 | 11.32 0.36 -6.82 | 10.72 0.37 -6.06 | 11.03 0.40 -5.95 | 13.17 0.43 -8.03 | 15.14 0.46 -9.63 | 16.60 0.73 -7.88 | 18.48 0.85 -8.73 | 17.79 0.89 -7.82 | 16.57 0.93 -6.30 | 16.50 0.92 -6.26 | 15.78 0.97 -5.29 | 15.51 0.96 -5.08 | 14.43 0.77 -5.99 | 14.52 0.76 -6.37 | 15.40 0.79 -7.12 | 16.52 0.86 -7.02 | 18.74 0.92 -8.87 | 20.34 1.09 -8.54 | 20.43 1.20 -7.30 | 16.57 1.17 -3.54 | 15.44 0.95 -5.01 | 14.42 0.65 -7.40 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 12.56 0.36 -7.85 | 11.33 0.34 -6.83 | 10.97 0.33 -6.50 | 10.41 0.35 -5.77 | 10.73 0.38 -5.67 | 12.77 0.41 -7.65 | 14.68 0.46 -9.17 | 16.21 0.72 -7.51 | 18.09 0.88 -8.31 | 17.40 0.88 -7.45 | 16.26 0.92 -6.00 | 16.20 0.91 -5.96 | 15.47 0.91 -5.04 | 15.23 0.92 -4.84 | 14.11 0.74 -5.71 | 14.18 0.71 -6.06 | 15.02 0.75 -6.78 | 16.18 0.86 -6.68 | 18.36 0.96 -8.44 | 19.99 1.15 -8.14 | 20.13 1.25 -6.95 | 16.45 1.22 -3.37 | 15.19 0.94 -4.77 | 14.05 0.63 -7.05 |
| KIAC_JFK_GT1 23816 | 13.01 0.40 -8.26 | 11.72 0.38 -7.19 | 11.35 0.36 -6.84 | 10.75 0.38 -6.07 | 11.06 0.41 -5.97 | 13.21 0.45 -8.05 | 15.20 0.50 -9.65 | 16.66 0.77 -7.90 | 18.54 0.90 -8.75 | 17.86 0.94 -7.84 | 16.60 0.94 -6.31 | 16.53 0.94 -6.27 | 15.83 1.01 -5.30 | 15.57 1.00 -5.09 | 14.48 0.81 -6.00 | 14.59 0.81 -6.38 | 15.47 0.84 -7.14 | 16.56 0.89 -7.03 | 18.79 0.95 -8.89 | 20.38 1.11 -8.56 | 20.46 1.22 -7.32 | 16.61 1.21 -3.55 | 15.52 1.02 -5.02 | 14.48 0.70 -7.42 |
| KIAC_JFK_GT2 23817 | 13.01 0.40 -8.26 | 11.72 0.38 -7.19 | 11.35 0.36 -6.84 | 10.75 0.38 -6.07 | 11.06 0.41 -5.97 | 13.21 0.45 -8.05 | 15.20 0.50 -9.65 | 16.66 0.77 -7.90 | 18.54 0.90 -8.75 | 17.86 0.94 -7.84 | 16.60 0.94 -6.31 | 16.53 0.94 -6.27 | 15.83 1.01 -5.30 | 15.57 1.00 -5.09 | 14.48 0.81 -6.00 | 14.59 0.81 -6.38 | 15.47 0.84 -7.14 | 16.56 0.89 -7.03 | 18.79 0.95 -8.89 | 20.38 1.11 -8.56 | 20.46 1.22 -7.32 | 16.61 1.21 -3.55 | 15.52 1.02 -5.02 | 14.48 0.70 -7.42 |
| KINTIGH____ 23543 | 5.29 -0.18 -1.13 | 4.96 -0.18 -0.98 | 4.92 -0.16 -0.94 | 4.97 -0.15 -0.83 | 5.36 -0.14 -0.82 | 5.71 -0.10 -1.10 | 6.22 -0.15 -1.31 | 8.82 -0.24 -1.08 | 9.64 -0.44 -1.19 | 9.68 -0.46 -1.07 | 9.71 -0.50 -0.86 | 9.69 -0.49 -0.85 | 9.71 -0.53 -0.72 | 9.64 -0.52 -0.69 | 8.13 -0.35 -0.82 | 7.98 -0.30 -0.87 | 8.17 -0.30 -0.98 | 9.27 -0.33 -0.96 | 9.75 -0.42 -1.21 | 11.37 -0.51 -1.18 | 12.35 -0.58 -1.00 | 11.63 -0.71 -0.49 | 9.71 -0.46 -0.69 | 7.12 -0.27 -1.02 |
| LEDERLE____ 23769 | 12.67 0.37 -7.95 | 11.43 0.35 -6.92 | 11.07 0.34 -6.58 | 10.49 0.36 -5.85 | 10.81 0.39 -5.74 | 12.88 0.41 -7.75 | 14.80 0.46 -9.29 | 16.31 0.71 -7.61 | 18.15 0.84 -8.42 | 17.49 0.87 -7.55 | 16.33 0.91 -6.08 | 16.27 0.90 -6.04 | 15.57 0.94 -5.10 | 15.30 0.93 -4.91 | 14.20 0.75 -5.78 | 14.28 0.73 -6.14 | 15.13 0.76 -6.87 | 16.25 0.85 -6.77 | 18.41 0.90 -8.56 | 20.03 1.08 -8.25 | 20.17 1.19 -7.05 | 16.43 1.16 -3.41 | 15.24 0.92 -4.84 | 14.13 0.62 -7.14 |
| LINDEN COGEN____ 23786 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.90 1.08 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.44 1.17 -8.56 | 20.53 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |
| LIPA_MISC_IPP 23656 | 13.30 0.69 -8.27 | 12.01 0.65 -7.20 | 11.63 0.64 -6.85 | 11.33 0.69 -6.36 | 11.38 0.73 -5.98 | 13.51 0.74 -8.06 | 15.38 0.68 -9.65 | 17.01 1.13 -7.90 | 19.04 1.40 -8.75 | 18.28 1.37 -7.83 | 17.47 1.46 -6.67 | 17.13 1.43 -6.39 | 16.46 1.50 -5.44 | 16.19 1.48 -5.25 | 15.03 1.20 -6.17 | 15.46 1.18 -6.87 | 17.12 1.22 -8.40 | 19.88 1.36 -9.88 | 20.60 1.44 -10.20 | 21.81 1.71 -9.39 | 21.57 1.92 -7.72 | 19.13 1.85 -5.43 | 16.26 1.63 -5.15 | 15.73 1.10 -8.26 |
| LISF__SOLAR 323691 | 13.32 0.70 -8.27 | 12.03 0.67 -7.20 | 11.65 0.65 -6.85 | 11.35 0.70 -6.36 | 11.40 0.74 -5.98 | 13.53 0.76 -8.06 | 15.39 0.69 -9.65 | 17.04 1.15 -7.90 | 19.06 1.42 -8.75 | 18.31 1.40 -7.83 | 17.50 1.49 -6.67 | 17.16 1.45 -6.39 | 16.50 1.53 -5.44 | 16.21 1.50 -5.25 | 15.06 1.22 -6.17 | 15.48 1.21 -6.87 | 17.14 1.24 -8.40 | 19.90 1.38 -9.88 | 20.62 1.47 -10.20 | 21.85 1.76 -9.39 | 21.61 1.96 -7.72 | 19.17 1.89 -5.43 | 16.30 1.67 -5.15 | 15.75 1.13 -8.26 |
| LITTLE FALLS____HYD 24013 | 4.21 0.08 0.22 | 4.04 0.07 0.19 | 4.04 0.07 0.18 | 4.21 0.08 0.16 | 4.61 0.09 0.16 | 4.60 0.10 0.21 | 4.91 0.12 0.26 | 7.96 0.18 0.21 | 8.87 0.20 0.23 | 9.06 0.19 0.21 | 9.39 0.21 0.17 | 9.37 0.21 0.17 | 9.59 0.21 0.14 | 9.54 0.21 0.14 | 7.68 0.18 0.16 | 7.40 0.17 0.17 | 7.48 0.18 0.19 | 8.66 0.21 0.19 | 8.93 0.21 0.24 | 10.76 0.28 0.23 | 12.06 0.32 0.20 | 12.09 0.33 0.09 | 9.60 0.26 0.13 | 6.34 0.17 0.20 |
| LI_NEWBRDGE____DRP 323616 | 13.09 0.49 -8.26 | 11.81 0.47 -7.19 | 11.43 0.45 -6.84 | 11.13 0.49 -6.36 | 11.16 0.51 -5.97 | 13.29 0.53 -8.05 | 15.22 0.52 -9.65 | 16.74 0.85 -7.90 | 18.72 1.08 -8.74 | 18.00 1.09 -7.83 | 17.07 1.14 -6.58 | 16.75 1.14 -6.29 | 16.03 1.19 -5.32 | 15.76 1.17 -5.12 | 14.65 0.95 -6.03 | 15.06 0.93 -6.72 | 16.73 0.94 -8.29 | 19.52 1.04 -9.85 | 20.21 1.09 -10.16 | 21.32 1.30 -9.32 | 21.08 1.45 -7.69 | 18.63 1.41 -5.37 | 15.72 1.19 -5.04 | 15.46 0.82 -8.27 |
| LONG_LAKE_PHOENIX 24014 | 5.12 0.09 -0.69 | 4.83 0.07 -0.60 | 4.79 0.07 -0.57 | 4.88 0.08 -0.51 | 5.30 0.12 -0.50 | 5.53 0.14 -0.67 | 6.04 0.18 -0.81 | 8.99 0.34 -0.66 | 10.01 0.38 -0.73 | 10.10 0.37 -0.65 | 10.26 0.38 -0.53 | 10.22 0.37 -0.53 | 10.32 0.35 -0.45 | 10.25 0.35 -0.43 | 8.45 0.28 -0.51 | 8.22 0.28 -0.54 | 8.37 0.28 -0.60 | 9.56 0.33 -0.59 | 9.98 0.28 -0.75 | 11.57 0.15 -0.71 | 12.72 0.18 -0.61 | 12.32 0.17 -0.29 | 10.01 0.11 -0.42 | 7.05 0.07 -0.62 |
| LOVETT__3 23632 | 12.69 0.35 -7.99 | 11.45 0.33 -6.96 | 11.08 0.32 -6.61 | 10.51 0.34 -5.88 | 10.82 0.37 -5.77 | 12.89 0.39 -7.79 | 14.82 0.43 -9.33 | 16.30 0.67 -7.64 | 18.15 0.79 -8.46 | 17.48 0.82 -7.58 | 16.31 0.86 -6.11 | 16.25 0.86 -6.07 | 15.54 0.89 -5.13 | 15.28 0.88 -4.93 | 14.19 0.71 -5.81 | 14.27 0.70 -6.17 | 15.12 0.73 -6.91 | 16.23 0.79 -6.80 | 18.40 0.85 -8.60 | 20.01 1.02 -8.28 | 20.13 1.12 -7.08 | 16.38 1.09 -3.43 | 15.21 0.87 -4.86 | 14.14 0.60 -7.18 |
| LOVETT__4 23642 | 12.69 0.35 -7.99 | 11.45 0.33 -6.96 | 11.08 0.32 -6.61 | 10.51 0.34 -5.88 | 10.82 0.37 -5.77 | 12.89 0.39 -7.79 | 14.82 0.43 -9.33 | 16.30 0.67 -7.64 | 18.15 0.79 -8.46 | 17.48 0.82 -7.58 | 16.31 0.86 -6.11 | 16.25 0.86 -6.07 | 15.54 0.89 -5.13 | 15.28 0.88 -4.93 | 14.19 0.71 -5.81 | 14.27 0.70 -6.17 | 15.12 0.73 -6.91 | 16.23 0.79 -6.80 | 18.40 0.85 -8.60 | 20.01 1.02 -8.28 | 20.13 1.12 -7.08 | 16.38 1.09 -3.43 | 15.21 0.87 -4.86 | 14.14 0.60 -7.18 |
| LOVETT__5 23593 | 12.69 0.35 -7.99 | 11.45 0.33 -6.96 | 11.08 0.32 -6.61 | 10.51 0.34 -5.88 | 10.82 0.37 -5.77 | 12.89 0.39 -7.79 | 14.82 0.43 -9.33 | 16.30 0.67 -7.64 | 18.15 0.79 -8.46 | 17.48 0.82 -7.58 | 16.31 0.86 -6.11 | 16.25 0.86 -6.07 | 15.54 0.89 -5.13 | 15.28 0.88 -4.93 | 14.19 0.71 -5.81 | 14.27 0.70 -6.17 | 15.12 0.73 -6.91 | 16.23 0.79 -6.80 | 18.40 0.85 -8.60 | 20.01 1.02 -8.28 | 20.13 1.12 -7.08 | 16.38 1.09 -3.43 | 15.21 0.87 -4.86 | 14.14 0.60 -7.18 |
| LOWER RAQUET____HYD 24057 | 3.97 -0.37 0.00 | 3.82 -0.34 0.00 | 3.80 -0.34 0.00 | 3.92 -0.37 0.00 | 4.20 -0.48 0.00 | 4.22 -0.49 0.00 | 4.54 -0.51 0.00 | 7.26 -0.73 0.00 | 8.15 -0.75 0.00 | 8.31 -0.77 0.00 | 8.53 -0.82 0.00 | 8.50 -0.82 0.00 | 8.69 -0.83 0.00 | 8.65 -0.81 0.00 | 6.99 -0.67 0.00 | 6.71 -0.70 0.00 | 6.77 -0.73 0.00 | 7.82 -0.82 0.00 | 8.12 -0.83 0.00 | 9.68 -1.03 0.00 | 10.77 -1.16 0.00 | 10.86 -1.00 0.00 | 8.63 -0.85 0.00 | 5.74 -0.62 0.00 |

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|---------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOWER___HUDSON 24059 | 16.11 0.28 -11.48 | 14.41 0.27 -9.99 | 13.91 0.27 -9.50 | 13.01 0.28 -8.44 | 13.28 0.31 -8.29 | 16.21 0.32 -11.18 | 18.80 0.34 -13.40 | 19.51 0.54 -10.98 | 21.65 0.61 -12.15 | 20.56 0.60 -10.89 | 18.74 0.62 -8.77 | 18.65 0.61 -8.72 | 17.54 0.66 -7.36 | 17.20 0.65 -7.08 | 16.54 0.54 -8.34 | 16.78 0.52 -8.87 | 17.93 0.52 -9.92 | 19.03 0.62 -9.77 | 21.91 0.61 -12.35 | 23.34 0.74 -11.90 | 22.93 0.83 -10.17 | 17.59 0.81 -4.93 | 17.11 0.65 -6.98 | 17.09 0.41 -10.31 |
| LWR___OSWEGATCHIE_HYD 23850 | 4.08 -0.26 0.00 | 3.91 -0.25 0.00 | 3.89 -0.25 0.00 | 4.02 -0.27 0.00 | 4.37 -0.31 0.00 | 4.41 -0.30 0.00 | 4.76 -0.29 0.00 | 7.56 -0.42 0.00 | 8.47 -0.43 0.00 | 8.60 -0.48 0.00 | 8.84 -0.50 0.00 | 8.83 -0.49 0.00 | 9.01 -0.50 0.00 | 8.98 -0.49 0.00 | 7.26 -0.41 0.00 | 6.98 -0.42 0.00 | 7.06 -0.43 0.00 | 8.13 -0.51 0.00 | 8.42 -0.54 0.00 | 10.04 -0.66 0.00 | 11.18 -0.75 0.00 | 11.29 -0.57 0.00 | 8.97 -0.51 0.00 | 5.99 -0.38 0.00 |
| LYONS_FALL_HYD 23570 | 4.31 -0.04 0.00 | 4.12 -0.04 0.00 | 4.10 -0.05 0.00 | 4.25 -0.04 0.00 | 4.66 -0.02 0.00 | 4.71 0.00 0.00 | 5.08 0.03 0.00 | 8.04 0.06 0.00 | 8.97 0.08 0.00 | 9.11 0.03 0.00 | 9.38 0.03 0.00 | 9.37 0.05 0.00 | 9.55 0.03 0.00 | 9.51 0.04 0.00 | 7.69 0.03 0.00 | 7.42 0.02 0.00 | 7.52 0.03 0.00 | 8.64 0.01 0.00 | 8.93 -0.02 0.00 | 10.69 -0.02 0.00 | 11.89 -0.04 0.00 | 11.96 0.11 0.00 | 9.52 0.04 0.00 | 6.37 0.01 0.00 |
| MADISON___COUNTY_LFGE 323628 | 4.73 0.06 -0.33 | 4.49 0.05 -0.29 | 4.46 0.05 -0.27 | 4.59 0.06 -0.24 | 5.01 0.09 -0.24 | 5.14 0.11 -0.32 | 5.57 0.14 -0.38 | 8.53 0.23 -0.31 | 9.50 0.26 -0.35 | 9.62 0.23 -0.31 | 9.84 0.23 -0.26 | 9.82 0.24 -0.25 | 9.97 0.24 -0.21 | 9.91 0.24 -0.21 | 8.11 0.20 -0.24 | 7.85 0.19 -0.26 | 7.97 0.19 -0.29 | 9.14 0.22 -0.28 | 9.49 0.18 -0.36 | 11.27 0.23 -0.34 | 12.47 0.25 -0.29 | 12.30 0.31 -0.14 | 9.90 0.22 -0.20 | 6.80 0.14 -0.30 |
| MAPLE_RIDGE_WT_1 323574 | 3.72 -0.13 0.49 | 3.60 -0.13 0.42 | 3.61 -0.13 0.40 | 3.79 -0.14 0.36 | 4.18 -0.15 0.35 | 4.08 -0.15 0.47 | 4.32 -0.16 0.57 | 7.26 -0.26 0.47 | 8.10 -0.28 0.52 | 8.34 -0.27 0.46 | 8.72 -0.25 0.37 | 8.71 -0.24 0.37 | 8.95 -0.26 0.31 | 8.90 -0.27 0.30 | 7.09 -0.22 0.35 | 6.80 -0.22 0.38 | 6.85 -0.22 0.42 | 8.00 -0.22 0.41 | 8.21 -0.21 0.52 | 9.97 -0.24 0.51 | 11.25 -0.25 0.43 | 11.41 -0.24 0.21 | 8.99 -0.20 0.30 | 5.80 -0.13 0.44 |
| MAPLE_RIDGE_WT_2 323611 | 3.72 -0.13 0.49 | 3.60 -0.13 0.42 | 3.61 -0.13 0.40 | 3.79 -0.14 0.36 | 4.18 -0.15 0.35 | 4.08 -0.15 0.47 | 4.32 -0.16 0.57 | 7.26 -0.26 0.47 | 8.10 -0.28 0.52 | 8.34 -0.27 0.46 | 8.72 -0.25 0.37 | 8.71 -0.24 0.37 | 8.95 -0.26 0.31 | 8.90 -0.27 0.30 | 7.09 -0.22 0.35 | 6.80 -0.22 0.38 | 6.85 -0.22 0.42 | 8.00 -0.22 0.41 | 8.21 -0.21 0.52 | 9.97 -0.24 0.51 | 11.25 -0.25 0.43 | 11.41 -0.24 0.21 | 8.99 -0.20 0.30 | 5.80 -0.13 0.44 |
| MARBLE_RIVER_WT_PWR 323696 | 4.02 -0.32 0.00 | 3.87 -0.29 0.00 | 3.86 -0.29 0.00 | 3.98 -0.31 0.00 | 4.31 -0.37 0.00 | 4.33 -0.38 0.00 | 4.66 -0.39 0.00 | 7.41 -0.58 0.00 | 8.34 -0.55 0.00 | 8.56 -0.52 0.00 | 8.78 -0.57 0.00 | 8.73 -0.59 0.00 | 8.93 -0.59 0.00 | 8.86 -0.61 0.00 | 7.13 -0.54 0.00 | 6.83 -0.57 0.00 | 6.88 -0.61 0.00 | 7.97 -0.66 0.00 | 8.32 -0.64 0.00 | 9.90 -0.80 0.00 | 11.01 -0.92 0.00 | 10.99 -0.86 0.00 | 8.77 -0.71 0.00 | 5.90 -0.47 0.00 |
| MARSH_HILL_WT_PWR 323713 | 6.08 -0.01 -1.75 | 5.65 -0.03 -1.52 | 5.58 -0.01 -1.45 | 5.58 0.00 -1.29 | 5.98 0.04 -1.27 | 6.50 0.08 -1.71 | 7.28 0.08 -2.15 | 9.90 0.16 -1.76 | 10.89 0.05 -1.95 | 10.85 0.03 -1.74 | 10.77 0.02 -1.40 | 10.72 0.01 -1.40 | 10.68 -0.02 -1.18 | 10.58 -0.02 -1.13 | 9.02 0.02 -1.34 | 8.88 0.06 -1.42 | 9.14 0.06 -1.59 | 10.29 0.09 -1.57 | 10.97 0.04 -1.98 | 12.57 0.04 -1.82 | 13.54 0.06 -1.55 | 12.54 -0.07 -0.75 | 10.54 -0.01 -1.07 | 7.97 0.03 -1.57 |
| MG INDUSTRY___DRP 24185 | 15.45 0.23 -10.88 | 13.84 0.22 -9.47 | 13.37 0.22 -9.00 | 12.52 0.23 -8.00 | 12.79 0.26 -7.86 | 15.57 0.26 -10.60 | 18.02 0.26 -12.70 | 18.80 0.41 -10.40 | 20.85 0.44 -11.52 | 19.83 0.44 -10.32 | 18.11 0.45 -8.31 | 18.03 0.45 -8.26 | 16.97 0.47 -6.98 | 16.63 0.45 -6.71 | 15.95 0.38 -7.91 | 16.17 0.37 -8.40 | 17.26 0.37 -9.40 | 18.33 0.43 -9.26 | 21.09 0.44 -11.70 | 22.51 0.52 -11.28 | 22.15 0.58 -9.64 | 17.09 0.57 -4.67 | 16.58 0.48 -6.61 | 16.46 0.32 -9.77 |
| MID___OSWEGATCHIE_HYD 23849 | 4.08 -0.26 0.00 | 3.91 -0.25 0.00 | 3.89 -0.25 0.00 | 4.02 -0.27 0.00 | 4.37 -0.31 0.00 | 4.41 -0.30 0.00 | 4.76 -0.29 0.00 | 7.56 -0.42 0.00 | 8.47 -0.43 0.00 | 8.60 -0.48 0.00 | 8.84 -0.50 0.00 | 8.83 -0.49 0.00 | 9.01 -0.50 0.00 | 8.98 -0.49 0.00 | 7.26 -0.41 0.00 | 6.98 -0.42 0.00 | 7.06 -0.43 0.00 | 8.13 -0.51 0.00 | 8.42 -0.54 0.00 | 10.04 -0.66 0.00 | 11.18 -0.75 0.00 | 11.29 -0.57 0.00 | 8.97 -0.51 0.00 | 5.99 -0.38 0.00 |
| MID___RAQUETTE_HYD 23851 | 3.97 -0.37 0.00 | 3.82 -0.34 0.00 | 3.80 -0.34 0.00 | 3.92 -0.37 0.00 | 4.20 -0.48 0.00 | 4.22 -0.49 0.00 | 4.54 -0.51 0.00 | 7.26 -0.73 0.00 | 8.15 -0.75 0.00 | 8.31 -0.77 0.00 | 8.53 -0.82 0.00 | 8.50 -0.82 0.00 | 8.69 -0.83 0.00 | 8.65 -0.81 0.00 | 6.99 -0.67 0.00 | 6.71 -0.70 0.00 | 6.77 -0.73 0.00 | 7.82 -0.82 0.00 | 8.12 -0.83 0.00 | 9.68 -1.03 0.00 | 10.77 -1.16 0.00 | 10.86 -1.00 0.00 | 8.63 -0.85 0.00 | 5.74 -0.62 0.00 |
| MILLIKEN___1 23584 | 6.14 0.08 -1.72 | 5.72 0.07 -1.50 | 5.63 0.07 -1.42 | 5.63 0.08 -1.26 | 6.02 0.10 -1.24 | 6.52 0.13 -1.67 | 7.22 0.15 -2.02 | 9.89 0.26 -1.65 | 10.98 0.26 -1.83 | 10.97 0.25 -1.64 | 10.92 0.25 -1.32 | 10.88 0.25 -1.31 | 10.88 0.25 -1.11 | 10.78 0.25 -1.07 | 9.12 0.20 -1.26 | 8.94 0.21 -1.33 | 9.19 0.21 -1.49 | 10.35 0.24 -1.47 | 11.04 0.23 -1.86 | 12.79 0.30 -1.78 | 13.78 0.33 -1.52 | 12.89 0.30 -0.74 | 10.76 0.24 -1.04 | 8.07 0.16 -1.54 |
| MILLIKEN___2 23585 | 6.14 0.08 -1.72 | 5.72 0.07 -1.50 | 5.63 0.07 -1.42 | 5.63 0.08 -1.26 | 6.02 0.10 -1.24 | 6.52 0.13 -1.67 | 7.22 0.15 -2.02 | 9.89 0.26 -1.65 | 10.98 0.26 -1.83 | 10.97 0.25 -1.64 | 10.92 0.25 -1.32 | 10.88 0.25 -1.31 | 10.88 0.25 -1.11 | 10.78 0.25 -1.07 | 9.12 0.20 -1.26 | 8.94 0.21 -1.33 | 9.19 0.21 -1.49 | 10.35 0.24 -1.47 | 11.04 0.23 -1.86 | 12.79 0.30 -1.78 | 13.78 0.33 -1.52 | 12.89 0.30 -0.74 | 10.76 0.24 -1.04 | 8.07 0.16 -1.54 |
| MILLIKEN___DIESEL 23629 | 6.14 0.08 -1.72 | 5.72 0.07 -1.50 | 5.63 0.07 -1.42 | 5.63 0.08 -1.26 | 6.02 0.10 -1.24 | 6.52 0.13 -1.67 | 7.22 0.15 -2.02 | 9.89 0.26 -1.65 | 10.98 0.26 -1.83 | 10.97 0.25 -1.64 | 10.92 0.25 -1.32 | 10.88 0.25 -1.31 | 10.88 0.25 -1.11 | 10.78 0.25 -1.07 | 9.12 0.20 -1.26 | 8.94 0.21 -1.33 | 9.19 0.21 -1.49 | 10.35 0.24 -1.47 | 11.04 0.23 -1.86 | 12.79 0.30 -1.78 | 13.78 0.33 -1.52 | 12.89 0.30 -0.74 | 10.76 0.24 -1.04 | 8.07 0.16 -1.54 |
| MILLSEAT___LFGE 323607 | 5.40 -0.15 -1.21 | 5.05 -0.16 -1.06 | 5.02 -0.13 -1.00 | 5.06 -0.12 -0.89 | 5.46 -0.10 -0.88 | 5.85 -0.04 -1.18 | 6.36 -0.10 -1.41 | 8.99 -0.14 -1.15 | 9.80 -0.37 -1.28 | 9.85 -0.37 -1.14 | 9.88 -0.39 -0.92 | 9.85 -0.38 -0.91 | 9.86 -0.43 -0.77 | 9.80 -0.42 -0.74 | 8.28 -0.27 -0.88 | 8.13 -0.21 -0.94 | 8.31 -0.22 -1.05 | 9.42 -0.24 -1.03 | 9.91 -0.35 -1.30 | 11.55 -0.42 -1.26 | 12.53 -0.48 -1.08 | 11.76 -0.62 -0.52 | 9.83 -0.39 -0.74 | 7.21 -0.25 -1.09 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 12.93 0.37 -8.21 | 11.65 0.35 -7.15 | 11.29 0.34 -6.80 | 10.69 0.36 -6.04 | 11.00 0.39 -5.93 | 13.13 0.41 -8.00 | 15.10 0.46 -9.59 | 16.54 0.70 -7.85 | 18.42 0.83 -8.70 | 17.73 0.86 -7.79 | 16.52 0.90 -6.28 | 16.45 0.89 -6.24 | 15.72 0.93 -5.27 | 15.46 0.93 -5.06 | 14.38 0.74 -5.97 | 14.48 0.73 -6.34 | 15.34 0.76 -7.10 | 16.46 0.83 -6.99 | 18.68 0.90 -8.83 | 20.28 1.06 -8.51 | 20.37 1.17 -7.27 | 16.53 1.15 -3.53 | 15.39 0.91 -4.99 | 14.37 0.62 -7.37 |
| MODEL_CITY_ENERGY 24167 | 5.34 -0.28 -1.28 | 5.00 -0.27 -1.11 | 4.97 -0.23 -1.06 | 4.99 -0.24 -0.94 | 5.38 -0.22 -0.92 | 5.78 -0.17 -1.24 | 6.26 -0.29 -1.49 | 8.74 -0.46 -1.22 | 9.50 -0.75 -1.35 | 9.53 -0.76 -1.21 | 9.55 -0.78 -0.98 | 9.52 -0.76 -0.97 | 9.52 -0.82 -0.82 | 9.45 -0.80 -0.79 | 8.03 -0.57 -0.93 | 7.90 -0.49 -0.99 | 8.08 -0.52 -1.11 | 9.15 -0.58 -1.09 | 9.62 -0.72 -1.38 | 11.17 -0.87 -1.33 | 12.09 -0.98 -1.14 | 11.30 -1.10 -0.55 | 9.50 -0.76 -0.78 | 7.04 -0.48 -1.15 |
| MODERN_LFGE_ 323580 | 5.34 -0.28 -1.28 | 5.00 -0.27 -1.11 | 4.97 -0.23 -1.06 | 4.99 -0.24 -0.94 | 5.38 -0.22 -0.92 | 5.78 -0.17 -1.24 | 6.26 -0.29 -1.49 | 8.74 -0.46 -1.22 | 9.50 -0.75 -1.35 | 9.53 -0.76 -1.21 | 9.55 -0.78 -0.98 | 9.52 -0.76 -0.97 | 9.52 -0.82 -0.82 | 9.45 -0.80 -0.79 | 8.03 -0.57 -0.93 | 7.90 -0.49 -0.99 | 8.08 -0.52 -1.11 | 9.15 -0.58 -1.09 | 9.62 -0.72 -1.38 | 11.17 -0.87 -1.33 | 12.09 -0.98 -1.14 | 11.30 -1.10 -0.55 | 9.50 -0.76 -0.78 | 7.04 -0.48 -1.15 |
| MOHAWK_PAPER___DRP 24187 | 15.87 0.26 -11.27 | 14.21 0.25 -9.80 | 13.72 0.25 -9.32 | 12.84 0.26 -8.28 | 13.11 0.29 -8.14 | 15.98 0.30 -10.98 | 18.51 0.30 -13.15 | 19.24 0.48 -10.77 | 21.33 0.51 -11.93 | 20.27 0.51 -10.68 | 18.49 0.53 -8.61 | 18.41 0.53 -8.55 | 17.30 0.55 -7.23 | 16.96 0.55 -6.95 | 16.31 0.46 -8.19 | 16.55 0.44 -8.70 | 17.67 0.44 -9.73 | 18.75 0.53 -9.59 | 21.59 0.52 -12.12 | 23.01 0.62 -11.68 | 22.60 0.69 -9.98 | 17.37 0.68 -4.84 | 16.90 0.57 -6.85 | 16.85 0.37 -10.11 |
| MONGAUP___HYD 23641 | 12.22 0.30 -7.57 | 11.03 0.28 -6.59 | 10.69 0.28 -6.26 | 10.15 0.29 -5.56 | 10.46 0.32 -5.47 | 12.42 0.34 -7.37 | 14.27 0.37 -8.84 | 15.81 0.58 -7.24 | 17.50 0.60 -8.01 | 16.80 0.54 -7.18 | 15.69 0.56 -5.78 | 15.63 0.56 -5.75 | 15.03 0.66 -4.86 | 14.88 0.74 -4.67 | 13.76 0.59 -5.50 | 13.85 0.61 -5.85 | 14.67 0.64 -6.54 | 15.78 0.70 -6.44 | 17.85 0.76 -8.14 | 19.46 0.91 -7.84 | 19.63 1.00 -6.70 | 16.13 1.03 -3.25 | 14.95 0.87 -4.60 | 13.74 0.58 -6.79 |
| MONTAUK___DIESEL 23721 | 13.47 0.86 -8.27 | 12.17 0.81 -7.20 | 11.79 0.79 -6.85 | 11.50 0.85 -6.36 | 11.56 0.90 -5.98 | 13.69 0.92 -8.06 | 15.58 0.87 -9.65 | 17.36 1.47 -7.90 | 19.45 1.81 -8.75 | 18.71 1.80 -7.83 | 17.93 1.92 -6.67 | 17.60 1.89 -6.39 | 16.93 1.97 -5.44 | 16.64 1.92 -5.25 | 15.39 1.56 -6.17 | 15.81 1.54 -6.87 | 17.49 1.60 -8.40 | 20.33 1.81 -9.88 | 21.10 1.94 -10.20 | 22.44 2.35 -9.39 | 22.24 2.59 -7.72 | 19.74 2.45 -5.43 | 16.71 2.08 -5.15 | 16.00 1.37 -8.26 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.76 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.66 0.77 -7.90 | 18.55 0.91 -8.75 | 17.86 0.94 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.60 0.82 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.82 0.98 -8.89 | 20.43 1.16 -8.56 | 20.52 1.28 -7.32 | 16.66 1.26 -3.55 | 15.51 1.00 -5.02 | 14.49 0.71 -7.42 |
| MUNSVILLE_WIND_PWR 323609 | 7.11 0.14 -2.62 | 6.55 0.11 -2.28 | 6.42 0.10 -2.17 | 6.33 0.11 -1.93 | 6.77 0.20 -1.89 | 7.50 0.24 -2.55 | 8.42 0.29 -3.07 | 10.95 0.45 -2.52 | 12.18 0.50 -2.79 | 11.95 0.38 -2.50 | 11.75 0.39 -2.01 | 11.73 0.41 -2.00 | 11.60 0.39 -1.69 | 11.49 0.40 -1.62 | 9.91 0.34 -1.91 | 9.74 0.31 -2.03 | 10.09 0.32 -2.27 | 11.25 0.37 -2.24 | 12.13 0.35 -2.83 | 13.87 0.45 -2.72 | 14.75 0.50 -2.32 | 13.69 0.71 -1.12 | 11.58 0.50 -1.59 | 9.05 0.33 -2.35 |
| N SALMON___HYD 24042 | 4.01 -0.33 0.00 | 3.87 -0.29 0.00 | 3.86 -0.29 0.00 | 3.97 -0.32 0.00 | 4.29 -0.39 0.00 | 4.31 -0.40 0.00 | 4.64 -0.41 0.00 | 7.38 -0.61 0.00 | 8.31 -0.59 0.00 | 8.53 -0.54 0.00 | 8.73 -0.62 0.00 | 8.68 -0.64 0.00 | 8.88 -0.64 0.00 | 8.84 -0.63 0.00 | 7.11 -0.56 0.00 | 6.80 -0.60 0.00 | 6.84 -0.65 0.00 | 7.94 -0.69 0.00 | 8.30 -0.65 0.00 | 9.86 -0.85 0.00 | 10.96 -0.97 0.00 | 10.97 -0.89 0.00 | 8.74 -0.74 0.00 | 5.88 -0.49 0.00 |
| N.E._GEN_SANDY PD 24062 | 14.50 0.32 -9.83 | 13.03 0.31 -8.56 | 12.59 0.31 -8.14 | 12.53 0.33 -7.91 | 12.73 0.36 -7.70 | 14.66 0.37 -9.58 | 16.93 0.39 -11.48 | 20.12 0.62 -11.51 | 20.39 0.70 -10.79 | 19.13 0.73 -9.33 | 17.60 0.74 -7.51 | 17.52 0.74 -7.47 | 16.60 0.77 -6.31 | 16.30 0.77 -6.06 | 15.43 0.62 -7.15 | 15.60 0.61 -7.60 | 16.62 0.63 -8.50 | 18.90 0.71 -9.56 | 20.50 0.73 -10.81 | 21.78 0.88 -10.19 | 21.76 0.98 -8.85 | 20.10 0.95 -7.30 | 17.10 0.76 -6.86 | 15.70 0.50 -8.83 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 12.68 0.36 -7.98 | 11.44 0.34 -6.94 | 11.08 0.33 -6.60 | 10.50 0.35 -5.86 | 10.81 0.37 -5.76 | 12.88 0.40 -7.77 | 14.81 0.44 -9.31 | 16.30 0.69 -7.63 | 18.15 0.81 -8.45 | 17.48 0.83 -7.57 | 16.32 0.88 -6.09 | 16.25 0.88 -6.06 | 15.55 0.91 -5.12 | 15.29 0.90 -4.92 | 14.18 0.72 -5.80 | 14.27 0.71 -6.16 | 15.12 0.74 -6.89 | 16.24 0.81 -6.79 | 18.41 0.88 -8.58 | 20.01 1.04 -8.27 | 20.15 1.16 -7.06 | 16.41 1.13 -3.42 | 15.22 0.89 -4.85 | 14.14 0.61 -7.16 |
| NARROWS_GT1_1 24228 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_2 24229 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_3 24230 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_4 24231 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |

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|---|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| NARROWS_GT1_5 24232 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_6 24233 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_7 24234 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT1_8 24235 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_1 24236 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_2 24237 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_3 24238 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_4 24239 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_5 24240 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_6 24241 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_7 24242 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NARROWS_GT2_8 24243 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 13.87 0.38 -9.15 | 12.47 0.35 -7.96 | 12.07 0.35 -7.57 | 11.38 0.36 -6.73 | 11.69 0.40 -6.61 | 14.05 0.43 -8.91 | 16.20 0.46 -10.68 | 17.48 0.74 -8.75 | 19.44 0.85 -9.69 | 18.63 0.87 -8.68 | 17.19 0.85 -6.99 | 17.12 0.85 -6.95 | 16.23 0.84 -5.87 | 15.93 0.82 -5.64 | 14.97 0.65 -6.65 | 15.09 0.62 -7.07 | 16.05 0.65 -7.90 | 17.23 0.81 -7.79 | 19.71 0.91 -9.84 | 21.27 1.08 -9.48 | 21.24 1.20 -8.10 | 16.91 1.13 -3.93 | 15.92 0.87 -5.56 | 15.15 0.57 -8.21 |
| NEG CAPITAL___MECHNVIL 23645 | 16.33 0.32 -11.67 | 14.61 0.29 -10.16 | 14.10 0.30 -9.66 | 13.18 0.30 -8.58 | 13.46 0.35 -8.43 | 16.42 0.34 -11.37 | 19.06 0.38 -13.63 | 19.77 0.62 -11.16 | 21.95 0.69 -12.36 | 20.84 0.69 -11.07 | 19.00 0.73 -8.92 | 18.91 0.73 -8.86 | 17.77 0.76 -7.49 | 17.42 0.76 -7.20 | 16.77 0.62 -8.48 | 17.02 0.61 -9.01 | 18.18 0.60 -10.08 | 19.31 0.74 -9.93 | 22.21 0.71 -12.55 | 23.66 0.86 -12.10 | 23.23 0.97 -10.34 | 17.80 0.94 -5.01 | 17.32 0.74 -7.10 | 17.32 0.47 -10.48 |
| NEG CENTRAL_HIGH_ACRES 23767 | 5.29 -0.06 -1.00 | 4.96 -0.07 -0.87 | 4.92 -0.06 -0.83 | 4.98 -0.05 -0.74 | 5.37 -0.03 -0.72 | 5.69 0.00 -0.98 | 6.21 0.00 -1.15 | 8.95 0.02 -0.94 | 9.85 -0.09 -1.05 | 9.92 -0.09 -0.94 | 9.99 -0.11 -0.75 | 9.97 -0.10 -0.75 | 10.03 -0.12 -0.63 | 9.95 -0.12 -0.61 | 8.31 -0.07 -0.72 | 8.12 -0.04 -0.76 | 8.30 -0.04 -0.85 | 9.45 -0.03 -0.84 | 9.94 -0.08 -1.06 | 11.66 -0.09 -1.04 | 12.72 -0.10 -0.89 | 12.10 -0.19 -0.43 | 9.98 -0.11 -0.61 | 7.21 -0.06 -0.90 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NEG CENTRAL___DRP 24199 | 5.48 0.00 -1.13 | 5.13 0.00 -0.98 | 5.08 0.00 -0.93 | 5.13 0.01 -0.83 | 5.53 0.03 -0.81 | 5.87 0.07 -1.10 | 6.45 0.08 -1.32 | 9.22 0.15 -1.08 | 10.20 0.11 -1.20 | 10.26 0.11 -1.07 | 10.32 0.11 -0.86 | 10.28 0.10 -0.86 | 10.33 0.09 -0.73 | 10.25 0.09 -0.70 | 8.56 0.08 -0.82 | 8.36 0.09 -0.87 | 8.57 0.10 -0.98 | 9.72 0.12 -0.96 | 10.26 0.09 -1.22 | 11.99 0.12 -1.17 | 13.06 0.13 -1.00 | 12.41 0.07 -0.48 | 10.22 0.06 -0.69 | 7.42 0.04 -1.01 |
| NEG CENTRAL___INDECK 23768 | 5.86 0.05 -1.47 | 5.46 0.03 -1.28 | 5.40 0.04 -1.21 | 5.42 0.06 -1.08 | 5.83 0.09 -1.06 | 6.29 0.15 -1.43 | 7.54 0.35 -2.14 | 10.35 0.61 -1.75 | 11.39 0.55 -1.94 | 11.36 0.54 -1.74 | 11.28 0.53 -1.40 | 11.18 0.47 -1.39 | 11.22 0.52 -1.18 | 11.12 0.52 -1.13 | 9.44 0.44 -1.34 | 9.29 0.47 -1.42 | 9.54 0.46 -1.59 | 10.78 0.58 -1.56 | 11.47 0.54 -1.98 | 12.49 0.26 -1.52 | 13.52 0.29 -1.30 | 12.63 0.14 -0.63 | 10.53 0.15 -0.89 | 7.80 0.11 -1.32 |
| NEG CENTRAL___SENECA 23627 | 5.62 0.03 -1.24 | 5.26 0.02 -1.08 | 5.20 0.03 -1.03 | 5.24 0.04 -0.91 | 5.64 0.07 -0.89 | 6.02 0.10 -1.21 | 6.63 0.12 -1.45 | 9.39 0.22 -1.19 | 10.37 0.16 -1.32 | 10.41 0.15 -1.18 | 10.46 0.16 -0.95 | 10.41 0.15 -0.95 | 10.45 0.13 -0.80 | 10.36 0.12 -0.77 | 8.69 0.12 -0.91 | 8.50 0.13 -0.96 | 8.71 0.14 -1.08 | 9.88 0.18 -1.06 | 10.44 0.14 -1.34 | 12.17 0.18 -1.29 | 13.23 0.20 -1.10 | 12.51 0.12 -0.53 | 10.34 0.10 -0.75 | 7.56 0.08 -1.11 |
| NEG CENTRAL___STATE_STREET 24147 | 5.46 0.01 -1.10 | 5.12 0.00 -0.96 | 5.07 0.01 -0.91 | 5.11 0.01 -0.81 | 5.51 0.03 -0.80 | 5.85 0.07 -1.08 | 6.43 0.09 -1.29 | 9.20 0.16 -1.06 | 10.21 0.14 -1.17 | 10.28 0.15 -1.05 | 10.34 0.15 -0.84 | 10.31 0.15 -0.84 | 10.38 0.15 -0.71 | 10.29 0.14 -0.68 | 8.59 0.12 -0.80 | 8.39 0.13 -0.85 | 8.58 0.13 -0.96 | 9.72 0.15 -0.94 | 10.27 0.13 -1.19 | 12.02 0.17 -1.15 | 13.10 0.19 -0.98 | 12.47 0.14 -0.47 | 10.27 0.11 -0.67 | 7.44 0.08 -0.99 |
| NEG MILLWOOD___DRP 24198 | 13.26 0.42 -8.50 | 11.94 0.39 -7.39 | 11.56 0.39 -7.03 | 10.94 0.40 -6.25 | 11.25 0.43 -6.14 | 13.44 0.46 -8.28 | 15.49 0.51 -9.92 | 16.93 0.82 -8.13 | 18.86 0.97 -9.00 | 18.14 1.00 -8.06 | 16.87 1.03 -6.49 | 16.80 1.03 -6.45 | 16.02 1.05 -5.45 | 15.74 1.03 -5.24 | 14.65 0.80 -6.18 | 14.75 0.78 -6.56 | 15.66 0.82 -7.34 | 16.80 0.93 -7.23 | 19.11 1.02 -9.14 | 20.74 1.23 -8.81 | 20.81 1.36 -7.53 | 16.82 1.32 -3.65 | 15.67 1.02 -5.17 | 14.68 0.69 -7.63 |
| NEG NORTH_FLCN_SEA 23793 | 4.05 -0.29 0.00 | 3.90 -0.25 0.00 | 3.89 -0.26 0.00 | 4.01 -0.28 0.00 | 4.34 -0.34 0.00 | 4.37 -0.34 0.00 | 4.70 -0.36 0.00 | 7.47 -0.52 0.00 | 8.41 -0.49 0.00 | 8.62 -0.45 0.00 | 8.84 -0.50 0.00 | 8.79 -0.53 0.00 | 8.99 -0.53 0.00 | 8.94 -0.53 0.00 | 7.18 -0.48 0.00 | 6.88 -0.53 0.00 | 6.92 -0.57 0.00 | 8.03 -0.60 0.00 | 8.38 -0.57 0.00 | 9.97 -0.74 0.00 | 11.08 -0.85 0.00 | 11.06 -0.79 0.00 | 8.83 -0.65 0.00 | 5.95 -0.42 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 4.04 -0.31 0.00 | 3.88 -0.27 0.00 | 3.87 -0.28 0.00 | 3.99 -0.30 0.00 | 4.32 -0.36 0.00 | 4.34 -0.37 0.00 | 4.66 -0.39 0.00 | 7.42 -0.57 0.00 | 8.34 -0.55 0.00 | 8.56 -0.52 0.00 | 8.78 -0.57 0.00 | 8.73 -0.59 0.00 | 8.93 -0.59 0.00 | 8.87 -0.60 0.00 | 7.13 -0.54 0.00 | 6.84 -0.56 0.00 | 6.89 -0.61 0.00 | 7.99 -0.65 0.00 | 8.33 -0.63 0.00 | 9.91 -0.79 0.00 | 11.02 -0.91 0.00 | 11.00 -0.85 0.00 | 8.78 -0.70 0.00 | 5.91 -0.46 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 4.04 -0.30 0.00 | 3.90 -0.26 0.00 | 3.88 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.36 -0.35 0.00 | 4.69 -0.37 0.00 | 7.45 -0.54 0.00 | 8.39 -0.51 0.00 | 8.62 -0.46 0.00 | 8.82 -0.52 0.00 | 8.76 -0.56 0.00 | 8.97 -0.55 0.00 | 8.92 -0.55 0.00 | 7.17 -0.50 0.00 | 6.86 -0.54 0.00 | 6.89 -0.60 0.00 | 8.01 -0.62 0.00 | 8.37 -0.58 0.00 | 9.95 -0.76 0.00 | 11.06 -0.87 0.00 | 11.04 -0.82 0.00 | 8.81 -0.67 0.00 | 5.93 -0.43 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 4.04 -0.30 0.00 | 3.90 -0.26 0.00 | 3.88 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.36 -0.35 0.00 | 4.69 -0.37 0.00 | 7.45 -0.54 0.00 | 8.39 -0.51 0.00 | 8.62 -0.46 0.00 | 8.82 -0.52 0.00 | 8.76 -0.56 0.00 | 8.97 -0.55 0.00 | 8.92 -0.55 0.00 | 7.17 -0.50 0.00 | 6.86 -0.54 0.00 | 6.89 -0.60 0.00 | 8.01 -0.62 0.00 | 8.37 -0.58 0.00 | 9.95 -0.76 0.00 | 11.06 -0.87 0.00 | 11.04 -0.82 0.00 | 8.81 -0.67 0.00 | 5.93 -0.43 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 4.04 -0.30 0.00 | 3.90 -0.26 0.00 | 3.88 -0.27 0.00 | 3.99 -0.30 0.00 | 4.33 -0.35 0.00 | 4.36 -0.35 0.00 | 4.69 -0.37 0.00 | 7.45 -0.54 0.00 | 8.39 -0.51 0.00 | 8.62 -0.46 0.00 | 8.82 -0.52 0.00 | 8.76 -0.56 0.00 | 8.97 -0.55 0.00 | 8.92 -0.55 0.00 | 7.17 -0.50 0.00 | 6.86 -0.54 0.00 | 6.89 -0.60 0.00 | 8.01 -0.62 0.00 | 8.37 -0.58 0.00 | 9.95 -0.76 0.00 | 11.06 -0.87 0.00 | 11.04 -0.82 0.00 | 8.81 -0.67 0.00 | 5.93 -0.43 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 5.38 -0.23 -1.26 | 5.03 -0.22 -1.10 | 5.00 -0.19 -1.04 | 5.03 -0.19 -0.93 | 5.42 -0.17 -0.91 | 5.82 -0.12 -1.23 | 6.32 -0.21 -1.47 | 8.86 -0.33 -1.21 | 9.63 -0.60 -1.34 | 9.67 -0.60 -1.20 | 9.68 -0.63 -0.96 | 9.66 -0.62 -0.96 | 9.66 -0.67 -0.81 | 9.59 -0.65 -0.78 | 8.14 -0.44 -0.92 | 8.01 -0.37 -0.98 | 8.20 -0.39 -1.10 | 9.28 -0.43 -1.08 | 9.76 -0.56 -1.36 | 11.34 -0.69 -1.32 | 12.28 -0.78 -1.12 | 11.48 -0.92 -0.54 | 9.65 -0.61 -0.77 | 7.13 -0.38 -1.14 |
| NEG WEST___LANCASTR 23811 | 5.75 -0.07 -1.47 | 5.37 -0.06 -1.28 | 5.32 -0.04 -1.22 | 5.35 -0.02 -1.08 | 5.76 0.01 -1.06 | 6.20 0.06 -1.43 | 6.80 0.02 -1.73 | 9.47 0.06 -1.42 | 10.34 -0.12 -1.57 | 10.35 -0.14 -1.41 | 10.34 -0.14 -1.13 | 10.31 -0.13 -1.13 | 10.29 -0.18 -0.95 | 10.21 -0.17 -0.91 | 8.67 -0.08 -1.08 | 8.53 -0.02 -1.15 | 8.75 -0.02 -1.28 | 9.88 -0.02 -1.27 | 10.44 -0.11 -1.60 | 12.11 -0.13 -1.53 | 13.07 -0.17 -1.31 | 12.14 -0.34 -0.63 | 10.22 -0.16 -0.90 | 7.63 -0.06 -1.32 |
| NEG_PENN_ALLEGHNY 23528 | 7.18 0.08 -2.76 | 6.62 0.07 -2.40 | 6.50 0.07 -2.28 | 6.40 0.08 -2.03 | 6.78 0.11 -1.99 | 7.52 0.13 -2.69 | 8.42 0.14 -3.23 | 10.86 0.22 -2.65 | 12.04 0.21 -2.93 | 11.91 0.21 -2.63 | 11.68 0.22 -2.12 | 11.64 0.21 -2.10 | 11.51 0.21 -1.78 | 11.39 0.21 -1.71 | 9.84 0.17 -2.01 | 9.72 0.18 -2.14 | 10.07 0.19 -2.39 | 11.21 0.22 -2.36 | 12.13 0.20 -2.98 | 13.82 0.26 -2.85 | 14.65 0.29 -2.44 | 13.27 0.24 -1.18 | 11.36 0.20 -1.67 | 8.99 0.15 -2.47 |
| NEG___GEN_MONROE 24207 | 5.29 -0.10 -1.05 | 4.96 -0.10 -0.91 | 4.92 -0.09 -0.87 | 4.98 -0.08 -0.77 | 5.37 -0.06 -0.76 | 5.71 -0.01 -1.02 | 6.22 -0.03 -1.19 | 8.92 -0.04 -0.97 | 9.79 -0.18 -1.08 | 9.85 -0.19 -0.96 | 9.92 -0.21 -0.78 | 9.90 -0.20 -0.77 | 9.94 -0.23 -0.65 | 9.86 -0.24 -0.63 | 8.26 -0.15 -0.74 | 8.08 -0.11 -0.79 | 8.25 -0.12 -0.88 | 9.38 -0.12 -0.87 | 9.88 -0.17 -1.10 | 11.61 -0.18 -1.09 | 12.67 -0.19 -0.93 | 11.99 -0.32 -0.45 | 9.89 -0.23 -0.64 | 7.16 -0.15 -0.94 |
| NEPA___ENERGY 23901 | 5.95 -0.10 -1.70 | 5.54 -0.10 -1.48 | 5.48 -0.07 -1.41 | 5.48 -0.06 -1.25 | 5.88 -0.03 -1.23 | 6.37 0.00 -1.66 | 7.02 -0.04 -2.00 | 9.55 -0.07 -1.64 | 10.46 -0.25 -1.81 | 10.42 -0.28 -1.62 | 10.37 -0.29 -1.31 | 10.34 -0.28 -1.30 | 10.30 -0.32 -1.10 | 10.21 -0.31 -1.06 | 8.64 -0.11 -1.08 | 8.50 -0.05 -1.15 | 8.74 -0.04 -1.29 | 9.86 -0.04 -1.27 | 10.43 -0.13 -1.61 | 12.09 -0.15 -1.53 | 13.06 -0.18 -1.31 | 12.12 -0.37 -0.64 | 10.21 -0.17 -0.90 | 7.64 -0.06 -1.33 |

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|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| NEVERSINK___HYD 23608 | 12.16 0.34 -7.47 | 10.98 0.32 -6.50 | 10.64 0.31 -6.18 | 10.10 0.32 -5.49 | 10.43 0.35 -5.40 | 12.38 0.39 -7.28 | 14.21 0.42 -8.73 | 15.80 0.67 -7.15 | 17.68 0.87 -7.91 | 17.03 0.86 -7.09 | 15.95 0.89 -5.71 | 15.88 0.89 -5.68 | 15.20 0.89 -4.80 | 14.97 0.89 -4.61 | 13.81 0.71 -5.43 | 13.86 0.69 -5.77 | 14.68 0.73 -6.46 | 15.85 0.86 -6.36 | 17.92 0.93 -8.04 | 19.57 1.11 -7.75 | 19.80 1.25 -6.62 | 16.26 1.20 -3.21 | 14.96 0.93 -4.54 | 13.69 0.62 -6.71 |
| NEWTON___FALLS_HYD 23847 | 4.08 -0.26 0.00 | 3.91 -0.25 0.00 | 3.89 -0.25 0.00 | 4.02 -0.27 0.00 | 4.37 -0.31 0.00 | 4.41 -0.30 0.00 | 4.76 -0.29 0.00 | 7.56 -0.42 0.00 | 8.47 -0.43 0.00 | 8.60 -0.48 0.00 | 8.84 -0.50 0.00 | 8.83 -0.49 0.00 | 9.01 -0.50 0.00 | 8.98 -0.49 0.00 | 7.26 -0.41 0.00 | 6.98 -0.42 0.00 | 7.06 -0.43 0.00 | 8.13 -0.51 0.00 | 8.42 -0.54 0.00 | 10.04 -0.66 0.00 | 11.18 -0.75 0.00 | 11.29 -0.57 0.00 | 8.97 -0.51 0.00 | 5.99 -0.38 0.00 |
| NIAGARA_115E_LBMP 323715 | 5.33 -0.30 -1.29 | 4.98 -0.30 -1.12 | 4.96 -0.25 -1.07 | 4.98 -0.26 -0.95 | 5.36 -0.25 -0.93 | 5.76 -0.21 -1.26 | 6.23 -0.33 -1.51 | 8.68 -0.54 -1.23 | 9.43 -0.83 -1.37 | 9.46 -0.84 -1.22 | 9.47 -0.86 -0.99 | 9.45 -0.85 -0.98 | 9.44 -0.90 -0.83 | 9.37 -0.89 -0.80 | 7.97 -0.64 -0.94 | 7.85 -0.56 -1.00 | 8.02 -0.59 -1.12 | 9.08 -0.66 -1.10 | 9.55 -0.80 -1.40 | 11.09 -0.96 -1.34 | 11.98 -1.10 -1.15 | 11.20 -1.21 -0.56 | 9.44 -0.83 -0.79 | 7.00 -0.53 -1.16 |
| NIAGARA_115W_LBMP 323714 | 5.34 -0.30 -1.29 | 4.99 -0.29 -1.12 | 4.96 -0.25 -1.07 | 4.98 -0.26 -0.95 | 5.37 -0.24 -0.93 | 5.77 -0.20 -1.26 | 6.27 -0.30 -1.51 | 8.73 -0.50 -1.24 | 9.48 -0.78 -1.37 | 9.51 -0.80 -1.23 | 9.50 -0.83 -0.99 | 9.48 -0.82 -0.98 | 9.47 -0.88 -0.83 | 9.41 -0.85 -0.80 | 8.00 -0.61 -0.95 | 7.88 -0.53 -1.00 | 8.07 -0.55 -1.12 | 9.13 -0.61 -1.11 | 9.60 -0.75 -1.40 | 11.14 -0.91 -1.35 | 12.04 -1.04 -1.15 | 11.25 -1.16 -0.56 | 9.47 -0.80 -0.79 | 7.04 -0.50 -1.17 |
| NIAGARA_230_LBMP 323716 | 5.37 -0.24 -1.27 | 5.02 -0.24 -1.10 | 4.99 -0.21 -1.05 | 5.02 -0.21 -0.93 | 5.41 -0.19 -0.91 | 5.80 -0.15 -1.23 | 6.32 -0.22 -1.48 | 8.84 -0.36 -1.21 | 9.61 -0.63 -1.34 | 9.63 -0.65 -1.20 | 9.63 -0.69 -0.97 | 9.60 -0.68 -0.96 | 9.59 -0.74 -0.81 | 9.53 -0.72 -0.78 | 8.09 -0.50 -0.93 | 7.96 -0.42 -0.98 | 8.17 -0.43 -1.10 | 9.24 -0.47 -1.08 | 9.72 -0.60 -1.37 | 11.30 -0.73 -1.32 | 12.22 -0.84 -1.13 | 11.41 -1.00 -0.55 | 9.61 -0.65 -0.77 | 7.13 -0.38 -1.14 |
| NIAGARA___ 23760 | 5.33 -0.30 -1.29 | 4.98 -0.30 -1.12 | 4.96 -0.25 -1.07 | 4.98 -0.26 -0.95 | 5.36 -0.25 -0.93 | 5.76 -0.20 -1.26 | 6.24 -0.32 -1.51 | 8.72 -0.50 -1.23 | 9.49 -0.77 -1.36 | 9.52 -0.78 -1.22 | 9.53 -0.79 -0.98 | 9.51 -0.78 -0.97 | 9.51 -0.84 -0.82 | 9.44 -0.82 -0.79 | 8.01 -0.59 -0.94 | 7.88 -0.52 -1.00 | 8.06 -0.55 -1.12 | 9.13 -0.60 -1.10 | 9.62 -0.72 -1.39 | 11.16 -0.88 -1.34 | 12.07 -1.00 -1.14 | 11.29 -1.11 -0.55 | 9.50 -0.77 -0.78 | 7.02 -0.51 -1.16 |
| NINE_MILE_1 23575 | 4.77 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.48 -0.10 -0.44 | 4.58 -0.10 -0.39 | 4.96 -0.10 -0.38 | 5.14 -0.08 -0.51 | 5.58 -0.09 -0.61 | 8.34 -0.14 -0.50 | 9.27 -0.18 -0.56 | 9.39 -0.18 -0.50 | 9.55 -0.20 -0.40 | 9.52 -0.20 -0.40 | 9.66 -0.20 -0.34 | 9.59 -0.20 -0.32 | 7.89 -0.15 -0.38 | 7.66 -0.15 -0.41 | 7.80 -0.14 -0.45 | 8.92 -0.16 -0.45 | 9.33 -0.19 -0.56 | 11.04 -0.21 -0.55 | 12.16 -0.24 -0.47 | 11.83 -0.25 -0.23 | 9.60 -0.20 -0.32 | 6.71 -0.13 -0.47 |
| NINE_MILE_2 23744 | 4.77 -0.10 -0.53 | 4.51 -0.10 -0.46 | 4.49 -0.10 -0.43 | 4.58 -0.10 -0.39 | 4.96 -0.10 -0.38 | 5.14 -0.08 -0.51 | 5.57 -0.09 -0.61 | 8.34 -0.14 -0.50 | 9.27 -0.18 -0.55 | 9.39 -0.18 -0.50 | 9.55 -0.20 -0.40 | 9.52 -0.20 -0.40 | 9.66 -0.20 -0.34 | 9.59 -0.20 -0.32 | 7.89 -0.15 -0.38 | 7.66 -0.15 -0.40 | 7.80 -0.14 -0.45 | 8.92 -0.16 -0.45 | 9.34 -0.18 -0.56 | 11.04 -0.21 -0.55 | 12.16 -0.24 -0.47 | 11.83 -0.25 -0.23 | 9.60 -0.20 -0.32 | 6.71 -0.13 -0.47 |
| NM_CAPITAL___DRP 24208 | 15.77 0.25 -11.18 | 14.12 0.24 -9.73 | 13.64 0.24 -9.25 | 12.76 0.25 -8.22 | 13.04 0.29 -8.07 | 15.89 0.29 -10.89 | 18.38 0.28 -13.05 | 19.11 0.44 -10.69 | 21.17 0.44 -11.83 | 20.12 0.44 -10.60 | 18.35 0.47 -8.54 | 18.27 0.47 -8.49 | 17.18 0.49 -7.17 | 16.84 0.48 -6.89 | 16.19 0.41 -8.12 | 16.42 0.39 -8.63 | 17.54 0.39 -9.66 | 18.61 0.46 -9.51 | 21.43 0.46 -12.02 | 22.84 0.55 -11.59 | 22.44 0.61 -9.90 | 17.25 0.59 -4.80 | 16.80 0.52 -6.80 | 16.74 0.34 -10.03 |
| NM_CENTRAL___DRP 24181 | 5.05 0.00 -0.71 | 4.76 -0.01 -0.62 | 4.73 -0.01 -0.59 | 4.81 0.00 -0.52 | 5.21 0.01 -0.51 | 5.43 0.03 -0.69 | 5.92 0.04 -0.83 | 8.78 0.11 -0.68 | 9.76 0.11 -0.75 | 9.85 0.10 -0.67 | 10.00 0.10 -0.55 | 9.96 0.09 -0.55 | 10.08 0.10 -0.46 | 10.01 0.09 -0.44 | 8.27 0.08 -0.52 | 8.05 0.09 -0.56 | 8.21 0.09 -0.62 | 9.35 0.10 -0.61 | 9.76 0.04 -0.78 | 11.51 0.06 -0.74 | 12.63 0.07 -0.63 | 12.21 0.05 -0.31 | 9.94 0.03 -0.43 | 7.03 0.03 -0.64 |
| NM_FRONTIER___DRP 24179 | 5.34 -0.30 -1.29 | 4.99 -0.29 -1.12 | 4.96 -0.25 -1.07 | 4.98 -0.26 -0.95 | 5.37 -0.24 -0.93 | 5.77 -0.20 -1.26 | 6.27 -0.30 -1.51 | 8.73 -0.50 -1.24 | 9.48 -0.78 -1.37 | 9.51 -0.80 -1.23 | 9.50 -0.83 -0.99 | 9.48 -0.82 -0.98 | 9.47 -0.88 -0.83 | 9.41 -0.85 -0.80 | 8.00 -0.61 -0.95 | 7.88 -0.53 -1.00 | 8.07 -0.55 -1.12 | 9.13 -0.61 -1.11 | 9.60 -0.75 -1.40 | 11.14 -0.91 -1.35 | 12.04 -1.04 -1.15 | 11.25 -1.16 -0.56 | 9.47 -0.80 -0.79 | 7.04 -0.50 -1.17 |
| NM_ST_REGIS___HYD 24053 | 3.98 -0.36 0.00 | 3.82 -0.33 0.00 | 3.81 -0.34 0.00 | 3.93 -0.36 0.00 | 4.22 -0.46 0.00 | 4.23 -0.48 0.00 | 4.56 -0.50 0.00 | 7.28 -0.70 0.00 | 8.18 -0.71 0.00 | 8.35 -0.73 0.00 | 8.57 -0.78 0.00 | 8.54 -0.78 0.00 | 8.73 -0.79 0.00 | 8.69 -0.78 0.00 | 7.01 -0.66 0.00 | 6.73 -0.67 0.00 | 6.77 -0.72 0.00 | 7.84 -0.79 0.00 | 8.16 -0.80 0.00 | 9.71 -1.00 0.00 | 10.81 -1.12 0.00 | 10.87 -0.98 0.00 | 8.65 -0.83 0.00 | 5.77 -0.60 0.00 |
| NORTHPORT___1 23551 | 13.22 0.60 -8.27 | 11.93 0.57 -7.20 | 11.55 0.56 -6.85 | 11.25 0.61 -6.36 | 11.29 0.64 -5.98 | 13.42 0.65 -8.06 | 15.33 0.63 -9.65 | 16.93 1.05 -7.90 | 18.95 1.31 -8.74 | 18.17 1.26 -7.83 | 17.34 1.34 -6.65 | 17.01 1.32 -6.37 | 16.34 1.40 -5.42 | 16.06 1.37 -5.22 | 14.93 1.12 -6.14 | 15.35 1.10 -6.84 | 17.00 1.12 -8.38 | 19.76 1.24 -9.88 | 20.46 1.32 -10.20 | 21.65 1.56 -9.38 | 21.40 1.75 -7.72 | 18.94 1.67 -5.42 | 16.03 1.42 -5.13 | 15.61 0.98 -8.26 |
| NORTHPORT___2 23552 | 13.22 0.60 -8.27 | 11.93 0.57 -7.20 | 11.55 0.56 -6.85 | 11.25 0.61 -6.36 | 11.29 0.64 -5.98 | 13.42 0.65 -8.06 | 15.33 0.63 -9.65 | 16.93 1.05 -7.90 | 18.95 1.31 -8.74 | 18.17 1.26 -7.83 | 17.34 1.34 -6.65 | 17.01 1.32 -6.37 | 16.34 1.40 -5.42 | 16.06 1.37 -5.22 | 14.93 1.12 -6.14 | 15.35 1.10 -6.84 | 17.00 1.12 -8.38 | 19.76 1.24 -9.88 | 20.46 1.32 -10.20 | 21.65 1.56 -9.38 | 21.40 1.75 -7.72 | 18.94 1.67 -5.42 | 16.03 1.42 -5.13 | 15.61 0.98 -8.26 |
| NORTHPORT___3 23553 | 13.10 0.49 -8.26 | 11.82 0.47 -7.19 | 11.43 0.45 -6.84 | 11.14 0.50 -6.35 | 11.16 0.51 -5.97 | 13.28 0.52 -8.05 | 15.19 0.49 -9.65 | 16.71 0.82 -7.90 | 18.69 1.05 -8.74 | 17.96 1.05 -7.83 | 17.12 1.12 -6.65 | 16.79 1.11 -6.37 | 16.10 1.16 -5.42 | 15.83 1.15 -5.22 | 14.73 0.93 -6.14 | 15.15 0.91 -6.84 | 16.79 0.92 -8.37 | 19.52 1.01 -9.87 | 20.17 1.02 -10.19 | 21.26 1.19 -9.37 | 20.95 1.31 -7.71 | 18.64 1.37 -5.41 | 15.78 1.18 -5.12 | 15.43 0.81 -8.25 |

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|-------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| NORTHPORT____4 23650 | 13.10 0.49 -8.26 | 11.82 0.47 -7.19 | 11.43 0.45 -6.84 | 11.14 0.50 -6.35 | 11.16 0.51 -5.97 | 13.28 0.52 -8.05 | 15.19 0.49 -9.65 | 16.71 0.82 -7.90 | 18.69 1.05 -8.74 | 17.96 1.05 -7.83 | 17.12 1.12 -6.65 | 16.79 1.11 -6.37 | 16.10 1.16 -5.42 | 15.83 1.15 -5.22 | 14.73 0.93 -6.14 | 15.15 0.91 -6.84 | 16.79 0.92 -8.37 | 19.52 1.01 -9.87 | 20.17 1.02 -10.19 | 21.26 1.19 -9.37 | 20.95 1.31 -7.71 | 18.64 1.37 -5.41 | 15.78 1.18 -5.12 | 15.43 0.81 -8.25 |
| NORTHPORT____IC 23718 | 13.22 0.60 -8.27 | 11.93 0.57 -7.20 | 11.55 0.56 -6.85 | 11.25 0.61 -6.36 | 11.29 0.64 -5.98 | 13.42 0.65 -8.06 | 15.33 0.63 -9.65 | 16.93 1.05 -7.90 | 18.95 1.31 -8.74 | 18.17 1.26 -7.83 | 17.34 1.34 -6.65 | 17.01 1.32 -6.37 | 16.34 1.40 -5.42 | 16.06 1.37 -5.22 | 14.93 1.12 -6.14 | 15.35 1.10 -6.84 | 17.00 1.12 -8.38 | 19.76 1.24 -9.88 | 20.46 1.32 -10.20 | 21.65 1.56 -9.38 | 21.40 1.75 -7.72 | 18.94 1.67 -5.42 | 16.03 1.42 -5.13 | 15.61 0.98 -8.26 |
| NPX_GEN_1385_PROXY 323591 | 13.26 0.65 -8.27 | 12.01 0.65 -7.20 | 11.63 0.63 -6.85 | 11.36 0.71 -6.36 | 11.42 0.76 -5.98 | 13.50 0.73 -8.06 | 15.40 0.70 -9.65 | 17.05 1.17 -7.90 | 19.07 1.43 -8.74 | 18.12 1.21 -7.83 | 17.31 1.31 -6.65 | 16.96 1.27 -6.37 | 16.35 1.41 -5.42 | 16.08 1.39 -5.22 | 14.97 1.16 -6.14 | 15.39 1.15 -6.84 | 17.03 1.16 -8.38 | 19.76 1.25 -9.88 | 20.50 1.35 -10.20 | 21.80 1.71 -9.38 | 21.58 1.93 -7.72 | 18.87 1.60 -5.42 | 15.97 1.37 -5.13 | 15.64 1.01 -8.26 |
| NPX_GEN_CSC 323557 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.40 0.74 -5.98 | 13.53 0.76 -8.06 | 15.39 0.69 -9.65 | 17.05 1.16 -7.90 | 19.06 1.42 -8.75 | 18.32 1.41 -7.83 | 17.51 1.50 -6.67 | 17.17 1.46 -6.39 | 16.50 1.54 -5.44 | 16.22 1.51 -5.25 | 15.06 1.23 -6.17 | 15.49 1.21 -6.87 | 17.15 1.25 -8.40 | 19.92 1.40 -9.88 | 20.63 1.48 -10.20 | 21.85 1.76 -9.39 | 21.62 1.97 -7.72 | 19.17 1.89 -5.43 | 16.29 1.66 -5.15 | 15.74 1.11 -8.26 |
| NSINS_S_GLNS_FALLS 23858 | 16.45 0.34 -11.77 | 14.70 0.30 -10.24 | 14.19 0.30 -9.74 | 13.24 0.30 -8.65 | 13.52 0.34 -8.50 | 16.51 0.33 -11.47 | 19.20 0.42 -13.72 | 19.92 0.69 -11.24 | 22.14 0.80 -12.44 | 21.00 0.78 -11.15 | 19.16 0.83 -8.98 | 19.07 0.83 -8.92 | 17.96 0.90 -7.54 | 17.62 0.90 -7.25 | 16.94 0.73 -8.54 | 17.18 0.70 -9.08 | 18.33 0.68 -10.15 | 19.50 0.86 -10.00 | 22.40 0.81 -12.64 | 23.82 0.91 -12.20 | 23.38 1.03 -10.43 | 17.89 0.98 -5.05 | 17.41 0.77 -7.16 | 17.41 0.48 -10.57 |
| NUCOR_STEEL____DRP 24197 | 5.43 0.02 -1.06 | 5.09 0.01 -0.92 | 5.04 0.02 -0.88 | 5.09 0.02 -0.78 | 5.49 0.04 -0.77 | 5.82 0.07 -1.03 | 6.38 0.09 -1.24 | 9.17 0.17 -1.01 | 10.17 0.15 -1.12 | 10.25 0.16 -1.00 | 10.32 0.16 -0.81 | 10.28 0.16 -0.81 | 10.36 0.16 -0.68 | 10.27 0.15 -0.65 | 8.57 0.13 -0.77 | 8.36 0.14 -0.82 | 8.56 0.15 -0.92 | 9.69 0.16 -0.90 | 10.23 0.13 -1.14 | 11.99 0.18 -1.10 | 13.08 0.21 -0.94 | 12.48 0.17 -0.46 | 10.26 0.13 -0.65 | 7.42 0.10 -0.95 |
| NYISO_LBMP_REFERENCE 24008 | 4.34 0.00 0.00 | 4.16 0.00 0.00 | 4.15 0.00 0.00 | 4.29 0.00 0.00 | 4.68 0.00 0.00 | 4.71 0.00 0.00 | 5.05 0.00 0.00 | 7.99 0.00 0.00 | 8.89 0.00 0.00 | 9.08 0.00 0.00 | 9.35 0.00 0.00 | 9.32 0.00 0.00 | 9.52 0.00 0.00 | 9.47 0.00 0.00 | 7.66 0.00 0.00 | 7.40 0.00 0.00 | 7.49 0.00 0.00 | 8.64 0.00 0.00 | 8.95 0.00 0.00 | 10.71 0.00 0.00 | 11.93 0.00 0.00 | 11.85 0.00 0.00 | 9.48 0.00 0.00 | 6.37 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 13.26 0.64 -8.27 | 11.97 0.61 -7.20 | 11.59 0.60 -6.85 | 11.29 0.64 -6.35 | 11.33 0.68 -5.98 | 13.47 0.70 -8.06 | 15.37 0.67 -9.65 | 17.00 1.11 -7.90 | 19.02 1.38 -8.75 | 18.26 1.35 -7.83 | 17.48 1.44 -6.69 | 17.14 1.41 -6.41 | 16.47 1.48 -5.47 | 16.20 1.46 -5.28 | 15.05 1.18 -6.20 | 15.48 1.18 -6.91 | 17.12 1.20 -8.43 | 19.87 1.34 -9.89 | 20.59 1.42 -10.21 | 21.80 1.69 -9.40 | 21.54 1.88 -7.72 | 19.10 1.80 -5.44 | 16.19 1.54 -5.17 | 15.66 1.04 -8.25 |
| NYPA_GOWANUS____GT5 24156 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NYPA_GOWANUS____GT6 24157 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |
| NYPA_HARLEM_RVR_GT1 24160 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.45 0.82 -8.74 | 17.77 0.86 -7.83 | 16.57 0.92 -6.30 | 16.51 0.92 -6.27 | 15.79 0.98 -5.29 | 15.53 0.98 -5.09 | 14.46 0.80 -6.00 | 14.54 0.77 -6.37 | 15.42 0.79 -7.13 | 16.51 0.85 -7.02 | 18.72 0.89 -8.88 | 20.31 1.05 -8.56 | 20.38 1.15 -7.31 | 16.57 1.17 -3.55 | 15.45 0.95 -5.02 | 14.58 0.79 -7.42 |
| NYPA_HARLEM_RVR_GT2 24161 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.45 0.82 -8.74 | 17.77 0.86 -7.83 | 16.57 0.92 -6.30 | 16.51 0.92 -6.27 | 15.79 0.98 -5.29 | 15.53 0.98 -5.09 | 14.46 0.80 -6.00 | 14.54 0.77 -6.37 | 15.42 0.79 -7.13 | 16.51 0.85 -7.02 | 18.72 0.89 -8.88 | 20.31 1.05 -8.56 | 20.38 1.15 -7.31 | 16.57 1.17 -3.55 | 15.45 0.95 -5.02 | 14.58 0.79 -7.42 |
| NYPA_KENT____GT 24152 | 13.05 0.45 -8.26 | 11.76 0.42 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.10 0.45 -5.97 | 13.24 0.48 -8.05 | 15.21 0.51 -9.65 | 16.65 0.77 -7.90 | 18.53 0.89 -8.75 | 17.85 0.94 -7.84 | 16.65 0.99 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.62 0.84 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.53 0.74 -7.42 |
| NYPA_POUCH1____GT 24155 | 13.04 0.44 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.19 0.49 -9.65 | 16.61 0.73 -7.90 | 18.49 0.85 -8.75 | 17.81 0.90 -7.84 | 16.61 0.95 -6.31 | 16.54 0.95 -6.27 | 15.83 1.01 -5.30 | 15.57 1.00 -5.09 | 14.49 0.82 -6.01 | 14.59 0.81 -6.38 | 15.46 0.83 -7.14 | 16.57 0.90 -7.03 | 18.79 0.95 -8.89 | 20.40 1.13 -8.56 | 20.49 1.24 -7.32 | 16.66 1.26 -3.55 | 15.51 1.00 -5.02 | 14.52 0.74 -7.42 |
| NYPA_VERNON____GT2 24162 | 13.05 0.45 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.66 0.77 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.53 0.86 -6.01 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.53 0.74 -7.42 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NYPA_VERNON____GT3 24163 | 13.05 0.45 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.66 0.77 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.53 0.86 -6.01 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.53 0.74 -7.42 |
| NYPA____ASTORIA_CC1 323568 | 13.05 0.45 -8.26 | 11.77 0.42 -7.19 | 11.39 0.41 -6.84 | 10.79 0.42 -6.07 | 11.11 0.46 -5.97 | 13.25 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.52 0.88 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.80 0.96 -8.89 | 20.40 1.13 -8.56 | 20.49 1.24 -7.32 | 16.66 1.26 -3.55 | 15.51 1.00 -5.02 | 14.54 0.75 -7.42 |
| NYPA____ASTORIA_CC2 323569 | 13.05 0.45 -8.26 | 11.77 0.42 -7.19 | 11.39 0.41 -6.84 | 10.79 0.42 -6.07 | 11.11 0.46 -5.97 | 13.25 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.52 0.88 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.80 0.96 -8.89 | 20.40 1.13 -8.56 | 20.49 1.24 -7.32 | 16.66 1.26 -3.55 | 15.51 1.00 -5.02 | 14.54 0.75 -7.42 |
| NYPA____HOLTSVILL 23794 | 13.27 0.65 -8.27 | 11.97 0.62 -7.20 | 11.60 0.61 -6.85 | 11.30 0.65 -6.36 | 11.35 0.69 -5.98 | 13.47 0.70 -8.06 | 15.35 0.65 -9.65 | 16.97 1.09 -7.90 | 18.99 1.35 -8.75 | 18.24 1.33 -7.83 | 17.43 1.41 -6.67 | 17.08 1.38 -6.39 | 16.42 1.46 -5.44 | 16.14 1.43 -5.24 | 14.99 1.16 -6.17 | 15.42 1.15 -6.87 | 17.07 1.18 -8.40 | 19.83 1.31 -9.88 | 20.54 1.39 -10.20 | 21.74 1.65 -9.39 | 21.49 1.84 -7.72 | 19.06 1.78 -5.43 | 16.18 1.56 -5.14 | 15.68 1.05 -8.26 |
| NYPA____HELLGATE_GT1 24158 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.45 0.82 -8.74 | 17.77 0.86 -7.83 | 16.57 0.92 -6.30 | 16.51 0.92 -6.27 | 15.79 0.98 -5.29 | 15.53 0.98 -5.09 | 14.46 0.80 -6.00 | 14.54 0.77 -6.37 | 15.42 0.79 -7.13 | 16.51 0.85 -7.02 | 18.72 0.89 -8.88 | 20.31 1.05 -8.56 | 20.38 1.15 -7.31 | 16.56 1.17 -3.53 | 15.45 0.95 -5.02 | 14.58 0.79 -7.42 |
| NYPA____HELLGATE_GT2 24159 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.57 0.69 -7.89 | 18.45 0.82 -8.74 | 17.77 0.86 -7.83 | 16.57 0.92 -6.30 | 16.51 0.92 -6.27 | 15.79 0.98 -5.29 | 15.53 0.98 -5.09 | 14.46 0.80 -6.00 | 14.54 0.77 -6.37 | 15.42 0.79 -7.13 | 16.51 0.85 -7.02 | 18.72 0.89 -8.88 | 20.31 1.05 -8.56 | 20.38 1.15 -7.31 | 16.56 1.17 -3.53 | 15.45 0.95 -5.02 | 14.58 0.79 -7.42 |
| NYS_BARGE____HYD 23848 | 5.37 -0.23 -1.25 | 5.02 -0.23 -1.09 | 4.99 -0.19 -1.04 | 5.02 -0.19 -0.92 | 5.41 -0.17 -0.90 | 5.81 -0.12 -1.22 | 6.30 -0.21 -1.46 | 8.85 -0.34 -1.19 | 9.62 -0.60 -1.32 | 9.65 -0.61 -1.18 | 9.68 -0.63 -0.95 | 9.65 -0.62 -0.95 | 9.65 -0.67 -0.80 | 9.59 -0.65 -0.77 | 8.13 -0.44 -0.91 | 8.00 -0.37 -0.97 | 8.18 -0.40 -1.09 | 9.26 -0.44 -1.07 | 9.74 -0.56 -1.35 | 11.33 -0.69 -1.30 | 12.26 -0.79 -1.12 | 11.47 -0.92 -0.54 | 9.63 -0.62 -0.77 | 7.12 -0.38 -1.13 |
| O.H._GEN_BRUCE 24063 | 5.50 -0.21 -1.36 | 5.14 -0.20 -1.19 | 5.10 -0.17 -1.13 | 5.12 -0.17 -1.00 | 5.51 -0.15 -0.98 | 5.93 -0.11 -1.33 | 6.48 -0.17 -1.60 | 9.01 -0.29 -1.31 | 9.80 -0.54 -1.45 | 9.34 -0.56 -0.83 | 9.00 -0.59 -0.24 | 9.00 -0.59 -0.27 | 9.00 -0.64 -0.12 | 8.10 -0.62 0.75 | 8.10 -0.43 -0.86 | 8.10 -0.36 -1.05 | 8.31 -0.36 -1.18 | 9.40 -0.40 -1.16 | 9.91 -0.51 -1.47 | 11.50 -0.62 -1.41 | 12.43 -0.70 -1.21 | 11.18 -0.86 -0.19 | 9.75 -0.56 -0.83 | 7.27 -0.32 -1.22 |
| OAK ORCHARD____HYD 24046 | 5.32 -0.06 -1.03 | 4.99 -0.07 -0.90 | 4.94 -0.06 -0.86 | 5.00 -0.05 -0.76 | 5.40 -0.02 -0.75 | 5.73 0.01 -1.01 | 6.24 0.01 -1.17 | 8.97 0.02 -0.96 | 9.85 -0.11 -1.06 | 9.92 -0.11 -0.95 | 9.98 -0.13 -0.77 | 9.96 -0.12 -0.76 | 10.01 -0.15 -0.64 | 9.95 -0.14 -0.62 | 8.31 -0.08 -0.73 | 8.13 -0.05 -0.78 | 8.31 -0.05 -0.87 | 9.46 -0.03 -0.86 | 9.94 -0.10 -1.08 | 11.69 -0.10 -1.08 | 12.74 -0.11 -0.92 | 12.09 -0.21 -0.45 | 10.00 -0.11 -0.63 | 7.24 -0.06 -0.93 |
| OCC_CHEM____DRP 24175 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| OLIN_CORP_DRP 24177 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| OLIN_CORP_DSASP 323712 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| ONEIDA_HERK_LFGE 323681 | 4.34 0.00 0.00 | 4.15 -0.01 0.00 | 4.13 -0.01 0.00 | 4.28 -0.01 0.00 | 4.70 0.02 0.00 | 4.75 0.04 0.00 | 5.12 0.07 0.00 | 8.10 0.11 0.00 | 9.04 0.14 0.00 | 9.17 0.09 0.00 | 9.45 0.10 0.00 | 9.43 0.11 0.00 | 9.61 0.10 0.00 | 9.57 0.10 0.00 | 7.76 0.09 0.00 | 7.48 0.08 0.00 | 7.58 0.09 0.00 | 8.71 0.08 0.00 | 9.01 0.05 0.00 | 10.77 0.06 0.00 | 11.99 0.06 0.00 | 12.04 0.19 0.00 | 9.59 0.10 0.00 | 6.43 0.06 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 5.28 0.02 -0.92 | 4.97 0.01 -0.80 | 4.92 0.01 -0.76 | 4.98 0.02 -0.68 | 5.38 0.04 -0.66 | 5.66 0.05 -0.90 | 6.19 0.07 -1.07 | 8.99 0.13 -0.88 | 9.99 0.12 -0.97 | 10.07 0.12 -0.87 | 10.17 0.12 -0.71 | 10.14 0.12 -0.70 | 10.23 0.11 -0.59 | 10.15 0.11 -0.57 | 8.43 0.09 -0.67 | 8.22 0.10 -0.71 | 8.39 0.10 -0.80 | 9.54 0.12 -0.79 | 10.04 0.09 -0.99 | 11.78 0.12 -0.95 | 12.89 0.14 -0.81 | 12.37 0.12 -0.39 | 10.13 0.09 -0.56 | 7.25 0.06 -0.83 |
| ONONDAGA____COGEN 23986 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ONTARIO___LFGE 23819 | 5.62 0.03 -1.24 | 5.26 0.02 -1.08 | 5.20 0.03 -1.03 | 5.24 0.04 -0.91 | 5.64 0.07 -0.89 | 6.02 0.10 -1.21 | 6.63 0.12 -1.45 | 9.39 0.22 -1.19 | 10.37 0.16 -1.32 | 10.41 0.15 -1.18 | 10.46 0.16 -0.95 | 10.41 0.15 -0.95 | 10.45 0.13 -0.80 | 10.36 0.12 -0.77 | 8.69 0.12 -0.91 | 8.50 0.13 -0.96 | 8.71 0.14 -1.08 | 9.88 0.18 -1.06 | 10.44 0.14 -1.34 | 12.17 0.18 -1.29 | 13.23 0.20 -1.10 | 12.51 0.12 -0.53 | 10.34 0.10 -0.75 | 7.56 0.08 -1.11 |
| ORANGEVILLE_WT_PWR 323706 | 5.77 -0.13 -1.56 | 5.38 -0.13 -1.36 | 5.32 -0.11 -1.29 | 5.33 -0.10 -1.15 | 5.73 -0.08 -1.13 | 6.20 -0.03 -1.52 | 6.85 -0.08 -1.87 | 9.42 -0.10 -1.53 | 10.30 -0.28 -1.69 | 10.29 -0.30 -1.52 | 10.26 -0.31 -1.22 | 10.23 -0.31 -1.21 | 10.19 -0.35 -1.03 | 10.11 -0.34 -0.99 | 8.63 -0.21 -1.17 | 8.49 -0.16 -1.24 | 8.72 -0.16 -1.39 | 9.83 -0.17 -1.37 | 10.42 -0.26 -1.73 | 12.02 -0.31 -1.62 | 12.96 -0.36 -1.39 | 12.03 -0.50 -0.67 | 10.13 -0.30 -0.95 | 7.61 -0.17 -1.41 |
| OSWEGATCHIE___HYD 24044 | 4.08 -0.26 0.00 | 3.91 -0.25 0.00 | 3.89 -0.25 0.00 | 4.02 -0.27 0.00 | 4.37 -0.31 0.00 | 4.41 -0.30 0.00 | 4.76 -0.29 0.00 | 7.56 -0.42 0.00 | 8.47 -0.43 0.00 | 8.60 -0.48 0.00 | 8.84 -0.50 0.00 | 8.83 -0.49 0.00 | 9.01 -0.50 0.00 | 8.98 -0.49 0.00 | 7.26 -0.41 0.00 | 6.98 -0.42 0.00 | 7.06 -0.43 0.00 | 8.13 -0.51 0.00 | 8.42 -0.54 0.00 | 10.04 -0.66 0.00 | 11.18 -0.75 0.00 | 11.29 -0.57 0.00 | 8.97 -0.51 0.00 | 5.99 -0.38 0.00 |
| OSWEGO___5 23606 | 4.88 -0.07 -0.60 | 4.61 -0.07 -0.53 | 4.57 -0.07 -0.50 | 4.67 -0.07 -0.44 | 5.05 -0.07 -0.44 | 5.24 -0.06 -0.59 | 5.70 -0.06 -0.70 | 8.48 -0.09 -0.58 | 9.42 -0.12 -0.64 | 9.52 -0.13 -0.57 | 9.68 -0.13 -0.46 | 9.65 -0.13 -0.46 | 9.77 -0.13 -0.39 | 9.71 -0.13 -0.37 | 8.00 -0.11 -0.44 | 7.77 -0.10 -0.47 | 7.92 -0.10 -0.52 | 9.05 -0.10 -0.51 | 9.48 -0.13 -0.65 | 11.19 -0.14 -0.63 | 12.31 -0.16 -0.54 | 11.94 -0.18 -0.26 | 9.72 -0.13 -0.37 | 6.82 -0.09 -0.54 |
| OSWEGO___6 23613 | 4.88 -0.07 -0.60 | 4.61 -0.07 -0.53 | 4.57 -0.07 -0.50 | 4.67 -0.07 -0.44 | 5.05 -0.07 -0.44 | 5.24 -0.06 -0.59 | 5.70 -0.06 -0.70 | 8.48 -0.09 -0.58 | 9.42 -0.12 -0.64 | 9.52 -0.13 -0.57 | 9.68 -0.13 -0.46 | 9.65 -0.13 -0.46 | 9.77 -0.13 -0.39 | 9.71 -0.13 -0.37 | 8.00 -0.11 -0.44 | 7.77 -0.10 -0.47 | 7.92 -0.10 -0.52 | 9.05 -0.10 -0.51 | 9.48 -0.13 -0.65 | 11.19 -0.14 -0.63 | 12.31 -0.16 -0.54 | 11.94 -0.18 -0.26 | 9.72 -0.13 -0.37 | 6.82 -0.09 -0.54 |
| OUTOKUMPU-AB___DRP 24206 | 5.46 -0.20 -1.31 | 5.11 -0.19 -1.14 | 5.08 -0.15 -1.08 | 5.10 -0.15 -0.96 | 5.50 -0.13 -0.95 | 5.91 -0.08 -1.28 | 6.43 -0.16 -1.53 | 9.02 -0.22 -1.26 | 9.82 -0.46 -1.39 | 9.85 -0.47 -1.25 | 9.87 -0.49 -1.00 | 9.84 -0.47 -1.00 | 9.83 -0.53 -0.84 | 9.77 -0.51 -0.81 | 8.30 -0.33 -0.96 | 8.16 -0.26 -1.02 | 8.35 -0.28 -1.14 | 9.45 -0.31 -1.13 | 9.95 -0.43 -1.42 | 11.55 -0.52 -1.37 | 12.49 -0.61 -1.17 | 11.66 -0.76 -0.57 | 9.80 -0.48 -0.80 | 7.25 -0.30 -1.18 |
| OXBOW___ 24026 | 5.41 -0.23 -1.30 | 5.06 -0.23 -1.13 | 5.03 -0.19 -1.08 | 5.05 -0.19 -0.96 | 5.45 -0.17 -0.94 | 5.85 -0.13 -1.27 | 6.36 -0.22 -1.52 | 8.90 -0.34 -1.25 | 9.68 -0.60 -1.38 | 9.71 -0.61 -1.24 | 9.72 -0.63 -1.00 | 9.70 -0.62 -0.99 | 9.69 -0.67 -0.84 | 9.62 -0.65 -0.80 | 8.18 -0.44 -0.95 | 8.05 -0.36 -1.01 | 8.24 -0.39 -1.13 | 9.32 -0.43 -1.12 | 9.80 -0.56 -1.41 | 11.38 -0.69 -1.36 | 12.31 -0.78 -1.16 | 11.49 -0.92 -0.56 | 9.66 -0.62 -0.80 | 7.16 -0.38 -1.18 |
| OXY_CHEM_DSASP 323612 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 5.35 -0.29 -1.29 | 5.01 -0.28 -1.13 | 4.98 -0.24 -1.07 | 5.00 -0.24 -0.95 | 5.38 -0.23 -0.93 | 5.78 -0.19 -1.26 | 6.28 -0.29 -1.51 | 8.76 -0.47 -1.24 | 9.51 -0.76 -1.37 | 9.54 -0.77 -1.23 | 9.53 -0.80 -0.99 | 9.51 -0.79 -0.98 | 9.50 -0.85 -0.83 | 9.45 -0.82 -0.80 | 8.03 -0.58 -0.95 | 7.90 -0.50 -1.01 | 8.09 -0.52 -1.13 | 9.16 -0.59 -1.11 | 9.63 -0.72 -1.40 | 11.18 -0.88 -1.35 | 12.08 -1.00 -1.15 | 11.29 -1.13 -0.56 | 9.51 -0.77 -0.79 | 7.06 -0.48 -1.17 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 13.08 0.47 -8.27 | 11.79 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.51 -8.06 | 15.22 0.52 -9.65 | 16.60 0.72 -7.89 | 18.47 0.84 -8.74 | 17.80 0.89 -7.83 | 16.60 0.94 -6.30 | 16.53 0.94 -6.27 | 15.80 0.99 -5.29 | 15.55 0.99 -5.09 | 14.47 0.81 -6.00 | 14.57 0.79 -6.37 | 15.44 0.82 -7.13 | 16.53 0.87 -7.02 | 18.75 0.92 -8.88 | 20.35 1.09 -8.56 | 20.43 1.19 -7.31 | 16.61 1.21 -3.55 | 15.48 0.98 -5.02 | 14.58 0.78 -7.42 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.60 0.72 -7.89 | 18.48 0.85 -8.74 | 17.80 0.90 -7.83 | 16.61 0.95 -6.30 | 16.54 0.95 -6.27 | 15.81 1.00 -5.29 | 15.55 0.99 -5.09 | 14.47 0.81 -6.00 | 14.56 0.78 -6.37 | 15.42 0.80 -7.13 | 16.53 0.87 -7.02 | 18.74 0.91 -8.88 | 20.33 1.07 -8.56 | 20.43 1.19 -7.31 | 16.60 1.20 -3.55 | 15.46 0.96 -5.02 | 14.58 0.78 -7.42 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 5.68 -0.09 -1.42 | 5.31 -0.09 -1.24 | 5.26 -0.06 -1.18 | 5.29 -0.05 -1.05 | 5.70 -0.01 -1.03 | 6.13 0.04 -1.39 | 6.72 -0.01 -1.67 | 9.39 0.03 -1.37 | 10.24 -0.17 -1.52 | 10.26 -0.18 -1.36 | 10.26 -0.18 -1.09 | 10.24 -0.17 -1.09 | 10.21 -0.23 -0.92 | 10.14 -0.22 -0.88 | 8.61 -0.10 -1.05 | 8.47 -0.04 -1.11 | 8.68 -0.05 -1.24 | 9.81 -0.05 -1.23 | 10.35 -0.15 -1.55 | 12.02 -0.17 -1.48 | 12.98 -0.21 -1.27 | 12.07 -0.40 -0.61 | 10.14 -0.21 -0.87 | 7.56 -0.10 -1.28 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 13.26 0.42 -8.50 | 11.94 0.39 -7.39 | 11.56 0.39 -7.03 | 10.94 0.40 -6.25 | 11.25 0.43 -6.14 | 13.44 0.46 -8.28 | 15.49 0.51 -9.92 | 16.93 0.82 -8.13 | 18.86 0.97 -9.00 | 18.14 1.00 -8.06 | 16.87 1.03 -6.49 | 16.80 1.03 -6.45 | 16.02 1.05 -5.45 | 15.74 1.03 -5.24 | 14.65 0.80 -6.18 | 14.75 0.78 -6.56 | 15.66 0.82 -7.34 | 16.80 0.93 -7.23 | 19.11 1.02 -9.14 | 20.74 1.23 -8.81 | 20.81 1.36 -7.53 | 16.82 1.32 -3.65 | 15.67 1.02 -5.17 | 14.68 0.69 -7.63 |
| PEEKSKILL___ 23653 | 12.89 0.36 -8.18 | 11.62 0.34 -7.12 | 11.25 0.34 -6.77 | 10.65 0.35 -6.01 | 10.97 0.38 -5.91 | 13.08 0.40 -7.97 | 15.05 0.44 -9.55 | 16.50 0.69 -7.82 | 18.37 0.81 -8.66 | 17.68 0.84 -7.76 | 16.48 0.88 -6.25 | 16.41 0.88 -6.21 | 15.68 0.91 -5.25 | 15.42 0.91 -5.04 | 14.34 0.73 -5.95 | 14.43 0.71 -6.32 | 15.30 0.74 -7.07 | 16.42 0.82 -6.96 | 18.63 0.88 -8.80 | 20.24 1.05 -8.48 | 20.33 1.16 -7.25 | 16.49 1.13 -3.51 | 15.36 0.90 -4.97 | 14.33 0.62 -7.34 |
| PGE MADISON___WINDPWR 24146 | 7.11 0.14 -2.62 | 6.55 0.11 -2.28 | 6.42 0.10 -2.17 | 6.33 0.11 -1.93 | 6.77 0.20 -1.89 | 7.50 0.24 -2.55 | 8.42 0.29 -3.07 | 10.95 0.45 -2.52 | 12.18 0.50 -2.79 | 11.95 0.38 -2.50 | 11.75 0.39 -2.01 | 11.73 0.41 -2.00 | 11.60 0.39 -1.69 | 11.49 0.40 -1.62 | 9.91 0.34 -1.91 | 9.74 0.31 -2.03 | 10.09 0.32 -2.27 | 11.25 0.37 -2.24 | 12.13 0.35 -2.83 | 13.87 0.45 -2.72 | 14.75 0.50 -2.32 | 13.69 0.71 -1.12 | 11.58 0.50 -1.59 | 9.05 0.33 -2.35 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 3.97 -0.37 0.00 | 3.82 -0.34 0.00 | 3.80 -0.34 0.00 | 3.92 -0.37 0.00 | 4.20 -0.48 0.00 | 4.22 -0.49 0.00 | 4.54 -0.51 0.00 | 7.26 -0.73 0.00 | 8.15 -0.75 0.00 | 8.31 -0.77 0.00 | 8.53 -0.82 0.00 | 8.50 -0.82 0.00 | 8.69 -0.83 0.00 | 8.65 -0.81 0.00 | 6.99 -0.67 0.00 | 6.71 -0.70 0.00 | 6.77 -0.73 0.00 | 7.82 -0.82 0.00 | 8.12 -0.83 0.00 | 9.68 -1.03 0.00 | 10.77 -1.16 0.00 | 10.86 -1.00 0.00 | 8.63 -0.85 0.00 | 5.74 -0.62 0.00 |
| PINELAWN_CC_1 323563 | 13.18 0.56 -8.27 | 11.89 0.53 -7.20 | 11.51 0.52 -6.85 | 11.19 0.56 -6.34 | 11.25 0.59 -5.98 | 13.38 0.61 -8.06 | 15.29 0.59 -9.65 | 16.87 0.98 -7.90 | 18.87 1.23 -8.75 | 18.14 1.23 -7.84 | 17.46 1.29 -6.83 | 17.16 1.28 -6.56 | 16.51 1.33 -5.66 | 16.26 1.32 -5.48 | 15.16 1.06 -6.43 | 15.61 1.06 -7.15 | 17.19 1.07 -8.62 | 19.79 1.19 -9.96 | 20.49 1.26 -10.28 | 21.70 1.51 -9.48 | 21.36 1.68 -7.75 | 19.02 1.61 -5.55 | 16.18 1.37 -5.34 | 15.51 0.93 -8.22 |
| PJM_GEN_HTTP_PROXY 323702 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.96 -7.83 | 16.66 1.00 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.51 0.84 -6.00 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.53 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.49 0.71 -7.42 |
| PJM_GEN_KEystone 24065 | 9.58 0.14 -5.09 | 8.72 0.13 -4.43 | 8.49 0.13 -4.21 | 8.18 0.15 -3.74 | 8.53 0.17 -3.68 | 9.87 0.20 -4.96 | 11.21 0.21 -5.95 | 13.17 0.31 -4.88 | 14.58 0.28 -5.40 | 14.20 0.29 -4.84 | 13.55 0.31 -3.90 | 13.50 0.31 -3.87 | 13.10 0.31 -3.27 | 12.93 0.31 -3.14 | 11.64 0.28 -3.70 | 11.62 0.29 -3.93 | 12.20 0.31 -4.40 | 13.30 0.34 -4.33 | 14.76 0.33 -5.47 | 16.36 0.38 -5.27 | 16.86 0.43 -4.50 | 14.37 0.33 -2.18 | 12.90 0.32 -3.09 | 11.18 0.25 -4.56 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 13.09 0.49 -8.26 | 11.81 0.46 -7.19 | 11.43 0.45 -6.84 | 10.91 0.49 -6.13 | 11.16 0.51 -5.97 | 13.28 0.52 -8.05 | 15.21 0.51 -9.65 | 16.73 0.85 -7.90 | 18.71 1.08 -8.74 | 17.99 1.08 -7.83 | 17.07 1.14 -6.58 | 16.63 1.13 -6.19 | 15.89 1.18 -5.19 | 15.62 1.17 -4.98 | 14.49 0.95 -5.88 | 15.00 0.93 -6.67 | 16.30 0.94 -7.87 | 19.37 1.03 -9.71 | 20.06 1.08 -10.03 | 21.31 1.28 -9.32 | 21.01 1.44 -7.64 | 18.39 1.40 -5.14 | 15.59 1.19 -4.93 | 14.93 0.82 -7.75 |
| PJM_GEN_VFT_PROXY 323633 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.90 1.08 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.44 1.17 -8.56 | 20.53 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |
| PLEASANTVLY___LBMP 24000 | 13.29 0.36 -8.58 | 11.97 0.34 -7.47 | 11.58 0.34 -7.10 | 10.95 0.35 -6.31 | 11.26 0.38 -6.20 | 13.48 0.41 -8.36 | 15.51 0.44 -10.02 | 16.88 0.69 -8.21 | 18.78 0.80 -9.09 | 18.04 0.83 -8.14 | 16.76 0.86 -6.56 | 16.69 0.86 -6.52 | 15.92 0.89 -5.51 | 15.65 0.89 -5.29 | 14.62 0.71 -6.24 | 14.72 0.70 -6.63 | 15.63 0.73 -7.41 | 16.74 0.80 -7.30 | 19.03 0.85 -9.23 | 20.62 1.02 -8.89 | 20.65 1.12 -7.60 | 16.64 1.10 -3.68 | 15.57 0.87 -5.22 | 14.67 0.60 -7.70 |
| PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020 | 13.06 0.39 -8.32 | 11.77 0.37 -7.24 | 11.39 0.36 -6.89 | 10.79 0.38 -6.12 | 11.10 0.41 -6.01 | 13.25 0.43 -8.11 | 15.25 0.47 -9.72 | 16.69 0.74 -7.96 | 18.57 0.86 -8.81 | 17.87 0.90 -7.89 | 16.64 0.93 -6.36 | 16.57 0.93 -6.32 | 15.83 0.97 -5.34 | 15.57 0.97 -5.13 | 14.49 0.77 -6.05 | 14.59 0.76 -6.43 | 15.47 0.79 -7.19 | 16.59 0.87 -7.08 | 18.83 0.93 -8.95 | 20.43 1.10 -8.62 | 20.53 1.23 -7.37 | 16.62 1.20 -3.57 | 15.50 0.96 -5.06 | 14.49 0.66 -7.47 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 13.55 0.40 -8.81 | 12.20 0.37 -7.67 | 11.80 0.36 -7.29 | 11.15 0.38 -6.48 | 11.46 0.42 -6.37 | 13.74 0.44 -8.59 | 15.83 0.49 -10.29 | 17.18 0.76 -8.43 | 19.12 0.89 -9.33 | 18.36 0.92 -8.36 | 17.03 0.94 -6.74 | 16.95 0.94 -6.69 | 16.15 0.97 -5.66 | 15.86 0.96 -5.44 | 14.84 0.77 -6.41 | 14.95 0.74 -6.81 | 15.89 0.78 -7.62 | 17.02 0.88 -7.50 | 19.39 0.96 -9.48 | 20.98 1.13 -9.14 | 20.99 1.25 -7.81 | 16.85 1.21 -3.78 | 15.79 0.95 -5.36 | 14.92 0.64 -7.91 |
| POLETTI____ 23519 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.69 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.84 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.90 1.08 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.51 0.88 -7.14 | 16.62 0.95 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.54 1.03 -5.02 | 14.50 0.72 -7.42 |
| PORT_JEFF_3 23555 | 13.28 0.66 -8.27 | 11.99 0.63 -7.20 | 11.61 0.61 -6.85 | 11.31 0.66 -6.36 | 11.35 0.70 -5.98 | 13.48 0.71 -8.06 | 15.36 0.66 -9.65 | 17.00 1.11 -7.90 | 19.01 1.37 -8.75 | 18.26 1.35 -7.83 | 17.45 1.43 -6.67 | 17.11 1.41 -6.39 | 16.45 1.48 -5.44 | 16.16 1.45 -5.25 | 15.02 1.18 -6.17 | 15.44 1.17 -6.87 | 17.09 1.20 -8.40 | 19.86 1.34 -9.88 | 20.58 1.42 -10.20 | 21.78 1.68 -9.39 | 21.53 1.88 -7.72 | 19.10 1.81 -5.43 | 16.21 1.58 -5.15 | 15.70 1.07 -8.26 |
| PORT_JEFF_4 23616 | 13.28 0.66 -8.27 | 11.99 0.63 -7.20 | 11.61 0.61 -6.85 | 11.31 0.66 -6.36 | 11.35 0.70 -5.98 | 13.48 0.71 -8.06 | 15.36 0.66 -9.65 | 17.00 1.11 -7.90 | 19.01 1.37 -8.75 | 18.26 1.35 -7.83 | 17.45 1.43 -6.67 | 17.11 1.41 -6.39 | 16.45 1.48 -5.44 | 16.16 1.45 -5.25 | 15.02 1.18 -6.17 | 15.44 1.17 -6.87 | 17.09 1.20 -8.40 | 19.86 1.34 -9.88 | 20.58 1.42 -10.20 | 21.78 1.68 -9.39 | 21.53 1.88 -7.72 | 19.10 1.81 -5.43 | 16.21 1.58 -5.15 | 15.70 1.07 -8.26 |
| PORT_JEFF_IC 23713 | 13.29 0.68 -8.27 | 12.00 0.64 -7.20 | 11.62 0.63 -6.85 | 11.32 0.68 -6.36 | 11.37 0.72 -5.98 | 13.50 0.73 -8.06 | 15.38 0.68 -9.65 | 17.02 1.13 -7.90 | 19.04 1.40 -8.75 | 18.30 1.39 -7.83 | 17.50 1.48 -6.67 | 17.16 1.44 -6.39 | 16.49 1.52 -5.45 | 16.21 1.49 -5.25 | 15.05 1.21 -6.18 | 15.48 1.20 -6.88 | 17.13 1.23 -8.41 | 19.90 1.38 -9.89 | 20.63 1.47 -10.20 | 21.83 1.73 -9.39 | 21.58 1.93 -7.72 | 19.16 1.87 -5.43 | 16.25 1.62 -5.15 | 15.72 1.10 -8.26 |
| PPL PILGRIM_ST_GT1 24216 | 13.26 0.64 -8.27 | 11.97 0.61 -7.20 | 11.59 0.60 -6.85 | 11.29 0.64 -6.35 | 11.33 0.68 -5.98 | 13.47 0.70 -8.06 | 15.37 0.67 -9.65 | 17.00 1.11 -7.90 | 19.02 1.38 -8.75 | 18.26 1.35 -7.83 | 17.48 1.44 -6.69 | 17.14 1.41 -6.41 | 16.47 1.48 -5.47 | 16.20 1.46 -5.28 | 15.05 1.18 -6.20 | 15.48 1.18 -6.91 | 17.12 1.20 -8.43 | 19.87 1.34 -9.89 | 20.59 1.42 -10.21 | 21.80 1.69 -9.40 | 21.54 1.88 -7.72 | 19.10 1.80 -5.44 | 16.19 1.54 -5.17 | 15.66 1.04 -8.25 |
| PPL PILGRIM_ST_GT2 24217 | 13.26 0.64 -8.27 | 11.97 0.61 -7.20 | 11.59 0.60 -6.85 | 11.29 0.64 -6.35 | 11.33 0.68 -5.98 | 13.47 0.70 -8.06 | 15.37 0.67 -9.65 | 17.00 1.11 -7.90 | 19.02 1.38 -8.75 | 18.26 1.35 -7.83 | 17.48 1.44 -6.69 | 17.14 1.41 -6.41 | 16.47 1.48 -5.47 | 16.20 1.46 -5.28 | 15.05 1.18 -6.20 | 15.48 1.18 -6.91 | 17.12 1.20 -8.43 | 19.87 1.34 -9.89 | 20.59 1.42 -10.21 | 21.80 1.69 -9.40 | 21.54 1.88 -7.72 | 19.10 1.80 -5.44 | 16.19 1.54 -5.17 | 15.66 1.04 -8.25 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| PPL_SHRM_GT3 24213 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.39 0.73 -5.98 | 13.52 0.75 -8.06 | 15.39 0.69 -9.65 | 17.04 1.15 -7.90 | 19.06 1.42 -8.75 | 18.31 1.40 -7.83 | 17.50 1.49 -6.67 | 17.16 1.45 -6.39 | 16.50 1.53 -5.44 | 16.22 1.51 -5.25 | 15.06 1.22 -6.17 | 15.48 1.21 -6.87 | 17.14 1.24 -8.41 | 19.91 1.39 -9.88 | 20.62 1.47 -10.20 | 21.84 1.75 -9.39 | 21.61 1.96 -7.72 | 19.16 1.87 -5.43 | 16.28 1.65 -5.15 | 15.73 1.11 -8.26 |
| PPL_SHRM_GT4 24214 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.39 0.73 -5.98 | 13.52 0.75 -8.06 | 15.39 0.69 -9.65 | 17.04 1.15 -7.90 | 19.06 1.42 -8.75 | 18.31 1.40 -7.83 | 17.50 1.49 -6.67 | 17.16 1.45 -6.39 | 16.50 1.53 -5.44 | 16.22 1.51 -5.25 | 15.06 1.22 -6.17 | 15.48 1.21 -6.87 | 17.14 1.24 -8.41 | 19.91 1.39 -9.88 | 20.62 1.47 -10.20 | 21.84 1.75 -9.39 | 21.61 1.96 -7.72 | 19.16 1.87 -5.43 | 16.28 1.65 -5.15 | 15.73 1.11 -8.26 |
| PROJECT___ORANGE 1 24174 | 5.07 0.00 -0.72 | 4.78 -0.01 -0.63 | 4.73 -0.01 -0.60 | 4.82 0.00 -0.53 | 5.22 0.01 -0.52 | 5.45 0.03 -0.70 | 5.94 0.04 -0.84 | 8.79 0.11 -0.69 | 9.77 0.11 -0.76 | 9.86 0.10 -0.68 | 10.00 0.09 -0.56 | 9.97 0.09 -0.55 | 10.08 0.10 -0.47 | 10.01 0.09 -0.45 | 8.27 0.08 -0.53 | 8.05 0.08 -0.56 | 8.21 0.08 -0.63 | 9.36 0.10 -0.62 | 9.78 0.04 -0.79 | 11.52 0.06 -0.75 | 12.65 0.08 -0.64 | 12.21 0.05 -0.31 | 9.96 0.04 -0.44 | 7.04 0.03 -0.65 |
| PROJECT___ORANGE 2 24166 | 5.07 0.00 -0.72 | 4.78 -0.01 -0.63 | 4.73 -0.01 -0.60 | 4.82 0.00 -0.53 | 5.22 0.01 -0.52 | 5.45 0.03 -0.70 | 5.94 0.04 -0.84 | 8.79 0.11 -0.69 | 9.77 0.11 -0.76 | 9.86 0.10 -0.68 | 10.00 0.09 -0.56 | 9.97 0.09 -0.55 | 10.08 0.10 -0.47 | 10.01 0.09 -0.45 | 8.27 0.08 -0.53 | 8.05 0.08 -0.56 | 8.21 0.08 -0.63 | 9.36 0.10 -0.62 | 9.78 0.04 -0.79 | 11.52 0.06 -0.75 | 12.65 0.08 -0.64 | 12.21 0.05 -0.31 | 9.96 0.04 -0.44 | 7.04 0.03 -0.65 |
| PYRITES___HYD 24023 | 4.02 -0.33 0.00 | 3.86 -0.30 0.00 | 3.85 -0.30 0.00 | 3.96 -0.33 0.00 | 4.25 -0.43 0.00 | 4.27 -0.44 0.00 | 4.60 -0.45 0.00 | 7.36 -0.63 0.00 | 8.25 -0.64 0.00 | 8.41 -0.67 0.00 | 8.64 -0.71 0.00 | 8.61 -0.71 0.00 | 8.81 -0.71 0.00 | 8.77 -0.70 0.00 | 7.08 -0.58 0.00 | 6.79 -0.61 0.00 | 6.85 -0.64 0.00 | 7.92 -0.72 0.00 | 8.22 -0.73 0.00 | 9.80 -0.91 0.00 | 10.89 -1.04 0.00 | 11.01 -0.84 0.00 | 8.74 -0.74 0.00 | 5.82 -0.55 0.00 |
| RAMAPO___LBMP 323565 | 12.65 0.35 -7.96 | 11.41 0.33 -6.93 | 11.05 0.32 -6.59 | 10.48 0.33 -5.85 | 10.79 0.37 -5.75 | 12.85 0.39 -7.76 | 14.77 0.42 -9.30 | 16.26 0.66 -7.61 | 18.10 0.77 -8.43 | 17.44 0.81 -7.55 | 16.27 0.84 -6.08 | 16.20 0.84 -6.05 | 15.50 0.88 -5.11 | 15.25 0.87 -4.91 | 14.15 0.70 -5.79 | 14.23 0.68 -6.15 | 15.08 0.71 -6.88 | 16.20 0.79 -6.78 | 18.36 0.84 -8.56 | 19.95 1.00 -8.25 | 20.09 1.11 -7.05 | 16.35 1.08 -3.42 | 15.18 0.85 -4.84 | 14.10 0.59 -7.15 |
| RANKINE____ 23646 | 5.59 -0.15 -1.39 | 5.22 -0.15 -1.21 | 5.18 -0.12 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.08 -1.00 | 6.04 -0.03 -1.35 | 6.60 -0.09 -1.63 | 9.23 -0.10 -1.34 | 10.06 -0.32 -1.48 | 10.08 -0.33 -1.33 | 10.07 -0.35 -1.07 | 10.05 -0.34 -1.06 | 10.03 -0.39 -0.90 | 9.95 -0.38 -0.86 | 8.48 -0.21 -1.03 | 8.34 -0.15 -1.09 | 8.55 -0.16 -1.22 | 9.66 -0.17 -1.20 | 10.19 -0.28 -1.52 | 11.83 -0.33 -1.45 | 12.78 -0.39 -1.24 | 11.89 -0.57 -0.60 | 10.00 -0.33 -0.85 | 7.44 -0.18 -1.26 |
| RAVENSWOOD_GT2_1 24244 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT2_2 24245 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT2_3 24246 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.95 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |
| RAVENSWOOD_GT2_4 24247 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.56 0.92 -8.75 | 17.87 0.95 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |
| RAVENSWOOD_GT3_1 24248 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT3_2 24249 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT3_3 24250 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.38 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.89 1.07 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.01 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.61 0.94 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |
| RAVENSWOOD_GT3_4 24251 | 13.04 0.43 -8.26 | 11.75 0.40 -7.19 | 11.38 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.89 1.07 -5.30 | 15.61 1.05 -5.09 | 14.52 0.85 -6.01 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.61 0.94 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.50 0.72 -7.42 |

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|---|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_1 23729 | 13.05 0.45 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.66 0.77 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.67 1.01 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.05 -5.09 | 14.53 0.86 -6.01 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.53 0.74 -7.42 |
| RAVENSWOOD_GT_10 24258 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT_11 24259 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT_4 24252 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.66 1.00 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| RAVENSWOOD_GT_5 24254 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.66 1.00 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| RAVENSWOOD_GT_6 24253 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.66 1.00 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| RAVENSWOOD_GT_7 24255 | 13.03 0.42 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.08 0.44 -5.97 | 13.22 0.46 -8.05 | 15.21 0.51 -9.65 | 16.68 0.79 -7.90 | 18.56 0.92 -8.75 | 17.88 0.96 -7.84 | 16.66 1.00 -6.31 | 16.60 1.01 -6.27 | 15.88 1.06 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.49 0.86 -7.14 | 16.60 0.93 -7.03 | 18.83 0.99 -8.89 | 20.45 1.18 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.49 0.71 -7.42 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD_GT_9 24257 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.40 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD___1 23533 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.77 -7.90 | 18.54 0.90 -8.75 | 17.86 0.94 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.62 0.84 -6.38 | 15.49 0.86 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.43 1.16 -8.56 | 20.52 1.28 -7.32 | 16.67 1.27 -3.55 | 15.53 1.02 -5.02 | 14.53 0.74 -7.42 |
| RAVENSWOOD___2 23534 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.39 0.41 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.77 -7.90 | 18.53 0.89 -8.75 | 17.85 0.94 -7.84 | 16.65 0.99 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.43 1.16 -8.56 | 20.51 1.26 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.53 0.74 -7.42 |
| RAVENSWOOD___3 23535 | 13.03 0.43 -8.26 | 11.75 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.21 0.51 -9.65 | 16.67 0.78 -7.90 | 18.55 0.91 -8.75 | 17.87 0.95 -7.84 | 16.66 1.00 -6.31 | 16.59 1.00 -6.27 | 15.87 1.05 -5.30 | 15.61 1.04 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.60 0.93 -7.03 | 18.82 0.98 -8.89 | 20.44 1.17 -8.56 | 20.54 1.29 -7.32 | 16.67 1.27 -3.55 | 15.52 1.02 -5.02 | 14.50 0.71 -7.42 |
| RAVENSWOOD___4 23820 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.53 0.89 -8.75 | 17.85 0.94 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.81 0.97 -8.89 | 20.42 1.15 -8.56 | 20.50 1.25 -7.32 | 16.66 1.26 -3.55 | 15.52 1.02 -5.02 | 14.53 0.74 -7.42 |
| RCPI_TRUST___DRP 24196 | 13.03 0.43 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.68 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.83 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.89 1.07 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.50 0.71 -7.42 |
| RENSSELAER___COGEN 23796 | 15.62 0.24 -11.04 | 13.99 0.23 -9.60 | 13.51 0.23 -9.13 | 12.64 0.24 -8.11 | 12.92 0.27 -7.97 | 15.73 0.27 -10.75 | 18.20 0.26 -12.89 | 18.95 0.41 -10.55 | 20.99 0.41 -11.68 | 19.95 0.41 -10.47 | 18.20 0.42 -8.43 | 18.13 0.43 -8.38 | 17.05 0.45 -7.08 | 16.72 0.45 -6.80 | 16.06 0.38 -8.02 | 16.29 0.36 -8.52 | 17.39 0.36 -9.53 | 18.44 0.41 -9.39 | 21.24 0.42 -11.87 | 22.65 0.50 -11.44 | 22.26 0.56 -9.78 | 17.14 0.55 -4.74 | 16.68 0.49 -6.71 | 16.59 0.32 -9.91 |

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|--|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| REVERE_CPPR_DRP 24186 | 4.64 0.05 -0.24 | 4.41 0.04 -0.21 | 4.38 0.04 -0.20 | 4.51 0.04 -0.18 | 4.94 0.08 -0.17 | 5.05 0.11 -0.23 | 5.48 0.14 -0.28 | 8.45 0.23 -0.23 | 9.42 0.27 -0.25 | 9.52 0.22 -0.23 | 9.77 0.23 -0.19 | 9.75 0.24 -0.18 | 9.90 0.23 -0.16 | 9.85 0.23 -0.15 | 8.03 0.19 -0.18 | 7.77 0.19 -0.19 | 7.90 0.19 -0.21 | 9.05 0.21 -0.21 | 9.38 0.17 -0.26 | 11.17 0.21 -0.25 | 12.37 0.23 -0.21 | 12.29 0.33 -0.10 | 9.85 0.22 -0.15 | 6.72 0.13 -0.22 |
| RIVERBAY____ 323610 | 13.08 0.47 -8.27 | 11.80 0.44 -7.20 | 11.42 0.43 -6.84 | 10.82 0.45 -6.08 | 11.14 0.49 -5.97 | 13.28 0.52 -8.06 | 15.21 0.51 -9.65 | 16.60 0.72 -7.89 | 18.48 0.85 -8.74 | 17.80 0.90 -7.83 | 16.61 0.95 -6.30 | 16.54 0.95 -6.27 | 15.81 1.00 -5.29 | 15.55 0.99 -5.09 | 14.47 0.81 -6.00 | 14.56 0.78 -6.37 | 15.42 0.80 -7.13 | 16.53 0.87 -7.02 | 18.74 0.91 -8.88 | 20.33 1.07 -8.56 | 20.43 1.19 -7.31 | 16.60 1.20 -3.55 | 15.46 0.96 -5.02 | 14.58 0.78 -7.42 |
| ROCHESTER_9_IC 23652 | 5.32 -0.05 -1.03 | 4.99 -0.06 -0.90 | 4.94 -0.05 -0.85 | 5.00 -0.04 -0.76 | 5.40 -0.02 -0.74 | 5.74 0.02 -1.00 | 6.24 0.02 -1.17 | 8.97 0.03 -0.96 | 9.86 -0.10 -1.06 | 9.94 -0.09 -0.95 | 9.99 -0.12 -0.76 | 9.97 -0.11 -0.76 | 10.03 -0.13 -0.64 | 9.96 -0.12 -0.62 | 8.32 -0.07 -0.73 | 8.13 -0.04 -0.77 | 8.32 -0.04 -0.87 | 9.47 -0.02 -0.85 | 9.95 -0.08 -1.08 | 11.70 -0.07 -1.07 | 12.75 -0.10 -0.91 | 12.10 -0.20 -0.44 | 10.01 -0.10 -0.63 | 7.24 -0.05 -0.93 |
| ROSETON____1 23587 | 12.97 0.35 -8.27 | 11.69 0.33 -7.20 | 11.31 0.32 -6.84 | 10.71 0.34 -6.08 | 11.02 0.37 -5.97 | 13.16 0.39 -8.06 | 15.14 0.42 -9.66 | 16.56 0.66 -7.91 | 18.43 0.77 -8.76 | 17.72 0.80 -7.84 | 16.50 0.83 -6.32 | 16.44 0.84 -6.28 | 15.69 0.87 -5.31 | 15.43 0.86 -5.10 | 14.37 0.69 -6.01 | 14.46 0.67 -6.39 | 15.34 0.70 -7.15 | 16.45 0.78 -7.04 | 18.68 0.83 -8.90 | 20.26 0.98 -8.57 | 20.34 1.09 -7.33 | 16.47 1.07 -3.55 | 15.35 0.84 -5.03 | 14.37 0.58 -7.42 |
| ROSETON____2 23588 | 12.97 0.35 -8.27 | 11.69 0.33 -7.20 | 11.31 0.32 -6.84 | 10.71 0.34 -6.08 | 11.02 0.37 -5.97 | 13.16 0.39 -8.06 | 15.14 0.42 -9.66 | 16.56 0.66 -7.91 | 18.43 0.77 -8.76 | 17.72 0.80 -7.84 | 16.50 0.83 -6.32 | 16.44 0.84 -6.28 | 15.69 0.87 -5.31 | 15.43 0.86 -5.10 | 14.37 0.69 -6.01 | 14.46 0.67 -6.39 | 15.34 0.70 -7.15 | 16.45 0.78 -7.04 | 18.68 0.83 -8.90 | 20.26 0.98 -8.57 | 20.34 1.09 -7.33 | 16.47 1.07 -3.55 | 15.35 0.84 -5.03 | 14.37 0.58 -7.42 |
| RUSSELL____1 23602 | 5.34 -0.04 -1.03 | 5.00 -0.05 -0.90 | 4.96 -0.04 -0.85 | 5.02 -0.03 -0.76 | 5.42 0.00 -0.74 | 5.75 0.04 -1.00 | 6.26 0.04 -1.17 | 9.01 0.06 -0.96 | 9.89 -0.06 -1.06 | 9.97 -0.05 -0.95 | 10.03 -0.08 -0.76 | 10.00 -0.07 -0.76 | 10.07 -0.10 -0.64 | 10.00 -0.09 -0.62 | 8.36 -0.04 -0.73 | 8.17 -0.01 -0.77 | 8.35 -0.01 -0.87 | 9.51 0.02 -0.85 | 10.00 -0.04 -1.08 | 11.76 -0.02 -1.07 | 12.81 -0.04 -0.91 | 12.16 -0.14 -0.44 | 10.05 -0.06 -0.63 | 7.27 -0.03 -0.93 |
| RUSSELL____2 23532 | 5.34 -0.04 -1.03 | 5.00 -0.05 -0.90 | 4.96 -0.04 -0.85 | 5.02 -0.03 -0.76 | 5.42 0.00 -0.74 | 5.75 0.04 -1.00 | 6.26 0.04 -1.17 | 9.01 0.06 -0.96 | 9.89 -0.06 -1.06 | 9.97 -0.05 -0.95 | 10.03 -0.08 -0.76 | 10.00 -0.07 -0.76 | 10.07 -0.10 -0.64 | 10.00 -0.09 -0.62 | 8.36 -0.04 -0.73 | 8.17 -0.01 -0.77 | 8.35 -0.01 -0.87 | 9.51 0.02 -0.85 | 10.00 -0.04 -1.08 | 11.76 -0.02 -1.07 | 12.81 -0.04 -0.91 | 12.16 -0.14 -0.44 | 10.05 -0.06 -0.63 | 7.27 -0.03 -0.93 |
| RUSSELL____3 23549 | 5.34 -0.04 -1.03 | 5.00 -0.05 -0.90 | 4.96 -0.04 -0.85 | 5.02 -0.03 -0.76 | 5.42 0.00 -0.74 | 5.75 0.04 -1.00 | 6.26 0.04 -1.17 | 9.01 0.06 -0.96 | 9.89 -0.06 -1.06 | 9.97 -0.05 -0.95 | 10.03 -0.08 -0.76 | 10.00 -0.07 -0.76 | 10.07 -0.10 -0.64 | 10.00 -0.09 -0.62 | 8.36 -0.04 -0.73 | 8.17 -0.01 -0.77 | 8.35 -0.01 -0.87 | 9.51 0.02 -0.85 | 10.00 -0.04 -1.08 | 11.76 -0.02 -1.07 | 12.81 -0.04 -0.91 | 12.16 -0.14 -0.44 | 10.05 -0.06 -0.63 | 7.27 -0.03 -0.93 |
| RUSSELL____4 23556 | 5.34 -0.04 -1.03 | 5.00 -0.05 -0.90 | 4.96 -0.04 -0.85 | 5.02 -0.03 -0.76 | 5.42 0.00 -0.74 | 5.75 0.04 -1.00 | 6.26 0.04 -1.17 | 9.01 0.06 -0.96 | 9.89 -0.06 -1.06 | 9.97 -0.05 -0.95 | 10.03 -0.08 -0.76 | 10.00 -0.07 -0.76 | 10.07 -0.10 -0.64 | 10.00 -0.09 -0.62 | 8.36 -0.04 -0.73 | 8.17 -0.01 -0.77 | 8.35 -0.01 -0.87 | 9.51 0.02 -0.85 | 10.00 -0.04 -1.08 | 11.76 -0.02 -1.07 | 12.81 -0.04 -0.91 | 12.16 -0.14 -0.44 | 10.05 -0.06 -0.63 | 7.27 -0.03 -0.93 |
| RUSSELL____STATION 23914 | 5.34 -0.04 -1.03 | 5.00 -0.05 -0.90 | 4.96 -0.04 -0.85 | 5.02 -0.03 -0.76 | 5.42 0.00 -0.74 | 5.75 0.04 -1.00 | 6.26 0.04 -1.17 | 9.01 0.06 -0.96 | 9.89 -0.06 -1.06 | 9.97 -0.05 -0.95 | 10.03 -0.08 -0.76 | 10.00 -0.07 -0.76 | 10.07 -0.10 -0.64 | 10.00 -0.09 -0.62 | 8.36 -0.04 -0.73 | 8.17 -0.01 -0.77 | 8.35 -0.01 -0.87 | 9.51 0.02 -0.85 | 10.00 -0.04 -1.08 | 11.76 -0.02 -1.07 | 12.81 -0.04 -0.91 | 12.16 -0.14 -0.44 | 10.05 -0.06 -0.63 | 7.27 -0.03 -0.93 |
| S SALMON____HYD 24043 | 4.88 -0.04 -0.57 | 4.61 -0.05 -0.50 | 4.57 -0.05 -0.48 | 4.67 -0.05 -0.42 | 5.07 -0.02 -0.41 | 5.27 0.00 -0.56 | 5.75 0.03 -0.67 | 8.57 0.04 -0.55 | 9.55 0.04 -0.61 | 9.63 0.01 -0.54 | 9.80 0.01 -0.44 | 9.77 0.02 -0.44 | 9.89 0.00 -0.37 | 9.82 0.00 -0.35 | 8.09 0.01 -0.42 | 7.84 -0.01 -0.44 | 7.99 0.00 -0.50 | 9.12 -0.01 -0.49 | 9.53 -0.04 -0.62 | 11.24 -0.06 -0.59 | 12.38 -0.06 -0.51 | 12.12 0.02 -0.25 | 9.81 -0.02 -0.35 | 6.86 -0.02 -0.51 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 5.48 -0.20 -1.33 | 5.12 -0.19 -1.16 | 5.08 -0.16 -1.10 | 5.11 -0.15 -0.98 | 5.51 -0.13 -0.96 | 5.92 -0.09 -1.30 | 6.46 -0.15 -1.56 | 9.04 -0.22 -1.28 | 9.84 -0.47 -1.42 | 9.86 -0.49 -1.27 | 9.86 -0.51 -1.02 | 9.83 -0.50 -1.02 | 9.82 -0.56 -0.86 | 9.76 -0.54 -0.82 | 8.30 -0.34 -0.98 | 8.16 -0.28 -1.04 | 8.37 -0.28 -1.17 | 9.46 -0.32 -1.15 | 9.97 -0.43 -1.45 | 11.57 -0.52 -1.39 | 12.52 -0.60 -1.19 | 11.66 -0.77 -0.58 | 9.81 -0.48 -0.82 | 7.30 -0.27 -1.20 |
| SELKIRK____I 23801 | 15.45 0.23 -10.88 | 13.84 0.22 -9.47 | 13.37 0.22 -9.00 | 12.52 0.23 -8.00 | 12.79 0.26 -7.86 | 15.57 0.26 -10.60 | 18.02 0.26 -12.70 | 18.80 0.41 -10.40 | 20.85 0.44 -11.52 | 19.83 0.44 -10.32 | 18.11 0.45 -8.31 | 18.03 0.45 -8.26 | 16.97 0.47 -6.98 | 16.63 0.45 -6.71 | 15.95 0.38 -7.91 | 16.17 0.37 -8.40 | 17.26 0.37 -9.40 | 18.33 0.43 -9.26 | 21.09 0.44 -11.70 | 22.51 0.52 -11.28 | 22.15 0.58 -9.64 | 17.09 0.57 -4.67 | 16.58 0.48 -6.61 | 16.46 0.32 -9.77 |
| SELKIRK____II 23799 | 15.47 0.23 -10.89 | 13.86 0.22 -9.48 | 13.38 0.22 -9.01 | 12.53 0.23 -8.01 | 12.80 0.26 -7.87 | 15.58 0.26 -10.61 | 18.03 0.26 -12.72 | 18.81 0.41 -10.42 | 20.85 0.43 -11.53 | 19.83 0.43 -10.33 | 18.12 0.45 -8.32 | 18.04 0.45 -8.27 | 16.96 0.46 -6.99 | 16.64 0.45 -6.72 | 15.96 0.38 -7.92 | 16.18 0.37 -8.41 | 17.28 0.37 -9.41 | 18.34 0.43 -9.27 | 21.11 0.44 -11.71 | 22.52 0.52 -11.29 | 22.16 0.58 -9.65 | 17.10 0.57 -4.68 | 16.59 0.48 -6.62 | 16.46 0.32 -9.78 |
| SENECA OSWGO____HYD 24041 | 5.12 0.09 -0.69 | 4.83 0.07 -0.60 | 4.79 0.07 -0.57 | 4.88 0.08 -0.51 | 5.30 0.12 -0.50 | 5.53 0.14 -0.67 | 6.04 0.18 -0.81 | 8.99 0.34 -0.66 | 10.01 0.38 -0.73 | 10.10 0.37 -0.65 | 10.26 0.38 -0.53 | 10.22 0.37 -0.53 | 10.32 0.35 -0.45 | 10.25 0.35 -0.43 | 8.45 0.28 -0.51 | 8.22 0.28 -0.54 | 8.37 0.28 -0.60 | 9.56 0.33 -0.59 | 9.98 0.28 -0.75 | 11.57 0.15 -0.71 | 12.72 0.18 -0.61 | 12.32 0.17 -0.29 | 10.01 0.11 -0.42 | 7.05 0.07 -0.62 |

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|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| SENECA___ENERGY 23797 | 5.42 -0.04 -1.12 | 5.08 -0.05 -0.97 | 5.03 -0.04 -0.92 | 5.07 -0.04 -0.82 | 5.47 -0.02 -0.81 | 5.81 0.01 -1.09 | 6.38 0.03 -1.31 | 9.12 0.06 -1.07 | 10.10 0.02 -1.18 | 10.16 0.02 -1.06 | 10.22 0.02 -0.86 | 10.18 0.01 -0.85 | 10.24 0.00 -0.72 | 10.15 -0.01 -0.69 | 8.48 0.00 -0.81 | 8.28 0.01 -0.86 | 8.47 0.02 -0.97 | 9.61 0.03 -0.95 | 10.16 0.00 -1.20 | 11.88 0.01 -1.16 | 12.93 0.01 -0.99 | 12.28 -0.06 -0.48 | 10.12 -0.04 -0.68 | 7.35 -0.02 -1.00 |
| SHOEMAKER___GT 23640 | 12.22 0.31 -7.57 | 11.03 0.29 -6.59 | 10.69 0.29 -6.26 | 10.15 0.30 -5.56 | 10.47 0.33 -5.47 | 12.43 0.35 -7.37 | 14.27 0.38 -8.84 | 15.82 0.59 -7.24 | 17.59 0.68 -8.01 | 16.96 0.70 -7.18 | 15.85 0.72 -5.78 | 15.79 0.73 -5.75 | 15.13 0.75 -4.86 | 14.88 0.75 -4.67 | 13.77 0.61 -5.50 | 13.84 0.59 -5.85 | 14.65 0.61 -6.54 | 15.77 0.69 -6.44 | 17.84 0.74 -8.14 | 19.44 0.89 -7.84 | 19.61 0.98 -6.70 | 16.06 0.96 -3.25 | 14.84 0.76 -4.60 | 13.68 0.52 -6.79 |
| SHOREHAM_IC_1 23715 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.39 0.73 -5.98 | 13.52 0.75 -8.06 | 15.39 0.69 -9.65 | 17.04 1.15 -7.90 | 19.06 1.42 -8.75 | 18.31 1.40 -7.83 | 17.50 1.49 -6.67 | 17.16 1.45 -6.39 | 16.50 1.53 -5.44 | 16.22 1.51 -5.25 | 15.06 1.22 -6.17 | 15.48 1.21 -6.87 | 17.14 1.24 -8.41 | 19.91 1.39 -9.88 | 20.62 1.47 -10.20 | 21.84 1.75 -9.39 | 21.61 1.96 -7.72 | 19.16 1.87 -5.43 | 16.28 1.65 -5.15 | 15.73 1.11 -8.26 |
| SHOREHAM_IC_2 23716 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.39 0.73 -5.98 | 13.52 0.75 -8.06 | 15.39 0.69 -9.65 | 17.04 1.15 -7.90 | 19.06 1.42 -8.75 | 18.31 1.40 -7.83 | 17.50 1.49 -6.67 | 17.16 1.45 -6.39 | 16.50 1.53 -5.44 | 16.22 1.51 -5.25 | 15.06 1.22 -6.17 | 15.48 1.21 -6.87 | 17.14 1.24 -8.41 | 19.91 1.39 -9.88 | 20.62 1.47 -10.20 | 21.84 1.75 -9.39 | 21.61 1.96 -7.72 | 19.16 1.87 -5.43 | 16.28 1.65 -5.15 | 15.73 1.11 -8.26 |
| SISSONVILLE___ 23735 | 3.97 -0.37 0.00 | 3.82 -0.34 0.00 | 3.80 -0.34 0.00 | 3.92 -0.37 0.00 | 4.20 -0.48 0.00 | 4.22 -0.49 0.00 | 4.54 -0.51 0.00 | 7.26 -0.73 0.00 | 8.15 -0.75 0.00 | 8.31 -0.77 0.00 | 8.53 -0.82 0.00 | 8.50 -0.82 0.00 | 8.69 -0.83 0.00 | 8.65 -0.81 0.00 | 6.99 -0.67 0.00 | 6.71 -0.70 0.00 | 6.77 -0.73 0.00 | 7.82 -0.82 0.00 | 8.12 -0.83 0.00 | 9.68 -1.03 0.00 | 10.77 -1.16 0.00 | 10.86 -1.00 0.00 | 8.63 -0.85 0.00 | 5.74 -0.62 0.00 |
| SITHE_IND_GS1 24169 | 4.78 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.49 -0.10 -0.44 | 4.59 -0.09 -0.39 | 4.97 -0.09 -0.38 | 5.15 -0.08 -0.52 | 5.59 -0.09 -0.62 | 8.36 -0.14 -0.51 | 9.29 -0.17 -0.56 | 9.40 -0.18 -0.50 | 9.57 -0.19 -0.40 | 9.54 -0.19 -0.40 | 9.67 -0.19 -0.34 | 9.61 -0.19 -0.33 | 7.90 -0.15 -0.38 | 7.67 -0.14 -0.41 | 7.81 -0.13 -0.46 | 8.93 -0.16 -0.45 | 9.34 -0.18 -0.57 | 11.05 -0.20 -0.55 | 12.17 -0.23 -0.47 | 11.85 -0.24 -0.23 | 9.62 -0.19 -0.32 | 6.72 -0.12 -0.48 |
| SITHE_IND_GS2 24170 | 4.78 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.49 -0.10 -0.44 | 4.59 -0.09 -0.39 | 4.97 -0.09 -0.38 | 5.15 -0.08 -0.52 | 5.59 -0.09 -0.62 | 8.36 -0.14 -0.51 | 9.29 -0.17 -0.56 | 9.40 -0.18 -0.50 | 9.57 -0.19 -0.40 | 9.54 -0.19 -0.40 | 9.67 -0.19 -0.34 | 9.61 -0.19 -0.33 | 7.90 -0.15 -0.38 | 7.67 -0.14 -0.41 | 7.81 -0.13 -0.46 | 8.93 -0.16 -0.45 | 9.34 -0.18 -0.57 | 11.05 -0.20 -0.55 | 12.17 -0.23 -0.47 | 11.85 -0.24 -0.23 | 9.62 -0.19 -0.32 | 6.72 -0.12 -0.48 |
| SITHE_IND_GS3 24171 | 4.78 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.49 -0.10 -0.44 | 4.59 -0.09 -0.39 | 4.97 -0.09 -0.38 | 5.15 -0.08 -0.52 | 5.59 -0.09 -0.62 | 8.36 -0.14 -0.51 | 9.29 -0.17 -0.56 | 9.40 -0.18 -0.50 | 9.57 -0.19 -0.40 | 9.54 -0.19 -0.40 | 9.67 -0.19 -0.34 | 9.61 -0.19 -0.33 | 7.90 -0.15 -0.38 | 7.67 -0.14 -0.41 | 7.81 -0.13 -0.46 | 8.93 -0.16 -0.45 | 9.34 -0.18 -0.57 | 11.05 -0.20 -0.55 | 12.17 -0.23 -0.47 | 11.85 -0.24 -0.23 | 9.62 -0.19 -0.32 | 6.72 -0.12 -0.48 |
| SITHE_IND_GS4 24172 | 4.78 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.49 -0.10 -0.44 | 4.59 -0.09 -0.39 | 4.97 -0.09 -0.38 | 5.15 -0.08 -0.52 | 5.59 -0.09 -0.62 | 8.36 -0.14 -0.51 | 9.29 -0.17 -0.56 | 9.40 -0.18 -0.50 | 9.57 -0.19 -0.40 | 9.54 -0.19 -0.40 | 9.67 -0.19 -0.34 | 9.61 -0.19 -0.33 | 7.90 -0.15 -0.38 | 7.67 -0.14 -0.41 | 7.81 -0.13 -0.46 | 8.93 -0.16 -0.45 | 9.34 -0.18 -0.57 | 11.05 -0.20 -0.55 | 12.17 -0.23 -0.47 | 11.85 -0.24 -0.23 | 9.62 -0.19 -0.32 | 6.72 -0.12 -0.48 |
| SITHE___BATAVIA 24024 | 5.42 -0.12 -1.19 | 5.07 -0.12 -1.04 | 5.03 -0.10 -0.98 | 5.07 -0.09 -0.87 | 5.48 -0.06 -0.86 | 5.86 0.00 -1.16 | 6.38 -0.05 -1.38 | 9.06 -0.06 -1.13 | 9.88 -0.27 -1.25 | 9.93 -0.26 -1.12 | 9.96 -0.29 -0.90 | 9.94 -0.27 -0.90 | 9.96 -0.31 -0.76 | 9.88 -0.31 -0.73 | 8.34 -0.18 -0.86 | 8.18 -0.13 -0.92 | 8.37 -0.15 -1.02 | 9.50 -0.15 -1.01 | 9.98 -0.25 -1.27 | 11.66 -0.29 -1.24 | 12.65 -0.33 -1.06 | 11.89 -0.47 -0.51 | 9.92 -0.28 -0.73 | 7.26 -0.18 -1.07 |
| SITHE___INDEPEND 23800 | 4.78 -0.10 -0.53 | 4.52 -0.10 -0.46 | 4.49 -0.10 -0.44 | 4.59 -0.09 -0.39 | 4.97 -0.09 -0.38 | 5.15 -0.08 -0.52 | 5.59 -0.09 -0.62 | 8.36 -0.14 -0.51 | 9.29 -0.17 -0.56 | 9.40 -0.18 -0.50 | 9.57 -0.19 -0.40 | 9.54 -0.19 -0.40 | 9.67 -0.19 -0.34 | 9.61 -0.19 -0.33 | 7.90 -0.15 -0.38 | 7.67 -0.14 -0.41 | 7.81 -0.13 -0.46 | 8.93 -0.16 -0.45 | 9.34 -0.18 -0.57 | 11.05 -0.20 -0.55 | 12.17 -0.23 -0.47 | 11.85 -0.24 -0.23 | 9.62 -0.19 -0.32 | 6.72 -0.12 -0.48 |
| SITHE___MASSENA 23902 | 4.12 -0.23 0.00 | 3.96 -0.20 0.00 | 3.95 -0.20 0.00 | 4.07 -0.22 0.00 | 4.37 -0.31 0.00 | 4.38 -0.33 0.00 | 4.71 -0.35 0.00 | 7.49 -0.50 0.00 | 8.38 -0.52 0.00 | 8.57 -0.51 0.00 | 8.81 -0.54 0.00 | 8.77 -0.55 0.00 | 8.97 -0.55 0.00 | 8.93 -0.54 0.00 | 7.20 -0.46 0.00 | 6.93 -0.47 0.00 | 6.99 -0.50 0.00 | 8.08 -0.55 0.00 | 8.42 -0.54 0.00 | 10.02 -0.69 0.00 | 11.17 -0.76 0.00 | 11.16 -0.70 0.00 | 8.90 -0.58 0.00 | 5.95 -0.42 0.00 |
| SITHE___OGDNSBRG 24021 | 4.06 -0.29 0.00 | 3.90 -0.26 0.00 | 3.88 -0.26 0.00 | 4.00 -0.29 0.00 | 4.30 -0.38 0.00 | 4.31 -0.40 0.00 | 4.64 -0.41 0.00 | 7.40 -0.58 0.00 | 8.31 -0.59 0.00 | 8.47 -0.61 0.00 | 8.70 -0.64 0.00 | 8.68 -0.64 0.00 | 8.86 -0.66 0.00 | 8.84 -0.63 0.00 | 7.13 -0.54 0.00 | 6.85 -0.55 0.00 | 6.91 -0.58 0.00 | 7.98 -0.66 0.00 | 8.29 -0.66 0.00 | 9.88 -0.82 0.00 | 11.00 -0.93 0.00 | 11.07 -0.78 0.00 | 8.81 -0.67 0.00 | 5.87 -0.50 0.00 |
| SITHE___STERLING 23777 | 4.73 0.06 -0.33 | 4.49 0.05 -0.29 | 4.46 0.05 -0.27 | 4.59 0.06 -0.24 | 5.01 0.09 -0.24 | 5.14 0.11 -0.32 | 5.57 0.14 -0.38 | 8.53 0.23 -0.31 | 9.50 0.26 -0.35 | 9.62 0.23 -0.31 | 9.84 0.23 -0.26 | 9.82 0.24 -0.25 | 9.97 0.24 -0.21 | 9.91 0.24 -0.21 | 8.11 0.20 -0.24 | 7.85 0.19 -0.26 | 7.97 0.19 -0.29 | 9.14 0.22 -0.28 | 9.49 0.18 -0.36 | 11.27 0.23 -0.34 | 12.47 0.25 -0.29 | 12.30 0.31 -0.14 | 9.90 0.22 -0.20 | 6.80 0.14 -0.30 |
| SOUTH CAIRO___GT 23612 | 13.87 0.38 -9.15 | 12.47 0.35 -7.96 | 12.07 0.35 -7.57 | 11.38 0.36 -6.73 | 11.69 0.40 -6.61 | 14.05 0.43 -8.91 | 16.20 0.46 -10.68 | 17.48 0.74 -8.75 | 19.44 0.85 -9.69 | 18.63 0.87 -8.68 | 17.19 0.85 -6.99 | 17.12 0.85 -6.95 | 16.23 0.84 -5.87 | 15.93 0.82 -5.64 | 14.97 0.65 -6.65 | 15.09 0.62 -7.07 | 16.05 0.65 -7.90 | 17.23 0.81 -7.79 | 19.71 0.91 -9.84 | 21.27 1.08 -9.48 | 21.24 1.20 -8.10 | 16.91 1.13 -3.93 | 15.92 0.87 -5.56 | 15.15 0.57 -8.21 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| SOUTH HAMPTN___IC 23720 | 13.41 0.79 -8.27 | 12.11 0.75 -7.20 | 11.73 0.73 -6.85 | 11.44 0.79 -6.36 | 11.49 0.83 -5.98 | 13.62 0.85 -8.06 | 15.50 0.80 -9.65 | 17.23 1.34 -7.90 | 19.29 1.65 -8.75 | 18.54 1.63 -7.83 | 17.75 1.74 -6.67 | 17.42 1.71 -6.39 | 16.75 1.79 -5.44 | 16.47 1.75 -5.25 | 15.25 1.42 -6.17 | 15.68 1.41 -6.87 | 17.34 1.45 -8.40 | 20.15 1.63 -9.88 | 20.90 1.75 -10.20 | 22.19 2.10 -9.39 | 21.98 2.33 -7.72 | 19.50 2.22 -5.43 | 16.53 1.91 -5.15 | 15.89 1.27 -8.26 |
| SOUTHOLD___IC 23719 | 13.48 0.86 -8.27 | 12.17 0.81 -7.20 | 11.79 0.80 -6.85 | 11.50 0.86 -6.36 | 11.56 0.91 -5.98 | 13.70 0.93 -8.06 | 15.58 0.88 -9.65 | 17.37 1.49 -7.90 | 19.46 1.82 -8.75 | 18.73 1.82 -7.83 | 17.95 1.93 -6.67 | 17.61 1.90 -6.39 | 16.94 1.98 -5.44 | 16.65 1.93 -5.25 | 15.40 1.56 -6.17 | 15.82 1.55 -6.87 | 17.50 1.60 -8.40 | 20.33 1.81 -9.88 | 21.11 1.95 -10.20 | 22.45 2.36 -9.39 | 22.25 2.60 -7.72 | 19.75 2.47 -5.43 | 16.71 2.09 -5.15 | 16.01 1.38 -8.26 |
| ST LAWRENCE____ 23600 | 4.13 -0.21 0.00 | 3.97 -0.19 0.00 | 3.95 -0.19 0.00 | 4.08 -0.21 0.00 | 4.42 -0.26 0.00 | 4.43 -0.28 0.00 | 4.75 -0.30 0.00 | 7.52 -0.46 0.00 | 8.41 -0.48 0.00 | 8.61 -0.47 0.00 | 8.84 -0.50 0.00 | 8.82 -0.50 0.00 | 9.01 -0.51 0.00 | 8.97 -0.50 0.00 | 7.24 -0.43 0.00 | 6.97 -0.43 0.00 | 7.04 -0.45 0.00 | 8.13 -0.50 0.00 | 8.45 -0.50 0.00 | 10.09 -0.62 0.00 | 11.24 -0.69 0.00 | 11.20 -0.65 0.00 | 8.95 -0.53 0.00 | 6.00 -0.37 0.00 |
| STATION 5_MISC_HYD 23604 | 5.32 -0.05 -1.03 | 4.99 -0.06 -0.90 | 4.94 -0.05 -0.85 | 5.00 -0.04 -0.76 | 5.40 -0.02 -0.74 | 5.74 0.02 -1.00 | 6.24 0.02 -1.17 | 8.97 0.03 -0.96 | 9.86 -0.10 -1.06 | 9.94 -0.09 -0.95 | 9.99 -0.12 -0.76 | 9.97 -0.11 -0.76 | 10.03 -0.13 -0.64 | 9.96 -0.12 -0.62 | 8.32 -0.07 -0.73 | 8.13 -0.04 -0.77 | 8.32 -0.04 -0.87 | 9.47 -0.02 -0.85 | 9.95 -0.08 -1.08 | 11.70 -0.07 -1.07 | 12.75 -0.10 -0.91 | 12.10 -0.20 -0.44 | 10.01 -0.10 -0.63 | 7.24 -0.05 -0.93 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 5.38 0.00 -1.04 | 5.05 -0.01 -0.90 | 5.00 0.00 -0.86 | 5.06 0.01 -0.76 | 5.46 0.03 -0.75 | 5.80 0.08 -1.01 | 6.34 0.09 -1.20 | 9.12 0.15 -0.98 | 10.06 0.08 -1.09 | 10.12 0.07 -0.97 | 10.20 0.07 -0.78 | 10.16 0.07 -0.78 | 10.23 0.05 -0.66 | 10.15 0.05 -0.63 | 8.47 0.06 -0.75 | 8.27 0.07 -0.79 | 8.46 0.08 -0.89 | 9.62 0.11 -0.87 | 10.13 0.07 -1.11 | 11.89 0.11 -1.08 | 12.96 0.11 -0.92 | 12.31 0.01 -0.45 | 10.16 0.05 -0.63 | 7.34 0.04 -0.93 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 5.31 -0.06 -1.02 | 4.98 -0.06 -0.89 | 4.94 -0.05 -0.84 | 5.00 -0.04 -0.75 | 5.39 -0.02 -0.74 | 5.72 0.01 -0.99 | 6.23 0.02 -1.16 | 8.97 0.03 -0.95 | 9.86 -0.09 -1.05 | 9.93 -0.09 -0.94 | 10.00 -0.11 -0.76 | 9.97 -0.10 -0.75 | 10.03 -0.12 -0.64 | 9.96 -0.12 -0.61 | 8.32 -0.07 -0.72 | 8.13 -0.04 -0.77 | 8.32 -0.04 -0.86 | 9.47 -0.02 -0.85 | 9.94 -0.08 -1.07 | 11.69 -0.07 -1.06 | 12.75 -0.08 -0.91 | 12.10 -0.19 -0.44 | 10.00 -0.10 -0.62 | 7.23 -0.06 -0.92 |
| STEEL___WIND 323596 | 5.59 -0.14 -1.39 | 5.22 -0.14 -1.21 | 5.18 -0.11 -1.15 | 5.21 -0.10 -1.02 | 5.61 -0.07 -1.00 | 6.04 -0.02 -1.35 | 6.61 -0.08 -1.63 | 9.24 -0.09 -1.34 | 10.06 -0.31 -1.48 | 10.09 -0.32 -1.33 | 10.08 -0.34 -1.07 | 10.06 -0.33 -1.06 | 10.03 -0.39 -0.90 | 9.96 -0.37 -0.86 | 8.48 -0.21 -1.03 | 8.35 -0.14 -1.09 | 8.55 -0.16 -1.22 | 9.67 -0.16 -1.20 | 10.20 -0.27 -1.52 | 11.83 -0.33 -1.45 | 12.79 -0.38 -1.24 | 11.90 -0.56 -0.60 | 10.01 -0.32 -0.85 | 7.45 -0.18 -1.26 |
| STEUBEN_REC_LFGE 323667 | 6.21 0.00 -1.86 | 5.77 -0.01 -1.62 | 5.69 0.00 -1.54 | 5.68 0.02 -1.37 | 6.09 0.06 -1.35 | 6.63 0.10 -1.82 | 7.41 0.11 -2.25 | 10.03 0.21 -1.84 | 11.04 0.11 -2.04 | 10.99 0.08 -1.83 | 10.89 0.07 -1.47 | 10.85 0.07 -1.46 | 10.79 0.04 -1.24 | 10.69 0.04 -1.19 | 9.13 0.06 -1.40 | 8.99 0.10 -1.49 | 9.26 0.10 -1.66 | 10.41 0.14 -1.64 | 11.11 0.09 -2.07 | 12.76 0.12 -1.93 | 13.71 0.13 -1.65 | 12.66 0.00 -0.80 | 10.66 0.05 -1.13 | 8.10 0.06 -1.67 |
| STONY___BROOK 24151 | 13.23 0.61 -8.27 | 11.93 0.58 -7.20 | 11.56 0.56 -6.85 | 11.26 0.61 -6.35 | 11.30 0.65 -5.98 | 13.43 0.66 -8.06 | 15.32 0.62 -9.65 | 16.92 1.03 -7.90 | 18.92 1.28 -8.75 | 18.19 1.28 -7.83 | 17.38 1.35 -6.67 | 17.04 1.32 -6.39 | 16.38 1.41 -5.45 | 16.11 1.38 -5.25 | 14.95 1.11 -6.18 | 15.38 1.10 -6.88 | 17.02 1.12 -8.41 | 19.77 1.24 -9.89 | 20.49 1.33 -10.21 | 21.69 1.60 -9.39 | 21.40 1.75 -7.72 | 18.98 1.70 -5.43 | 16.10 1.47 -5.15 | 15.62 1.00 -8.25 |
| STURGEON_POOL_HYD 23609 | 13.20 0.35 -8.50 | 11.89 0.33 -7.40 | 11.51 0.33 -7.04 | 10.88 0.34 -6.25 | 11.19 0.37 -6.14 | 13.39 0.40 -8.28 | 15.41 0.43 -9.93 | 16.79 0.67 -8.13 | 18.70 0.80 -9.00 | 17.97 0.83 -8.06 | 16.69 0.85 -6.50 | 16.62 0.85 -6.46 | 15.84 0.87 -5.46 | 15.57 0.86 -5.24 | 14.53 0.68 -6.18 | 14.63 0.67 -6.57 | 15.53 0.70 -7.35 | 16.66 0.79 -7.24 | 18.96 0.86 -9.14 | 20.54 1.02 -8.81 | 20.58 1.12 -7.53 | 16.59 1.09 -3.65 | 15.50 0.85 -5.17 | 14.58 0.58 -7.63 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 12.40 0.33 -7.73 | 11.20 0.32 -6.72 | 10.85 0.31 -6.39 | 10.29 0.32 -5.68 | 10.61 0.35 -5.58 | 12.61 0.37 -7.53 | 14.49 0.41 -9.02 | 16.01 0.64 -7.39 | 17.83 0.76 -8.18 | 17.19 0.78 -7.33 | 16.06 0.81 -5.90 | 16.00 0.81 -5.87 | 15.32 0.84 -4.96 | 15.07 0.83 -4.76 | 13.95 0.67 -5.62 | 14.02 0.65 -5.97 | 14.84 0.67 -6.68 | 15.96 0.75 -6.58 | 18.08 0.81 -8.31 | 19.68 0.96 -8.01 | 19.83 1.06 -6.84 | 16.20 1.03 -3.32 | 15.00 0.82 -4.70 | 13.86 0.56 -6.94 |
| SYNERGY___BIOGAS 323694 | 5.42 -0.12 -1.19 | 5.07 -0.12 -1.04 | 5.03 -0.10 -0.98 | 5.07 -0.09 -0.87 | 5.48 -0.06 -0.86 | 5.86 0.00 -1.16 | 6.38 -0.05 -1.38 | 9.06 -0.06 -1.13 | 9.88 -0.27 -1.25 | 9.93 -0.26 -1.12 | 9.96 -0.29 -0.90 | 9.94 -0.27 -0.90 | 9.96 -0.31 -0.76 | 9.88 -0.31 -0.73 | 8.34 -0.18 -0.86 | 8.18 -0.13 -0.92 | 8.37 -0.15 -1.02 | 9.50 -0.15 -1.01 | 9.98 -0.25 -1.27 | 11.66 -0.29 -1.24 | 12.65 -0.33 -1.06 | 11.89 -0.47 -0.51 | 9.92 -0.28 -0.73 | 7.26 -0.18 -1.07 |
| SYRACUSE___ENERGY_ST1 323597 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |
| SYRACUSE___ENERGY_ST2 323598 | 5.25 0.02 -0.88 | 4.94 0.01 -0.77 | 4.89 0.01 -0.73 | 4.95 0.02 -0.65 | 5.35 0.04 -0.64 | 5.62 0.06 -0.86 | 6.15 0.07 -1.03 | 8.96 0.14 -0.84 | 9.96 0.13 -0.93 | 10.05 0.14 -0.83 | 10.15 0.13 -0.67 | 10.12 0.13 -0.67 | 10.21 0.12 -0.57 | 10.14 0.12 -0.54 | 8.40 0.10 -0.64 | 8.19 0.10 -0.68 | 8.36 0.10 -0.76 | 9.52 0.13 -0.75 | 10.00 0.10 -0.95 | 11.75 0.13 -0.91 | 12.85 0.14 -0.78 | 12.35 0.12 -0.38 | 10.10 0.09 -0.54 | 7.22 0.06 -0.79 |
| SYRACUSE___POWER 24017 | 5.25 0.01 -0.89 | 4.94 0.00 -0.77 | 4.89 0.01 -0.74 | 4.96 0.01 -0.65 | 5.36 0.03 -0.64 | 5.62 0.05 -0.87 | 6.15 0.06 -1.04 | 8.96 0.12 -0.85 | 9.95 0.12 -0.94 | 10.03 0.11 -0.84 | 10.14 0.11 -0.68 | 10.11 0.11 -0.68 | 10.20 0.10 -0.57 | 10.13 0.10 -0.55 | 8.40 0.08 -0.65 | 8.19 0.10 -0.69 | 8.36 0.10 -0.77 | 9.51 0.11 -0.76 | 9.99 0.08 -0.96 | 11.74 0.11 -0.92 | 12.85 0.13 -0.79 | 12.33 0.09 -0.38 | 10.10 0.08 -0.54 | 7.22 0.05 -0.80 |

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|---|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| TRIGEN___CC 323695 | 13.09 0.48 -8.26 | 11.81 0.46 -7.19 | 11.43 0.44 -6.84 | 10.99 0.48 -6.22 | 11.15 0.50 -5.97 | 13.28 0.52 -8.05 | 15.23 0.52 -9.65 | 16.75 0.85 -7.90 | 18.73 1.07 -8.77 | 18.02 1.09 -7.85 | 17.87 1.14 -7.38 | 17.64 1.14 -7.18 | 17.13 1.18 -6.43 | 16.94 1.17 -6.30 | 15.93 0.95 -7.32 | 16.44 0.93 -8.11 | 17.68 0.94 -9.25 | 19.83 1.03 -10.17 | 20.53 1.08 -10.50 | 21.81 1.28 -9.82 | 21.20 1.44 -7.83 | 19.15 1.40 -5.90 | 16.66 1.18 -6.01 | 15.10 0.81 -7.92 |
| UNION___PROCESSING_DRP 323587 | 5.32 -0.06 -1.03 | 4.99 -0.07 -0.90 | 4.94 -0.06 -0.86 | 5.00 -0.05 -0.76 | 5.40 -0.02 -0.75 | 5.73 0.01 -1.01 | 6.24 0.01 -1.17 | 8.97 0.02 -0.96 | 9.85 -0.11 -1.06 | 9.92 -0.11 -0.95 | 9.98 -0.13 -0.77 | 9.96 -0.12 -0.76 | 10.01 -0.15 -0.64 | 9.95 -0.14 -0.62 | 8.31 -0.08 -0.73 | 8.13 -0.05 -0.78 | 8.31 -0.05 -0.87 | 9.46 -0.03 -0.86 | 9.94 -0.10 -1.08 | 11.69 -0.10 -1.08 | 12.74 -0.11 -0.92 | 12.09 -0.21 -0.45 | 10.00 -0.11 -0.63 | 7.24 -0.06 -0.93 |
| UPPER HUDSON___HYD 24058 | 16.44 0.31 -11.79 | 14.69 0.28 -10.26 | 14.18 0.28 -9.75 | 13.23 0.27 -8.67 | 13.50 0.31 -8.51 | 16.50 0.31 -11.48 | 19.17 0.35 -13.77 | 19.84 0.58 -11.28 | 22.05 0.68 -12.48 | 20.92 0.66 -11.18 | 19.07 0.71 -9.01 | 18.97 0.70 -8.95 | 17.85 0.76 -7.56 | 17.49 0.75 -7.27 | 16.84 0.61 -8.57 | 17.09 0.58 -9.11 | 18.25 0.57 -10.19 | 19.40 0.73 -10.04 | 22.31 0.67 -12.68 | 23.76 0.84 -12.22 | 23.32 0.95 -10.44 | 17.83 0.91 -5.06 | 17.36 0.71 -7.17 | 17.39 0.44 -10.58 |
| UPPER RAQUET___HYD 24056 | 3.97 -0.37 0.00 | 3.82 -0.34 0.00 | 3.80 -0.34 0.00 | 3.92 -0.37 0.00 | 4.20 -0.48 0.00 | 4.22 -0.49 0.00 | 4.54 -0.51 0.00 | 7.26 -0.73 0.00 | 8.15 -0.75 0.00 | 8.31 -0.77 0.00 | 8.53 -0.82 0.00 | 8.50 -0.82 0.00 | 8.69 -0.83 0.00 | 8.65 -0.81 0.00 | 6.99 -0.67 0.00 | 6.71 -0.70 0.00 | 6.77 -0.73 0.00 | 7.82 -0.82 0.00 | 8.12 -0.83 0.00 | 9.68 -1.03 0.00 | 10.77 -1.16 0.00 | 10.86 -1.00 0.00 | 8.63 -0.85 0.00 | 5.74 -0.62 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 8.14 0.18 -3.61 | 7.47 0.17 -3.14 | 7.30 0.17 -2.99 | 7.12 0.18 -2.66 | 7.50 0.22 -2.61 | 8.46 0.24 -3.52 | 9.55 0.27 -4.22 | 11.87 0.42 -3.46 | 13.20 0.48 -3.83 | 12.96 0.45 -3.43 | 12.59 0.48 -2.76 | 12.55 0.48 -2.75 | 12.33 0.49 -2.32 | 12.18 0.48 -2.23 | 10.69 0.40 -2.63 | 10.58 0.38 -2.79 | 11.01 0.40 -3.12 | 12.15 0.44 -3.08 | 13.29 0.45 -3.89 | 14.98 0.54 -3.74 | 15.71 0.58 -3.20 | 14.04 0.64 -1.55 | 12.17 0.49 -2.19 | 9.95 0.34 -3.24 |
| VISCHER___FERRY HYD 24020 | 16.11 0.28 -11.48 | 14.41 0.27 -9.99 | 13.91 0.27 -9.50 | 13.01 0.28 -8.44 | 13.28 0.31 -8.29 | 16.21 0.32 -11.18 | 18.80 0.34 -13.40 | 19.51 0.54 -10.98 | 21.65 0.61 -12.15 | 20.56 0.60 -10.89 | 18.74 0.62 -8.77 | 18.65 0.61 -8.72 | 17.54 0.66 -7.36 | 17.20 0.65 -7.08 | 16.54 0.54 -8.34 | 16.78 0.52 -8.87 | 17.93 0.52 -9.92 | 19.03 0.62 -9.77 | 21.91 0.61 -12.35 | 23.34 0.74 -11.90 | 22.93 0.83 -10.17 | 17.59 0.81 -4.93 | 17.11 0.65 -6.98 | 17.09 0.41 -10.31 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 12.70 0.37 -7.98 | 11.45 0.35 -6.94 | 11.09 0.34 -6.60 | 10.51 0.36 -5.87 | 10.83 0.39 -5.76 | 12.90 0.41 -7.77 | 14.83 0.46 -9.32 | 16.33 0.71 -7.63 | 18.18 0.84 -8.45 | 17.52 0.87 -7.57 | 16.35 0.91 -6.10 | 16.28 0.90 -6.06 | 15.57 0.93 -5.12 | 15.32 0.93 -4.92 | 14.21 0.74 -5.80 | 14.29 0.73 -6.16 | 15.14 0.76 -6.89 | 16.27 0.84 -6.79 | 18.44 0.90 -8.58 | 20.05 1.07 -8.27 | 20.19 1.19 -7.07 | 16.43 1.15 -3.43 | 15.25 0.92 -4.85 | 14.16 0.62 -7.16 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 13.03 0.43 -8.26 | 11.74 0.40 -7.19 | 11.37 0.39 -6.84 | 10.77 0.41 -6.07 | 11.09 0.44 -5.97 | 13.23 0.47 -8.05 | 15.22 0.52 -9.65 | 16.68 0.80 -7.90 | 18.57 0.93 -8.75 | 17.88 0.97 -7.83 | 16.68 1.02 -6.31 | 16.61 1.02 -6.27 | 15.89 1.07 -5.30 | 15.62 1.06 -5.09 | 14.53 0.86 -6.00 | 14.62 0.84 -6.38 | 15.50 0.87 -7.14 | 16.61 0.94 -7.03 | 18.84 1.00 -8.89 | 20.46 1.19 -8.56 | 20.55 1.30 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.50 0.71 -7.42 |
| WADING RIVER_IC_1 23522 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.40 0.74 -5.98 | 13.53 0.76 -8.06 | 15.39 0.69 -9.65 | 17.05 1.16 -7.90 | 19.07 1.43 -8.75 | 18.32 1.41 -7.83 | 17.51 1.50 -6.67 | 17.18 1.47 -6.39 | 16.50 1.54 -5.44 | 16.23 1.51 -5.25 | 15.06 1.23 -6.17 | 15.49 1.21 -6.87 | 17.15 1.25 -8.40 | 19.92 1.40 -9.88 | 20.63 1.48 -10.20 | 21.86 1.77 -9.39 | 21.63 1.98 -7.72 | 19.18 1.90 -5.43 | 16.29 1.66 -5.15 | 15.74 1.11 -8.26 |
| WADING RIVER_IC_2 23547 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.40 0.74 -5.98 | 13.53 0.76 -8.06 | 15.39 0.69 -9.65 | 17.05 1.16 -7.90 | 19.07 1.43 -8.75 | 18.32 1.41 -7.83 | 17.51 1.50 -6.67 | 17.18 1.47 -6.39 | 16.50 1.54 -5.44 | 16.23 1.51 -5.25 | 15.06 1.23 -6.17 | 15.49 1.21 -6.87 | 17.15 1.25 -8.40 | 19.92 1.40 -9.88 | 20.63 1.48 -10.20 | 21.86 1.77 -9.39 | 21.63 1.98 -7.72 | 19.18 1.90 -5.43 | 16.29 1.66 -5.15 | 15.74 1.11 -8.26 |
| WADING RIVER_IC_3 23601 | 13.32 0.70 -8.27 | 12.02 0.66 -7.20 | 11.64 0.65 -6.85 | 11.35 0.70 -6.36 | 11.40 0.74 -5.98 | 13.53 0.76 -8.06 | 15.39 0.69 -9.65 | 17.05 1.16 -7.90 | 19.07 1.43 -8.75 | 18.32 1.41 -7.83 | 17.51 1.50 -6.67 | 17.18 1.47 -6.39 | 16.50 1.54 -5.44 | 16.23 1.51 -5.25 | 15.06 1.23 -6.17 | 15.49 1.21 -6.87 | 17.15 1.25 -8.40 | 19.92 1.40 -9.88 | 20.63 1.48 -10.20 | 21.86 1.77 -9.39 | 21.63 1.98 -7.72 | 19.18 1.90 -5.43 | 16.29 1.66 -5.15 | 15.74 1.11 -8.26 |
| WALDEN___HYDRO 24148 | 12.86 0.36 -8.16 | 11.59 0.33 -7.10 | 11.22 0.33 -6.75 | 10.63 0.34 -6.00 | 10.95 0.37 -5.89 | 13.06 0.40 -7.95 | 15.02 0.44 -9.53 | 16.48 0.69 -7.80 | 18.34 0.81 -8.64 | 17.65 0.83 -7.74 | 16.44 0.86 -6.23 | 16.38 0.87 -6.20 | 15.64 0.89 -5.24 | 15.38 0.88 -5.03 | 14.30 0.70 -5.93 | 14.39 0.69 -6.30 | 15.27 0.73 -7.05 | 16.40 0.82 -6.95 | 18.62 0.89 -8.78 | 20.22 1.06 -8.46 | 20.33 1.17 -7.23 | 16.50 1.14 -3.50 | 15.33 0.89 -4.96 | 14.30 0.61 -7.32 |
| WARRENSBURG___ 23737 | 16.44 0.31 -11.79 | 14.69 0.28 -10.26 | 14.18 0.28 -9.75 | 13.23 0.27 -8.67 | 13.50 0.31 -8.51 | 16.50 0.31 -11.48 | 19.17 0.35 -13.77 | 19.84 0.58 -11.28 | 22.05 0.68 -12.48 | 20.92 0.66 -11.18 | 19.07 0.71 -9.01 | 18.97 0.70 -8.95 | 17.85 0.76 -7.56 | 17.49 0.75 -7.27 | 16.84 0.61 -8.57 | 17.09 0.58 -9.11 | 18.25 0.57 -10.19 | 19.40 0.73 -10.04 | 22.31 0.67 -12.68 | 23.76 0.84 -12.22 | 23.32 0.95 -10.44 | 17.83 0.91 -5.06 | 17.36 0.71 -7.17 | 17.39 0.44 -10.58 |
| WATERSIDE___6 8 9 23538 | 13.05 0.44 -8.26 | 11.76 0.42 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.10 0.46 -5.97 | 13.24 0.49 -8.05 | 15.22 0.52 -9.65 | 16.65 0.76 -7.90 | 18.53 0.89 -8.75 | 17.85 0.94 -7.84 | 16.65 0.99 -6.31 | 16.58 0.99 -6.27 | 15.86 1.04 -5.30 | 15.61 1.04 -5.09 | 14.52 0.85 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.58 0.91 -7.03 | 18.81 0.97 -8.89 | 20.42 1.15 -8.56 | 20.50 1.25 -7.32 | 16.66 1.26 -3.55 | 15.52 1.02 -5.02 | 14.53 0.74 -7.42 |
| WDELAWARE___HYD 323627 | 12.18 0.33 -7.50 | 10.99 0.30 -6.53 | 10.65 0.30 -6.21 | 10.12 0.31 -5.52 | 10.44 0.34 -5.42 | 12.39 0.37 -7.31 | 14.23 0.41 -8.76 | 15.81 0.65 -7.18 | 17.71 0.87 -7.95 | 17.07 0.87 -7.12 | 15.97 0.89 -5.74 | 15.91 0.89 -5.70 | 15.23 0.89 -4.82 | 15.00 0.90 -4.63 | 13.83 0.71 -5.46 | 13.89 0.70 -5.80 | 14.70 0.73 -6.48 | 15.88 0.86 -6.39 | 17.96 0.93 -8.07 | 19.60 1.11 -7.78 | 19.83 1.25 -6.65 | 16.27 1.20 -3.22 | 14.97 0.93 -4.56 | 13.73 0.62 -6.74 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| WEST BABYLON___IC 23714 | 13.22 0.61 -8.27 | 11.94 0.58 -7.20 | 11.55 0.56 -6.85 | 11.24 0.61 -6.34 | 11.29 0.64 -5.98 | 13.42 0.65 -8.06 | 15.34 0.64 -9.65 | 16.95 1.06 -7.90 | 18.97 1.33 -8.75 | 18.22 1.31 -7.84 | 17.56 1.38 -6.83 | 17.25 1.37 -6.56 | 16.61 1.43 -5.66 | 16.36 1.41 -5.48 | 15.23 1.14 -6.43 | 15.68 1.13 -7.15 | 17.27 1.15 -8.62 | 19.88 1.29 -9.96 | 20.60 1.37 -10.28 | 21.83 1.64 -9.48 | 21.50 1.83 -7.75 | 19.15 1.74 -5.55 | 16.30 1.48 -5.34 | 15.59 1.00 -8.22 |
| WEST CANADA___HYD 24049 | 4.14 0.02 0.22 | 3.98 0.02 0.19 | 3.98 0.02 0.18 | 4.15 0.02 0.16 | 4.55 0.03 0.16 | 4.53 0.03 0.21 | 4.83 0.04 0.26 | 7.83 0.06 0.21 | 8.72 0.06 0.23 | 8.92 0.05 0.21 | 9.24 0.06 0.17 | 9.22 0.07 0.17 | 9.45 0.07 0.14 | 9.40 0.07 0.14 | 7.56 0.05 0.16 | 7.28 0.05 0.17 | 7.36 0.06 0.19 | 8.51 0.06 0.19 | 8.78 0.06 0.24 | 10.55 0.08 0.23 | 11.82 0.08 0.20 | 11.85 0.09 0.09 | 9.41 0.07 0.13 | 6.21 0.04 0.20 |
| WESTERN_NY_WIND 24143 | 5.42 -0.12 -1.20 | 5.07 -0.12 -1.04 | 5.04 -0.10 -0.99 | 5.08 -0.09 -0.88 | 5.48 -0.07 -0.86 | 5.87 -0.01 -1.17 | 6.38 -0.06 -1.39 | 9.05 -0.07 -1.13 | 9.88 -0.28 -1.26 | 9.93 -0.27 -1.13 | 9.95 -0.30 -0.91 | 9.93 -0.29 -0.90 | 9.95 -0.33 -0.76 | 9.88 -0.32 -0.73 | 8.34 -0.19 -0.87 | 8.18 -0.14 -0.92 | 8.36 -0.16 -1.03 | 9.50 -0.16 -1.01 | 9.97 -0.26 -1.28 | 11.65 -0.30 -1.25 | 12.64 -0.36 -1.06 | 11.87 -0.50 -0.52 | 9.92 -0.29 -0.73 | 7.26 -0.18 -1.08 |
| WESTOVER___LESR 323668 | 7.17 0.08 -2.74 | 6.62 0.07 -2.39 | 6.49 0.08 -2.27 | 6.40 0.09 -2.02 | 6.78 0.12 -1.98 | 7.52 0.14 -2.67 | 8.42 0.15 -3.22 | 10.85 0.23 -2.64 | 12.04 0.22 -2.92 | 11.90 0.21 -2.61 | 11.67 0.22 -2.11 | 11.63 0.21 -2.09 | 11.50 0.21 -1.77 | 11.38 0.21 -1.70 | 9.84 0.18 -2.00 | 9.71 0.19 -2.13 | 10.07 0.19 -2.38 | 11.20 0.22 -2.34 | 12.12 0.21 -2.96 | 13.80 0.26 -2.84 | 14.65 0.30 -2.43 | 13.28 0.25 -1.18 | 11.36 0.21 -1.67 | 8.98 0.15 -2.46 |
| WETHRSFD_WT_PWR 323626 | 5.79 -0.13 -1.57 | 5.40 -0.13 -1.37 | 5.34 -0.11 -1.30 | 5.35 -0.10 -1.16 | 5.75 -0.07 -1.14 | 6.21 -0.03 -1.53 | 6.87 -0.07 -1.89 | 9.44 -0.09 -1.55 | 10.34 -0.27 -1.71 | 10.33 -0.28 -1.53 | 10.28 -0.30 -1.23 | 10.25 -0.30 -1.23 | 10.21 -0.34 -1.04 | 10.13 -0.33 -1.00 | 8.65 -0.20 -1.18 | 8.51 -0.15 -1.25 | 8.74 -0.15 -1.40 | 9.85 -0.16 -1.38 | 10.45 -0.25 -1.75 | 12.05 -0.30 -1.64 | 13.00 -0.33 -1.40 | 12.05 -0.49 -0.68 | 10.16 -0.28 -0.96 | 7.63 -0.15 -1.42 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 12.69 0.36 -7.99 | 11.44 0.33 -6.95 | 11.08 0.32 -6.61 | 10.50 0.34 -5.87 | 10.82 0.37 -5.77 | 12.88 0.39 -7.78 | 14.81 0.43 -9.33 | 16.30 0.67 -7.64 | 18.15 0.79 -8.46 | 17.47 0.82 -7.58 | 16.31 0.86 -6.10 | 16.24 0.86 -6.07 | 15.54 0.89 -5.13 | 15.28 0.88 -4.93 | 14.18 0.71 -5.81 | 14.27 0.70 -6.17 | 15.12 0.73 -6.90 | 16.23 0.79 -6.80 | 18.41 0.86 -8.59 | 20.01 1.02 -8.28 | 20.13 1.12 -7.08 | 16.37 1.09 -3.43 | 15.21 0.87 -4.86 | 14.14 0.60 -7.17 |
| YORK___WARBASSE 23770 | 13.05 0.45 -8.26 | 11.76 0.41 -7.19 | 11.38 0.40 -6.84 | 10.78 0.42 -6.07 | 11.09 0.45 -5.97 | 13.23 0.48 -8.05 | 15.21 0.51 -9.65 | 16.64 0.75 -7.90 | 18.52 0.87 -8.75 | 17.84 0.93 -7.84 | 16.64 0.98 -6.31 | 16.57 0.98 -6.27 | 15.86 1.04 -5.30 | 15.60 1.03 -5.09 | 14.51 0.84 -6.01 | 14.61 0.83 -6.38 | 15.48 0.85 -7.14 | 16.59 0.92 -7.03 | 18.81 0.98 -8.89 | 20.44 1.17 -8.56 | 20.52 1.28 -7.32 | 16.68 1.28 -3.55 | 15.53 1.02 -5.02 | 14.54 0.75 -7.42 |