

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/01/2023

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| PTID | 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 | 24.54 | 20.71 | 18.86 | 19.69 | 21.84 | 24.77 | 28.57 | 30.32 | 28.21 | 32.80 | 22.97 | 22.96 | 22.81 | 21.45 | 20.86 | 22.70 | 22.32 | 20.49 | 22.54 | 22.81 | 26.35 | 23.06 | 22.11 | 21.80 |
| 24138 | 1.91 | 1.66 | 1.51 | 1.57 | 1.67 | 1.96 | 2.35 | 2.57 | 1.62 | 1.57 | 2.27 | 2.28 | 2.31 | 2.08 | 1.85 | 1.86 | 1.44 | 1.64 | 1.05 | 1.64 | 2.21 | 2.11 | 1.95 | 1.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -2.10 | -11.05 | -16.47 | -0.41 | 0.00 | 0.00 | -1.63 | -2.82 | -4.42 | -7.49 | -3.39 | -11.79 | -6.05 | -3.79 | -0.01 | 0.00 | -0.38 |
| 74TH STREET_GT_1 | 24.51 | 20.70 | 18.84 | 19.67 | 21.82 | 24.75 | 28.54 | 30.27 | 28.17 | 32.76 | 22.91 | 22.91 | 22.75 | 21.40 | 20.81 | 22.66 | 22.29 | 20.44 | 22.52 | 22.78 | 26.31 | 23.04 | 22.10 | 21.81 |
| 24260 | 1.88 | 1.64 | 1.49 | 1.55 | 1.65 | 1.94 | 2.32 | 2.52 | 1.58 | 1.53 | 2.20 | 2.22 | 2.25 | 2.03 | 1.81 | 1.82 | 1.40 | 1.59 | 1.02 | 1.61 | 2.17 | 2.08 | 1.94 | 1.85 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -2.10 | -11.05 | -16.47 | -0.41 | 0.00 | 0.00 | -1.63 | -2.82 | -4.42 | -7.49 | -3.39 | -11.79 | -6.05 | -3.79 | -0.01 | 0.00 | -0.38 |
| 74TH STREET_GT_2 | 24.51 | 20.70 | 18.84 | 19.67 | 21.82 | 24.75 | 28.54 | 30.27 | 28.17 | 32.76 | 22.91 | 22.91 | 22.75 | 21.40 | 20.81 | 22.66 | 22.29 | 20.44 | 22.52 | 22.78 | 26.31 | 23.04 | 22.10 | 21.81 |
| 24261 | 1.88 | 1.64 | 1.49 | 1.55 | 1.65 | 1.94 | 2.32 | 2.52 | 1.58 | 1.53 | 2.20 | 2.22 | 2.25 | 2.03 | 1.81 | 1.82 | 1.40 | 1.59 | 1.02 | 1.61 | 2.17 | 2.08 | 1.94 | 1.85 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -2.10 | -11.05 | -16.47 | -0.41 | 0.00 | 0.00 | -1.63 | -2.82 | -4.42 | -7.49 | -3.39 | -11.79 | -6.05 | -3.79 | -0.01 | 0.00 | -0.38 |
| ADK HUDSON___FALLS | 24.04 | 20.12 | 18.28 | 19.01 | 21.21 | 24.26 | 27.98 | 30.02 | 30.06 | 35.93 | 22.45 | 22.22 | 21.94 | 20.43 | 20.47 | 22.92 | 23.47 | 20.68 | 24.84 | 23.53 | 26.73 | 22.57 | 21.59 | 21.44 |
| 24011 | 1.32 | 1.06 | 0.93 | 0.89 | 1.04 | 1.45 | 1.75 | 1.83 | 1.12 | 1.12 | 1.50 | 1.51 | 1.43 | 1.19 | 1.07 | 1.12 | 0.91 | 1.14 | 0.78 | 1.18 | 1.61 | 1.56 | 1.43 | 1.39 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.54 | -13.40 | -20.05 | -0.65 | -0.02 | -0.02 | -1.50 | -3.21 | -5.39 | -9.17 | -4.09 | -14.35 | -7.22 | -4.77 | -0.07 | 0.00 | -0.48 |
| ADK RESOURCE___RCVRY | 24.07 | 20.20 | 18.32 | 19.06 | 21.29 | 24.43 | 28.14 | 30.22 | 30.17 | 35.98 | 22.45 | 22.39 | 22.07 | 20.50 | 20.55 | 22.91 | 23.47 | 20.81 | 24.89 | 23.61 | 26.73 | 22.66 | 21.74 | 21.63 |
| 23798 | 1.44 | 1.14 | 0.97 | 0.94 | 1.12 | 1.62 | 1.92 | 2.01 | 1.22 | 1.23 | 1.66 | 1.70 | 1.58 | 1.29 | 1.16 | 1.23 | 0.98 | 1.26 | 0.88 | 1.31 | 1.78 | 1.71 | 1.59 | 1.58 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -2.55 | -13.40 | -19.99 | -0.49 | 0.00 | 0.00 | -1.47 | -3.22 | -5.27 | -9.09 | -4.09 | -14.31 | -7.17 | -4.59 | -0.01 | 0.00 | -0.48 |
| ADK S GLENS___FALLS | 24.04 | 20.12 | 18.28 | 19.01 | 21.21 | 24.26 | 27.98 | 30.02 | 30.06 | 35.93 | 22.45 | 22.22 | 21.94 | 20.43 | 20.47 | 22.92 | 23.47 | 20.68 | 24.84 | 23.53 | 26.73 | 22.57 | 21.59 | 21.44 |
| 24028 | 1.32 | 1.06 | 0.93 | 0.89 | 1.04 | 1.45 | 1.75 | 1.83 | 1.12 | 1.12 | 1.50 | 1.51 | 1.43 | 1.19 | 1.07 | 1.12 | 0.91 | 1.14 | 0.78 | 1.18 | 1.61 | 1.56 | 1.43 | 1.39 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.54 | -13.40 | -20.05 | -0.65 | -0.02 | -0.02 | -1.50 | -3.21 | -5.39 | -9.17 | -4.09 | -14.35 | -7.22 | -4.77 | -0.07 | 0.00 | -0.48 |
| ADK_NYS___DAM | 23.76 | 19.99 | 18.16 | 18.95 | 21.11 | 23.94 | 27.59 | 29.56 | 29.32 | 34.92 | 21.94 | 21.75 | 21.59 | 20.21 | 20.22 | 22.41 | 22.91 | 20.12 | 24.02 | 22.85 | 25.87 | 22.19 | 21.32 | 21.11 |
| 23527 | 1.13 | 0.93 | 0.81 | 0.83 | 0.94 | 1.13 | 1.37 | 1.44 | 0.84 | 0.88 | 1.16 | 1.07 | 1.10 | 1.02 | 0.93 | 0.91 | 0.74 | 0.72 | 0.51 | 0.79 | 1.09 | 1.24 | 1.16 | 1.08 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -2.46 | -12.94 | -19.28 | -0.48 | 0.00 | 0.00 | -1.45 | -3.12 | -5.09 | -8.78 | -3.95 | -13.80 | -6.93 | -4.43 | -0.01 | 0.00 | -0.46 |
| AIR_PRODUCTS___DRP | 23.15 | 19.43 | 17.71 | 18.47 | 20.52 | 23.30 | 26.86 | 28.78 | 28.84 | 34.49 | 21.64 | 21.36 | 21.15 | 19.74 | 19.77 | 22.14 | 22.67 | 19.88 | 23.82 | 22.57 | 25.62 | 21.71 | 20.76 | 20.52 |
| 24190 | 0.44 | 0.37 | 0.35 | 0.35 | 0.34 | 0.49 | 0.64 | 0.69 | 0.42 | 0.47 | 0.70 | 0.66 | 0.64 | 0.57 | 0.51 | 0.54 | 0.47 | 0.50 | 0.33 | 0.50 | 0.67 | 0.70 | 0.60 | 0.49 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.43 | -12.86 | -19.26 | -0.64 | -0.02 | -0.02 | -1.43 | -3.08 | -5.19 | -8.81 | -3.93 | -13.79 | -6.94 | -4.60 | -0.07 | -0.01 | -0.46 |
| AKWESSNE_115KV_BK | 13.93 | 18.73 | 17.08 | 17.79 | 19.90 | 22.40 | 25.76 | 25.20 | 15.28 | 14.68 | 20.03 | 20.48 | 20.33 | 17.55 | 15.98 | 16.21 | 13.25 | 15.27 | 9.63 | 14.88 | 20.01 | 20.61 | 19.89 | 19.27 |
| 355683 | -0.36 | -0.33 | -0.32 | -0.34 | -0.33 | -0.41 | -0.44 | -0.47 | -0.33 | -0.31 | -0.43 | -0.38 | -0.33 | -0.33 | -0.22 | -0.23 | -0.19 | -0.20 | -0.14 | -0.28 | -0.37 | -0.33 | -0.27 | -0.31 |
| | 8.34 | 0.00 | -0.05 | -0.01 | -0.05 | 0.00 | 0.00 | -0.01 | -0.07 | -0.23 | -0.16 | -0.17 | -0.17 | -0.14 | -0.02 | -0.03 | -0.05 | -0.02 | -0.07 | -0.04 | -0.02 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 23.15 | 19.43 | 17.71 | 18.47 | 20.52 | 23.30 | 26.86 | 28.78 | 28.84 | 34.49 | 21.64 | 21.36 | 21.15 | 19.74 | 19.77 | 22.14 | 22.67 | 19.88 | 23.82 | 22.57 | 25.62 | 21.71 | 20.76 | 20.52 |
| 23571 | 0.44 | 0.37 | 0.35 | 0.35 | 0.34 | 0.49 | 0.64 | 0.69 | 0.42 | 0.47 | 0.70 | 0.66 | 0.64 | 0.57 | 0.51 | 0.54 | 0.47 | 0.50 | 0.33 | 0.50 | 0.67 | 0.70 | 0.60 | 0.49 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.43 | -12.86 | -19.26 | -0.64 | -0.02 | -0.02 | -1.43 | -3.08 | -5.19 | -8.81 | -3.93 | -13.79 | -6.94 | -4.60 | -0.07 | -0.01 | -0.46 |
| ALBANY___2 | 23.15 | 19.43 | 17.71 | 18.47 | 20.52 | 23.30 | 26.86 | 28.78 | 28.84 | 34.49 | 21.64 | 21.36 | 21.15 | 19.74 | 19.77 | 22.14 | 22.67 | 19.88 | 23.82 | 22.57 | 25.62 | 21.71 | 20.76 | 20.52 |
| 23572 | 0.44 | 0.37 | 0.35 | 0.35 | 0.34 | 0.49 | 0.64 | 0.69 | 0.42 | 0.47 | 0.70 | 0.66 | 0.64 | 0.57 | 0.51 | 0.54 | 0.47 | 0.50 | 0.33 | 0.50 | 0.67 | 0.70 | 0.60 | 0.49 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.43 | -12.86 | -19.26 | -0.64 | -0.02 | -0.02 | -1.43 | -3.08 | -5.19 | -8.81 | -3.93 | -13.79 | -6.94 | -4.60 | -0.07 | -0.01 | -0.46 |
| ALBANY___3 | 23.15 | 19.43 | 17.71 | 18.47 | 20.52 | 23.30 | 26.86 | 28.78 | 28.84 | 34.49 | 21.64 | 21.36 | 21.15 | 19.74 | 19.77 | 22.14 | 22.67 | 19.88 | 23.82 | 22.57 | 25.62 | 21.71 | 20.76 | 20.52 |
| 23573 | 0.44 | 0.37 | 0.35 | 0.35 | 0.34 | 0.49 | 0.64 | 0.69 | 0.42 | 0.47 | 0.70 | 0.66 | 0.64 | 0.57 | 0.51 | 0.54 | 0.47 | 0.50 | 0.33 | 0.50 | 0.67 | 0.70 | 0.60 | 0.49 |
| | -0.08 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -2.43 | -12.86 | -19.26 | -0.64 | -0.02 | -0.02 | -1.43 | -3.08 | -5.19 | -8.81 | -3.93 | -13.79 | -6.94 | -4.60 | -0.07 | -0.01 | -0.46 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 23.15 0.44 -0.08 | 19.43 0.37 0.00 | 17.71 0.35 0.00 | 18.47 0.35 0.00 | 20.52 0.34 -0.01 | 23.30 0.49 0.00 | 26.86 0.64 -0.01 | 28.78 0.69 -2.43 | 28.84 0.42 -12.86 | 34.49 0.47 -19.26 | 21.64 0.70 -0.64 | 21.36 0.66 -0.02 | 21.15 0.64 -0.02 | 19.74 0.57 -1.43 | 19.77 0.51 -3.08 | 22.14 0.54 -5.19 | 22.67 0.47 -8.81 | 19.88 0.50 -3.93 | 23.82 0.33 -13.79 | 22.57 0.50 -6.94 | 25.62 0.67 -4.60 | 21.71 0.70 -0.07 | 20.76 0.60 -0.01 | 20.52 0.49 -0.46 |
| ALBANY___LFGE 323615 | 23.27 0.63 0.00 | 19.59 0.53 0.00 | 17.84 0.49 0.00 | 18.61 0.49 0.00 | 20.69 0.51 0.00 | 23.49 0.68 0.00 | 27.08 0.86 -0.01 | 29.07 0.94 -2.48 | 29.17 0.58 -13.05 | 34.83 0.61 -19.46 | 21.66 0.88 -0.48 | 21.53 0.85 0.00 | 21.32 0.83 0.00 | 19.90 0.74 -1.42 | 19.97 0.66 -3.13 | 22.23 0.69 -5.13 | 22.83 0.59 -8.85 | 20.08 0.64 -3.98 | 24.05 0.42 -13.93 | 22.76 0.65 -6.98 | 25.68 0.86 -4.47 | 21.84 0.89 -0.01 | 20.93 0.77 0.00 | 20.70 0.66 -0.46 |
| ALCOA_PA_115KV_PL-6C 55860 | 14.03 -0.34 8.26 | 18.74 -0.31 0.00 | 17.32 -0.32 -0.28 | 17.91 -0.34 -0.13 | 20.40 -0.33 -0.55 | 22.41 -0.40 0.00 | 25.78 -0.43 0.00 | 25.22 -0.46 -0.02 | 15.29 -0.33 -0.08 | 15.83 -0.31 -1.38 | 21.47 -0.43 -1.59 | 21.92 -0.38 -1.62 | 21.77 -0.33 -1.61 | 18.65 -0.34 -1.25 | 15.98 -0.22 -0.02 | 16.21 -0.23 -0.03 | 13.26 -0.18 -0.05 | 15.29 -0.19 -0.03 | 9.66 -0.13 -0.09 | 14.91 -0.26 -0.04 | 20.04 -0.34 -0.03 | 20.63 -0.31 0.00 | 19.91 -0.25 0.00 | 19.28 -0.30 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 14.03 -0.34 8.26 | 18.74 -0.31 0.00 | 17.32 -0.32 -0.28 | 17.91 -0.34 -0.13 | 20.40 -0.33 -0.55 | 22.41 -0.40 0.00 | 25.78 -0.43 0.00 | 25.22 -0.46 -0.02 | 15.29 -0.33 -0.08 | 15.83 -0.31 -1.38 | 21.47 -0.43 -1.59 | 21.92 -0.38 -1.62 | 21.77 -0.33 -1.61 | 18.65 -0.34 -1.25 | 15.98 -0.22 -0.02 | 16.21 -0.23 -0.03 | 13.26 -0.18 -0.05 | 15.29 -0.19 -0.03 | 9.66 -0.13 -0.09 | 14.91 -0.26 -0.04 | 20.04 -0.34 -0.03 | 20.63 -0.31 0.00 | 19.91 -0.25 0.00 | 19.28 -0.30 0.00 |
| ALCOA___DSASP 323711 | 14.14 -0.35 8.15 | 18.74 -0.31 0.00 | 17.30 -0.31 -0.26 | 17.91 -0.34 -0.13 | 20.40 -0.33 -0.55 | 22.41 -0.40 0.00 | 25.78 -0.43 0.00 | 25.20 -0.45 0.00 | 15.21 -0.33 -0.32 | 15.70 -0.32 -1.26 | 21.45 -0.43 -1.59 | 21.92 -0.38 -1.61 | 21.77 -0.33 -1.61 | 18.64 -0.34 -1.24 | 15.96 -0.22 0.00 | 16.18 -0.23 0.00 | 13.21 -0.18 0.00 | 15.27 -0.19 0.00 | 9.57 -0.13 0.00 | 14.86 -0.26 0.00 | 20.01 -0.34 0.00 | 20.63 -0.31 0.00 | 19.91 -0.25 0.00 | 19.28 -0.30 0.00 |
| ALLEGHENY___COGEN 23514 | 23.54 0.91 0.00 | 19.83 0.77 0.00 | 18.17 0.81 0.00 | 19.04 0.92 0.00 | 21.07 0.90 0.00 | 23.72 0.92 0.00 | 27.05 0.62 -0.22 | 27.39 0.78 -0.95 | 18.07 0.44 -2.09 | 28.70 -0.10 -14.04 | 44.61 -0.19 -24.50 | 20.37 -0.31 0.00 | 20.47 -0.02 0.00 | 21.02 0.03 -3.25 | 16.83 0.09 -0.56 | 38.09 0.08 -21.59 | 29.55 0.12 -16.04 | 16.32 0.23 -0.64 | 22.19 0.33 -12.16 | 25.65 0.64 -9.89 | 53.48 0.96 -32.17 | 31.53 0.82 -9.76 | 21.62 0.74 -0.72 | 20.77 1.12 -0.08 |
| ALTAMONT_115KV_TB 2 55880 | 23.51 0.79 -0.08 | 19.73 0.67 0.00 | 17.98 0.62 0.00 | 18.76 0.64 0.00 | 20.84 0.66 -0.01 | 23.65 0.83 0.00 | 27.23 1.01 -0.01 | 29.13 1.06 -2.42 | 28.98 0.66 -12.78 | 34.56 0.67 -19.13 | 21.85 0.92 -0.63 | 21.61 0.90 -0.02 | 21.41 0.90 -0.02 | 19.95 0.80 -1.41 | 19.95 0.71 -3.06 | 22.30 0.73 -5.15 | 22.75 0.61 -8.76 | 20.02 0.67 -3.90 | 23.84 0.44 -13.70 | 22.71 0.69 -6.89 | 25.85 0.93 -4.57 | 21.96 0.95 -0.07 | 21.01 0.85 -0.01 | 20.81 0.78 -0.45 |
| ALTONA_WT_PWR 323606 | -14.19 -1.20 35.62 | 18.06 -1.00 0.00 | 10.25 -1.00 6.10 | 13.86 -1.07 3.18 | 6.07 -0.96 13.13 | 22.73 -0.08 0.00 | 26.28 0.07 0.00 | 26.22 0.56 0.00 | 15.21 -0.34 0.00 | -18.36 -0.60 32.52 | -21.58 -0.82 41.06 | -21.61 -0.81 41.49 | -21.67 -0.70 41.47 | -14.88 -0.70 31.92 | 16.00 -0.17 0.00 | 16.27 -0.15 0.00 | 13.29 -0.10 0.00 | 15.53 0.07 0.00 | 9.82 0.11 0.00 | 15.39 0.26 0.00 | 20.80 0.45 0.00 | 21.30 0.36 0.00 | 20.44 0.28 0.00 | 20.04 0.47 0.00 |
| AMERICAN_REF_FUEL 24010 | 22.07 -0.57 0.00 | 18.67 -0.39 0.00 | 17.03 -0.32 0.00 | 17.85 -0.27 0.00 | 19.93 -0.25 0.00 | 22.46 -0.35 0.00 | 25.29 -0.86 0.06 | 25.15 -0.72 -0.21 | 17.18 -0.27 -1.90 | 14.15 -0.43 0.18 | 13.02 -0.61 6.67 | 19.84 -0.84 0.00 | 19.49 -1.00 0.00 | 16.11 -0.98 0.66 | 15.41 -1.14 -0.37 | 10.50 -0.87 5.05 | 9.76 -0.77 2.87 | 14.90 -1.06 -0.51 | 8.34 -0.57 0.80 | 12.67 -0.86 1.59 | 11.15 -1.07 8.13 | 16.66 -1.34 2.93 | 18.58 -1.21 0.37 | 18.83 -0.68 0.07 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 22.84 0.21 0.00 | 19.23 0.17 0.00 | 17.63 0.28 0.00 | 18.51 0.39 0.00 | 20.94 0.77 0.00 | 23.67 0.86 0.00 | 26.84 0.69 0.06 | 26.73 0.83 -0.25 | 18.12 0.47 -2.10 | 15.11 0.21 -0.15 | 13.89 0.17 6.58 | 20.96 0.28 0.00 | 20.61 0.12 0.00 | 17.06 -0.06 0.63 | 15.93 -0.37 -0.12 | 11.47 -0.04 4.91 | 10.59 -0.09 2.71 | 15.96 -0.04 -0.55 | 9.08 -0.06 0.57 | 13.82 0.19 1.50 | 12.50 0.11 7.97 | 17.84 -0.14 2.95 | 19.61 -0.14 0.40 | 19.82 0.34 0.09 |
| ARTHUR_KILL_GT_1 23520 | 24.38 1.75 0.00 | 20.58 1.52 0.00 | 18.73 1.38 0.00 | 19.56 1.44 0.00 | 21.73 1.55 0.00 | 24.65 1.84 0.00 | 28.44 2.22 -0.01 | 30.13 2.38 -2.10 | 28.05 1.46 -11.05 | 32.62 1.39 -16.47 | 22.68 1.97 -0.41 | 22.66 1.97 0.00 | 22.53 2.04 0.00 | 21.21 1.83 -1.63 | 20.63 1.63 -2.82 | 22.49 1.65 -4.42 | 22.16 1.28 -7.49 | 20.28 1.43 -3.39 | 22.43 0.94 -11.79 | 22.68 1.51 -6.05 | 26.20 2.06 -3.79 | 22.92 1.97 -0.01 | 22.01 1.85 0.00 | 21.73 1.77 -0.38 |
| ARTHUR_KILL_2 23512 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.69 1.34 0.00 | 19.51 1.39 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.37 2.15 -0.01 | 30.06 2.30 -2.10 | 28.01 1.42 -11.05 | 32.58 1.35 -16.47 | 22.63 1.92 -0.41 | 22.61 1.92 0.00 | 22.48 1.98 0.00 | 21.16 1.79 -1.63 | 20.59 1.59 -2.82 | 22.45 1.61 -4.42 | 22.13 1.24 -7.49 | 20.24 1.40 -3.39 | 22.41 0.91 -11.79 | 22.64 1.47 -6.05 | 26.14 2.00 -3.79 | 22.86 1.91 -0.01 | 21.96 1.80 0.00 | 21.69 1.73 -0.38 |
| ARTHUR_KILL_3 23513 | 24.27 1.63 0.00 | 20.49 1.43 0.00 | 18.67 1.31 0.00 | 19.49 1.37 0.00 | 21.63 1.45 0.00 | 24.52 1.71 0.00 | 28.25 2.04 -0.01 | 29.98 2.23 -2.10 | 27.98 1.39 -11.05 | 32.58 1.35 -16.47 | 22.66 1.96 -0.41 | 22.65 1.96 0.00 | 22.50 2.00 0.00 | 21.19 1.82 -1.63 | 20.62 1.61 -2.82 | 22.46 1.62 -4.42 | 22.12 1.23 -7.49 | 20.26 1.42 -3.39 | 22.40 0.91 -11.79 | 22.61 1.43 -6.05 | 26.08 1.94 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.59 1.63 -0.38 |
| ARTHUR_KILL_COGEN 323718 | 24.38 1.75 0.00 | 20.58 1.52 0.00 | 18.73 1.38 0.00 | 19.56 1.44 0.00 | 21.73 1.55 0.00 | 24.65 1.84 0.00 | 28.44 2.22 -0.01 | 30.13 2.38 -2.10 | 28.05 1.46 -11.05 | 32.62 1.39 -16.47 | 22.68 1.97 -0.41 | 22.66 1.97 0.00 | 22.53 2.04 0.00 | 21.21 1.83 -1.63 | 20.63 1.63 -2.82 | 22.49 1.65 -4.42 | 22.16 1.28 -7.49 | 20.28 1.43 -3.39 | 22.43 0.94 -11.79 | 22.68 1.51 -6.05 | 26.20 2.06 -3.79 | 22.92 1.97 -0.01 | 22.01 1.85 0.00 | 21.73 1.77 -0.38 |
| ASHOKAN____ 23654 | 23.63 1.00 0.00 | 19.89 0.83 0.00 | 18.13 0.78 0.00 | 18.90 0.78 0.00 | 21.01 0.83 0.00 | 23.93 1.12 0.00 | 27.54 1.32 -0.01 | 29.28 1.36 -2.26 | 28.24 0.78 -11.92 | 33.24 0.72 -17.77 | 21.77 1.02 -0.44 | 21.75 1.06 0.00 | 21.53 1.03 0.00 | 20.18 0.94 -1.50 | 19.88 0.76 -2.94 | 21.97 0.83 -4.72 | 22.21 0.74 -8.08 | 19.92 0.82 -3.65 | 22.94 0.52 -12.72 | 22.43 0.86 -6.44 | 25.66 1.23 -4.08 | 22.19 1.23 -0.01 | 21.22 1.06 0.00 | 20.92 0.92 -0.42 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 24.32 1.68 0.00 | 20.52 1.46 0.00 | 18.67 1.32 0.00 | 19.47 1.36 0.00 | 21.60 1.43 0.00 | 24.49 1.68 0.00 | 28.27 2.05 -0.01 | 30.00 2.24 -2.10 | 28.07 1.48 -11.05 | 32.65 1.42 -16.47 | 22.73 2.02 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.25 1.87 -1.63 | 20.69 1.68 -2.82 | 22.52 1.68 -4.42 | 22.15 1.27 -7.49 | 20.29 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.16 2.02 -3.79 | 22.87 1.91 -0.01 | 21.94 1.78 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 24.31 1.68 0.00 | 20.52 1.46 0.00 | 18.67 1.32 0.00 | 19.47 1.36 0.00 | 21.60 1.43 0.00 | 24.49 1.68 0.00 | 28.27 2.05 -0.01 | 30.00 2.24 -2.10 | 28.07 1.48 -11.05 | 32.65 1.42 -16.47 | 22.73 2.02 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.25 1.87 -1.63 | 20.69 1.68 -2.82 | 22.52 1.68 -4.42 | 22.15 1.27 -7.49 | 20.29 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.16 2.02 -3.79 | 22.86 1.91 -0.01 | 21.94 1.78 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_GT2_1 24094 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT2_2 24095 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT2_3 24096 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT2_4 24097 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT3_1 24098 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT3_2 24099 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT3_3 24100 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT3_4 24101 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT4_1 24102 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT4_2 24103 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT4_3 24104 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT4_4 24105 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA_GT_1 23523 | 24.36 1.73 0.00 | 20.56 1.50 0.00 | 18.71 1.36 0.00 | 19.51 1.39 0.00 | 21.64 1.47 0.00 | 24.54 1.73 0.00 | 28.33 2.12 -0.01 | 30.07 2.31 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.77 2.07 -0.41 | 22.79 2.11 0.00 | 22.63 2.13 0.00 | 21.30 1.92 -1.63 | 20.73 1.73 -2.82 | 22.56 1.72 -4.42 | 22.18 1.30 -7.49 | 20.33 1.49 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.21 2.07 -3.79 | 22.92 1.97 -0.01 | 21.99 1.83 0.00 | 21.74 1.78 -0.38 |

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|----------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT_10 24110 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_GT_11 24225 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_GT_12 24226 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_GT_13 24227 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| ASTORIA_GT_5 24106 | 24.36 1.73 0.00 | 20.56 1.50 0.00 | 18.71 1.36 0.00 | 19.51 1.39 0.00 | 21.64 1.47 0.00 | 24.54 1.73 0.00 | 28.33 2.12 -0.01 | 30.07 2.31 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.77 2.07 -0.41 | 22.79 2.11 0.00 | 22.63 2.13 0.00 | 21.30 1.92 -1.63 | 20.73 1.73 -2.82 | 22.56 1.72 -4.42 | 22.18 1.30 -7.49 | 20.33 1.49 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.21 2.07 -3.79 | 22.92 1.97 -0.01 | 21.99 1.83 0.00 | 21.74 1.78 -0.38 |
| ASTORIA_GT_7 24107 | 24.36 1.73 0.00 | 20.56 1.50 0.00 | 18.71 1.36 0.00 | 19.51 1.39 0.00 | 21.64 1.47 0.00 | 24.54 1.73 0.00 | 28.33 2.12 -0.01 | 30.07 2.31 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.77 2.07 -0.41 | 22.79 2.11 0.00 | 22.63 2.13 0.00 | 21.30 1.92 -1.63 | 20.73 1.73 -2.82 | 22.56 1.72 -4.42 | 22.18 1.30 -7.49 | 20.33 1.49 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.21 2.07 -3.79 | 22.92 1.97 -0.01 | 21.99 1.83 0.00 | 21.74 1.78 -0.38 |
| ASTORIA_GT_8 24108 | 24.36 1.73 0.00 | 20.56 1.50 0.00 | 18.71 1.36 0.00 | 19.51 1.39 0.00 | 21.64 1.47 0.00 | 24.54 1.73 0.00 | 28.33 2.12 -0.01 | 30.07 2.31 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.77 2.07 -0.41 | 22.79 2.11 0.00 | 22.63 2.13 0.00 | 21.30 1.92 -1.63 | 20.73 1.73 -2.82 | 22.56 1.72 -4.42 | 22.18 1.30 -7.49 | 20.33 1.49 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.21 2.07 -3.79 | 22.92 1.97 -0.01 | 21.99 1.83 0.00 | 21.74 1.78 -0.38 |
| ASTORIA___2 24149 | 24.32 1.69 0.00 | 20.53 1.47 0.00 | 18.68 1.32 0.00 | 19.49 1.37 0.00 | 21.61 1.43 0.00 | 24.50 1.69 0.00 | 28.28 2.07 -0.01 | 30.02 2.26 -2.10 | 28.08 1.48 -11.05 | 32.66 1.43 -16.47 | 22.73 2.03 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.26 1.88 -1.63 | 20.70 1.69 -2.82 | 22.52 1.69 -4.42 | 22.16 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.65 1.48 -6.05 | 26.17 2.03 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.71 1.75 -0.38 |
| ASTORIA___3 23516 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| ASTORIA___4 23517 | 24.50 1.77 -0.10 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.55 -0.01 | 24.61 1.80 0.00 | 28.38 2.16 -0.01 | 30.08 2.33 -2.10 | 28.07 1.48 -11.05 | 32.76 1.43 -16.57 | 22.98 2.07 -0.61 | 22.79 2.08 -0.02 | 22.63 2.11 -0.02 | 21.33 1.92 -1.67 | 20.72 1.71 -2.82 | 22.69 1.71 -4.57 | 22.30 1.31 -7.60 | 20.34 1.50 -3.39 | 22.52 0.95 -11.86 | 22.74 1.51 -6.10 | 26.41 2.04 -4.02 | 22.97 1.94 -0.09 | 21.97 1.80 -0.01 | 21.70 1.73 -0.38 |
| ASTORIA___5 23518 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| AST_ENERGY_2_CC3 323677 | 24.31 1.68 0.00 | 20.55 1.49 0.00 | 18.72 1.36 0.00 | 19.55 1.43 0.00 | 21.67 1.50 0.00 | 24.55 1.74 0.00 | 28.30 2.08 -0.01 | 30.01 2.25 -2.10 | 28.03 1.44 -11.05 | 32.62 1.39 -16.47 | 22.72 2.01 -0.41 | 22.72 2.03 0.00 | 22.57 2.07 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.51 1.67 -4.42 | 22.15 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.84 1.89 -0.01 | 21.93 1.77 0.00 | 21.63 1.67 -0.38 |
| AST_ENERGY_2_CC4 323678 | 24.31 1.68 0.00 | 20.55 1.49 0.00 | 18.72 1.36 0.00 | 19.55 1.43 0.00 | 21.67 1.50 0.00 | 24.55 1.74 0.00 | 28.30 2.08 -0.01 | 30.01 2.25 -2.10 | 28.03 1.44 -11.05 | 32.62 1.39 -16.47 | 22.72 2.01 -0.41 | 22.72 2.03 0.00 | 22.57 2.07 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.51 1.67 -4.42 | 22.15 1.27 -7.49 | 20.30 1.45 -3.39 | 22.43 0.93 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.84 1.89 -0.01 | 21.93 1.77 0.00 | 21.63 1.67 -0.38 |
| ATHENS_STG_1 23668 | 23.69 1.05 0.00 | 19.98 0.92 0.00 | 18.21 0.85 0.00 | 19.00 0.89 0.00 | 21.08 0.91 0.00 | 23.91 1.10 0.00 | 27.55 1.33 -0.01 | 29.42 1.50 -2.26 | 28.36 0.93 -11.89 | 33.41 0.91 -17.73 | 22.05 1.31 -0.44 | 21.98 1.29 0.00 | 21.80 1.30 0.00 | 20.78 1.18 -1.85 | 20.31 1.05 -3.08 | 22.26 1.07 -4.78 | 22.30 0.83 -8.07 | 20.06 0.95 -3.65 | 23.01 0.61 -12.69 | 22.64 0.97 -6.54 | 25.74 1.31 -4.08 | 22.20 1.25 -0.01 | 21.28 1.12 0.00 | 21.03 1.05 -0.41 |
| ATHENS_STG_2 23670 | 23.69 1.05 0.00 | 19.98 0.92 0.00 | 18.21 0.85 0.00 | 19.00 0.89 0.00 | 21.08 0.91 0.00 | 23.91 1.10 0.00 | 27.55 1.33 -0.01 | 29.42 1.50 -2.26 | 28.36 0.93 -11.89 | 33.41 0.91 -17.73 | 22.05 1.31 -0.44 | 21.98 1.29 0.00 | 21.80 1.30 0.00 | 20.78 1.18 -1.85 | 20.31 1.05 -3.08 | 22.26 1.07 -4.78 | 22.30 0.83 -8.07 | 20.06 0.95 -3.65 | 23.01 0.61 -12.69 | 22.64 0.97 -6.54 | 25.74 1.31 -4.08 | 22.20 1.25 -0.01 | 21.28 1.12 0.00 | 21.03 1.05 -0.41 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_3 23677 | 23.69 1.05 0.00 | 19.98 0.92 0.00 | 18.21 0.85 0.00 | 19.00 0.89 0.00 | 21.08 0.91 0.00 | 23.91 1.10 0.00 | 27.55 1.33 -0.01 | 29.42 1.50 -2.26 | 28.36 0.93 -11.89 | 33.41 0.91 -17.73 | 22.05 1.31 -0.44 | 21.98 1.29 0.00 | 21.80 1.30 0.00 | 20.78 1.18 -1.85 | 20.31 1.05 -3.08 | 22.26 1.07 -4.78 | 22.30 0.83 -8.07 | 20.06 0.95 -3.65 | 23.01 0.61 -12.69 | 22.64 0.97 -6.54 | 25.74 1.31 -4.08 | 22.20 1.25 -0.01 | 21.28 1.12 0.00 | 21.03 1.05 -0.41 |
| AUBURN____LFGE 323710 | 23.69 0.53 -0.52 | 19.46 0.40 0.00 | 17.79 0.42 -0.01 | 18.59 0.46 -0.01 | 20.72 0.51 -0.04 | 23.53 0.72 0.00 | 26.99 0.78 0.00 | 26.80 0.86 -0.29 | 17.59 0.55 -1.49 | 17.90 0.46 -2.68 | 21.85 0.55 -1.00 | 21.34 0.55 -0.10 | 21.03 0.43 -0.10 | 18.54 0.43 -0.36 | 16.88 0.34 -0.37 | 18.08 0.36 -1.31 | 15.18 0.27 -1.52 | 16.23 0.32 -0.46 | 11.88 0.24 -1.94 | 16.68 0.47 -1.08 | 22.59 0.64 -1.59 | 21.88 0.60 -0.34 | 20.72 0.54 -0.03 | 20.16 0.52 -0.05 |
| BABYLON_RES_REC 323704 | 24.70 2.07 0.00 | 20.84 1.78 0.00 | 18.97 1.62 0.00 | 19.77 1.65 0.00 | 21.91 1.74 0.00 | 25.02 2.21 0.00 | 28.71 2.49 -0.01 | 30.31 2.55 -2.10 | 28.08 1.49 -11.05 | 32.52 1.29 -16.47 | 22.80 2.09 -0.41 | 22.83 2.14 0.00 | 22.58 2.08 0.00 | 21.14 1.76 -1.63 | 20.68 1.68 -2.83 | 62.28 1.99 -43.88 | 22.19 1.31 -7.49 | 20.15 1.31 -3.39 | 22.44 0.94 -11.79 | 22.69 1.52 -6.05 | 26.15 2.01 -3.79 | 22.95 1.99 -0.01 | 22.17 2.02 0.00 | 21.95 1.99 -0.38 |
| BABYLON__69_KV_BK2 356345 | 25.02 2.29 -0.10 | 21.02 1.97 0.00 | 19.15 1.80 0.00 | 19.95 1.83 0.00 | 22.11 1.93 -0.01 | 25.22 2.41 0.00 | 28.94 2.72 -0.01 | 30.48 2.72 -2.10 | 28.19 1.59 -11.05 | 32.70 1.38 -16.57 | 23.16 2.25 -0.61 | 23.00 2.29 -0.02 | 22.72 2.20 -0.02 | 21.29 1.88 -1.67 | 20.78 1.78 -2.83 | 62.58 2.13 -44.03 | 22.49 1.49 -7.60 | 20.35 1.51 -3.39 | 22.66 1.09 -11.86 | 23.01 1.78 -6.10 | 26.82 2.44 -4.02 | 23.35 2.33 -0.09 | 22.37 2.20 -0.01 | 22.13 2.17 -0.38 |
| BARON_WINDS____WT_PWR 323822 | 22.60 -0.03 0.00 | 19.03 -0.03 0.00 | 17.49 0.14 0.00 | 18.50 0.38 0.00 | 20.47 0.30 0.00 | 23.05 0.24 0.00 | 25.81 -0.01 0.38 | 25.47 0.29 0.48 | 18.39 0.28 -2.56 | -0.52 0.01 15.28 | -22.28 -0.01 42.57 | 20.72 0.04 0.00 | 20.44 -0.06 0.00 | 12.88 -0.03 4.83 | 16.72 -0.13 -0.67 | -18.86 -0.19 35.09 | -10.27 -0.03 23.63 | 16.41 0.07 -0.88 | -4.66 0.05 14.42 | 1.76 0.18 13.55 | -33.03 0.15 53.54 | 4.39 0.08 16.63 | 19.21 0.08 1.02 | 20.24 0.38 -0.28 |
| BARRETT_IC_1 23704 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_10 23701 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_11 23702 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_12 23703 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_2 23705 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_3 23706 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_4 23707 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_5 23708 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_6 23709 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_7 23710 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |

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|------------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|
| BARRETT_IC_8 23711 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT_IC_9 23700 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT___1 23545 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BARRETT___2 23546 | 24.53 1.90 0.00 | 20.71 1.65 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.78 1.60 0.00 | 24.75 1.94 0.00 | 28.37 2.16 -0.01 | 29.99 2.24 -2.10 | 27.91 1.32 -11.05 | 32.41 1.18 -16.47 | 22.73 2.02 -0.41 | 22.76 2.08 0.00 | 22.51 2.01 0.00 | 21.14 1.76 -1.63 | 20.65 1.64 -2.83 | 62.11 1.81 -43.88 | 22.10 1.21 -7.49 | 20.11 1.26 -3.39 | 22.40 0.91 -11.79 | 22.63 1.46 -6.05 | 26.11 1.98 -3.79 | 22.80 1.85 -0.01 | 21.88 1.72 0.00 | 21.71 1.75 -0.38 |
| BATAVIA___115KV_TB1 55881 | 23.58 0.58 -0.37 | 19.61 0.55 0.00 | 17.89 0.52 -0.01 | 18.76 0.63 -0.01 | 20.98 0.78 -0.02 | 23.69 0.88 0.00 | 26.90 0.71 0.01 | 26.93 0.97 -0.30 | 18.01 0.71 -1.75 | 15.93 0.44 -0.73 | 16.60 0.50 4.20 | 21.01 0.25 -0.07 | 20.57 0.00 -0.07 | 17.37 -0.11 0.26 | 16.30 -0.30 -0.42 | 13.50 0.03 2.95 | 11.90 -0.09 1.40 | 15.80 -0.19 -0.54 | 9.78 -0.05 -0.12 | 14.77 0.08 0.43 | 15.62 0.20 4.94 | 19.21 -0.01 1.72 | 20.04 0.01 0.13 | 20.04 0.40 -0.06 |
| BAYONEEC___CTG1 323682 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG10 323750 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG2 323683 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG3 323684 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG4 323685 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG5 323686 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG6 323687 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG7 323688 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG8 323689 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |
| BAYONEEC___CTG9 323749 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.73 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.05 1.46 -11.05 | 32.64 1.41 -16.47 | 22.75 2.04 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.89 -1.63 | 20.68 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.79 0.00 | 21.66 1.70 -0.38 |

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|---|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| BEACON___LESR 323632 | 23.41 0.78 0.00 | 19.69 0.63 0.00 | 17.95 0.59 0.00 | 18.71 0.59 0.00 | 20.88 0.71 0.00 | 23.70 0.89 0.00 | 27.37 1.15 -0.01 | 29.24 1.14 -2.44 | 29.08 0.67 -12.86 | 34.64 0.71 -19.17 | 21.77 0.99 -0.47 | 21.64 0.96 0.00 | 21.42 0.93 0.00 | 20.01 0.87 -1.40 | 20.03 0.77 -3.08 | 22.32 0.85 -5.05 | 22.80 0.68 -8.72 | 20.15 0.78 -3.92 | 23.92 0.49 -13.72 | 22.80 0.79 -6.88 | 25.80 1.04 -4.41 | 22.01 1.06 -0.01 | 21.06 0.90 0.00 | 20.81 0.78 -0.46 |
| BEAVER RIVER___HYD 24048 | 32.65 -0.23 -10.25 | 18.52 -0.54 0.00 | 16.68 -0.97 -0.30 | 17.23 -1.05 -0.16 | 19.86 -0.96 -0.65 | 21.80 -1.02 0.00 | 25.06 -1.15 0.00 | 24.59 -1.16 -0.09 | 15.34 -0.69 -0.48 | 16.29 -0.69 -2.21 | 21.36 -0.85 -1.91 | 21.64 -0.96 -1.91 | 21.40 -1.01 -1.91 | 18.40 -0.87 -1.52 | 15.74 -0.55 -0.11 | 16.02 -0.58 -0.19 | 13.39 -0.33 -0.33 | 15.39 -0.21 -0.15 | 10.11 -0.11 -0.51 | 15.30 -0.09 -0.26 | 20.48 -0.04 -0.16 | 20.80 -0.14 0.00 | 19.80 -0.35 0.00 | 19.02 -0.58 -0.02 |
| BEEBEE_GT_13 23619 | 23.32 0.32 -0.38 | 19.37 0.31 0.00 | 17.67 0.30 -0.01 | 18.49 0.37 -0.01 | 20.66 0.46 -0.03 | 23.34 0.53 0.00 | 26.55 0.35 0.00 | 26.49 0.54 -0.29 | 17.53 0.39 -1.60 | 16.67 0.16 -1.75 | 19.00 0.12 1.42 | 20.80 0.04 -0.07 | 20.48 -0.08 -0.07 | 17.66 -0.15 -0.06 | 16.29 -0.27 -0.39 | 15.63 -0.11 0.68 | 13.40 -0.16 -0.16 | 15.72 -0.23 -0.49 | 10.67 -0.11 -1.08 | 15.38 -0.10 -0.35 | 18.79 -0.10 1.46 | 20.04 -0.28 0.62 | 19.87 -0.24 0.05 | 19.71 0.08 -0.06 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 24.66 1.93 -0.10 | 20.72 1.66 0.00 | 18.86 1.51 0.00 | 19.68 1.56 0.00 | 21.85 1.67 -0.01 | 24.77 1.96 0.00 | 28.60 2.38 -0.01 | 30.30 2.55 -2.10 | 28.20 1.60 -11.05 | 32.88 1.55 -16.57 | 23.15 2.24 -0.61 | 22.94 2.23 -0.02 | 22.80 2.28 -0.02 | 21.47 2.06 -1.67 | 20.84 1.84 -2.82 | 22.83 1.85 -4.57 | 22.43 1.44 -7.60 | 20.47 1.63 -3.39 | 22.61 1.04 -11.86 | 22.88 1.65 -6.10 | 26.62 2.24 -4.02 | 23.17 2.15 -0.09 | 22.16 2.00 -0.01 | 21.88 1.92 -0.38 |
| BETHLEHEM___GRP 23843 | 23.15 0.44 -0.08 | 19.43 0.37 0.00 | 17.71 0.35 0.00 | 18.47 0.35 0.00 | 20.52 0.34 -0.01 | 23.30 0.49 0.00 | 26.86 0.64 -0.01 | 28.78 0.69 -2.43 | 28.84 0.42 -12.86 | 34.49 0.47 -19.26 | 21.64 0.70 -0.64 | 21.36 0.66 -0.02 | 21.15 0.64 -0.02 | 19.74 0.57 -1.43 | 19.77 0.51 -3.08 | 22.14 0.54 -5.19 | 22.67 0.47 -8.81 | 19.88 0.50 -3.93 | 23.82 0.33 -13.79 | 22.57 0.50 -6.94 | 25.62 0.67 -4.60 | 21.71 0.70 -0.07 | 20.76 0.60 -0.01 | 20.52 0.49 -0.46 |
| BETHLEHEM___GS1 323560 | 23.07 0.44 0.00 | 19.43 0.37 0.00 | 17.71 0.35 0.00 | 18.47 0.35 0.00 | 20.51 0.34 0.00 | 23.29 0.48 0.00 | 26.85 0.63 -0.01 | 28.79 0.69 -2.44 | 28.84 0.42 -12.86 | 34.41 0.47 -19.18 | 21.48 0.71 -0.47 | 21.34 0.66 0.00 | 21.13 0.64 0.00 | 19.71 0.57 -1.40 | 19.77 0.51 -3.08 | 22.00 0.53 -5.05 | 22.58 0.46 -8.73 | 19.88 0.50 -3.93 | 23.76 0.33 -13.73 | 22.51 0.50 -6.88 | 25.43 0.67 -4.41 | 21.65 0.70 -0.01 | 20.76 0.60 0.00 | 20.52 0.49 -0.46 |
| BETHLEHEM___GS2 323561 | 23.07 0.44 0.00 | 19.43 0.37 0.00 | 17.71 0.35 0.00 | 18.47 0.35 0.00 | 20.51 0.34 0.00 | 23.29 0.48 0.00 | 26.85 0.63 -0.01 | 28.79 0.69 -2.44 | 28.84 0.42 -12.86 | 34.41 0.47 -19.18 | 21.48 0.71 -0.47 | 21.34 0.66 0.00 | 21.13 0.64 0.00 | 19.71 0.57 -1.40 | 19.77 0.51 -3.08 | 22.00 0.53 -5.05 | 22.58 0.46 -8.73 | 19.88 0.50 -3.93 | 23.76 0.33 -13.73 | 22.51 0.50 -6.88 | 25.43 0.67 -4.41 | 21.65 0.70 -0.01 | 20.76 0.60 0.00 | 20.52 0.49 -0.46 |
| BETHLEHEM___GS3 323562 | 23.07 0.44 0.00 | 19.43 0.37 0.00 | 17.71 0.35 0.00 | 18.47 0.35 0.00 | 20.51 0.34 0.00 | 23.29 0.48 0.00 | 26.85 0.63 -0.01 | 28.79 0.69 -2.44 | 28.84 0.42 -12.86 | 34.41 0.47 -19.18 | 21.48 0.71 -0.47 | 21.34 0.66 0.00 | 21.13 0.64 0.00 | 19.71 0.57 -1.40 | 19.77 0.51 -3.08 | 22.00 0.53 -5.05 | 22.58 0.46 -8.73 | 19.88 0.50 -3.93 | 23.76 0.33 -13.73 | 22.51 0.50 -6.88 | 25.43 0.67 -4.41 | 21.65 0.70 -0.01 | 20.76 0.60 0.00 | 20.52 0.49 -0.46 |
| BETHLEHEM___STEEL 23779 | 23.16 0.17 -0.36 | 19.28 0.22 0.00 | 17.60 0.24 -0.01 | 18.48 0.36 -0.01 | 20.65 0.46 -0.02 | 23.27 0.46 0.00 | 26.31 0.13 0.03 | 26.32 0.36 -0.30 | 17.87 0.31 -2.02 | 13.94 0.03 0.85 | 11.65 -0.05 8.60 | 20.67 -0.09 -0.07 | 20.31 -0.25 -0.07 | 16.70 -0.28 0.77 | 16.16 -0.49 -0.47 | 9.60 -0.28 6.54 | 9.24 -0.29 3.86 | 15.70 -0.37 -0.62 | 8.11 -0.22 1.37 | 13.24 -0.22 1.67 | 9.69 -0.29 10.37 | 17.07 -0.41 3.46 | 19.56 -0.34 0.26 | 19.77 0.12 -0.07 |
| BETHLHEM_115KV_TB1 79974 | 23.22 0.51 -0.08 | 19.50 0.44 0.00 | 17.77 0.41 0.00 | 18.53 0.41 0.00 | 20.59 0.41 -0.01 | 23.37 0.56 0.00 | 26.94 0.72 -0.01 | 28.85 0.77 -2.43 | 28.86 0.48 -12.84 | 34.50 0.52 -19.22 | 21.69 0.75 -0.64 | 21.42 0.72 -0.02 | 21.21 0.70 -0.02 | 19.79 0.63 -1.43 | 19.82 0.56 -3.08 | 22.18 0.59 -5.18 | 22.69 0.50 -8.80 | 19.91 0.54 -3.92 | 23.82 0.35 -13.76 | 22.59 0.55 -6.93 | 25.67 0.73 -4.59 | 21.77 0.76 -0.07 | 20.82 0.65 -0.01 | 20.58 0.55 -0.46 |
| BETHPAGE_CC_5 323564 | 24.65 2.02 0.00 | 20.80 1.74 0.00 | 18.92 1.57 0.00 | 19.74 1.62 0.00 | 21.88 1.70 0.00 | 24.94 2.13 0.00 | 28.62 2.40 -0.01 | 30.25 2.49 -2.10 | 28.06 1.47 -11.05 | 32.52 1.29 -16.47 | 22.80 2.10 -0.41 | 22.84 2.15 0.00 | 22.58 2.09 0.00 | 21.18 1.81 -1.63 | 20.70 1.69 -2.83 | 62.23 1.94 -43.88 | 22.21 1.32 -7.49 | 20.24 1.40 -3.39 | 22.49 0.99 -11.79 | 22.79 1.61 -6.05 | 26.30 2.16 -3.79 | 23.01 2.06 -0.01 | 22.08 1.92 0.00 | 21.90 1.94 -0.38 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 23.28 0.29 -0.36 | 19.37 0.31 0.00 | 17.69 0.32 -0.01 | 18.58 0.45 -0.01 | 20.75 0.55 -0.02 | 23.39 0.58 0.00 | 26.48 0.30 0.03 | 26.67 0.69 -0.33 | 18.10 0.49 -2.06 | 14.55 0.19 0.39 | 12.80 0.20 7.70 | 20.92 0.16 -0.07 | 20.58 0.02 -0.07 | 17.06 -0.04 0.65 | 16.38 -0.29 -0.49 | 10.58 -0.07 5.76 | 9.99 -0.11 3.29 | 15.90 -0.18 -0.63 | 8.64 -0.11 0.96 | 13.72 -0.04 1.37 | 11.09 -0.05 9.21 | 17.70 -0.13 3.11 | 19.85 -0.08 0.23 | 20.00 0.34 -0.08 |
| BINGHAMTON___COGEN 23790 | 23.50 0.57 -0.30 | 19.53 0.47 0.00 | 17.82 0.46 -0.01 | 18.68 0.55 0.00 | 20.79 0.59 -0.02 | 23.51 0.70 0.00 | 26.99 0.78 -0.01 | 27.22 0.87 -0.69 | 19.65 0.55 -3.55 | 20.91 0.47 -5.68 | 21.91 0.65 -0.95 | 21.39 0.65 -0.06 | 21.13 0.57 -0.06 | 18.82 0.50 -0.58 | 17.43 0.37 -0.88 | 18.84 0.38 -2.05 | 16.58 0.33 -2.86 | 16.90 0.36 -1.09 | 14.06 0.25 -4.10 | 17.77 0.50 -2.14 | 23.20 0.63 -2.21 | 21.83 0.58 -0.31 | 20.72 0.54 -0.02 | 20.31 0.61 -0.13 |
| BIXINCNT_115KV_LOAD 355685 | 23.66 0.67 -0.35 | 19.67 0.61 0.00 | 17.99 0.63 -0.01 | 18.90 0.78 -0.01 | 21.02 0.83 -0.02 | 23.57 0.75 0.00 | 26.93 0.74 0.02 | 27.21 1.17 -0.38 | 18.38 0.66 -2.17 | 16.09 0.28 -1.06 | 15.94 0.47 4.84 | 21.25 0.50 -0.07 | 21.08 0.52 -0.07 | 17.93 0.47 0.29 | 16.80 0.06 -0.56 | 13.45 0.33 3.30 | 12.15 0.27 1.51 | 16.33 0.22 -0.66 | 10.19 0.17 -0.31 | 15.11 0.32 0.34 | 15.29 0.48 5.53 | 19.42 0.45 1.97 | 20.49 0.48 0.15 | 20.44 0.78 -0.08 |
| BLACK RIVER___HYD 24047 | 29.53 -0.25 -7.15 | 18.47 -0.59 0.00 | 16.51 -1.06 -0.21 | 17.03 -1.20 -0.11 | 19.50 -1.13 -0.46 | 21.74 -1.07 0.00 | 25.05 -1.15 0.00 | 24.61 -1.17 -0.12 | 15.48 -0.71 -0.63 | 16.03 -0.72 -1.99 | 20.75 -0.89 -1.34 | 20.98 -1.04 -1.33 | 20.73 -1.10 -1.33 | 17.82 -1.02 -1.10 | 15.65 -0.68 -0.15 | 15.92 -0.74 -0.25 | 13.38 -0.44 -0.43 | 15.38 -0.27 -0.19 | 10.27 -0.11 -0.68 | 15.38 -0.09 -0.34 | 20.60 0.02 -0.22 | 20.86 -0.08 0.00 | 19.83 -0.33 0.00 | 18.99 -0.61 -0.02 |

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|------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| BLACKRVR_115KV_TB2 79977 | 29.49 -0.25 -7.11 | 18.47 -0.59 0.00 | 16.52 -1.05 -0.21 | 17.03 -1.20 -0.11 | 19.50 -1.13 -0.46 | 21.74 -1.08 0.00 | 25.05 -1.16 0.00 | 24.61 -1.17 -0.12 | 15.47 -0.71 -0.63 | 16.05 -0.72 -2.01 | 20.79 -1.04 -1.38 | 20.99 -1.04 -1.34 | 20.73 -1.10 -1.33 | 17.83 -1.02 -1.11 | 15.65 -0.68 -0.15 | 15.95 -0.74 -0.28 | 13.40 -0.44 -0.45 | 15.38 -0.27 -0.19 | 10.28 -0.12 -0.69 | 15.39 -0.09 -0.35 | 20.64 0.02 -0.26 | 20.88 -0.08 -0.01 | 19.83 -0.33 0.00 | 18.99 -0.61 -0.02 |
| BLISS_WT_PWR 323608 | 23.28 0.64 0.00 | 19.62 0.56 0.00 | 17.98 0.62 0.00 | 18.86 0.75 0.00 | 20.92 0.75 0.00 | 23.50 0.69 0.00 | 26.93 0.76 0.04 | 27.07 1.10 -0.32 | 18.33 0.61 -2.17 | 16.01 0.25 -1.00 | 15.91 0.52 4.91 | 21.15 0.46 0.00 | 21.04 0.54 0.00 | 17.80 0.49 0.43 | 16.65 0.04 -0.43 | 13.24 0.32 3.50 | 11.99 0.30 1.70 | 16.23 0.22 -0.55 | 10.07 0.21 -0.15 | 14.51 0.32 0.93 | 14.97 0.52 5.90 | 19.05 0.48 2.36 | 20.23 0.48 0.40 | 20.23 0.77 0.12 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.47 0.76 -0.08 | 19.70 0.65 0.00 | 17.98 0.62 0.00 | 18.74 0.62 0.00 | 20.82 0.64 -0.01 | 23.64 0.83 0.00 | 27.24 1.02 -0.01 | 29.09 1.04 -2.39 | 28.82 0.64 -12.63 | 34.35 0.67 -18.92 | 21.84 0.91 -0.63 | 21.59 0.88 -0.02 | 21.37 0.86 -0.02 | 19.93 0.76 -1.42 | 19.90 0.68 -3.03 | 22.22 0.70 -5.10 | 22.66 0.61 -8.66 | 19.96 0.65 -3.86 | 23.68 0.44 -13.54 | 22.62 0.68 -6.82 | 25.76 0.89 -4.52 | 21.95 0.94 -0.07 | 21.00 0.83 -0.01 | 20.79 0.77 -0.45 |
| BOC_GAS_DRP 24189 | 23.43 0.72 -0.08 | 19.68 0.61 0.00 | 17.93 0.57 0.00 | 18.72 0.60 0.00 | 20.78 0.60 -0.01 | 23.57 0.76 0.00 | 27.15 0.93 -0.01 | 29.04 0.98 -2.40 | 28.85 0.60 -12.71 | 34.41 0.62 -19.03 | 21.82 0.89 -0.63 | 21.56 0.85 -0.02 | 21.37 0.86 -0.02 | 19.90 0.77 -1.40 | 19.90 0.68 -3.04 | 22.24 0.69 -5.12 | 22.67 0.57 -8.71 | 19.95 0.62 -3.88 | 23.74 0.41 -13.62 | 22.62 0.64 -6.85 | 25.76 0.86 -4.55 | 21.89 0.88 -0.07 | 20.95 0.79 -0.01 | 20.74 0.72 -0.45 |
| BOONVILLE_115KV_TB1 79983 | 26.62 0.21 -3.77 | 19.09 0.03 0.00 | 17.24 -0.23 -0.12 | 17.96 -0.22 -0.06 | 20.27 -0.15 -0.25 | 22.63 -0.18 0.00 | 26.02 -0.18 0.00 | 25.58 -0.16 -0.08 | 15.92 -0.05 -0.41 | 15.94 -0.06 -1.23 | 21.09 -0.03 -0.82 | 21.35 -0.09 -0.75 | 21.12 -0.12 -0.75 | 18.29 -0.09 -0.64 | 16.30 0.02 -0.10 | 16.65 0.02 -0.21 | 13.80 0.09 -0.32 | 15.75 0.17 -0.13 | 10.31 0.13 -0.47 | 15.64 0.27 -0.24 | 20.96 0.39 -0.22 | 21.29 0.33 -0.03 | 20.33 0.17 0.00 | 19.66 0.07 -0.02 |
| BORALEX_4TH_BRANCH 23824 | 23.76 1.13 0.00 | 19.99 0.93 0.00 | 18.16 0.81 0.00 | 18.95 0.83 0.00 | 21.11 0.94 0.00 | 23.94 1.13 0.00 | 27.59 1.37 -0.01 | 29.56 1.44 -2.46 | 29.32 0.84 -12.94 | 34.92 0.88 -19.28 | 21.94 1.16 -0.48 | 21.75 1.07 0.00 | 21.59 1.10 0.00 | 20.21 1.02 -1.45 | 20.22 0.93 -3.12 | 22.41 0.91 -5.09 | 22.91 0.74 -8.78 | 20.12 0.72 -3.95 | 24.02 0.51 -13.80 | 22.85 0.79 -6.93 | 25.87 1.09 -4.43 | 22.19 1.24 -0.01 | 21.32 1.16 0.00 | 21.11 1.08 -0.46 |
| BOWLINE___1 23526 | 24.16 1.52 0.00 | 20.38 1.33 0.00 | 18.54 1.19 0.00 | 19.37 1.25 0.00 | 21.49 1.31 0.00 | 24.37 1.57 0.00 | 28.11 1.89 -0.01 | 29.77 2.06 -2.06 | 27.66 1.26 -10.85 | 32.17 1.23 -16.18 | 22.51 1.81 -0.40 | 22.48 1.79 0.00 | 22.32 1.82 0.00 | 20.99 1.65 -1.60 | 20.42 1.47 -2.77 | 22.24 1.49 -4.34 | 21.89 1.14 -7.36 | 20.09 1.30 -3.33 | 22.13 0.84 -11.58 | 22.40 1.33 -5.94 | 25.88 1.81 -3.72 | 22.68 1.73 -0.01 | 21.74 1.58 0.00 | 21.46 1.51 -0.38 |
| BOWLINE___2 23595 | 24.16 1.52 0.00 | 20.38 1.33 0.00 | 18.54 1.19 0.00 | 19.37 1.25 0.00 | 21.49 1.31 0.00 | 24.37 1.57 0.00 | 28.11 1.89 -0.01 | 29.78 2.06 -2.06 | 27.66 1.26 -10.85 | 32.17 1.23 -16.18 | 22.51 1.81 -0.40 | 22.48 1.79 0.00 | 22.32 1.82 0.00 | 21.00 1.65 -1.60 | 20.43 1.47 -2.77 | 22.24 1.49 -4.34 | 21.89 1.14 -7.36 | 20.09 1.30 -3.33 | 22.13 0.84 -11.58 | 22.40 1.33 -5.94 | 25.88 1.81 -3.72 | 22.68 1.73 -0.01 | 21.74 1.59 0.00 | 21.47 1.51 -0.38 |
| BRADY___115KV_TB2 356060 | 13.55 -0.33 8.75 | 18.73 -0.32 0.00 | 17.55 -0.35 -0.55 | 18.03 -0.37 -0.27 | 20.96 -0.33 -1.12 | 22.40 -0.41 0.00 | 25.82 -0.39 0.00 | 25.27 -0.40 -0.02 | 15.32 -0.33 -0.11 | 17.15 -0.32 -2.72 | 23.12 -0.43 -3.24 | 23.60 -0.36 -3.28 | 23.42 -0.33 -3.26 | 19.89 -0.38 -2.53 | 15.96 -0.24 -0.03 | 16.21 -0.26 -0.05 | 13.28 -0.19 -0.08 | 15.30 -0.19 -0.03 | 9.69 -0.13 -0.12 | 14.95 -0.24 -0.06 | 20.12 -0.28 -0.05 | 20.68 -0.26 0.00 | 19.94 -0.22 0.00 | 19.28 -0.30 0.00 |
| BRANSCOMB___SOLAR 323811 | 23.79 1.16 0.00 | 20.00 0.94 0.00 | 18.19 0.83 0.00 | 18.95 0.83 0.00 | 21.12 0.94 0.00 | 24.07 1.26 0.00 | 27.75 1.52 -0.01 | 29.77 1.59 -2.53 | 29.82 0.96 -13.31 | 35.58 0.97 -19.85 | 22.08 1.29 -0.49 | 21.92 1.24 0.00 | 21.71 1.21 0.00 | 20.26 1.05 -1.46 | 20.33 0.95 -3.19 | 22.61 0.96 -5.23 | 23.22 0.80 -9.03 | 20.48 0.96 -4.06 | 24.56 0.65 -14.21 | 23.25 1.00 -7.12 | 26.28 1.37 -4.56 | 22.32 1.37 -0.01 | 21.41 1.25 0.00 | 21.24 1.19 -0.47 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.93 2.19 -0.10 | 20.95 1.89 0.00 | 19.09 1.73 0.00 | 19.89 1.76 0.00 | 22.03 1.85 -0.01 | 25.14 2.33 0.00 | 28.82 2.60 -0.01 | 30.30 2.55 -2.10 | 28.08 1.49 -11.05 | 32.62 1.29 -16.57 | 23.09 2.18 -0.61 | 22.94 2.23 -0.02 | 22.65 2.14 -0.02 | 21.22 1.81 -1.67 | 20.71 1.71 -2.83 | 62.49 2.05 -44.03 | 22.44 1.45 -7.60 | 20.27 1.43 -3.39 | 22.61 1.04 -11.86 | 22.93 1.70 -6.10 | 26.74 2.37 -4.02 | 23.26 2.23 -0.09 | 22.27 2.11 -0.01 | 22.04 2.08 -0.38 |
| BRISTLHL_115KV_TB1 79998 | 23.30 -0.19 -0.86 | 18.89 -0.17 0.00 | 17.20 -0.17 -0.02 | 17.98 -0.16 -0.01 | 20.07 -0.16 -0.06 | 22.65 -0.16 0.00 | 25.99 -0.22 0.00 | 25.61 -0.23 -0.18 | 16.35 -0.13 -0.93 | 16.15 -0.15 -1.53 | 20.31 -0.21 -0.22 | 20.61 -0.24 -0.17 | 20.40 -0.26 -0.17 | 17.76 -0.23 -0.25 | 16.17 -0.24 -0.23 | 16.57 -0.24 -0.39 | 13.86 -0.18 -0.65 | 15.55 -0.19 -0.29 | 10.61 -0.11 -1.01 | 15.52 -0.12 -0.51 | 20.53 -0.17 -0.35 | 20.72 -0.23 -0.01 | 19.90 -0.26 0.00 | 19.41 -0.20 -0.03 |
| BROOKHAVEN___DRP 24191 | 24.74 2.01 -0.10 | 20.82 1.76 0.00 | 18.96 1.61 0.00 | 19.76 1.64 0.00 | 21.90 1.72 -0.01 | 24.94 2.13 0.00 | 28.45 2.23 -0.01 | 30.01 2.26 -2.10 | 27.89 1.29 -11.05 | 32.39 1.06 -16.57 | 22.73 1.82 -0.61 | 22.54 1.83 -0.02 | 22.25 1.74 -0.02 | 20.86 1.45 -1.67 | 20.39 1.39 -2.83 | 62.17 1.73 -44.03 | 22.23 1.24 -7.60 | 20.05 1.20 -3.39 | 22.47 0.91 -11.86 | 22.74 1.51 -6.10 | 26.42 2.04 -4.02 | 22.92 1.90 -0.09 | 21.97 1.81 -0.01 | 21.74 1.78 -0.38 |
| BROOKLYN_NAVY_YARD 23515 | 24.32 1.69 0.00 | 20.54 1.48 0.00 | 18.70 1.35 0.00 | 19.53 1.41 0.00 | 21.65 1.47 0.00 | 24.54 1.73 0.00 | 28.29 2.07 -0.01 | 30.02 2.27 -2.10 | 28.04 1.45 -11.05 | 32.62 1.40 -16.47 | 22.70 1.99 -0.41 | 22.70 2.01 0.00 | 22.55 2.05 0.00 | 21.24 1.86 -1.63 | 20.66 1.65 -2.82 | 22.50 1.66 -4.42 | 22.15 1.27 -7.49 | 20.29 1.45 -3.39 | 22.42 0.92 -11.79 | 22.64 1.47 -6.05 | 26.12 1.98 -3.79 | 22.84 1.88 -0.01 | 21.91 1.76 0.00 | 21.60 1.64 -0.38 |
| BROOKLYN___ARMY_DRP 323595 | 24.55 1.82 -0.10 | 20.63 1.58 0.00 | 18.79 1.43 0.00 | 19.61 1.49 0.00 | 21.76 1.58 -0.01 | 24.67 1.86 0.00 | 28.47 2.25 -0.01 | 30.17 2.41 -2.10 | 28.11 1.52 -11.05 | 32.80 1.47 -16.57 | 23.03 2.13 -0.61 | 22.83 2.12 -0.02 | 22.68 2.16 -0.02 | 21.37 1.96 -1.67 | 20.75 1.74 -2.82 | 22.74 1.75 -4.57 | 22.35 1.36 -7.60 | 20.38 1.54 -3.39 | 22.55 0.98 -11.86 | 22.79 1.56 -6.10 | 26.49 2.12 -4.02 | 23.05 2.03 -0.09 | 22.05 1.89 -0.01 | 21.77 1.81 -0.38 |

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|----------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| BROOKVLE_69_KV_TB1 55790 | 24.71 1.98 -0.10 | 20.75 1.70 0.00 | 18.90 1.54 0.00 | 19.71 1.59 0.00 | 21.86 1.68 -0.01 | 24.89 2.08 0.00 | 28.64 2.42 -0.01 | 30.26 2.51 -2.10 | 28.11 1.52 -11.05 | 32.73 1.41 -16.57 | 23.11 2.20 -0.61 | 22.94 2.23 -0.02 | 22.72 2.20 -0.02 | 21.36 1.94 -1.67 | 20.80 1.79 -2.83 | 62.37 1.93 -44.03 | 22.37 1.37 -7.60 | 20.34 1.50 -3.39 | 22.59 1.02 -11.86 | 22.87 1.64 -6.10 | 26.58 2.21 -4.02 | 23.12 2.10 -0.09 | 22.09 1.93 -0.01 | 21.89 1.92 -0.38 |
| BROOME_2_LFGE 323671 | 23.20 0.57 0.00 | 19.53 0.47 0.00 | 17.82 0.46 0.00 | 18.67 0.55 0.00 | 20.77 0.59 0.00 | 23.52 0.70 0.00 | 26.99 0.78 0.00 | 27.20 0.87 -0.67 | 19.65 0.55 -3.55 | 20.52 0.46 -5.30 | 21.08 0.65 -0.13 | 21.33 0.64 0.00 | 21.06 0.57 0.00 | 18.68 0.50 -0.44 | 17.42 0.37 -0.87 | 18.19 0.37 -1.41 | 16.13 0.32 -2.41 | 16.90 0.36 -1.09 | 13.75 0.25 -3.79 | 17.54 0.49 -1.92 | 22.21 0.63 -1.23 | 21.53 0.58 0.00 | 20.70 0.54 0.00 | 20.31 0.61 -0.13 |
| BROOME__LFGE 323600 | 23.20 0.57 0.00 | 19.53 0.47 0.00 | 17.82 0.46 0.00 | 18.67 0.55 0.00 | 20.77 0.59 0.00 | 23.52 0.70 0.00 | 26.99 0.78 0.00 | 27.20 0.87 -0.67 | 19.65 0.55 -3.55 | 20.52 0.46 -5.30 | 21.08 0.65 -0.13 | 21.33 0.64 0.00 | 21.06 0.57 0.00 | 18.68 0.50 -0.44 | 17.42 0.37 -0.87 | 18.19 0.37 -1.41 | 16.13 0.32 -2.41 | 16.90 0.36 -1.09 | 13.75 0.25 -3.79 | 17.54 0.49 -1.92 | 22.21 0.63 -1.23 | 21.53 0.58 0.00 | 20.70 0.54 0.00 | 20.31 0.61 -0.13 |
| BROWNFLS_115KV_TB_3_5 80003 | 3.19 -0.95 18.50 | 18.09 -0.97 0.00 | 17.04 -1.12 -0.81 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.15 -0.87 -4.26 | 24.05 -1.15 -4.90 | 24.44 -1.17 -4.93 | 24.25 -1.16 -4.92 | 20.50 -1.06 -3.82 | 15.40 -0.84 -0.06 | 15.68 -0.86 -0.13 | 13.00 -0.59 -0.19 | 14.95 -0.58 -0.08 | 9.61 -0.39 -0.30 | 14.73 -0.55 -0.15 | 19.77 -0.70 -0.12 | 20.14 -0.81 -0.01 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| BROWNSV1_27_KV_LOAD 356125 | 24.66 1.93 -0.10 | 20.73 1.67 0.00 | 18.88 1.52 0.00 | 19.70 1.58 0.00 | 21.86 1.68 -0.01 | 24.80 1.99 0.00 | 28.62 2.40 -0.01 | 30.32 2.57 -2.10 | 28.21 1.62 -11.05 | 32.90 1.57 -16.57 | 23.17 2.26 -0.61 | 22.98 2.27 -0.02 | 22.82 2.30 -0.02 | 21.49 2.08 -1.67 | 20.85 1.85 -2.82 | 22.84 1.85 -4.57 | 22.42 1.43 -7.60 | 20.48 1.64 -3.39 | 22.61 1.05 -11.86 | 22.87 1.65 -6.10 | 26.60 2.23 -4.02 | 23.18 2.15 -0.09 | 22.16 2.00 -0.01 | 21.85 1.89 -0.38 |
| BURROWS__LYONSDAL 23803 | 27.76 0.10 -5.04 | 18.93 -0.13 0.00 | 17.06 -0.45 -0.15 | 17.74 -0.46 -0.08 | 20.12 -0.38 -0.33 | 22.37 -0.44 0.00 | 25.72 -0.49 0.00 | 25.27 -0.48 -0.09 | 15.73 -0.24 -0.43 | 15.95 -0.24 -1.43 | 21.08 -0.26 -1.04 | 21.33 -0.34 -0.98 | 21.10 -0.37 -0.98 | 18.26 -0.29 -0.81 | 16.17 -0.12 -0.10 | 16.51 -0.12 -0.21 | 13.71 -0.01 -0.32 | 15.67 0.09 -0.13 | 10.26 0.08 -0.48 | 15.57 0.09 -0.25 | 20.86 0.29 -0.22 | 21.18 0.21 -0.02 | 20.19 0.04 0.00 | 19.49 -0.10 -0.02 |
| CAITHNESS_CC_1 323624 | 24.63 2.00 0.00 | 20.81 1.75 0.00 | 18.94 1.59 0.00 | 19.75 1.63 0.00 | 21.87 1.70 0.00 | 24.93 2.12 0.00 | 28.46 2.25 -0.01 | 30.07 2.31 -2.10 | 27.91 1.32 -11.05 | 32.32 1.09 -16.47 | 22.56 1.85 -0.41 | 22.57 1.88 0.00 | 22.28 1.78 0.00 | 20.87 1.49 -1.63 | 20.43 1.43 -2.83 | 62.05 1.75 -43.88 | 22.13 1.24 -7.49 | 20.07 1.22 -3.39 | 22.41 0.92 -11.79 | 22.69 1.52 -6.05 | 26.20 2.06 -3.79 | 22.87 1.91 -0.01 | 21.99 1.83 0.00 | 21.77 1.81 -0.38 |
| CALPINE BETH_PAGE_GT4 24209 | 24.73 2.00 -0.10 | 20.79 1.73 0.00 | 18.92 1.56 0.00 | 19.72 1.60 0.00 | 21.86 1.69 -0.01 | 24.92 2.11 0.00 | 28.61 2.39 -0.01 | 30.21 2.45 -2.10 | 28.05 1.45 -11.05 | 32.62 1.29 -16.57 | 23.00 2.09 -0.61 | 22.84 2.13 -0.02 | 22.59 2.07 -0.02 | 21.21 1.80 -1.67 | 20.69 1.68 -2.83 | 62.36 1.92 -44.03 | 22.28 1.29 -7.60 | 20.20 1.36 -3.39 | 22.54 0.97 -11.86 | 22.80 1.57 -6.10 | 26.49 2.11 -4.02 | 23.02 2.00 -0.09 | 22.02 1.86 -0.01 | 21.88 1.92 -0.38 |
| CALPINE_BETH_PAGE_GT_4 323586 | 24.63 2.00 0.00 | 20.79 1.73 0.00 | 18.91 1.55 0.00 | 19.72 1.60 0.00 | 21.85 1.68 0.00 | 24.91 2.10 0.00 | 28.59 2.37 -0.01 | 30.22 2.46 -2.10 | 28.05 1.45 -11.05 | 32.52 1.28 -16.47 | 22.78 2.08 -0.41 | 22.82 2.13 0.00 | 22.57 2.07 0.00 | 21.17 1.80 -1.63 | 20.69 1.68 -2.83 | 62.21 1.91 -43.88 | 22.17 1.28 -7.49 | 20.20 1.36 -3.39 | 22.46 0.97 -11.79 | 22.74 1.57 -6.05 | 26.26 2.12 -3.79 | 22.95 1.99 -0.01 | 22.02 1.86 0.00 | 21.88 1.92 -0.38 |
| CALPINE_BP_GT1 23823 | 24.63 2.00 0.00 | 20.79 1.73 0.00 | 18.91 1.55 0.00 | 19.72 1.60 0.00 | 21.85 1.68 0.00 | 24.91 2.10 0.00 | 28.59 2.37 -0.01 | 30.22 2.46 -2.10 | 28.05 1.45 -11.05 | 32.52 1.28 -16.47 | 22.78 2.08 -0.41 | 22.82 2.13 0.00 | 22.57 2.07 0.00 | 21.17 1.80 -1.63 | 20.69 1.68 -2.83 | 62.21 1.91 -43.88 | 22.17 1.28 -7.49 | 20.20 1.36 -3.39 | 22.46 0.97 -11.79 | 22.74 1.57 -6.05 | 26.26 2.12 -3.79 | 22.95 1.99 -0.01 | 22.02 1.86 0.00 | 21.88 1.92 -0.38 |
| CALSPAN__DRP 24200 | 23.16 0.17 -0.36 | 19.28 0.22 0.00 | 17.60 0.24 -0.01 | 18.48 0.36 -0.01 | 20.65 0.46 -0.02 | 23.27 0.46 0.00 | 26.31 0.13 0.03 | 26.32 0.36 -0.30 | 17.87 0.31 -2.02 | 13.94 0.03 0.85 | 11.65 -0.05 8.60 | 20.67 -0.09 -0.07 | 20.31 -0.25 -0.07 | 16.70 -0.28 0.77 | 16.16 -0.49 -0.47 | 9.60 -0.28 6.54 | 9.24 -0.29 3.86 | 15.70 -0.37 -0.62 | 8.11 -0.22 1.37 | 13.24 -0.22 1.67 | 9.69 -0.29 10.37 | 17.07 -0.41 3.46 | 19.56 -0.34 0.26 | 19.77 0.12 -0.07 |
| CALVERTON__SOLAR 323806 | 24.67 2.04 0.00 | 20.85 1.79 0.00 | 18.98 1.62 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 24.96 2.15 0.00 | 28.45 2.23 -0.01 | 30.04 2.29 -2.10 | 27.89 1.29 -11.05 | 32.27 1.05 -16.47 | 22.48 1.78 -0.41 | 22.50 1.81 0.00 | 22.20 1.71 0.00 | 20.80 1.42 -1.63 | 20.37 1.36 -2.83 | 62.01 1.72 -43.88 | 22.11 1.22 -7.49 | 20.05 1.21 -3.39 | 22.41 0.91 -11.79 | 22.69 1.52 -6.05 | 26.20 2.06 -3.79 | 22.87 1.91 -0.01 | 21.98 1.82 0.00 | 21.75 1.79 -0.38 |
| CANDIGU_WT_PWR 323617 | 22.60 -0.03 0.00 | 19.03 -0.03 0.00 | 17.49 0.14 0.00 | 18.50 0.38 0.00 | 20.47 0.30 0.00 | 23.05 0.24 0.00 | 25.81 -0.01 0.38 | 25.47 0.29 0.48 | 18.39 0.28 -2.56 | -0.52 0.01 15.28 | -22.28 -0.01 42.57 | 20.72 0.04 0.00 | 20.44 -0.06 0.00 | 12.88 -0.03 4.83 | 16.72 -0.13 -0.67 | -18.86 -0.19 35.09 | -10.27 -0.03 23.63 | 16.41 0.07 -0.88 | -4.66 0.05 14.42 | 1.76 0.18 13.55 | -33.03 0.15 53.54 | 4.39 0.08 16.63 | 19.21 0.08 1.02 | 20.24 0.38 -0.28 |
| CARR STREET_E_SYR 24060 | 23.29 0.04 -0.62 | 19.09 0.04 0.00 | 17.38 0.03 0.00 | 18.18 0.06 0.00 | 20.25 0.08 0.00 | 22.91 0.10 0.00 | 26.28 0.08 0.00 | 25.94 0.08 -0.20 | 16.67 0.06 -1.08 | 16.38 0.02 -1.60 | 20.36 0.02 -0.04 | 20.69 0.00 0.00 | 20.47 -0.03 0.00 | 17.85 -0.03 -0.13 | 16.38 -0.06 -0.26 | 16.78 -0.06 -0.42 | 14.08 -0.04 -0.73 | 15.75 -0.03 -0.33 | 10.85 -0.01 -1.15 | 15.74 0.03 -0.58 | 20.75 0.03 -0.37 | 20.92 -0.02 0.00 | 20.10 -0.06 0.00 | 19.62 0.00 -0.04 |
| CARTHAGE__PAPER 23857 | 30.86 -0.13 -8.35 | 18.60 -0.45 0.00 | 16.67 -0.93 -0.25 | 17.24 -1.01 -0.13 | 19.77 -0.93 -0.53 | 21.87 -0.94 0.00 | 25.21 -1.00 0.00 | 24.73 -1.04 -0.11 | 15.49 -0.63 -0.57 | 16.19 -0.64 -2.08 | 21.08 -0.78 -1.56 | 21.32 -0.92 -1.56 | 21.04 -1.01 -1.56 | 18.09 -0.91 -1.26 | 15.73 -0.59 -0.14 | 16.01 -0.64 -0.23 | 13.45 -0.33 -0.39 | 15.46 -0.17 -0.18 | 10.25 -0.07 -0.61 | 15.40 -0.03 -0.31 | 20.63 0.08 -0.20 | 20.92 -0.02 0.00 | 19.90 -0.26 0.00 | 19.08 -0.52 -0.02 |

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|--------------------------------|--------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| CASSADAGA_WT_PWR 323784 | 23.02 0.38 0.00 | 19.40 0.34 0.00 | 17.80 0.45 0.00 | 18.73 0.61 0.00 | 21.19 1.02 0.00 | 23.89 1.08 0.00 | 27.10 0.95 0.05 | 27.04 1.12 -0.26 | 18.28 0.63 -2.11 | 15.49 0.35 -0.37 | 14.54 0.36 6.12 | 21.20 0.52 0.00 | 20.82 0.33 0.00 | 17.32 0.15 0.57 | 16.06 -0.17 -0.05 | 12.11 0.21 4.52 | 11.08 0.12 2.43 | 16.18 0.17 -0.55 | 9.39 0.06 0.37 | 14.17 0.38 1.33 | 13.33 0.36 7.39 | 18.30 0.14 2.78 | 19.87 0.11 0.40 | 20.05 0.56 0.09 |
| CE_DUNWOOD___DRP 24194 | 24.35 1.62 -0.10 | 20.47 1.41 0.00 | 18.64 1.28 0.00 | 19.45 1.33 0.00 | 21.58 1.40 -0.01 | 24.48 1.67 0.00 | 28.24 2.02 -0.01 | 29.92 2.17 -2.09 | 27.92 1.35 -11.03 | 32.61 1.32 -16.54 | 22.83 1.92 -0.61 | 22.61 1.91 -0.02 | 22.46 1.94 -0.02 | 21.17 1.76 -1.67 | 20.57 1.57 -2.82 | 22.56 1.58 -4.56 | 22.20 1.22 -7.59 | 20.23 1.39 -3.38 | 22.44 0.89 -11.84 | 22.63 1.42 -6.09 | 26.28 1.91 -4.02 | 22.85 1.83 -0.09 | 21.85 1.69 -0.01 | 21.56 1.60 -0.38 |
| CE_MILLWOOD___DRP 24193 | 24.31 1.58 -0.10 | 20.43 1.38 0.00 | 18.60 1.24 0.00 | 19.42 1.30 0.00 | 21.55 1.36 -0.01 | 24.44 1.63 0.00 | 28.19 1.97 -0.01 | 29.87 2.12 -2.09 | 27.87 1.32 -11.01 | 32.55 1.28 -16.51 | 22.78 1.87 -0.61 | 22.57 1.86 -0.02 | 22.40 1.89 -0.02 | 21.12 1.72 -1.66 | 20.52 1.53 -2.81 | 22.51 1.54 -4.55 | 22.15 1.19 -7.57 | 20.18 1.35 -3.38 | 22.40 0.87 -11.82 | 22.59 1.38 -6.08 | 26.23 1.87 -4.01 | 22.81 1.79 -0.09 | 21.80 1.64 -0.01 | 21.52 1.57 -0.38 |
| CE_NYC2_DRP 24202 | 24.52 1.78 -0.10 | 20.62 1.56 0.00 | 18.78 1.42 0.00 | 19.60 1.48 0.00 | 21.74 1.56 -0.01 | 24.63 1.82 0.00 | 28.41 2.19 -0.01 | 30.11 2.36 -2.10 | 28.08 1.49 -11.05 | 32.77 1.45 -16.57 | 23.00 2.10 -0.61 | 22.81 2.10 -0.02 | 22.65 2.13 -0.02 | 21.35 1.93 -1.67 | 20.73 1.73 -2.82 | 22.71 1.72 -4.57 | 22.32 1.33 -7.60 | 20.36 1.51 -3.39 | 22.53 0.96 -11.86 | 22.75 1.52 -6.10 | 26.44 2.06 -4.02 | 22.99 1.96 -0.09 | 21.99 1.82 -0.01 | 21.71 1.75 -0.38 |
| CE_NYC_DRP 24195 | 24.49 1.75 -0.10 | 20.59 1.53 0.00 | 18.76 1.40 0.00 | 19.58 1.46 0.00 | 21.72 1.54 -0.01 | 24.63 1.82 0.00 | 28.40 2.18 -0.01 | 30.09 2.34 -2.10 | 28.08 1.49 -11.05 | 32.77 1.44 -16.57 | 23.01 2.10 -0.61 | 22.82 2.11 -0.02 | 22.65 2.13 -0.02 | 21.35 1.93 -1.67 | 20.73 1.72 -2.82 | 22.71 1.72 -4.57 | 22.31 1.32 -7.60 | 20.35 1.51 -3.39 | 22.53 0.96 -11.86 | 22.75 1.52 -6.10 | 26.42 2.05 -4.02 | 22.99 1.96 -0.09 | 21.99 1.83 -0.01 | 21.69 1.73 -0.38 |
| CHAFFEE___LFGE 323603 | 22.90 0.27 0.00 | 19.34 0.28 0.00 | 17.67 0.31 0.00 | 18.55 0.43 0.00 | 20.68 0.51 0.00 | 23.35 0.54 0.00 | 26.48 0.33 0.05 | 26.60 0.68 -0.27 | 18.13 0.49 -2.10 | 15.02 0.19 -0.07 | 13.82 0.27 6.76 | 20.85 0.16 0.00 | 20.55 0.05 0.00 | 17.08 -0.01 0.65 | 16.30 -0.28 -0.39 | 11.28 -0.06 5.07 | 10.50 -0.07 2.83 | 15.82 -0.17 -0.55 | 8.98 -0.08 0.65 | 13.52 -0.03 1.58 | 12.12 0.00 8.22 | 17.80 -0.10 3.05 | 19.66 -0.07 0.42 | 19.82 0.34 0.10 |
| CHATEAUG_35_KV_LOAD 355732 | -16.92 -1.24 38.31 | 18.04 -1.02 0.00 | 9.91 -0.99 6.46 | 13.65 -1.07 3.40 | 5.19 -0.92 14.06 | 22.68 -0.13 0.00 | 26.16 -0.05 0.00 | 25.43 -0.24 -0.02 | 14.96 -0.66 -0.08 | -20.07 -0.72 34.10 | -23.91 -0.99 43.21 | -23.89 -0.96 43.62 | -24.07 -0.91 43.65 | -16.68 -0.84 33.59 | 15.84 -0.36 -0.02 | 16.08 -0.37 -0.03 | 13.17 -0.28 -0.05 | 15.32 -0.16 -0.02 | 9.73 -0.06 -0.08 | 15.08 -0.09 -0.04 | 20.39 0.01 -0.03 | 20.84 -0.10 0.00 | 20.00 -0.16 0.00 | 19.50 -0.08 0.00 |
| CHATEAUG_WT_PWR 323614 | -14.26 -1.36 35.54 | 17.97 -1.09 0.00 | 10.19 -1.08 6.09 | 13.82 -1.13 3.17 | 6.07 -1.00 13.10 | 22.67 -0.14 0.00 | 26.16 -0.05 0.00 | 25.56 -0.10 0.00 | 14.91 -0.63 0.00 | -18.08 -0.77 32.07 | -21.26 -1.07 40.49 | -21.26 -1.04 40.91 | -21.40 -1.00 40.89 | -14.59 -0.86 31.48 | 15.82 -0.36 0.00 | 16.07 -0.35 0.00 | 13.13 -0.26 0.00 | 15.32 -0.14 0.00 | 9.65 -0.05 0.00 | 15.07 -0.05 0.00 | 20.40 0.05 0.00 | 20.88 -0.06 0.00 | 20.03 -0.13 0.00 | 19.57 -0.01 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | -16.64 -1.25 38.02 | 18.04 -1.02 0.00 | 9.83 -1.00 6.53 | 13.65 -1.07 3.40 | 5.19 -0.92 14.06 | 22.68 -0.13 0.00 | 26.16 -0.05 0.00 | 25.43 -0.23 0.00 | 14.89 -0.66 0.00 | -20.19 -0.73 34.22 | -23.92 -1.01 43.22 | -23.94 -0.96 43.67 | -24.07 -0.92 43.65 | -16.69 -0.84 33.60 | 15.82 -0.36 0.00 | 16.04 -0.37 0.00 | 13.11 -0.28 0.00 | 15.30 -0.15 0.00 | 9.64 -0.07 0.00 | 15.04 -0.09 0.00 | 20.36 0.00 0.00 | 20.83 -0.10 0.00 | 20.00 -0.16 0.00 | 19.50 -0.08 0.00 |
| CHAUTAUQUA___LFGE 323629 | 23.01 0.38 0.00 | 19.39 0.34 0.00 | 17.76 0.41 0.00 | 18.65 0.53 0.00 | 20.99 0.82 0.00 | 23.72 0.91 0.00 | 26.88 0.73 0.06 | 26.78 0.90 -0.22 | 18.18 0.57 -2.06 | 14.69 0.30 0.37 | 13.02 0.34 7.62 | 21.06 0.37 0.00 | 20.69 0.20 0.00 | 17.05 0.06 0.75 | 16.24 -0.23 -0.28 | 10.68 0.05 5.79 | 10.04 -0.01 3.34 | 15.99 -0.01 -0.55 | 8.68 -0.01 1.02 | 13.47 0.20 1.86 | 11.27 0.19 9.28 | 17.59 -0.01 3.34 | 19.74 0.00 0.42 | 19.94 0.45 0.08 |
| CHERRYST_13_KV_LD 356241 | 24.55 1.81 -0.10 | 20.64 1.58 0.00 | 18.80 1.45 0.00 | 19.63 1.51 0.00 | 21.77 1.59 -0.01 | 24.69 1.88 0.00 | 28.48 2.26 -0.01 | 30.17 2.42 -2.10 | 28.13 1.54 -11.05 | 32.82 1.50 -16.57 | 23.08 2.17 -0.61 | 22.88 2.18 -0.02 | 22.73 2.21 -0.02 | 21.41 1.99 -1.67 | 20.78 1.78 -2.82 | 22.77 1.78 -4.57 | 22.36 1.37 -7.60 | 20.40 1.56 -3.39 | 22.56 0.99 -11.86 | 22.79 1.56 -6.10 | 26.48 2.11 -4.02 | 23.05 2.02 -0.09 | 22.04 1.88 -0.01 | 21.74 1.78 -0.38 |
| CHESTROR_138KV_BK263 355645 | 24.13 1.40 -0.10 | 20.28 1.22 0.00 | 18.45 1.10 0.00 | 19.27 1.15 0.00 | 21.39 1.21 -0.01 | 24.29 1.48 0.00 | 27.99 1.78 -0.01 | 29.56 1.89 -2.02 | 27.28 1.15 -10.58 | 31.75 1.12 -15.87 | 22.54 1.64 -0.60 | 22.33 1.62 -0.02 | 22.16 1.65 -0.02 | 20.84 1.51 -1.59 | 20.22 1.34 -2.70 | 22.15 1.35 -4.39 | 21.72 1.04 -7.29 | 19.90 1.20 -3.24 | 21.84 0.78 -11.36 | 22.21 1.24 -5.85 | 25.90 1.67 -3.88 | 22.64 1.61 -0.09 | 21.64 1.48 -0.01 | 21.36 1.41 -0.37 |
| CH_MIDHUDSON___DRP 24192 | 24.25 1.52 -0.10 | 20.39 1.34 0.00 | 18.57 1.21 0.00 | 19.37 1.25 0.00 | 21.50 1.32 -0.01 | 24.40 1.58 0.00 | 28.15 1.93 -0.01 | 29.87 2.10 -2.12 | 28.01 1.29 -11.17 | 32.75 1.24 -16.75 | 22.72 1.81 -0.61 | 22.51 1.80 -0.02 | 22.34 1.82 -0.02 | 21.09 1.66 -1.68 | 20.52 1.48 -2.86 | 22.52 1.49 -4.62 | 22.23 1.16 -7.69 | 20.22 1.34 -3.43 | 22.56 0.86 -11.99 | 22.67 1.37 -6.17 | 26.26 1.85 -4.06 | 22.80 1.77 -0.09 | 21.78 1.62 -0.01 | 21.49 1.52 -0.39 |
| CH_MISC_IPPS 23765 | 24.29 1.66 0.00 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.43 0.00 | 24.53 1.72 0.00 | 28.30 2.09 -0.01 | 30.04 2.28 -2.10 | 28.00 1.39 -11.07 | 32.57 1.31 -16.50 | 22.62 1.91 -0.41 | 22.61 1.92 0.00 | 22.43 1.94 0.00 | 21.13 1.75 -1.63 | 20.58 1.57 -2.83 | 22.43 1.59 -4.43 | 22.13 1.23 -7.51 | 20.29 1.44 -3.39 | 22.45 0.93 -11.81 | 22.66 1.48 -6.06 | 26.14 1.99 -3.79 | 22.87 1.91 -0.01 | 21.90 1.74 0.00 | 21.61 1.65 -0.39 |
| CH_RES_BVR_FALLS 23983 | 18.62 -0.41 3.61 | 18.58 -0.48 0.00 | 16.66 -0.69 0.00 | -24.90 -0.90 42.11 | 14.60 -0.80 4.77 | 21.93 -0.89 0.00 | 25.20 -1.01 0.00 | 24.67 -0.99 0.00 | 14.91 -0.63 0.00 | 14.20 -0.56 0.00 | 19.61 -0.69 0.00 | 20.05 -0.64 0.00 | 19.96 -0.54 0.00 | 17.32 -0.42 0.00 | 15.84 -0.34 0.00 | 16.14 -0.27 0.00 | 13.23 -0.16 0.00 | 15.23 -0.22 0.00 | 9.56 -0.14 0.00 | 14.89 -0.24 0.00 | 20.00 -0.35 0.00 | 20.53 -0.41 0.00 | 19.76 -0.40 0.00 | 19.13 -0.45 0.00 |

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| CH_RES_NIAGARA 23895 | 22.08 -0.55 0.00 | 18.69 -0.37 0.00 | 17.05 -0.30 0.00 | 17.87 -0.25 0.00 | 19.95 -0.22 0.00 | 22.53 -0.28 0.00 | 25.35 -0.80 0.06 | 25.07 -0.79 -0.21 | 17.10 -0.34 -1.90 | 14.11 -0.45 0.20 | 13.00 -0.62 6.68 | 19.67 -1.02 0.00 | 19.31 -1.18 0.00 | 16.04 -1.05 0.65 | 15.34 -1.21 -0.36 | 10.50 -0.86 5.06 | 9.78 -0.73 2.88 | 14.92 -1.04 -0.51 | 8.32 -0.58 0.81 | 12.67 -0.85 1.60 | 11.19 -1.02 8.15 | 16.76 -1.24 2.94 | 18.61 -1.17 0.37 | 18.85 -0.66 0.07 |
| CH_RES_SYRACUSE 23985 | 23.29 0.10 -0.55 | 19.13 0.07 0.00 | 17.42 0.07 0.00 | 18.24 0.12 0.00 | 20.31 0.14 0.00 | 22.99 0.18 0.00 | 26.39 0.19 0.00 | 26.06 0.18 -0.23 | 16.86 0.12 -1.20 | 16.62 0.08 -1.78 | 20.45 0.10 -0.04 | 20.76 0.07 0.00 | 20.53 0.03 0.00 | 17.93 0.04 -0.15 | 16.47 0.00 -0.29 | 16.89 0.00 -0.47 | 14.21 0.01 -0.81 | 15.85 0.03 -0.37 | 11.02 0.04 -1.28 | 15.87 0.10 -0.64 | 20.90 0.13 -0.41 | 21.03 0.08 0.00 | 20.20 0.04 0.00 | 19.71 0.08 -0.05 |
| CLINTON_WT_PWR 323605 | -14.26 -1.36 35.54 | 17.97 -1.09 0.00 | 10.19 -1.08 6.09 | 13.82 -1.13 3.17 | 6.07 -1.00 13.10 | 22.67 -0.14 0.00 | 26.16 -0.05 0.00 | 25.56 -0.10 0.00 | 14.91 -0.63 0.00 | -18.08 -0.77 32.07 | -21.26 -1.07 40.49 | -21.26 -1.04 40.91 | -21.40 -1.00 40.89 | -14.59 -0.86 31.48 | 15.82 -0.36 0.00 | 16.07 -0.35 0.00 | 13.13 -0.26 0.00 | 15.32 -0.14 0.00 | 9.65 -0.05 0.00 | 15.07 -0.05 0.00 | 20.40 0.05 0.00 | 20.88 -0.06 0.00 | 20.03 -0.13 0.00 | 19.57 -0.01 0.00 |
| CLINTON___LFGE 323618 | -14.63 -1.07 36.19 | 18.18 -0.88 0.00 | 10.23 -0.93 6.20 | 13.88 -1.01 3.23 | 5.94 -0.88 13.35 | 22.80 -0.01 0.00 | 26.38 0.17 0.00 | 26.17 0.51 0.00 | 15.23 -0.32 0.00 | -18.60 -0.57 32.79 | -21.90 -0.79 41.41 | -21.92 -0.77 41.84 | -22.02 -0.69 41.82 | -15.13 -0.68 32.19 | 15.99 -0.19 0.00 | 16.26 -0.15 0.00 | 13.30 -0.10 0.00 | 15.53 0.08 0.00 | 9.81 0.10 0.00 | 15.36 0.24 0.00 | 20.78 0.43 0.00 | 21.28 0.34 0.00 | 20.40 0.24 0.00 | 19.97 0.39 0.00 |
| COBBLENY_34_KV_TB1 80064 | 23.24 0.25 -0.36 | 19.34 0.28 0.00 | 17.67 0.30 -0.01 | 18.55 0.42 -0.01 | 20.70 0.51 -0.02 | 23.33 0.52 0.00 | 26.46 0.27 0.02 | 26.72 0.71 -0.35 | 18.13 0.48 -2.10 | 15.03 0.15 -0.12 | 13.78 0.17 6.69 | 20.89 0.13 -0.07 | 20.58 0.02 -0.07 | 17.19 -0.03 0.52 | 16.39 -0.30 -0.51 | 11.44 -0.08 4.89 | 10.62 -0.11 2.66 | 15.92 -0.18 -0.64 | 9.10 -0.09 0.51 | 14.09 -0.04 1.00 | 12.41 -0.04 7.91 | 18.12 -0.11 2.70 | 19.89 -0.07 0.20 | 19.99 0.33 -0.08 |
| COFFEEN___115KV_TB3 355620 | 29.36 -0.17 -6.90 | 18.54 -0.51 0.00 | 16.61 -0.95 -0.20 | 17.12 -1.10 -0.11 | 19.61 -1.00 -0.44 | 21.88 -0.93 0.00 | 25.24 -0.97 0.00 | 24.80 -0.98 -0.12 | 15.60 -0.59 -0.64 | 16.13 -0.62 -1.99 | 20.88 -0.76 -1.34 | 21.05 -0.93 -1.30 | 20.78 -1.01 -1.29 | 17.82 -0.99 -1.08 | 15.66 -0.68 -0.16 | 15.94 -0.76 -0.28 | 13.39 -0.46 -0.46 | 15.40 -0.25 -0.20 | 10.32 -0.09 -0.70 | 15.46 -0.03 -0.36 | 20.75 0.14 -0.26 | 20.99 0.03 -0.01 | 19.94 -0.22 0.00 | 19.09 -0.51 -0.03 |
| COLDSPRG_115KV_BK1 355956 | 24.11 1.12 -0.35 | 20.05 0.99 0.00 | 18.35 0.98 -0.01 | 19.31 1.18 -0.01 | 21.72 1.52 -0.02 | 24.44 1.63 0.00 | 27.77 1.58 0.01 | 27.93 1.89 -0.38 | 18.86 1.13 -2.19 | 17.20 0.84 -1.60 | 17.71 1.10 3.69 | 21.97 1.21 -0.07 | 21.57 1.01 -0.07 | 18.46 0.86 0.15 | 17.42 0.53 -0.71 | 14.91 0.82 2.33 | 13.19 0.61 0.81 | 16.74 0.61 -0.67 | 10.84 0.34 -0.80 | 15.95 0.78 -0.04 | 17.24 0.94 4.06 | 20.29 0.86 1.51 | 20.91 0.87 0.11 | 20.88 1.23 -0.08 |
| COLONIE_LFGE___ 323577 | 23.57 0.94 0.00 | 19.84 0.78 0.00 | 18.04 0.69 0.00 | 18.82 0.70 0.00 | 20.94 0.77 0.00 | 23.80 0.99 0.00 | 27.42 1.20 -0.01 | 29.41 1.26 -2.49 | 29.43 0.76 -13.13 | 35.12 0.79 -19.57 | 21.86 1.07 -0.48 | 21.71 1.02 0.00 | 21.51 1.02 0.00 | 20.09 0.91 -1.44 | 20.14 0.81 -3.15 | 22.40 0.83 -5.16 | 22.98 0.68 -8.90 | 20.21 0.75 -4.01 | 24.22 0.50 -14.01 | 22.93 0.78 -7.03 | 25.90 1.05 -4.50 | 22.06 1.11 -0.01 | 21.17 1.01 0.00 | 20.98 0.93 -0.47 |
| COOPERNY_115KV_TB1 80082 | 23.96 1.22 -0.12 | 20.12 1.06 0.00 | 18.32 0.96 0.00 | 19.14 1.02 0.00 | 21.24 1.06 -0.01 | 24.09 1.28 0.00 | 27.75 1.53 -0.01 | 29.08 1.63 -1.79 | 25.98 1.00 -9.43 | 29.90 0.97 -14.18 | 22.31 1.42 -0.59 | 22.11 1.40 -0.02 | 21.93 1.41 -0.02 | 20.42 1.29 -1.38 | 19.71 1.14 -2.39 | 21.51 1.15 -3.95 | 20.80 0.89 -6.53 | 19.37 1.03 -2.89 | 20.52 0.67 -10.15 | 21.42 1.08 -5.21 | 25.31 1.44 -3.51 | 22.43 1.39 -0.10 | 21.45 1.28 -0.01 | 21.13 1.22 -0.33 |
| COPENHAGEN_WT_PWR 323753 | 28.87 -0.32 -6.56 | 18.37 -0.68 0.00 | 16.33 -1.22 -0.19 | 16.85 -1.38 -0.10 | 19.26 -1.34 -0.42 | 21.51 -1.29 0.00 | 24.79 -1.42 0.00 | 24.36 -1.43 -0.13 | 15.35 -0.86 -0.66 | 15.85 -0.85 -1.95 | 20.48 -1.06 -1.24 | 20.71 -1.20 -1.22 | 20.47 -1.24 -1.22 | 17.65 -1.11 -1.01 | 15.63 -0.71 -0.16 | 15.92 -0.75 -0.26 | 13.40 -0.44 -0.45 | 15.35 -0.31 -0.20 | 10.28 -0.14 -0.71 | 15.34 -0.14 -0.35 | 20.52 -0.06 -0.23 | 20.79 -0.15 0.00 | 19.74 -0.41 0.00 | 18.87 -0.73 -0.03 |
| CORNELL_____ 23752 | 23.74 0.69 -0.42 | 19.63 0.57 0.00 | 17.90 0.54 -0.01 | 18.75 0.63 -0.01 | 20.91 0.70 -0.03 | 23.64 0.83 0.00 | 27.18 0.96 -0.01 | 27.21 1.04 -0.51 | 18.68 0.63 -2.51 | 20.16 0.49 -4.91 | 23.61 0.65 -2.66 | 21.40 0.63 -0.08 | 21.10 0.53 -0.08 | 18.89 0.47 -0.68 | 17.15 0.35 -0.62 | 19.85 0.33 -3.10 | 16.92 0.32 -3.21 | 16.64 0.42 -0.77 | 13.72 0.31 -3.70 | 17.94 0.62 -2.19 | 25.24 0.82 -4.06 | 22.69 0.75 -1.00 | 20.89 0.66 -0.07 | 20.35 0.68 -0.09 |
| CORONA_AV_69_KV_TB1 355595 | 24.76 2.03 -0.10 | 20.81 1.75 0.00 | 18.93 1.57 0.00 | 19.75 1.63 0.00 | 21.90 1.72 -0.01 | 24.89 2.08 0.00 | 28.60 2.38 -0.01 | 30.22 2.47 -2.10 | 28.06 1.47 -11.05 | 32.65 1.33 -16.57 | 23.07 2.17 -0.61 | 22.90 2.19 -0.02 | 22.65 2.14 -0.02 | 21.30 1.89 -1.67 | 20.75 1.75 -2.83 | 62.38 1.93 -44.03 | 22.35 1.35 -7.60 | 20.31 1.47 -3.39 | 22.60 1.03 -11.86 | 22.89 1.66 -6.10 | 26.61 2.24 -4.02 | 23.14 2.12 -0.09 | 22.10 1.94 -0.01 | 21.87 1.91 -0.38 |
| CORTLAND_115KV_TB3 80093 | 23.72 0.49 -0.59 | 19.47 0.41 0.00 | 17.74 0.36 -0.02 | 18.56 0.43 -0.01 | 20.70 0.49 -0.04 | 23.39 0.58 0.00 | 26.88 0.67 -0.01 | 26.81 0.74 -0.40 | 18.03 0.46 -2.02 | 18.63 0.38 -3.49 | 21.84 0.51 -1.03 | 21.31 0.50 -0.12 | 21.05 0.43 -0.12 | 18.57 0.38 -0.45 | 16.95 0.27 -0.50 | 18.21 0.28 -1.51 | 15.53 0.26 -1.88 | 16.41 0.34 -0.62 | 12.44 0.23 -2.51 | 16.97 0.47 -1.37 | 22.74 0.61 -1.78 | 21.83 0.55 -0.34 | 20.66 0.48 -0.03 | 20.15 0.50 -0.07 |
| COXSACKIE___GT 23611 | 23.93 1.30 0.00 | 20.11 1.05 0.00 | 18.33 0.98 0.00 | 19.10 0.98 0.00 | 21.26 1.09 0.00 | 24.32 1.50 0.00 | 28.08 1.86 -0.01 | 29.91 1.91 -2.34 | 29.01 1.13 -12.33 | 34.25 1.11 -18.39 | 21.94 1.19 -0.45 | 21.82 1.14 0.00 | 21.67 1.17 0.00 | 20.08 0.89 -1.45 | 19.99 0.81 -3.00 | 22.11 0.83 -4.86 | 22.69 0.93 -8.37 | 20.22 1.00 -3.77 | 23.59 0.73 -13.16 | 22.88 1.12 -6.63 | 26.15 1.58 -4.23 | 22.61 1.66 -0.01 | 21.62 1.46 0.00 | 21.33 1.32 -0.44 |
| CPV_VALLEY___CC1 323721 | 23.86 1.23 0.00 | 20.14 1.08 0.00 | 18.33 0.97 0.00 | 19.15 1.03 0.00 | 21.24 1.06 0.00 | 24.08 1.27 0.00 | 27.75 1.54 -0.01 | 29.27 1.68 -1.93 | 26.75 1.03 -10.18 | 30.93 1.00 -15.17 | 22.16 1.49 -0.37 | 22.16 1.47 0.00 | 21.99 1.49 0.00 | 20.58 1.36 -1.48 | 19.98 1.21 -2.59 | 21.70 1.22 -4.07 | 21.23 0.93 -6.90 | 19.65 1.08 -3.12 | 21.26 0.69 -10.86 | 21.80 1.11 -5.56 | 25.33 1.49 -3.49 | 22.39 1.44 -0.01 | 21.47 1.32 0.00 | 21.19 1.25 -0.36 |

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|--------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| CPV_VALLEY___CC2 323722 | 23.86 1.23 0.00 | 20.14 1.08 0.00 | 18.33 0.97 0.00 | 19.15 1.03 0.00 | 21.24 1.06 0.00 | 24.08 1.27 0.00 | 27.75 1.54 -0.01 | 29.27 1.68 -1.93 | 26.75 1.03 -10.18 | 30.93 1.00 -15.17 | 22.16 1.49 -0.37 | 22.16 1.47 0.00 | 21.99 1.49 0.00 | 20.58 1.36 -1.48 | 19.98 1.21 -2.59 | 21.70 1.22 -4.07 | 21.23 0.93 -6.90 | 19.65 1.08 -3.12 | 21.26 0.69 -10.86 | 21.80 1.11 -5.56 | 25.33 1.49 -3.49 | 22.39 1.44 -0.01 | 21.47 1.32 0.00 | 21.19 1.25 -0.36 |
| CRESCENT___HYD 24018 | 23.57 0.94 0.00 | 19.84 0.78 0.00 | 18.04 0.69 0.00 | 18.82 0.70 0.00 | 20.94 0.77 0.00 | 23.80 0.99 0.00 | 27.42 1.20 -0.01 | 29.41 1.26 -2.49 | 29.43 0.76 -13.13 | 35.12 0.79 -19.57 | 21.86 1.07 -0.48 | 21.71 1.02 0.00 | 21.51 1.02 0.00 | 20.09 0.91 -1.44 | 20.14 0.81 -3.15 | 22.40 0.83 -5.16 | 22.98 0.68 -8.90 | 20.21 0.75 -4.01 | 24.22 0.50 -14.01 | 22.93 0.78 -7.03 | 25.90 1.05 -4.50 | 22.06 1.11 -0.01 | 21.17 1.01 0.00 | 20.98 0.93 -0.47 |
| CRICKET___VALLEY_CC1 323756 | 23.81 1.18 0.00 | 20.13 1.07 0.00 | 18.32 0.97 0.00 | 19.12 1.00 0.00 | 21.20 1.03 0.00 | 24.05 1.24 0.00 | 27.75 1.53 -0.01 | 29.54 1.72 -2.16 | 28.00 1.06 -11.39 | 32.79 1.04 -16.99 | 22.22 1.50 -0.42 | 22.16 1.47 0.00 | 22.01 1.51 0.00 | 20.80 1.39 -1.66 | 20.32 1.23 -2.90 | 22.19 1.22 -4.55 | 22.07 0.95 -7.73 | 20.07 1.13 -3.49 | 22.58 0.72 -12.16 | 22.49 1.14 -6.23 | 25.79 1.53 -3.90 | 22.42 1.47 -0.01 | 21.50 1.34 0.00 | 21.23 1.26 -0.40 |
| CRICKET___VALLEY_CC2 323757 | 23.81 1.18 0.00 | 20.13 1.07 0.00 | 18.32 0.97 0.00 | 19.12 1.00 0.00 | 21.20 1.03 0.00 | 24.05 1.24 0.00 | 27.75 1.53 -0.01 | 29.54 1.72 -2.16 | 28.00 1.06 -11.39 | 32.79 1.04 -16.99 | 22.22 1.50 -0.42 | 22.16 1.47 0.00 | 22.01 1.51 0.00 | 20.80 1.39 -1.66 | 20.32 1.23 -2.90 | 22.19 1.22 -4.55 | 22.07 0.95 -7.73 | 20.07 1.13 -3.49 | 22.58 0.72 -12.16 | 22.49 1.14 -6.23 | 25.79 1.53 -3.90 | 22.42 1.47 -0.01 | 21.50 1.34 0.00 | 21.23 1.26 -0.40 |
| CRICKET___VALLEY_CC3 323758 | 23.81 1.18 0.00 | 20.13 1.07 0.00 | 18.32 0.97 0.00 | 19.12 1.00 0.00 | 21.20 1.03 0.00 | 24.05 1.24 0.00 | 27.75 1.53 -0.01 | 29.54 1.72 -2.16 | 28.00 1.06 -11.39 | 32.79 1.04 -16.99 | 22.22 1.50 -0.42 | 22.16 1.47 0.00 | 22.01 1.51 0.00 | 20.80 1.39 -1.66 | 20.32 1.23 -2.90 | 22.19 1.22 -4.55 | 22.07 0.95 -7.73 | 20.07 1.13 -3.49 | 22.58 0.72 -12.16 | 22.49 1.14 -6.23 | 25.79 1.53 -3.90 | 22.42 1.47 -0.01 | 21.50 1.34 0.00 | 21.23 1.26 -0.40 |
| CRUCIBLE_METL_DRP 24180 | 23.35 0.10 -0.62 | 19.13 0.07 0.00 | 17.44 0.07 -0.02 | 18.24 0.12 -0.01 | 20.35 0.14 -0.04 | 22.99 0.18 0.00 | 26.39 0.18 0.00 | 26.08 0.19 -0.23 | 16.86 0.12 -1.20 | 16.82 0.08 -1.98 | 20.79 0.10 -0.39 | 20.88 0.07 -0.12 | 20.64 0.03 -0.12 | 18.04 0.04 -0.26 | 16.47 0.00 -0.29 | 17.08 0.00 -0.67 | 14.35 0.00 -0.95 | 15.85 0.03 -0.37 | 11.11 0.04 -1.37 | 15.95 0.10 -0.72 | 21.19 0.13 -0.70 | 21.12 0.08 -0.09 | 20.21 0.04 -0.01 | 19.71 0.08 -0.05 |
| DAHOWA___HYDRO 323763 | 23.84 1.20 0.00 | 20.03 0.97 0.00 | 18.20 0.85 0.00 | 18.96 0.84 0.00 | 21.13 0.96 0.00 | 24.12 1.31 0.00 | 27.81 1.59 -0.01 | 29.85 1.66 -2.53 | 29.89 1.01 -13.35 | 35.67 1.02 -19.89 | 22.14 1.35 -0.49 | 21.99 1.30 0.00 | 21.77 1.27 0.00 | 20.29 1.08 -1.46 | 20.36 0.98 -3.20 | 22.67 1.01 -5.24 | 23.27 0.83 -9.05 | 20.54 1.01 -4.07 | 24.63 0.69 -14.24 | 23.32 1.05 -7.14 | 26.36 1.43 -4.57 | 22.38 1.42 -0.01 | 21.46 1.30 0.00 | 21.30 1.25 -0.47 |
| DANC___LFGE 323619 | 26.79 -0.34 -4.50 | 18.51 -0.54 0.00 | 16.64 -0.85 -0.13 | 17.25 -0.94 -0.07 | 19.53 -0.93 -0.29 | 21.91 -0.90 0.00 | 25.20 -1.01 0.00 | 24.79 -1.02 -0.15 | 15.71 -0.60 -0.76 | 15.95 -0.61 -1.80 | 20.39 -0.77 -0.86 | 20.64 -0.88 -0.84 | 20.41 -0.92 -0.84 | 17.67 -0.81 -0.74 | 15.78 -0.58 -0.19 | 16.11 -0.61 -0.30 | 13.53 -0.38 -0.52 | 15.38 -0.30 -0.23 | 10.37 -0.15 -0.82 | 15.37 -0.17 -0.41 | 20.46 -0.15 -0.26 | 20.70 -0.24 0.00 | 19.75 -0.40 0.00 | 19.04 -0.57 -0.03 |
| DANSKAMMER___1 23586 | 24.29 1.66 0.00 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.43 0.00 | 24.53 1.72 0.00 | 28.30 2.09 -0.01 | 30.04 2.28 -2.10 | 28.00 1.39 -11.07 | 32.57 1.31 -16.50 | 22.62 1.91 -0.41 | 22.61 1.92 0.00 | 22.43 1.94 0.00 | 21.13 1.75 -1.63 | 20.58 1.57 -2.83 | 22.43 1.59 -4.43 | 22.13 1.23 -7.51 | 20.29 1.44 -3.39 | 22.45 0.93 -11.81 | 22.66 1.48 -6.06 | 26.14 1.99 -3.79 | 22.87 1.91 -0.01 | 21.90 1.74 0.00 | 21.61 1.65 -0.39 |
| DANSKAMMER___2 23589 | 24.29 1.66 0.00 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.43 0.00 | 24.53 1.72 0.00 | 28.30 2.09 -0.01 | 30.04 2.28 -2.10 | 28.00 1.39 -11.07 | 32.57 1.31 -16.50 | 22.62 1.91 -0.41 | 22.61 1.92 0.00 | 22.43 1.94 0.00 | 21.13 1.75 -1.63 | 20.58 1.57 -2.83 | 22.43 1.59 -4.43 | 22.13 1.23 -7.51 | 20.29 1.44 -3.39 | 22.45 0.93 -11.81 | 22.66 1.48 -6.06 | 26.14 1.99 -3.79 | 22.87 1.91 -0.01 | 21.90 1.74 0.00 | 21.61 1.65 -0.39 |
| DANSKAMMER___3 23590 | 24.29 1.66 0.00 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.43 0.00 | 24.53 1.72 0.00 | 28.30 2.09 -0.01 | 30.04 2.28 -2.10 | 28.00 1.39 -11.07 | 32.57 1.31 -16.50 | 22.62 1.91 -0.41 | 22.61 1.92 0.00 | 22.43 1.94 0.00 | 21.13 1.75 -1.63 | 20.58 1.57 -2.83 | 22.43 1.59 -4.43 | 22.13 1.23 -7.51 | 20.29 1.44 -3.39 | 22.45 0.93 -11.81 | 22.66 1.48 -6.06 | 26.14 1.99 -3.79 | 22.87 1.91 -0.01 | 21.90 1.74 0.00 | 21.61 1.65 -0.39 |
| DANSKAMMER___4 23591 | 24.29 1.66 0.00 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.43 0.00 | 24.53 1.72 0.00 | 28.30 2.09 -0.01 | 30.04 2.28 -2.10 | 28.00 1.39 -11.07 | 32.57 1.31 -16.50 | 22.62 1.91 -0.41 | 22.61 1.92 0.00 | 22.43 1.94 0.00 | 21.13 1.75 -1.63 | 20.58 1.57 -2.83 | 22.43 1.59 -4.43 | 22.13 1.23 -7.51 | 20.29 1.44 -3.39 | 22.45 0.93 -11.81 | 22.66 1.48 -6.06 | 26.14 1.99 -3.79 | 22.87 1.91 -0.01 | 21.90 1.74 0.00 | 21.61 1.65 -0.39 |
| DANSKAMMER___DIESEL 23592 | 24.39 1.66 -0.10 | 20.50 1.44 0.00 | 18.65 1.30 0.00 | 19.48 1.36 0.00 | 21.61 1.44 -0.01 | 24.54 1.73 0.00 | 28.32 2.10 -0.01 | 30.02 2.27 -2.09 | 28.00 1.39 -11.07 | 32.67 1.31 -16.59 | 22.83 1.92 -0.61 | 22.63 1.92 -0.02 | 22.45 1.94 -0.02 | 21.17 1.76 -1.67 | 20.58 1.57 -2.83 | 22.58 1.59 -4.58 | 22.24 1.24 -7.61 | 20.29 1.44 -3.39 | 22.52 0.93 -11.88 | 22.72 1.48 -6.11 | 26.37 1.99 -4.03 | 22.94 1.92 -0.09 | 21.91 1.74 -0.01 | 21.61 1.65 -0.39 |
| DARBY___SOLAR 323810 | 23.90 1.18 -0.08 | 20.01 0.96 0.00 | 18.20 0.85 0.00 | 18.96 0.84 0.00 | 21.13 0.95 -0.01 | 24.09 1.28 0.00 | 27.77 1.55 -0.01 | 29.78 1.60 -2.52 | 29.83 0.98 -13.31 | 35.67 0.99 -19.93 | 22.27 1.32 -0.65 | 21.99 1.29 -0.02 | 21.77 1.26 -0.02 | 20.31 1.08 -1.49 | 20.35 0.97 -3.19 | 22.77 1.00 -5.36 | 23.33 0.82 -9.12 | 20.50 0.98 -4.06 | 24.63 0.66 -14.26 | 23.32 1.01 -7.18 | 26.48 1.38 -4.75 | 22.39 1.38 -0.07 | 21.43 1.26 0.00 | 21.25 1.20 -0.47 |
| DASHVILLE___HYD 23610 | 24.13 1.40 -0.10 | 20.30 1.24 0.00 | 18.48 1.13 0.00 | 19.30 1.18 0.00 | 21.40 1.22 -0.01 | 24.25 1.44 0.00 | 27.96 1.74 -0.01 | 29.70 1.91 -2.14 | 28.06 1.17 -11.34 | 32.87 1.11 -17.00 | 22.59 1.68 -0.61 | 22.40 1.70 -0.02 | 22.24 1.72 -0.02 | 20.97 1.61 -1.62 | 20.44 1.40 -2.86 | 22.50 1.42 -4.67 | 22.26 1.08 -7.80 | 20.19 1.26 -3.48 | 22.67 0.79 -12.17 | 22.63 1.27 -6.23 | 26.20 1.73 -4.11 | 22.66 1.63 -0.08 | 21.64 1.47 -0.01 | 21.35 1.38 -0.40 |

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| DEERFIELD_69_KV_DEERFIELD LD 355887 | 25.18 2.45 -0.10 | 21.19 2.13 0.00 | 19.32 1.97 0.00 | 20.13 2.01 0.00 | 22.32 2.14 -0.01 | 25.48 2.67 0.00 | 29.03 2.81 -0.01 | 30.57 2.81 -2.10 | 28.21 1.62 -11.05 | 32.65 1.33 -16.57 | 23.08 2.17 -0.61 | 22.90 2.19 -0.02 | 22.58 2.07 -0.02 | 21.15 1.73 -1.67 | 20.65 1.64 -2.83 | 62.46 2.02 -44.03 | 22.49 1.50 -7.60 | 20.36 1.52 -3.39 | 22.69 1.12 -11.86 | 23.09 1.86 -6.10 | 26.90 2.52 -4.02 | 23.38 2.36 -0.09 | 22.40 2.23 -0.01 | 22.15 2.19 -0.38 |
| DELAWARE___LFGE 323621 | 23.82 0.99 -0.19 | 19.92 0.86 0.00 | 18.15 0.79 -0.01 | 18.98 0.86 0.00 | 21.08 0.90 -0.01 | 23.89 1.08 0.00 | 27.51 1.30 -0.01 | 27.90 1.28 -0.96 | 20.97 0.80 -4.62 | 22.63 0.74 -7.13 | 22.03 1.04 -0.69 | 21.75 1.03 -0.04 | 21.53 1.00 -0.04 | 19.28 0.88 -0.66 | 18.08 0.76 -1.14 | 19.43 0.78 -2.23 | 17.43 0.62 -3.42 | 17.59 0.73 -1.41 | 15.30 0.47 -5.12 | 18.57 0.80 -2.64 | 23.63 1.07 -2.20 | 22.19 1.05 -0.19 | 21.15 0.98 -0.01 | 20.70 0.96 -0.17 |
| DERFIELD_115KV_TB7 355931 | 23.13 0.07 -0.42 | 19.11 0.05 0.00 | 17.40 0.03 -0.02 | 18.16 0.03 -0.01 | 20.24 0.02 -0.04 | 22.85 0.05 0.00 | 26.27 0.06 0.00 | 25.75 0.05 -0.04 | 15.80 0.06 -0.20 | 15.25 0.07 -0.43 | 20.58 0.10 -0.18 | 20.92 0.09 -0.14 | 20.72 0.08 -0.14 | 17.96 0.08 -0.14 | 16.29 0.06 -0.05 | 16.59 0.07 -0.10 | 13.60 0.06 -0.15 | 15.58 0.06 -0.06 | 9.98 0.04 -0.23 | 15.34 0.09 -0.12 | 20.58 0.12 -0.10 | 21.05 0.10 -0.01 | 20.24 0.08 0.00 | 19.66 0.07 -0.01 |
| DOGLEVILLE___HYD 23807 | 22.51 -0.13 0.00 | 18.85 -0.21 0.00 | 17.06 -0.30 0.00 | 17.77 -0.35 0.00 | 19.71 -0.46 0.00 | 22.46 -0.35 0.00 | 26.06 -0.15 0.00 | 25.72 0.02 -0.04 | 15.78 0.03 -0.20 | 15.25 0.19 -0.30 | 20.57 0.26 -0.01 | 20.83 0.14 0.00 | 20.48 -0.01 0.00 | 17.89 0.12 -0.02 | 16.25 0.02 -0.05 | 16.51 0.01 -0.08 | 13.56 0.04 -0.14 | 15.49 -0.02 -0.06 | 9.91 -0.01 -0.21 | 15.47 0.23 -0.11 | 20.76 0.33 -0.07 | 21.26 0.32 0.00 | 20.28 0.12 0.00 | 19.57 -0.01 -0.01 |
| DUNKIRK___115KV_TB_200 55889 | 23.36 0.37 -0.36 | 19.40 0.34 0.00 | 17.76 0.40 -0.01 | 18.66 0.53 -0.01 | 21.00 0.80 -0.02 | 23.68 0.87 0.00 | 26.82 0.65 0.03 | 26.89 0.91 -0.32 | 18.17 0.57 -2.06 | 14.63 0.26 0.38 | 12.84 0.24 7.69 | 21.08 0.32 -0.07 | 20.71 0.14 -0.07 | 17.12 0.03 0.65 | 16.33 -0.25 -0.40 | 10.69 0.02 5.75 | 10.05 -0.06 3.29 | 16.06 -0.03 -0.63 | 8.72 -0.03 0.96 | 13.95 0.16 1.34 | 11.30 0.14 9.20 | 17.80 -0.04 3.10 | 19.92 -0.01 0.23 | 20.09 0.44 -0.08 |
| DUNKIRK___1 23563 | 23.36 0.37 -0.36 | 19.40 0.34 0.00 | 17.76 0.40 -0.01 | 18.66 0.53 -0.01 | 21.00 0.80 -0.02 | 23.68 0.87 0.00 | 26.82 0.65 0.03 | 26.89 0.91 -0.32 | 18.17 0.57 -2.06 | 14.63 0.26 0.38 | 12.84 0.24 7.69 | 21.08 0.32 -0.07 | 20.71 0.14 -0.07 | 17.12 0.03 0.65 | 16.33 -0.25 -0.40 | 10.69 0.02 5.75 | 10.05 -0.06 3.29 | 16.06 -0.03 -0.63 | 8.72 -0.03 0.96 | 13.95 0.16 1.34 | 11.30 0.14 9.20 | 17.80 -0.04 3.10 | 19.92 -0.01 0.23 | 20.09 0.44 -0.08 |
| DUNKIRK___2 23564 | 23.36 0.37 -0.36 | 19.40 0.34 0.00 | 17.76 0.40 -0.01 | 18.66 0.53 -0.01 | 21.00 0.80 -0.02 | 23.68 0.87 0.00 | 26.82 0.65 0.03 | 26.89 0.91 -0.32 | 18.17 0.57 -2.06 | 14.63 0.26 0.38 | 12.84 0.24 7.69 | 21.08 0.32 -0.07 | 20.71 0.14 -0.07 | 17.12 0.03 0.65 | 16.33 -0.25 -0.40 | 10.69 0.02 5.75 | 10.05 -0.06 3.29 | 16.06 -0.03 -0.63 | 8.72 -0.03 0.96 | 13.95 0.16 1.34 | 11.30 0.14 9.20 | 17.80 -0.04 3.10 | 19.92 -0.01 0.23 | 20.09 0.44 -0.08 |
| DUNKIRK___3 23565 | 23.33 0.34 -0.36 | 19.38 0.33 0.00 | 17.74 0.37 -0.01 | 18.63 0.50 -0.01 | 20.93 0.73 -0.02 | 23.60 0.79 0.00 | 26.72 0.54 0.03 | 26.77 0.80 -0.31 | 18.11 0.52 -2.04 | 14.28 0.22 0.70 | 12.17 0.20 8.33 | 21.01 0.25 -0.07 | 20.65 0.08 -0.07 | 17.00 -0.01 0.73 | 16.32 -0.28 -0.42 | 10.11 -0.01 6.30 | 9.62 -0.08 3.68 | 16.00 -0.08 -0.62 | 8.41 -0.06 1.24 | 13.66 0.09 1.56 | 10.40 0.07 10.02 | 17.49 -0.09 3.36 | 19.86 -0.05 0.25 | 20.04 0.39 -0.08 |
| DUNKIRK___4 23566 | 23.33 0.34 -0.36 | 19.38 0.33 0.00 | 17.74 0.37 -0.01 | 18.63 0.50 -0.01 | 20.93 0.73 -0.02 | 23.60 0.79 0.00 | 26.72 0.54 0.03 | 26.77 0.80 -0.31 | 18.11 0.52 -2.04 | 14.28 0.22 0.70 | 12.17 0.20 8.33 | 21.01 0.25 -0.07 | 20.65 0.08 -0.07 | 17.00 -0.01 0.73 | 16.32 -0.28 -0.42 | 10.11 -0.01 6.30 | 9.62 -0.08 3.68 | 16.00 -0.08 -0.62 | 8.41 -0.06 1.24 | 13.66 0.09 1.56 | 10.40 0.07 10.02 | 17.49 -0.09 3.36 | 19.86 -0.05 0.25 | 20.04 0.39 -0.08 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 24.40 1.66 -0.10 | 20.50 1.45 0.00 | 18.66 1.30 0.00 | 19.47 1.35 0.00 | 21.60 1.42 -0.01 | 24.51 1.70 0.00 | 28.27 2.05 -0.01 | 29.97 2.21 -2.10 | 27.97 1.38 -11.05 | 32.66 1.34 -16.57 | 22.86 1.95 -0.61 | 22.65 1.95 -0.02 | 22.50 1.98 -0.02 | 21.21 1.79 -1.67 | 20.61 1.60 -2.82 | 22.60 1.62 -4.57 | 22.23 1.24 -7.60 | 20.26 1.41 -3.39 | 22.48 0.91 -11.86 | 22.67 1.44 -6.10 | 26.32 1.95 -4.02 | 22.89 1.86 -0.09 | 21.88 1.72 -0.01 | 21.60 1.64 -0.38 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 24.25 1.52 -0.10 | 20.38 1.33 0.00 | 18.55 1.19 0.00 | 19.37 1.25 0.00 | 21.49 1.31 -0.01 | 24.38 1.57 0.00 | 28.13 1.91 -0.01 | 29.77 2.06 -2.05 | 27.70 1.27 -10.88 | 32.29 1.21 -16.32 | 22.67 1.77 -0.61 | 22.47 1.76 -0.02 | 22.30 1.78 -0.02 | 21.01 1.63 -1.64 | 20.41 1.45 -2.78 | 22.39 1.47 -4.51 | 22.01 1.13 -7.49 | 20.11 1.31 -3.34 | 22.24 0.85 -11.69 | 22.49 1.35 -6.01 | 26.15 1.83 -3.97 | 22.78 1.75 -0.09 | 21.76 1.60 -0.01 | 21.47 1.52 -0.38 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 24.46 1.72 -0.10 | 20.57 1.51 0.00 | 18.73 1.37 0.00 | 19.56 1.44 0.00 | 21.70 1.52 -0.01 | 24.58 1.77 0.00 | 28.37 2.15 -0.01 | 30.05 2.30 -2.10 | 28.08 1.49 -11.05 | 32.76 1.43 -16.57 | 22.97 2.06 -0.61 | 22.78 2.07 -0.02 | 22.62 2.10 -0.02 | 21.31 1.90 -1.67 | 20.70 1.70 -2.82 | 22.68 1.69 -4.57 | 22.29 1.30 -7.60 | 20.32 1.47 -3.39 | 22.51 0.94 -11.86 | 22.73 1.50 -6.10 | 26.42 2.05 -4.02 | 22.97 1.94 -0.09 | 21.99 1.82 -0.01 | 21.74 1.78 -0.38 |
| E179THST_13_KV_LOAD 356214 | 24.55 1.81 -0.10 | 20.64 1.58 0.00 | 18.79 1.44 0.00 | 19.62 1.50 0.00 | 21.77 1.59 -0.01 | 24.67 1.86 0.00 | 28.48 2.26 -0.01 | 30.17 2.41 -2.10 | 28.16 1.56 -11.05 | 32.83 1.51 -16.57 | 23.06 2.16 -0.61 | 22.88 2.17 -0.02 | 22.71 2.20 -0.02 | 21.39 1.98 -1.67 | 20.78 1.77 -2.82 | 22.76 1.77 -4.57 | 22.35 1.35 -7.60 | 20.39 1.55 -3.39 | 22.56 0.99 -11.86 | 22.80 1.57 -6.10 | 26.52 2.14 -4.02 | 23.06 2.04 -0.09 | 22.08 1.91 -0.01 | 21.82 1.86 -0.38 |
| EAST HAMPTON___GT 23717 | 25.28 2.65 0.00 | 21.36 2.30 0.00 | 19.47 2.12 0.00 | 20.31 2.19 0.00 | 22.51 2.34 0.00 | 25.73 2.92 0.00 | 29.27 3.06 -0.01 | 30.84 3.09 -2.10 | 28.35 1.76 -11.05 | 32.69 1.46 -16.47 | 23.05 2.34 -0.41 | 23.07 2.39 0.00 | 22.74 2.24 0.00 | 21.25 1.88 -1.63 | 20.77 1.77 -2.83 | 62.44 2.15 -43.88 | 22.49 1.61 -7.49 | 20.52 1.68 -3.39 | 22.72 1.23 -11.79 | 23.21 2.04 -6.05 | 26.90 2.76 -3.79 | 23.54 2.59 -0.01 | 22.61 2.46 0.00 | 22.36 2.41 -0.38 |
| EAST RIVER___6 23660 | 24.42 1.78 0.00 | 20.64 1.58 0.00 | 18.80 1.45 0.00 | 19.62 1.50 0.00 | 21.75 1.57 0.00 | 24.66 1.85 0.00 | 28.43 2.21 -0.01 | 30.15 2.40 -2.10 | 28.12 1.53 -11.05 | 32.71 1.48 -16.47 | 22.85 2.15 -0.41 | 22.86 2.17 0.00 | 22.70 2.20 0.00 | 21.36 1.99 -1.63 | 20.78 1.78 -2.82 | 22.61 1.78 -4.42 | 22.24 1.36 -7.49 | 20.41 1.56 -3.39 | 22.49 0.99 -11.79 | 22.73 1.56 -6.05 | 26.23 2.10 -3.79 | 22.96 2.00 -0.01 | 22.03 1.87 0.00 | 21.73 1.77 -0.38 |

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|--|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| EAST RIVER___7 23524 | 24.42 1.78 0.00 | 20.64 1.58 0.00 | 18.80 1.45 0.00 | 19.62 1.50 0.00 | 21.75 1.57 0.00 | 24.66 1.85 0.00 | 28.43 2.21 -0.01 | 30.15 2.40 -2.10 | 28.12 1.53 -11.05 | 32.71 1.48 -16.47 | 22.85 2.15 -0.41 | 22.86 2.17 0.00 | 22.70 2.20 0.00 | 21.36 1.99 -1.63 | 20.78 1.78 -2.82 | 22.61 1.78 -4.42 | 22.24 1.36 -7.49 | 20.41 1.56 -3.39 | 22.49 0.99 -11.79 | 22.73 1.56 -6.05 | 26.23 2.10 -3.79 | 22.96 2.00 -0.01 | 22.03 1.87 0.00 | 21.73 1.77 -0.38 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 24.35 1.62 -0.10 | 20.47 1.41 0.00 | 18.64 1.28 0.00 | 19.45 1.33 0.00 | 21.58 1.40 -0.01 | 24.48 1.67 0.00 | 28.24 2.02 -0.01 | 29.92 2.17 -2.09 | 27.92 1.35 -11.03 | 32.61 1.32 -16.54 | 22.83 1.92 -0.61 | 22.61 1.91 -0.02 | 22.46 1.94 -0.02 | 21.17 1.76 -1.67 | 20.57 1.57 -2.82 | 22.56 1.58 -4.56 | 22.20 1.22 -7.59 | 20.23 1.39 -3.38 | 22.44 0.89 -11.84 | 22.63 1.42 -6.09 | 26.28 1.91 -4.02 | 22.85 1.83 -0.09 | 21.85 1.69 -0.01 | 21.56 1.60 -0.38 |
| EAST_HAMPTON___DIESEL 23722 | 25.28 2.65 0.00 | 21.37 2.31 0.00 | 19.48 2.13 0.00 | 20.31 2.19 0.00 | 22.52 2.35 0.00 | 25.73 2.92 0.00 | 29.28 3.07 -0.01 | 30.84 3.09 -2.10 | 28.36 1.77 -11.05 | 32.70 1.47 -16.47 | 23.06 2.35 -0.41 | 23.08 2.39 0.00 | 22.74 2.25 0.00 | 21.25 1.88 -1.63 | 20.78 1.77 -2.83 | 62.44 2.15 -43.88 | 22.50 1.61 -7.49 | 20.52 1.68 -3.39 | 22.72 1.23 -11.79 | 23.21 2.04 -6.05 | 26.90 2.76 -3.79 | 23.55 2.59 -0.01 | 22.62 2.46 0.00 | 22.37 2.41 -0.38 |
| EAST_PULASKI___ESR 323781 | 24.72 -0.29 -2.38 | 18.71 -0.35 0.00 | 16.97 -0.45 -0.06 | 17.68 -0.48 -0.04 | 19.84 -0.48 -0.16 | 22.33 -0.48 0.00 | 25.65 -0.56 0.00 | 25.26 -0.56 -0.16 | 16.08 -0.33 -0.86 | 16.06 -0.35 -1.65 | 20.35 -0.45 -0.50 | 20.62 -0.52 -0.45 | 20.39 -0.56 -0.45 | 17.71 -0.49 -0.46 | 15.97 -0.42 -0.21 | 16.34 -0.44 -0.36 | 13.70 -0.29 -0.60 | 15.46 -0.26 -0.26 | 10.50 -0.14 -0.93 | 15.43 -0.17 -0.47 | 20.48 -0.20 -0.32 | 20.69 -0.26 -0.01 | 19.81 -0.35 0.00 | 19.24 -0.37 -0.03 |
| EAST_RIVER___1 323558 | 24.38 1.75 0.00 | 20.59 1.53 0.00 | 18.75 1.40 0.00 | 19.58 1.46 0.00 | 21.71 1.54 0.00 | 24.62 1.81 0.00 | 28.38 2.16 -0.01 | 30.11 2.35 -2.10 | 28.08 1.49 -11.05 | 32.67 1.44 -16.47 | 22.79 2.08 -0.41 | 22.80 2.11 0.00 | 22.63 2.13 0.00 | 21.30 1.93 -1.63 | 20.72 1.72 -2.82 | 22.56 1.72 -4.42 | 22.20 1.32 -7.49 | 20.35 1.51 -3.39 | 22.46 0.96 -11.79 | 22.69 1.52 -6.05 | 26.18 2.05 -3.79 | 22.91 1.96 -0.01 | 21.98 1.83 0.00 | 21.69 1.73 -0.38 |
| EAST_RIVER___2 323559 | 24.42 1.78 0.00 | 20.64 1.58 0.00 | 18.80 1.45 0.00 | 19.62 1.50 0.00 | 21.75 1.57 0.00 | 24.66 1.85 0.00 | 28.43 2.21 -0.01 | 30.15 2.40 -2.10 | 28.12 1.53 -11.05 | 32.71 1.48 -16.47 | 22.85 2.15 -0.41 | 22.86 2.17 0.00 | 22.70 2.20 0.00 | 21.36 1.99 -1.63 | 20.78 1.78 -2.82 | 22.61 1.78 -4.42 | 22.24 1.36 -7.49 | 20.41 1.56 -3.39 | 22.49 0.99 -11.79 | 22.73 1.56 -6.05 | 26.23 2.10 -3.79 | 22.96 2.00 -0.01 | 22.03 1.87 0.00 | 21.73 1.77 -0.38 |
| EAST___DELAWARE_HYD 23607 | 24.49 1.85 0.00 | 20.68 1.63 0.00 | 18.81 1.46 0.00 | 19.67 1.55 0.00 | 21.82 1.65 0.00 | 24.63 1.82 0.00 | 28.43 2.21 -0.01 | 30.04 2.40 -1.98 | 27.42 1.44 -10.43 | 31.64 1.32 -15.55 | 22.61 1.92 -0.38 | 22.62 1.94 0.00 | 22.47 1.97 0.00 | 21.10 1.88 -1.48 | 20.42 1.59 -2.64 | 22.21 1.63 -4.16 | 21.71 1.24 -7.08 | 20.18 1.52 -3.20 | 21.83 0.99 -11.13 | 22.44 1.62 -5.69 | 26.15 2.22 -3.57 | 23.02 2.07 -0.01 | 22.03 1.88 0.00 | 21.71 1.77 -0.37 |
| EIGHT_POINT___WT_PWR 323820 | 22.46 -0.17 0.00 | 18.94 -0.12 0.00 | 17.52 0.16 0.00 | 18.55 0.43 0.00 | 20.35 0.17 0.00 | 22.88 0.07 0.00 | 26.16 -0.27 -0.22 | 26.89 0.23 -1.01 | 18.18 0.22 -2.41 | 29.00 -0.14 -14.38 | 44.17 -0.31 -24.17 | 20.41 -0.28 0.00 | 20.13 -0.36 0.00 | 20.78 -0.21 -3.25 | 16.43 -0.40 -0.65 | 37.51 -0.35 -21.45 | 29.37 -0.09 -16.07 | 16.23 0.04 -0.74 | 22.20 0.11 -12.39 | 25.22 0.15 -9.95 | 52.39 0.14 -31.90 | 30.70 0.12 -9.65 | 20.97 0.10 -0.71 | 20.14 0.47 -0.09 |
| ELBRIDGE_115KV_TB2 80188 | 23.30 0.11 -0.56 | 19.13 0.07 0.00 | 17.45 0.08 -0.02 | 18.25 0.12 -0.01 | 20.35 0.14 -0.04 | 22.98 0.18 0.00 | 26.37 0.16 0.00 | 26.10 0.19 -0.25 | 16.95 0.14 -1.27 | 16.96 0.09 -2.11 | 20.85 0.10 -0.46 | 20.87 0.07 -0.11 | 20.62 0.02 -0.11 | 18.05 0.04 -0.27 | 16.47 -0.02 -0.31 | 17.17 -0.01 -0.76 | 14.42 -0.02 -1.05 | 15.84 0.00 -0.39 | 11.21 0.02 -1.48 | 16.00 0.09 -0.79 | 21.30 0.12 -0.82 | 21.13 0.07 -0.12 | 20.21 0.04 -0.01 | 19.70 0.08 -0.05 |
| ELEC_TRO_TEK 24086 | 24.66 1.93 -0.10 | 20.71 1.65 0.00 | 18.86 1.51 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.85 2.04 0.00 | 28.54 2.32 -0.01 | 30.15 2.39 -2.10 | 28.03 1.43 -11.05 | 32.62 1.29 -16.57 | 23.00 2.09 -0.61 | 22.83 2.12 -0.02 | 22.59 2.07 -0.02 | 21.23 1.82 -1.67 | 20.69 1.68 -2.83 | 62.31 1.87 -44.03 | 22.31 1.31 -7.60 | 20.25 1.41 -3.39 | 22.55 0.98 -11.86 | 22.82 1.59 -6.10 | 26.51 2.14 -4.02 | 23.05 2.03 -0.09 | 22.03 1.87 -0.01 | 21.82 1.86 -0.38 |
| ELLENBURG_WT_PWR 323604 | -14.26 -1.36 35.54 | 17.97 -1.09 0.00 | 10.19 -1.08 6.09 | 13.82 -1.13 3.17 | 6.07 -1.00 13.10 | 22.67 -0.14 0.00 | 26.16 -0.05 0.00 | 25.56 -0.10 0.00 | 14.91 -0.63 0.00 | -18.08 -0.77 32.07 | -21.26 -1.07 40.49 | -21.26 -1.04 40.91 | -21.40 -1.00 40.89 | -14.59 -0.86 31.48 | 15.82 -0.36 0.00 | 16.07 -0.35 0.00 | 13.13 -0.26 0.00 | 15.32 -0.14 0.00 | 9.65 -0.05 0.00 | 15.07 -0.05 0.00 | 20.40 0.05 0.00 | 20.88 -0.06 0.00 | 20.03 -0.13 0.00 | 19.57 -0.01 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 23.01 0.02 -0.36 | 19.16 0.10 0.00 | 17.50 0.13 -0.01 | 18.37 0.24 -0.01 | 20.53 0.33 -0.02 | 23.13 0.32 0.00 | 26.13 -0.05 0.03 | 26.11 0.16 -0.30 | 17.73 0.20 -1.98 | 13.65 -0.07 1.04 | 11.23 -0.18 8.88 | 20.51 -0.25 -0.07 | 20.15 -0.41 -0.07 | 16.52 -0.42 0.81 | 16.02 -0.62 -0.45 | 9.25 -0.40 6.77 | 8.95 -0.39 4.06 | 15.56 -0.50 -0.61 | 7.89 -0.30 1.52 | 13.01 -0.35 1.77 | 9.22 -0.45 10.68 | 16.78 -0.60 3.57 | 19.38 -0.51 0.27 | 19.61 -0.04 -0.07 |
| EMPIRE_CC_1 323656 | 23.55 0.92 0.00 | 19.83 0.77 0.00 | 18.05 0.70 0.00 | 18.84 0.72 0.00 | 20.94 0.77 0.00 | 23.78 0.97 0.00 | 27.37 1.15 -0.01 | 29.25 1.22 -2.38 | 28.80 0.72 -12.53 | 34.21 0.77 -18.68 | 21.83 1.07 -0.46 | 21.70 1.02 0.00 | 21.51 1.02 0.00 | 20.04 0.91 -1.39 | 20.01 0.81 -3.01 | 22.17 0.83 -4.93 | 22.56 0.67 -8.50 | 20.01 0.73 -3.83 | 23.56 0.48 -13.37 | 22.58 0.75 -6.71 | 25.65 1.00 -4.30 | 22.02 1.07 -0.01 | 21.13 0.97 0.00 | 20.91 0.89 -0.44 |
| EMPIRE_CC_2 323658 | 23.55 0.92 0.00 | 19.83 0.77 0.00 | 18.05 0.70 0.00 | 18.84 0.72 0.00 | 20.94 0.77 0.00 | 23.78 0.97 0.00 | 27.37 1.15 -0.01 | 29.25 1.22 -2.38 | 28.80 0.72 -12.53 | 34.21 0.77 -18.68 | 21.83 1.07 -0.46 | 21.70 1.02 0.00 | 21.51 1.02 0.00 | 20.04 0.91 -1.39 | 20.01 0.81 -3.01 | 22.17 0.83 -4.93 | 22.56 0.67 -8.50 | 20.01 0.73 -3.83 | 23.56 0.48 -13.37 | 22.58 0.75 -6.71 | 25.65 1.00 -4.30 | 22.02 1.07 -0.01 | 21.13 0.97 0.00 | 20.91 0.89 -0.44 |
| ENORWICH_115KV_TB1 80156 | 24.34 1.39 -0.33 | 20.28 1.22 0.00 | 18.45 1.09 -0.01 | 19.32 1.19 0.00 | 21.67 1.48 -0.02 | 24.69 1.88 0.00 | 28.54 2.32 -0.01 | 28.77 2.43 -0.68 | 20.41 1.47 -3.39 | 21.64 1.22 -5.66 | 23.19 1.45 -1.44 | 22.30 1.55 -0.06 | 21.96 1.41 -0.06 | 19.42 1.06 -0.62 | 17.83 0.81 -0.84 | 19.60 0.78 -2.40 | 17.05 0.60 -3.05 | 17.40 0.91 -1.04 | 14.56 0.73 -4.13 | 18.82 1.46 -2.23 | 25.13 2.00 -2.78 | 23.19 1.74 -0.50 | 21.70 1.50 -0.04 | 21.17 1.46 -0.13 |

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| ERIE_ST__34_KV_TB1-2 80199 | 23.55 0.56 -0.36 | 19.60 0.54 0.00 | 17.89 0.52 -0.01 | 18.78 0.66 -0.01 | 21.00 0.80 -0.02 | 23.65 0.84 0.00 | 26.77 0.59 0.03 | 26.82 0.85 -0.32 | 18.19 0.61 -2.05 | 14.76 0.32 0.32 | 13.19 0.39 7.50 | 21.12 0.36 -0.07 | 20.75 0.19 -0.07 | 17.25 0.13 0.62 | 16.54 -0.12 -0.48 | 10.91 0.11 5.61 | 10.24 0.04 3.18 | 16.03 -0.05 -0.62 | 8.76 -0.04 0.90 | 13.86 0.08 1.34 | 11.48 0.10 8.97 | 17.96 0.05 3.03 | 20.03 0.09 0.23 | 20.15 0.50 -0.08 |
| ERIE_WT_PWR 323693 | 22.82 0.19 0.00 | 19.28 0.22 0.00 | 17.61 0.25 0.00 | 18.48 0.36 0.00 | 20.62 0.45 0.00 | 23.29 0.48 0.00 | 26.32 0.18 0.07 | 26.16 0.31 -0.19 | 17.88 0.31 -2.02 | 13.91 0.06 0.91 | 11.67 0.05 8.67 | 20.62 -0.07 0.00 | 20.27 -0.22 0.00 | 16.59 -0.27 0.88 | 16.08 -0.47 -0.37 | 9.45 -0.27 6.70 | 9.13 -0.27 3.99 | 15.61 -0.38 -0.54 | 8.01 -0.21 1.48 | 12.68 -0.21 2.24 | 9.46 -0.26 10.63 | 16.81 -0.39 3.74 | 19.39 -0.34 0.44 | 19.63 0.12 0.07 |
| ESPRGFLD_115KV_TB1 80157 | 24.23 1.47 -0.13 | 20.25 1.19 0.00 | 18.40 1.04 0.00 | 19.24 1.12 0.00 | 21.42 1.24 -0.01 | 24.34 1.53 0.00 | 27.99 1.78 0.00 | 27.30 1.71 0.07 | 16.04 1.02 0.52 | 15.02 0.90 0.63 | 21.75 1.16 -0.29 | 21.83 1.12 -0.03 | 21.65 1.13 -0.03 | 18.66 0.92 -0.01 | 16.87 0.81 0.12 | 17.35 0.90 -0.04 | 13.91 0.71 0.19 | 16.21 0.91 0.16 | 9.82 0.56 0.45 | 15.91 0.97 0.18 | 21.87 1.33 -0.19 | 22.30 1.25 -0.11 | 21.33 1.16 -0.01 | 20.75 1.20 0.02 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 23.72 0.67 -0.42 | 19.61 0.55 0.00 | 17.88 0.51 -0.01 | 18.72 0.60 -0.01 | 20.87 0.67 -0.03 | 23.62 0.80 0.00 | 27.14 0.92 -0.01 | 27.16 1.00 -0.51 | 18.64 0.60 -2.49 | 19.94 0.47 -4.71 | 23.16 0.62 -2.24 | 21.38 0.61 -0.08 | 21.08 0.50 -0.08 | 18.82 0.46 -0.63 | 17.14 0.34 -0.62 | 19.48 0.32 -2.74 | 16.64 0.30 -2.95 | 16.62 0.40 -0.76 | 13.51 0.29 -3.52 | 17.76 0.60 -2.04 | 24.67 0.79 -3.52 | 22.50 0.72 -0.83 | 20.85 0.63 -0.06 | 20.32 0.65 -0.09 |
| ETNA____115KV_TB2 80207 | 23.72 0.67 -0.42 | 19.61 0.55 0.00 | 17.88 0.51 -0.01 | 18.72 0.60 -0.01 | 20.87 0.67 -0.03 | 23.62 0.80 0.00 | 27.14 0.92 -0.01 | 27.16 1.00 -0.51 | 18.64 0.60 -2.49 | 19.94 0.47 -4.71 | 23.16 0.62 -2.24 | 21.38 0.61 -0.08 | 21.08 0.50 -0.08 | 18.82 0.46 -0.63 | 17.14 0.34 -0.62 | 19.48 0.32 -2.74 | 16.64 0.30 -2.95 | 16.62 0.40 -0.76 | 13.51 0.29 -3.52 | 17.76 0.60 -2.04 | 24.67 0.79 -3.52 | 22.50 0.72 -0.83 | 20.85 0.63 -0.06 | 20.32 0.65 -0.09 |
| EUCLID____115KV_TB2 356179 | 23.26 -0.08 -0.71 | 18.99 -0.07 0.00 | 17.30 -0.07 -0.02 | 18.09 -0.04 -0.01 | 20.18 -0.04 -0.05 | 22.76 -0.05 0.00 | 26.11 -0.10 0.00 | 25.75 -0.09 -0.19 | 16.50 -0.05 -1.00 | 16.30 -0.08 -1.62 | 20.39 -0.11 -0.21 | 20.68 -0.14 -0.13 | 20.47 -0.16 -0.13 | 17.83 -0.14 -0.23 | 16.26 -0.16 -0.25 | 16.69 -0.16 -0.43 | 13.97 -0.13 -0.70 | 15.64 -0.13 -0.31 | 10.72 -0.07 -1.09 | 15.61 -0.07 -0.55 | 20.64 -0.10 -0.39 | 20.81 -0.15 -0.02 | 19.98 -0.18 0.00 | 19.50 -0.12 -0.04 |
| E_CANADA_CAP_HY 24051 | 24.26 1.63 0.00 | 20.33 1.28 0.00 | 18.42 1.07 0.00 | 19.25 1.14 0.00 | 21.45 1.28 0.00 | 24.39 1.58 0.00 | 28.06 1.83 -0.02 | 30.38 1.73 -2.99 | 32.29 1.01 -15.74 | 39.22 0.99 -23.47 | 22.09 1.21 -0.58 | 21.81 1.12 0.00 | 21.66 1.17 0.00 | 20.42 0.93 -1.75 | 20.81 0.85 -3.79 | 23.57 0.97 -6.19 | 24.85 0.78 -10.68 | 21.28 1.02 -4.80 | 27.12 0.62 -16.80 | 24.59 1.03 -8.43 | 27.19 1.44 -5.39 | 22.31 1.35 -0.02 | 21.41 1.25 0.00 | 21.42 1.29 -0.57 |
| E_CANADA_MHWK_HY 24050 | 22.51 -0.13 0.00 | 18.85 -0.21 0.00 | 17.06 -0.30 0.00 | 17.77 -0.35 0.00 | 19.71 -0.46 0.00 | 22.46 -0.35 0.00 | 26.06 -0.15 0.00 | 25.72 0.02 -0.04 | 15.78 0.03 -0.20 | 15.25 0.19 -0.30 | 20.57 0.26 -0.01 | 20.83 0.14 0.00 | 20.48 -0.01 0.00 | 17.89 0.12 -0.02 | 16.25 0.02 -0.05 | 16.51 0.01 -0.08 | 13.56 0.04 -0.14 | 15.49 -0.02 -0.06 | 9.91 -0.01 -0.21 | 15.47 0.23 -0.11 | 20.76 0.33 -0.07 | 21.26 0.32 0.00 | 20.28 0.12 0.00 | 19.57 -0.01 -0.01 |
| E_FISHKILL____LBMP 23776 | 24.16 1.43 -0.10 | 20.32 1.26 0.00 | 18.50 1.14 0.00 | 19.30 1.18 0.00 | 21.41 1.24 -0.01 | 24.30 1.49 0.00 | 28.02 1.80 -0.01 | 29.74 1.96 -2.12 | 27.95 1.21 -11.19 | 32.72 1.18 -16.77 | 22.64 1.73 -0.61 | 22.41 1.71 -0.02 | 22.25 1.74 -0.02 | 21.02 1.58 -1.70 | 20.45 1.41 -2.86 | 22.45 1.41 -4.63 | 22.18 1.09 -7.69 | 20.14 1.26 -3.43 | 22.52 0.81 -12.01 | 22.59 1.28 -6.18 | 26.14 1.73 -4.07 | 22.68 1.66 -0.08 | 21.68 1.52 -0.01 | 21.41 1.44 -0.39 |
| FALCON____SEABRD_CC1 323796 | -14.30 -1.09 35.84 | 18.17 -0.89 0.00 | 10.29 -0.92 6.14 | 13.92 -1.00 3.20 | 6.06 -0.89 13.22 | 22.79 -0.02 0.00 | 26.35 0.15 0.00 | 26.24 0.59 0.00 | 15.24 -0.30 0.00 | -18.35 -0.59 32.52 | -21.56 -0.79 41.07 | -21.61 -0.80 41.49 | -21.71 -0.72 41.48 | -14.88 -0.70 31.93 | 16.00 -0.18 0.00 | 16.27 -0.15 0.00 | 13.30 -0.10 0.00 | 15.53 0.08 0.00 | 9.81 0.10 0.00 | 15.38 0.25 0.00 | 20.79 0.44 0.00 | 21.32 0.38 0.00 | 20.47 0.31 0.00 | 20.07 0.49 0.00 |
| FALCON____SEABRD_CC2 323797 | -14.30 -1.09 35.84 | 18.17 -0.89 0.00 | 10.29 -0.92 6.14 | 13.92 -1.00 3.20 | 6.06 -0.89 13.22 | 22.79 -0.02 0.00 | 26.35 0.15 0.00 | 26.24 0.59 0.00 | 15.24 -0.30 0.00 | -18.35 -0.59 32.52 | -21.56 -0.79 41.07 | -21.61 -0.80 41.49 | -21.71 -0.72 41.48 | -14.88 -0.70 31.93 | 16.00 -0.18 0.00 | 16.27 -0.15 0.00 | 13.30 -0.10 0.00 | 15.53 0.08 0.00 | 9.81 0.10 0.00 | 15.38 0.25 0.00 | 20.79 0.44 0.00 | 21.32 0.38 0.00 | 20.47 0.31 0.00 | 20.07 0.49 0.00 |
| FAR ROCKAWAY____4 23548 | 24.92 2.19 -0.10 | 20.94 1.88 0.00 | 19.04 1.68 0.00 | 19.88 1.75 0.00 | 22.04 1.86 -0.01 | 25.05 2.24 0.00 | 28.78 2.57 -0.01 | 30.40 2.65 -2.10 | 28.17 1.58 -11.05 | 32.75 1.42 -16.57 | 23.21 2.30 -0.61 | 23.03 2.32 -0.02 | 22.78 2.26 -0.02 | 21.41 2.00 -1.67 | 20.86 1.85 -2.83 | 62.50 2.06 -44.03 | 22.43 1.44 -7.60 | 20.42 1.57 -3.39 | 22.67 1.10 -11.86 | 23.01 1.78 -6.10 | 26.77 2.40 -4.02 | 23.30 2.27 -0.09 | 22.24 2.08 -0.01 | 22.00 2.04 -0.38 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 24.50 1.76 -0.10 | 20.60 1.54 0.00 | 18.76 1.40 0.00 | 19.59 1.47 0.00 | 21.73 1.55 -0.01 | 24.64 1.83 0.00 | 28.41 2.20 -0.01 | 30.11 2.35 -2.10 | 28.08 1.49 -11.05 | 32.77 1.44 -16.57 | 23.00 2.09 -0.61 | 22.80 2.09 -0.02 | 22.65 2.13 -0.02 | 21.35 1.93 -1.67 | 20.73 1.72 -2.82 | 22.71 1.72 -4.57 | 22.32 1.33 -7.60 | 20.35 1.51 -3.39 | 22.53 0.96 -11.86 | 22.75 1.52 -6.10 | 26.43 2.06 -4.02 | 22.99 1.97 -0.09 | 21.99 1.83 -0.01 | 21.70 1.74 -0.38 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 24.50 1.77 -0.10 | 20.60 1.54 0.00 | 18.76 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.55 -0.01 | 24.64 1.83 0.00 | 28.42 2.20 -0.01 | 30.12 2.36 -2.10 | 28.09 1.50 -11.05 | 32.77 1.45 -16.57 | 23.00 2.10 -0.61 | 22.81 2.10 -0.02 | 22.65 2.13 -0.02 | 21.35 1.93 -1.67 | 20.73 1.72 -2.82 | 22.71 1.73 -4.57 | 22.32 1.33 -7.60 | 20.35 1.51 -3.39 | 22.53 0.97 -11.86 | 22.75 1.53 -6.10 | 26.44 2.06 -4.02 | 23.00 1.98 -0.09 | 22.00 1.84 -0.01 | 21.71 1.75 -0.38 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 24.48 1.75 -0.10 | 20.59 1.53 0.00 | 18.75 1.39 0.00 | 19.57 1.45 0.00 | 21.72 1.54 -0.01 | 24.62 1.81 0.00 | 28.39 2.18 -0.01 | 30.09 2.34 -2.10 | 28.07 1.48 -11.05 | 32.76 1.44 -16.57 | 22.99 2.08 -0.61 | 22.80 2.09 -0.02 | 22.64 2.12 -0.02 | 21.33 1.92 -1.67 | 20.72 1.71 -2.82 | 22.70 1.71 -4.57 | 22.31 1.32 -7.60 | 20.34 1.50 -3.39 | 22.53 0.96 -11.86 | 22.74 1.51 -6.10 | 26.41 2.04 -4.02 | 22.98 1.95 -0.09 | 21.98 1.82 -0.01 | 21.69 1.73 -0.38 |

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|--|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| FARRAGUT___LBMP 323566 | 24.47 1.74 -0.10 | 20.58 1.52 0.00 | 18.74 1.38 0.00 | 19.56 1.44 0.00 | 21.70 1.52 -0.01 | 24.61 1.80 0.00 | 28.37 2.15 -0.01 | 30.07 2.31 -2.10 | 28.06 1.46 -11.05 | 32.75 1.42 -16.57 | 22.97 2.06 -0.61 | 22.78 2.07 -0.02 | 22.62 2.10 -0.02 | 21.32 1.90 -1.67 | 20.70 1.70 -2.82 | 22.68 1.70 -4.57 | 22.29 1.30 -7.60 | 20.33 1.49 -3.39 | 22.52 0.95 -11.86 | 22.73 1.50 -6.10 | 26.40 2.02 -4.02 | 22.96 1.94 -0.09 | 21.97 1.80 -0.01 | 21.67 1.71 -0.38 |
| FENNER___WINDPWR 24204 | 23.83 0.31 -0.89 | 19.31 0.25 0.00 | 17.52 0.16 0.00 | 18.31 0.19 0.00 | 20.44 0.27 0.00 | 23.14 0.33 0.00 | 26.60 0.39 0.00 | 26.36 0.45 -0.26 | 17.23 0.34 -1.34 | 17.04 0.28 -1.99 | 20.71 0.36 -0.05 | 21.06 0.37 0.00 | 20.85 0.35 0.00 | 18.18 0.27 -0.16 | 16.71 0.20 -0.33 | 17.15 0.20 -0.53 | 14.51 0.22 -0.91 | 16.15 0.28 -0.41 | 11.31 0.18 -1.43 | 16.29 0.44 -0.72 | 21.37 0.56 -0.46 | 21.44 0.50 0.00 | 20.57 0.41 0.00 | 20.01 0.38 -0.05 |
| FIBERTEK___ENERGY 23856 | 23.35 0.10 -0.62 | 19.13 0.07 0.00 | 17.44 0.07 -0.02 | 18.24 0.12 -0.01 | 20.35 0.14 -0.04 | 22.99 0.18 0.00 | 26.39 0.18 0.00 | 26.08 0.19 -0.23 | 16.86 0.12 -1.20 | 16.82 0.08 -1.98 | 20.79 0.10 -0.39 | 20.88 0.07 -0.12 | 20.64 0.03 -0.12 | 18.04 0.04 -0.26 | 16.47 0.00 -0.29 | 17.08 0.00 -0.67 | 14.35 0.00 -0.95 | 15.85 0.03 -0.37 | 11.11 0.04 -1.37 | 15.95 0.10 -0.72 | 21.19 0.13 -0.70 | 21.12 0.08 -0.09 | 20.21 0.04 -0.01 | 19.71 0.08 -0.05 |
| FITZPATRICK____ 23598 | 22.24 -0.39 0.00 | 18.73 -0.33 0.00 | 17.04 -0.31 0.00 | 17.81 -0.30 0.00 | 19.84 -0.34 0.00 | 22.43 -0.38 0.00 | 25.73 -0.48 0.00 | 25.30 -0.49 -0.13 | 15.97 -0.28 -0.71 | 15.52 -0.29 -1.05 | 19.92 -0.40 -0.03 | 20.25 -0.44 0.00 | 20.04 -0.46 0.00 | 17.44 -0.39 -0.09 | 15.97 -0.39 -0.17 | 16.32 -0.38 -0.28 | 13.56 -0.31 -0.48 | 15.32 -0.35 -0.22 | 10.26 -0.21 -0.76 | 15.21 -0.30 -0.38 | 20.19 -0.41 -0.24 | 20.48 -0.46 0.00 | 19.70 -0.46 0.00 | 19.22 -0.38 -0.03 |
| FLOWRFLD_69_KV_BK1 356044 | 24.89 2.16 -0.10 | 20.93 1.87 0.00 | 19.07 1.72 0.00 | 19.85 1.73 0.00 | 22.00 1.82 -0.01 | 25.16 2.35 0.00 | 28.78 2.56 -0.01 | 30.34 2.58 -2.10 | 28.10 1.51 -11.05 | 32.60 1.28 -16.57 | 23.02 2.11 -0.61 | 22.84 2.13 -0.02 | 22.56 2.04 -0.02 | 21.13 1.72 -1.67 | 20.64 1.64 -2.83 | 62.42 1.98 -44.03 | 22.41 1.42 -7.60 | 20.28 1.43 -3.39 | 22.62 1.05 -11.86 | 22.95 1.73 -6.10 | 26.70 2.33 -4.02 | 23.21 2.18 -0.09 | 22.23 2.07 -0.01 | 21.99 2.03 -0.38 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 24.42 1.69 -0.10 | 20.53 1.47 0.00 | 18.69 1.33 0.00 | 19.51 1.39 0.00 | 21.65 1.47 -0.01 | 24.58 1.77 0.00 | 28.37 2.15 -0.01 | 30.07 2.32 -2.10 | 28.05 1.42 -11.09 | 32.72 1.34 -16.62 | 22.87 1.96 -0.61 | 22.67 1.96 -0.02 | 22.49 1.98 -0.02 | 21.21 1.79 -1.67 | 20.62 1.61 -2.83 | 22.63 1.63 -4.58 | 22.28 1.26 -7.63 | 20.32 1.47 -3.40 | 22.56 0.95 -11.90 | 22.76 1.51 -6.12 | 26.42 2.04 -4.03 | 22.98 1.96 -0.09 | 21.94 1.78 -0.01 | 21.65 1.69 -0.39 |
| FORT ORANGE____ 23900 | 23.30 0.66 0.00 | 19.62 0.56 0.00 | 17.88 0.52 0.00 | 18.65 0.53 0.00 | 20.72 0.55 0.00 | 23.54 0.73 0.00 | 27.14 0.92 -0.01 | 29.08 0.99 -2.43 | 28.95 0.60 -12.81 | 34.49 0.63 -19.10 | 21.63 0.86 -0.47 | 21.51 0.82 0.00 | 21.30 0.81 0.00 | 19.85 0.71 -1.40 | 19.89 0.63 -3.07 | 22.10 0.65 -5.03 | 22.66 0.58 -8.69 | 19.99 0.63 -3.91 | 23.79 0.42 -13.67 | 22.64 0.66 -6.86 | 25.63 0.88 -4.39 | 21.88 0.93 -0.01 | 20.97 0.81 0.00 | 20.73 0.69 -0.46 |
| FORT_DRUM_COGEN 23780 | 29.71 -0.25 -7.33 | 18.47 -0.59 0.00 | 16.53 -1.04 -0.22 | 17.04 -1.19 -0.11 | 19.53 -1.12 -0.47 | 21.74 -1.07 0.00 | 25.05 -1.16 0.00 | 24.61 -1.17 -0.12 | 15.46 -0.71 -0.62 | 16.06 -0.72 -2.02 | 20.84 -0.88 -1.42 | 21.04 -1.03 -1.38 | 20.78 -1.09 -1.37 | 17.87 -1.01 -1.14 | 15.66 -0.68 -0.15 | 15.96 -0.73 -0.27 | 13.40 -0.43 -0.44 | 15.38 -0.27 -0.19 | 10.27 -0.11 -0.68 | 15.39 -0.09 -0.35 | 20.62 0.02 -0.26 | 20.87 -0.08 -0.01 | 19.83 -0.33 0.00 | 18.99 -0.61 -0.02 |
| FPL_FAR_ROCK_GT1 24212 | 24.82 2.18 0.00 | 20.94 1.88 0.00 | 19.04 1.68 0.00 | 19.88 1.75 0.00 | 22.03 1.85 0.00 | 25.04 2.23 0.00 | 28.77 2.55 -0.01 | 30.42 2.66 -2.10 | 28.17 1.58 -11.05 | 32.65 1.42 -16.47 | 22.99 2.28 -0.41 | 23.01 2.32 0.00 | 22.76 2.26 0.00 | 21.37 1.99 -1.63 | 20.85 1.85 -2.83 | 62.35 2.06 -43.88 | 22.31 1.43 -7.49 | 20.42 1.57 -3.39 | 22.60 1.10 -11.79 | 22.95 1.78 -6.05 | 26.54 2.40 -3.79 | 23.22 2.27 -0.01 | 22.24 2.08 0.00 | 22.00 2.04 -0.38 |
| FPL_FAR_ROCK_GT2 23815 | 24.82 2.18 0.00 | 20.94 1.88 0.00 | 19.04 1.68 0.00 | 19.88 1.75 0.00 | 22.03 1.85 0.00 | 25.04 2.23 0.00 | 28.77 2.55 -0.01 | 30.42 2.66 -2.10 | 28.17 1.58 -11.05 | 32.65 1.42 -16.47 | 22.99 2.28 -0.41 | 23.01 2.32 0.00 | 22.76 2.26 0.00 | 21.37 1.99 -1.63 | 20.85 1.85 -2.83 | 62.35 2.06 -43.88 | 22.31 1.43 -7.49 | 20.42 1.57 -3.39 | 22.60 1.10 -11.79 | 22.95 1.78 -6.05 | 26.54 2.40 -3.79 | 23.22 2.27 -0.01 | 22.24 2.08 0.00 | 22.00 2.04 -0.38 |
| FRANKLIN_FALL_HYD 24054 | 29.44 -1.06 -7.86 | 18.16 -0.90 0.00 | 20.74 -0.89 -4.27 | 19.36 -0.95 -2.19 | 28.39 -0.83 -9.05 | 22.59 -0.22 0.00 | 26.07 -0.14 0.00 | 25.41 -0.27 -0.02 | 15.07 -0.58 -0.10 | 34.84 -0.60 -20.69 | 45.42 -0.82 -25.94 | 46.16 -0.78 -26.25 | 45.97 -0.73 -26.20 | 37.23 -0.69 -20.18 | 15.91 -0.30 -0.02 | 16.14 -0.31 -0.04 | 13.23 -0.22 -0.07 | 15.36 -0.12 -0.03 | 9.75 -0.06 -0.11 | 15.09 -0.09 -0.05 | 20.37 -0.02 -0.03 | 20.83 -0.10 0.00 | 20.00 -0.16 0.00 | 19.44 -0.14 0.00 |
| FREEPORT_EQUS_GT1 23764 | 24.67 2.04 0.00 | 20.81 1.75 0.00 | 18.92 1.57 0.00 | 19.74 1.62 0.00 | 21.88 1.71 0.00 | 24.94 2.13 0.00 | 28.63 2.41 -0.01 | 30.27 2.52 -2.10 | 28.08 1.49 -11.05 | 32.55 1.32 -16.47 | 22.84 2.14 -0.41 | 22.87 2.19 0.00 | 22.62 2.13 0.00 | 21.23 1.86 -1.63 | 20.74 1.73 -2.83 | 62.26 1.96 -43.88 | 22.24 1.35 -7.49 | 20.29 1.44 -3.39 | 22.52 1.03 -11.79 | 22.83 1.66 -6.05 | 26.38 2.24 -3.79 | 23.08 2.12 -0.01 | 22.12 1.96 0.00 | 21.91 1.96 -0.38 |
| FREEPORT___CT2 23818 | 24.67 2.04 0.00 | 20.81 1.75 0.00 | 18.92 1.57 0.00 | 19.74 1.62 0.00 | 21.88 1.71 0.00 | 24.94 2.13 0.00 | 28.63 2.41 -0.01 | 30.27 2.52 -2.10 | 28.08 1.49 -11.05 | 32.55 1.32 -16.47 | 22.84 2.14 -0.41 | 22.87 2.19 0.00 | 22.62 2.13 0.00 | 21.23 1.86 -1.63 | 20.74 1.73 -2.83 | 62.26 1.96 -43.88 | 22.24 1.35 -7.49 | 20.29 1.44 -3.39 | 22.52 1.03 -11.79 | 22.83 1.66 -6.05 | 26.38 2.24 -3.79 | 23.08 2.12 -0.01 | 22.12 1.96 0.00 | 21.91 1.96 -0.38 |
| FRESHKLS_33_KV_LOAD 356253 | 24.49 1.75 -0.10 | 20.58 1.52 0.00 | 18.74 1.38 0.00 | 19.56 1.44 0.00 | 21.73 1.55 -0.01 | 24.66 1.85 0.00 | 28.46 2.24 -0.01 | 30.12 2.36 -2.10 | 28.05 1.46 -11.05 | 32.71 1.39 -16.57 | 22.89 1.98 -0.61 | 22.68 1.97 -0.02 | 22.55 2.04 -0.02 | 21.25 1.84 -1.67 | 20.64 1.63 -2.82 | 22.63 1.65 -4.57 | 22.28 1.28 -7.60 | 20.27 1.43 -3.39 | 22.51 0.94 -11.86 | 22.74 1.51 -6.10 | 26.43 2.06 -4.02 | 22.99 1.97 -0.09 | 22.01 1.85 -0.01 | 21.73 1.78 -0.38 |
| FULTON COGEN____ 23766 | 23.30 -0.19 -0.86 | 18.89 -0.17 0.00 | 17.20 -0.17 -0.02 | 17.98 -0.16 -0.01 | 20.07 -0.16 -0.06 | 22.65 -0.16 0.00 | 25.99 -0.22 0.00 | 25.61 -0.23 -0.18 | 16.35 -0.13 -0.93 | 16.15 -0.15 -1.53 | 20.31 -0.21 -0.22 | 20.61 -0.24 -0.17 | 20.40 -0.26 -0.17 | 17.76 -0.23 -0.25 | 16.17 -0.24 -0.23 | 16.57 -0.24 -0.39 | 13.86 -0.18 -0.65 | 15.55 -0.19 -0.29 | 10.61 -0.11 -1.01 | 15.52 -0.12 -0.51 | 20.53 -0.17 -0.35 | 20.72 -0.23 -0.01 | 19.90 -0.26 0.00 | 19.41 -0.20 -0.03 |

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| FULTON___LFGE 323630 | 24.91 2.28 0.00 | 20.91 1.85 0.00 | 18.93 1.58 0.00 | 19.82 1.70 0.00 | 22.13 1.96 0.00 | 24.93 2.12 0.00 | 28.81 2.59 -0.02 | 31.06 2.56 -2.84 | 31.98 1.50 -14.93 | 38.51 1.49 -22.27 | 22.38 1.53 -0.55 | 21.87 1.18 0.00 | 21.87 1.37 0.00 | 20.80 1.42 -1.64 | 20.84 1.07 -3.59 | 23.68 1.40 -5.87 | 24.64 1.12 -10.13 | 21.26 1.25 -4.56 | 26.54 0.89 -15.93 | 24.78 1.66 -8.00 | 27.66 2.19 -5.12 | 23.02 2.07 -0.02 | 22.03 1.87 0.00 | 21.91 1.80 -0.53 |
| G.F.CEMENT___DRP 24184 | 24.04 1.32 -0.08 | 20.12 1.06 0.00 | 18.28 0.93 0.00 | 19.01 0.89 0.00 | 21.21 1.04 -0.01 | 24.26 1.45 0.00 | 27.98 1.75 -0.01 | 30.02 1.83 -2.54 | 30.06 1.12 -13.40 | 35.93 1.12 -20.05 | 22.45 1.50 -0.65 | 22.22 1.51 -0.02 | 21.94 1.43 -0.02 | 20.43 1.19 -1.50 | 20.47 1.07 -3.21 | 22.92 1.12 -5.39 | 23.47 0.91 -9.17 | 20.68 1.14 -4.09 | 24.84 0.78 -14.35 | 23.53 1.18 -7.22 | 26.73 1.61 -4.77 | 22.57 1.56 -0.07 | 21.59 1.43 0.00 | 21.44 1.39 -0.48 |
| GARDENVILLE___LBMP 24039 | 23.10 0.10 -0.36 | 19.23 0.17 0.00 | 17.56 0.19 -0.01 | 18.44 0.32 -0.01 | 20.61 0.41 -0.02 | 23.22 0.40 0.00 | 26.23 0.06 0.04 | 26.23 0.29 -0.29 | 17.82 0.26 -2.01 | 13.36 -0.01 1.39 | 10.43 -0.09 9.78 | 20.61 -0.15 -0.07 | 20.26 -0.30 -0.07 | 16.50 -0.33 0.91 | 16.11 -0.53 -0.46 | 8.58 -0.31 7.52 | 8.50 -0.32 4.57 | 15.66 -0.41 -0.61 | 7.61 -0.24 1.86 | 12.81 -0.26 2.06 | 8.15 -0.34 11.87 | 16.55 -0.46 3.93 | 19.48 -0.39 0.29 | 19.72 0.07 -0.07 |
| GARDNVLA_35_KV_LD 355827 | 23.17 0.18 -0.36 | 19.29 0.23 0.00 | 17.62 0.25 -0.01 | 18.50 0.37 -0.01 | 20.66 0.47 -0.02 | 23.29 0.48 0.00 | 26.33 0.16 0.04 | 26.33 0.38 -0.29 | 17.90 0.33 -2.02 | 14.15 0.04 0.65 | 12.11 -0.02 8.17 | 20.70 -0.06 -0.07 | 20.35 -0.21 -0.07 | 16.78 -0.26 0.71 | 16.18 -0.47 -0.47 | 9.96 -0.27 6.18 | 9.51 -0.28 3.60 | 15.72 -0.35 -0.62 | 8.31 -0.21 1.19 | 13.33 -0.20 1.60 | 10.26 -0.27 9.82 | 17.27 -0.38 3.29 | 19.60 -0.31 0.24 | 19.79 0.14 -0.07 |
| GELCKHM___115KV_LOAD 80723 | 23.28 -0.02 -0.67 | 19.04 -0.02 0.00 | 17.35 -0.02 -0.02 | 18.14 0.01 -0.01 | 20.24 0.02 -0.05 | 22.84 0.03 0.00 | 26.22 0.01 0.00 | 25.87 0.01 -0.21 | 16.63 0.01 -1.07 | 16.49 -0.02 -1.75 | 20.54 -0.03 -0.27 | 20.76 -0.06 -0.13 | 20.53 -0.09 -0.13 | 17.91 -0.07 -0.24 | 16.35 -0.10 -0.26 | 16.84 -0.10 -0.52 | 14.11 -0.08 -0.80 | 15.72 -0.06 -0.33 | 10.87 -0.02 -1.19 | 15.74 0.00 -0.62 | 20.85 -0.01 -0.51 | 20.92 -0.06 -0.05 | 20.07 -0.09 0.00 | 19.57 -0.04 -0.04 |
| GENERAL___MILLS 23808 | 23.16 0.17 -0.36 | 19.28 0.22 0.00 | 17.60 0.24 -0.01 | 18.48 0.36 -0.01 | 20.65 0.46 -0.02 | 23.27 0.46 0.00 | 26.31 0.13 0.03 | 26.32 0.36 -0.30 | 17.87 0.31 -2.02 | 13.94 0.03 0.85 | 11.65 -0.05 8.60 | 20.67 -0.09 -0.07 | 20.31 -0.25 -0.07 | 16.70 -0.28 0.77 | 16.16 -0.49 -0.47 | 9.60 -0.28 6.54 | 9.24 -0.29 3.86 | 15.70 -0.37 -0.62 | 8.11 -0.22 1.37 | 13.24 -0.22 1.67 | 9.69 -0.29 10.37 | 17.07 -0.41 3.46 | 19.56 -0.34 0.26 | 19.77 0.12 -0.07 |
| GE_PLASTICS___DRP 24183 | 23.40 0.69 -0.08 | 19.65 0.59 0.00 | 17.91 0.55 0.00 | 18.68 0.56 0.00 | 20.75 0.57 -0.01 | 23.55 0.74 0.00 | 27.13 0.91 -0.01 | 29.03 0.96 -2.41 | 28.88 0.59 -12.75 | 34.46 0.62 -19.08 | 21.81 0.88 -0.63 | 21.54 0.83 -0.02 | 21.34 0.83 -0.02 | 19.89 0.74 -1.41 | 19.89 0.66 -3.05 | 22.23 0.68 -5.14 | 22.69 0.57 -8.73 | 19.96 0.62 -3.89 | 23.78 0.41 -13.66 | 22.64 0.64 -6.87 | 25.77 0.85 -4.56 | 21.89 0.88 -0.07 | 20.95 0.79 -0.01 | 20.73 0.70 -0.45 |
| GILBOA___1 23756 | 23.51 0.88 0.00 | 19.82 0.76 0.00 | 18.11 0.76 0.00 | 18.91 0.79 0.00 | 20.93 0.76 0.00 | 23.74 0.93 0.00 | 27.30 1.08 -0.01 | 28.42 0.96 -1.80 | 25.66 0.63 -9.48 | 29.51 0.61 -14.14 | 21.53 0.88 -0.35 | 21.54 0.85 0.00 | 21.34 0.84 0.00 | 19.55 0.76 -1.05 | 19.13 0.66 -2.28 | 20.82 0.68 -3.73 | 20.36 0.54 -6.43 | 18.96 0.61 -2.89 | 20.23 0.40 -10.12 | 20.85 0.65 -5.08 | 24.47 0.87 -3.25 | 21.90 0.95 -0.01 | 21.08 0.93 0.00 | 20.81 0.87 -0.36 |
| GILBOA___2 23757 | 23.51 0.88 0.00 | 19.82 0.76 0.00 | 18.11 0.76 0.00 | 18.91 0.79 0.00 | 20.93 0.76 0.00 | 23.74 0.93 0.00 | 27.30 1.08 -0.01 | 28.42 0.96 -1.80 | 25.66 0.63 -9.48 | 29.51 0.61 -14.14 | 21.53 0.88 -0.35 | 21.54 0.85 0.00 | 21.34 0.84 0.00 | 19.55 0.76 -1.05 | 19.13 0.66 -2.28 | 20.82 0.68 -3.73 | 20.36 0.54 -6.43 | 18.96 0.61 -2.89 | 20.23 0.40 -10.12 | 20.85 0.65 -5.08 | 24.47 0.87 -3.25 | 21.90 0.95 -0.01 | 21.08 0.93 0.00 | 20.81 0.87 -0.36 |
| GILBOA___3 23758 | 23.51 0.88 0.00 | 19.82 0.76 0.00 | 18.11 0.76 0.00 | 18.91 0.79 0.00 | 20.93 0.76 0.00 | 23.74 0.93 0.00 | 27.30 1.08 -0.01 | 28.42 0.96 -1.80 | 25.66 0.63 -9.48 | 29.51 0.61 -14.14 | 21.53 0.88 -0.35 | 21.54 0.85 0.00 | 21.34 0.84 0.00 | 19.55 0.76 -1.05 | 19.13 0.66 -2.28 | 20.82 0.68 -3.73 | 20.36 0.54 -6.43 | 18.96 0.61 -2.89 | 20.23 0.40 -10.12 | 20.85 0.65 -5.08 | 24.47 0.87 -3.25 | 21.90 0.95 -0.01 | 21.08 0.93 0.00 | 20.81 0.87 -0.36 |
| GILBOA___4 23759 | 23.51 0.88 0.00 | 19.82 0.76 0.00 | 18.11 0.76 0.00 | 18.91 0.79 0.00 | 20.93 0.76 0.00 | 23.74 0.93 0.00 | 27.30 1.08 -0.01 | 28.42 0.96 -1.80 | 25.66 0.63 -9.48 | 29.51 0.61 -14.14 | 21.53 0.88 -0.35 | 21.54 0.85 0.00 | 21.34 0.84 0.00 | 19.55 0.76 -1.05 | 19.13 0.66 -2.28 | 20.82 0.68 -3.73 | 20.36 0.54 -6.43 | 18.96 0.61 -2.89 | 20.23 0.40 -10.12 | 20.85 0.65 -5.08 | 24.47 0.87 -3.25 | 21.90 0.95 -0.01 | 21.08 0.93 0.00 | 20.81 0.87 -0.36 |
| GILBOA___ 23599 | 23.62 0.88 -0.10 | 19.82 0.76 0.00 | 18.11 0.76 0.00 | 18.91 0.79 0.00 | 20.94 0.76 -0.01 | 23.74 0.93 0.00 | 27.31 1.09 -0.01 | 28.41 0.96 -1.80 | 25.66 0.63 -9.48 | 29.63 0.61 -14.25 | 21.77 0.88 -0.59 | 21.56 0.85 -0.02 | 21.37 0.85 -0.02 | 19.60 0.76 -1.10 | 19.13 0.66 -2.28 | 21.01 0.68 -3.91 | 20.49 0.54 -6.56 | 18.96 0.61 -2.89 | 20.31 0.40 -10.20 | 20.93 0.65 -5.15 | 24.75 0.87 -3.53 | 21.99 0.96 -0.09 | 21.09 0.92 -0.01 | 20.81 0.87 -0.36 |
| GINNA___ 23603 | 22.86 0.23 0.00 | 19.28 0.22 0.00 | 17.58 0.22 0.00 | 18.40 0.28 0.00 | 20.54 0.37 0.00 | 23.15 0.34 0.00 | 26.22 0.02 0.01 | 26.09 0.16 -0.27 | 17.23 0.12 -1.56 | 16.41 -0.12 -1.77 | 18.88 -0.23 1.19 | 20.31 -0.38 0.00 | 19.98 -0.51 0.00 | 17.22 -0.53 -0.01 | 15.93 -0.59 -0.34 | 15.45 -0.47 0.49 | 13.24 -0.41 -0.25 | 15.34 -0.55 -0.44 | 10.47 -0.35 -1.11 | 14.90 -0.50 -0.27 | 18.49 -0.67 1.19 | 19.42 -0.89 0.63 | 19.14 -0.90 0.12 | 18.96 -0.61 0.01 |
| GLEN PARK___ 23778 | 29.40 -0.23 -7.00 | 18.49 -0.56 0.00 | 16.54 -1.02 -0.21 | 17.07 -1.16 -0.11 | 19.54 -1.08 -0.45 | 21.81 -1.00 0.00 | 25.15 -1.05 0.00 | 24.72 -1.07 -0.12 | 15.54 -0.65 -0.64 | 16.07 -0.67 -1.98 | 20.79 -0.82 -1.31 | 21.01 -0.99 -1.30 | 20.74 -1.06 -1.30 | 17.79 -1.03 -1.07 | 15.64 -0.70 -0.15 | 15.90 -0.77 -0.25 | 13.36 -0.47 -0.44 | 15.37 -0.28 -0.20 | 10.28 -0.11 -0.69 | 15.41 -0.06 -0.34 | 20.65 0.08 -0.22 | 20.92 -0.02 0.00 | 19.88 -0.28 0.00 | 19.03 -0.57 -0.03 |
| GLENDALE_27_KV_LOAD 356172 | 24.60 1.87 -0.10 | 20.68 1.63 0.00 | 18.83 1.48 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.72 1.91 0.00 | 28.51 2.29 -0.01 | 30.22 2.47 -2.10 | 28.16 1.56 -11.05 | 32.84 1.51 -16.57 | 23.10 2.19 -0.61 | 22.90 2.19 -0.02 | 22.75 2.23 -0.02 | 21.43 2.02 -1.67 | 20.81 1.81 -2.82 | 22.78 1.80 -4.57 | 22.38 1.39 -7.60 | 20.43 1.59 -3.39 | 22.58 1.01 -11.86 | 22.83 1.60 -6.10 | 26.54 2.16 -4.02 | 23.09 2.07 -0.09 | 22.07 1.91 -0.01 | 21.80 1.84 -0.38 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 24.63 1.90 -0.10 | 20.70 1.64 0.00 | 18.84 1.49 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.80 1.99 0.00 | 28.54 2.32 -0.01 | 30.19 2.43 -2.10 | 28.07 1.47 -11.05 | 32.70 1.37 -16.57 | 23.05 2.14 -0.61 | 22.87 2.16 -0.02 | 22.66 2.15 -0.02 | 21.32 1.91 -1.67 | 20.75 1.74 -2.83 | 62.30 1.86 -44.03 | 22.30 1.31 -7.60 | 20.28 1.43 -3.39 | 22.54 0.97 -11.86 | 22.78 1.55 -6.10 | 26.47 2.09 -4.02 | 23.01 1.99 -0.09 | 22.00 1.83 -0.01 | 21.82 1.86 -0.38 |
| GLENWOOD_IC_2_G1 23688 | 24.42 1.79 0.00 | 20.62 1.56 0.00 | 18.76 1.41 0.00 | 19.58 1.46 0.00 | 21.71 1.53 0.00 | 24.68 1.87 0.00 | 28.40 2.19 -0.01 | 30.09 2.34 -2.10 | 28.01 1.42 -11.05 | 32.57 1.33 -16.47 | 22.75 2.04 -0.41 | 22.75 2.07 0.00 | 22.56 2.06 0.00 | 21.22 1.84 -1.63 | 20.67 1.67 -2.83 | 62.05 1.76 -43.88 | 22.18 1.29 -7.49 | 20.26 1.42 -3.39 | 22.44 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.95 1.79 0.00 | 21.70 1.74 -0.38 |
| GLENWOOD_IC_3_G1 23689 | 24.42 1.79 0.00 | 20.62 1.56 0.00 | 18.76 1.41 0.00 | 19.58 1.46 0.00 | 21.71 1.53 0.00 | 24.68 1.87 0.00 | 28.40 2.19 -0.01 | 30.09 2.34 -2.10 | 28.01 1.42 -11.05 | 32.57 1.33 -16.47 | 22.75 2.04 -0.41 | 22.75 2.07 0.00 | 22.56 2.06 0.00 | 21.22 1.84 -1.63 | 20.67 1.67 -2.83 | 62.05 1.76 -43.88 | 22.18 1.29 -7.49 | 20.26 1.42 -3.39 | 22.44 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.95 1.79 0.00 | 21.70 1.74 -0.38 |
| GLENWOOD___4 23550 | 24.63 1.90 -0.10 | 20.70 1.64 0.00 | 18.84 1.49 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.80 1.99 0.00 | 28.54 2.32 -0.01 | 30.19 2.43 -2.10 | 28.07 1.47 -11.05 | 32.70 1.37 -16.57 | 23.05 2.14 -0.61 | 22.87 2.16 -0.02 | 22.66 2.15 -0.02 | 21.32 1.91 -1.67 | 20.75 1.74 -2.83 | 62.30 1.86 -44.03 | 22.32 1.33 -7.60 | 20.30 1.46 -3.39 | 22.55 0.98 -11.86 | 22.80 1.57 -6.10 | 26.49 2.12 -4.02 | 23.04 2.02 -0.09 | 22.02 1.86 -0.01 | 21.82 1.86 -0.38 |
| GLENWOOD___5 23614 | 24.63 1.90 -0.10 | 20.70 1.64 0.00 | 18.84 1.49 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.80 1.99 0.00 | 28.54 2.32 -0.01 | 30.19 2.43 -2.10 | 28.07 1.47 -11.05 | 32.70 1.37 -16.57 | 23.05 2.14 -0.61 | 22.87 2.16 -0.02 | 22.66 2.15 -0.02 | 21.32 1.91 -1.67 | 20.75 1.74 -2.83 | 62.30 1.86 -44.03 | 22.32 1.33 -7.60 | 20.30 1.46 -3.39 | 22.55 0.98 -11.86 | 22.80 1.57 -6.10 | 26.49 2.12 -4.02 | 23.04 2.02 -0.09 | 22.02 1.86 -0.01 | 21.82 1.86 -0.38 |
| GLOBAL GREEN_PORT_GT1 23814 | 25.22 2.59 0.00 | 21.31 2.25 0.00 | 19.42 2.06 0.00 | 20.25 2.13 0.00 | 22.45 2.27 0.00 | 25.64 2.83 0.00 | 29.20 2.98 -0.01 | 30.77 3.01 -2.10 | 28.32 1.72 -11.05 | 32.66 1.43 -16.47 | 23.01 2.30 -0.41 | 23.02 2.33 0.00 | 22.70 2.20 0.00 | 21.22 1.84 -1.63 | 20.74 1.74 -2.83 | 62.41 2.12 -43.88 | 22.46 1.58 -7.49 | 20.49 1.64 -3.39 | 22.70 1.21 -11.79 | 23.17 2.00 -6.05 | 26.85 2.71 -3.79 | 23.49 2.54 -0.01 | 22.56 2.40 0.00 | 22.30 2.34 -0.38 |
| GLOBE___DSASP 323697 | 22.38 -0.62 -0.36 | 18.65 -0.41 0.00 | 17.02 -0.35 -0.01 | 17.84 -0.29 -0.01 | 19.93 -0.26 -0.02 | 22.45 -0.36 0.00 | 25.26 -0.92 0.02 | 25.14 -0.81 -0.30 | 17.05 -0.38 -1.89 | 14.11 -0.52 0.13 | 12.96 -0.76 6.58 | 19.64 -1.11 -0.07 | 19.28 -1.28 -0.07 | 16.09 -1.11 0.53 | 15.35 -1.27 -0.44 | 10.62 -0.91 4.89 | 9.87 -0.79 2.73 | 14.96 -1.07 -0.58 | 8.40 -0.61 0.69 | 13.11 -0.91 1.11 | 11.39 -1.09 7.88 | 16.99 -1.29 2.66 | 18.76 -1.21 0.20 | 18.95 -0.70 -0.07 |
| GOETHSLN___LBMP 323567 | 24.37 1.63 -0.10 | 20.49 1.43 0.00 | 18.67 1.31 0.00 | 19.49 1.37 0.00 | 21.63 1.45 -0.01 | 24.52 1.72 0.00 | 28.27 2.05 -0.01 | 29.97 2.21 -2.10 | 27.98 1.39 -11.05 | 32.67 1.35 -16.57 | 22.87 1.96 -0.61 | 22.66 1.95 -0.02 | 22.51 2.00 -0.02 | 21.23 1.81 -1.67 | 20.62 1.62 -2.82 | 22.60 1.62 -4.57 | 22.23 1.24 -7.60 | 20.25 1.41 -3.39 | 22.48 0.91 -11.86 | 22.66 1.43 -6.10 | 26.31 1.93 -4.02 | 22.87 1.84 -0.09 | 21.88 1.72 -0.01 | 21.58 1.62 -0.38 |
| GOLAH___69_KV_TB 1_2 80279 | 23.43 0.42 -0.38 | 19.48 0.43 0.00 | 17.80 0.44 -0.01 | 18.63 0.51 -0.01 | 20.89 0.69 -0.03 | 23.48 0.67 0.00 | 26.71 0.51 0.00 | 26.63 0.68 -0.29 | 17.63 0.47 -1.61 | 16.72 0.23 -1.73 | 19.01 0.22 1.50 | 20.84 0.08 -0.07 | 20.51 -0.06 -0.07 | 17.66 -0.14 -0.05 | 16.27 -0.30 -0.39 | 15.57 -0.10 0.75 | 13.35 -0.16 -0.12 | 15.70 -0.24 -0.49 | 10.67 -0.09 -1.06 | 15.37 -0.06 -0.30 | 18.75 -0.04 1.56 | 20.08 -0.21 0.65 | 19.94 -0.17 0.05 | 19.78 0.15 -0.06 |
| GOODYEAR_LAKE_HYD 323669 | 24.00 1.20 -0.17 | 20.07 1.02 0.00 | 18.29 0.93 -0.01 | 19.13 1.01 0.00 | 21.26 1.08 -0.01 | 24.13 1.32 0.00 | 27.79 1.57 0.00 | 27.87 1.55 -0.66 | 19.64 0.96 -3.13 | 20.50 0.86 -4.88 | 22.03 1.17 -0.56 | 21.88 1.16 -0.03 | 21.66 1.13 -0.03 | 19.17 0.96 -0.47 | 17.79 0.84 -0.78 | 18.88 0.88 -1.59 | 16.45 0.69 -2.37 | 17.25 0.84 -0.96 | 13.75 0.53 -3.51 | 17.87 0.92 -1.82 | 23.21 1.25 -1.61 | 22.31 1.20 -0.16 | 21.28 1.11 -0.01 | 20.79 1.10 -0.12 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 23.55 0.61 -0.30 | 19.57 0.51 0.00 | 17.86 0.49 -0.01 | 18.72 0.59 0.00 | 20.83 0.64 -0.02 | 23.56 0.75 0.00 | 27.04 0.82 -0.01 | 27.27 0.93 -0.69 | 19.65 0.58 -3.53 | 20.91 0.49 -5.66 | 21.96 0.69 -0.97 | 21.44 0.69 -0.06 | 21.17 0.61 -0.06 | 18.85 0.53 -0.58 | 17.45 0.40 -0.87 | 18.86 0.39 -2.05 | 16.59 0.35 -2.86 | 16.92 0.38 -1.08 | 14.05 0.27 -4.08 | 17.79 0.52 -2.14 | 23.24 0.67 -2.22 | 21.87 0.61 -0.31 | 20.76 0.58 -0.02 | 20.35 0.64 -0.13 |
| GOUDEY___7 23579 | 23.56 0.63 -0.30 | 19.59 0.53 0.00 | 17.87 0.50 -0.01 | 18.73 0.61 0.00 | 20.85 0.66 -0.02 | 23.57 0.76 0.00 | 27.06 0.85 -0.01 | 27.29 0.95 -0.69 | 19.67 0.59 -3.53 | 20.92 0.51 -5.66 | 21.98 0.71 -0.97 | 21.46 0.71 -0.06 | 21.18 0.63 -0.06 | 18.87 0.55 -0.58 | 17.46 0.41 -0.87 | 18.88 0.41 -2.05 | 16.61 0.36 -2.86 | 16.93 0.40 -1.08 | 14.06 0.28 -4.08 | 17.80 0.54 -2.14 | 23.26 0.69 -2.22 | 21.89 0.63 -0.31 | 20.78 0.60 -0.02 | 20.36 0.66 -0.13 |
| GOUDEY___8 23580 | 23.55 0.61 -0.30 | 19.57 0.51 0.00 | 17.86 0.49 -0.01 | 18.72 0.59 0.00 | 20.83 0.64 -0.02 | 23.56 0.75 0.00 | 27.04 0.82 -0.01 | 27.27 0.93 -0.69 | 19.65 0.58 -3.53 | 20.91 0.49 -5.66 | 21.96 0.69 -0.97 | 21.44 0.69 -0.06 | 21.17 0.61 -0.06 | 18.85 0.53 -0.58 | 17.45 0.40 -0.87 | 18.86 0.39 -2.05 | 16.59 0.35 -2.86 | 16.92 0.38 -1.08 | 14.05 0.27 -4.08 | 17.79 0.52 -2.14 | 23.24 0.67 -2.22 | 21.87 0.61 -0.31 | 20.76 0.58 -0.02 | 20.35 0.64 -0.13 |
| GOWANUS_GT1_1 24077 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_2 24078 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |

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| GOWANUS_GT1_3 24079 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_4 24080 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_5 24084 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_6 24111 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_7 24112 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT1_8 24113 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT2_1 24114 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT2_2 24115 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | | | | | | | | | | | | | | | | | | | | |

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| GOWANUS_GT3_2 24123 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_3 24124 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_4 24125 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_5 24126 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_6 24127 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_7 24128 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT3_8 24129 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_1 24130 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_2 24131 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_3 24132 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_4 24133 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_5 24134 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_6 24135 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_7 24136 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |
| GOWANUS_GT4_8 24137 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.05 1.89 0.00 | 21.77 1.81 -0.38 |

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| GREENBSH_115KV_TB3 55895 | 23.29 0.57 -0.08 | 19.54 0.48 0.00 | 17.81 0.45 0.00 | 18.57 0.45 0.00 | 20.64 0.46 -0.01 | 23.43 0.62 0.00 | 27.01 0.79 -0.01 | 28.93 0.84 -2.43 | 28.92 0.52 -12.86 | 34.57 0.56 -19.25 | 21.74 0.80 -0.64 | 21.46 0.76 -0.02 | 21.26 0.75 -0.02 | 19.84 0.67 -1.43 | 19.86 0.59 -3.08 | 22.22 0.62 -5.18 | 22.73 0.53 -8.81 | 19.95 0.57 -3.92 | 23.86 0.38 -13.78 | 22.64 0.58 -6.93 | 25.73 0.78 -4.60 | 21.82 0.81 -0.07 | 20.87 0.70 -0.01 | 20.64 0.60 -0.46 |
| GREENDGE_115KV_TB5 80291 | 23.53 0.52 -0.38 | 19.48 0.42 0.00 | 17.80 0.44 -0.01 | 18.72 0.59 -0.01 | 20.83 0.63 -0.03 | 23.49 0.68 0.00 | 26.95 0.70 -0.05 | 27.06 0.86 -0.54 | 18.42 0.58 -2.29 | 23.16 0.34 -8.06 | 31.12 0.42 -10.40 | 21.21 0.45 -0.07 | 20.86 0.29 -0.08 | 19.58 0.24 -1.59 | 16.87 0.10 -0.58 | 26.13 0.15 -9.57 | 21.31 0.18 -7.73 | 16.36 0.21 -0.70 | 16.53 0.18 -6.65 | 20.08 0.39 -4.57 | 34.74 0.42 -13.97 | 25.43 0.38 -4.11 | 20.81 0.35 -0.30 | 20.17 0.51 -0.08 |
| GREENIDGE___3 23582 | 23.53 0.52 -0.38 | 19.48 0.42 0.00 | 17.80 0.44 -0.01 | 18.72 0.59 -0.01 | 20.83 0.63 -0.03 | 23.49 0.68 0.00 | 26.95 0.70 -0.05 | 27.06 0.86 -0.54 | 18.42 0.58 -2.29 | 23.16 0.34 -8.06 | 31.12 0.42 -10.40 | 21.21 0.45 -0.07 | 20.86 0.29 -0.08 | 19.58 0.24 -1.59 | 16.87 0.10 -0.58 | 26.13 0.15 -9.57 | 21.31 0.18 -7.73 | 16.36 0.21 -0.70 | 16.53 0.18 -6.65 | 20.08 0.39 -4.57 | 34.74 0.42 -13.97 | 25.43 0.38 -4.11 | 20.81 0.35 -0.30 | 20.17 0.51 -0.08 |
| GREENIDGE___4 23583 | 23.15 0.52 0.00 | 19.48 0.42 0.00 | 17.80 0.45 0.00 | 18.71 0.59 0.00 | 20.81 0.63 0.00 | 23.50 0.69 0.00 | 27.02 0.72 -0.09 | 27.17 0.85 -0.67 | 18.42 0.58 -2.29 | 23.11 0.35 -8.00 | 31.06 0.43 -10.32 | 21.14 0.45 0.00 | 20.79 0.29 0.00 | 19.53 0.25 -1.54 | 16.87 0.10 -0.58 | 26.19 0.15 -9.63 | 21.28 0.18 -7.70 | 16.36 0.21 -0.70 | 16.53 0.18 -6.65 | 20.43 0.39 -4.91 | 34.82 0.42 -14.05 | 25.45 0.38 -4.13 | 20.81 0.35 -0.30 | 20.17 0.51 -0.08 |
| GREENLWN_69_KV_BK 3 55738 | 24.71 1.98 -0.10 | 20.77 1.71 0.00 | 18.91 1.55 0.00 | 19.71 1.59 0.00 | 21.84 1.67 -0.01 | 24.91 2.10 0.00 | 28.57 2.36 -0.01 | 30.17 2.41 -2.10 | 28.00 1.41 -11.05 | 32.56 1.23 -16.57 | 22.95 2.05 -0.61 | 22.77 2.06 -0.02 | 22.49 1.98 -0.02 | 21.12 1.70 -1.67 | 20.61 1.60 -2.83 | 62.30 1.86 -44.03 | 22.29 1.30 -7.60 | 20.20 1.36 -3.39 | 22.54 0.97 -11.86 | 22.81 1.58 -6.10 | 26.49 2.11 -4.02 | 23.02 1.99 -0.09 | 22.02 1.86 -0.01 | 21.82 1.86 -0.38 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 24.55 1.82 -0.10 | 20.63 1.58 0.00 | 18.79 1.43 0.00 | 19.61 1.49 0.00 | 21.76 1.58 -0.01 | 24.67 1.86 0.00 | 28.47 2.25 -0.01 | 30.17 2.41 -2.10 | 28.11 1.52 -11.05 | 32.80 1.47 -16.57 | 23.03 2.13 -0.61 | 22.83 2.12 -0.02 | 22.68 2.16 -0.02 | 21.37 1.96 -1.67 | 20.75 1.74 -2.82 | 22.74 1.75 -4.57 | 22.35 1.36 -7.60 | 20.38 1.54 -3.39 | 22.55 0.98 -11.86 | 22.79 1.56 -6.10 | 26.49 2.12 -4.02 | 23.05 2.03 -0.09 | 22.05 1.89 -0.01 | 21.77 1.81 -0.38 |
| GRISSOM___SOLAR 323813 | 24.91 2.28 0.00 | 20.91 1.85 0.00 | 18.93 1.58 0.00 | 19.82 1.70 0.00 | 22.13 1.96 0.00 | 24.93 2.12 0.00 | 28.81 2.59 -0.02 | 31.06 2.56 -2.84 | 31.98 1.50 -14.93 | 38.51 1.49 -22.27 | 22.38 1.53 -0.55 | 21.87 1.18 0.00 | 21.87 1.37 0.00 | 20.80 1.42 -1.64 | 20.84 1.07 -3.59 | 23.68 1.40 -5.87 | 24.64 1.12 -10.13 | 21.26 1.25 -4.56 | 26.54 0.89 -15.93 | 24.78 1.66 -8.00 | 27.66 2.19 -5.12 | 23.02 2.07 -0.02 | 22.03 1.87 0.00 | 21.91 1.80 -0.53 |
| GROVEVILLE___HYD 323602 | 24.42 1.69 -0.10 | 20.53 1.47 0.00 | 18.69 1.33 0.00 | 19.51 1.39 0.00 | 21.65 1.47 -0.01 | 24.58 1.77 0.00 | 28.37 2.15 -0.01 | 30.07 2.32 -2.10 | 28.05 1.42 -11.09 | 32.72 1.34 -16.62 | 22.87 1.96 -0.61 | 22.67 1.96 -0.02 | 22.49 1.98 -0.02 | 21.21 1.79 -1.67 | 20.62 1.61 -2.83 | 22.63 1.63 -4.58 | 22.28 1.26 -7.63 | 20.32 1.47 -3.40 | 22.56 0.95 -11.90 | 22.76 1.51 -6.12 | 26.42 2.04 -4.03 | 22.98 1.96 -0.09 | 21.94 1.78 -0.01 | 21.65 1.69 -0.39 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 23.35 0.10 -0.62 | 19.13 0.07 0.00 | 17.44 0.07 -0.02 | 18.24 0.12 -0.01 | 20.35 0.14 -0.04 | 22.99 0.18 0.00 | 26.39 0.18 0.00 | 26.08 0.19 -0.23 | 16.86 0.12 -1.20 | 16.82 0.08 -1.98 | 20.79 0.10 -0.39 | 20.88 0.07 -0.12 | 20.64 0.03 -0.12 | 18.04 0.04 -0.26 | 16.47 0.00 -0.29 | 17.08 0.00 -0.67 | 14.35 0.00 -0.95 | 15.85 0.03 -0.37 | 11.11 0.04 -1.37 | 15.95 0.10 -0.72 | 21.19 0.13 -0.70 | 21.12 0.08 -0.09 | 20.21 0.04 -0.01 | 19.71 0.08 -0.05 |
| HAMLTNNY_34_KV_TB 80303 | 23.39 0.20 -0.55 | 19.20 0.14 0.00 | 17.52 0.15 -0.02 | 18.32 0.19 -0.01 | 20.44 0.23 -0.04 | 23.10 0.29 0.00 | 26.50 0.29 0.00 | 26.25 0.34 -0.25 | 17.07 0.24 -1.28 | 17.03 0.17 -2.11 | 20.95 0.24 -0.41 | 20.98 0.18 -0.11 | 20.76 0.16 -0.11 | 18.17 0.16 -0.27 | 16.55 0.05 -0.31 | 17.22 0.08 -0.72 | 14.47 0.05 -1.03 | 15.92 0.07 -0.39 | 11.26 0.08 -1.48 | 16.07 0.16 -0.78 | 21.36 0.24 -0.77 | 21.23 0.18 -0.11 | 20.31 0.14 -0.01 | 19.82 0.19 -0.05 |
| HAMPSHIRE___PAPER_HYD 323593 | 3.29 -0.95 18.40 | 18.09 -0.97 0.00 | 17.02 -1.12 -0.79 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.13 -0.88 -4.25 | 24.02 -1.15 -4.87 | 24.43 -1.17 -4.92 | 24.24 -1.17 -4.92 | 20.49 -1.06 -3.81 | 15.40 -0.84 -0.06 | 15.66 -0.86 -0.10 | 12.98 -0.59 -0.18 | 14.95 -0.58 -0.08 | 9.60 -0.39 -0.29 | 14.71 -0.56 -0.14 | 19.74 -0.71 -0.09 | 20.13 -0.82 0.00 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| HARDSCRABBLE_WT_PWR 323673 | 22.56 -0.07 0.00 | 18.84 -0.22 0.00 | 16.96 -0.39 0.00 | 17.67 -0.44 0.00 | 19.59 -0.58 0.00 | 22.33 -0.48 0.00 | 25.89 -0.32 0.00 | 25.53 -0.17 -0.04 | 15.65 -0.10 -0.20 | 15.18 0.12 -0.30 | 20.52 0.22 -0.01 | 20.78 0.10 0.00 | 20.43 -0.07 0.00 | 17.81 0.05 -0.02 | 16.19 -0.04 -0.05 | 16.46 -0.04 -0.08 | 13.50 -0.03 -0.14 | 15.47 -0.05 -0.06 | 9.85 -0.07 -0.21 | 15.44 0.20 -0.11 | 20.71 0.29 -0.07 | 21.21 0.26 0.00 | 20.21 0.05 0.00 | 19.54 -0.04 -0.01 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 24.33 1.59 -0.10 | 20.43 1.37 0.00 | 18.58 1.22 0.00 | 19.41 1.29 0.00 | 21.55 1.37 -0.01 | 24.42 1.61 0.00 | 28.18 1.96 -0.01 | 29.78 2.10 -2.03 | 27.47 1.27 -10.65 | 31.96 1.23 -15.98 | 22.72 1.81 -0.60 | 22.51 1.80 -0.02 | 22.34 1.83 -0.02 | 21.01 1.67 -1.60 | 20.38 1.48 -2.72 | 22.32 1.49 -4.42 | 21.88 1.15 -7.34 | 20.06 1.34 -3.27 | 22.01 0.87 -11.44 | 22.38 1.37 -5.88 | 26.10 1.85 -3.90 | 22.81 1.78 -0.09 | 21.79 1.62 -0.01 | 21.49 1.55 -0.37 |
| HARSNRAD_115KV_TB1 81005 | 22.74 -0.26 -0.36 | 18.94 -0.12 0.00 | 17.28 -0.08 -0.01 | 18.13 0.00 -0.01 | 20.26 0.06 -0.02 | 22.80 -0.01 0.00 | 25.71 -0.48 0.02 | 25.71 -0.24 -0.30 | 17.40 -0.01 -1.87 | 14.35 -0.25 0.15 | 13.31 -0.44 6.55 | 20.19 -0.56 -0.07 | 19.83 -0.73 -0.07 | 16.48 -0.72 0.53 | 15.71 -0.91 -0.44 | 10.89 -0.64 4.88 | 10.05 -0.61 2.73 | 15.24 -0.79 -0.57 | 8.56 -0.44 0.71 | 13.39 -0.62 1.12 | 11.69 -0.76 7.90 | 17.31 -0.97 2.66 | 19.11 -0.86 0.20 | 19.29 -0.35 -0.07 |
| HARZA MOOSE___RIVER 24016 | 27.76 0.10 -5.04 | 18.93 -0.13 0.00 | 17.06 -0.45 -0.15 | 17.74 -0.46 -0.08 | 20.12 -0.38 -0.33 | 22.37 -0.44 0.00 | 25.72 -0.49 0.00 | 25.27 -0.48 -0.09 | 15.73 -0.24 -0.43 | 15.95 -0.24 -1.43 | 21.08 -0.26 -1.04 | 21.33 -0.34 -0.98 | 21.10 -0.37 -0.98 | 18.26 -0.29 -0.81 | 16.17 -0.12 -0.10 | 16.51 -0.12 -0.21 | 13.71 -0.01 -0.32 | 15.67 0.09 -0.13 | 10.26 0.08 -0.48 | 15.57 0.19 -0.25 | 20.86 0.29 -0.22 | 21.18 0.21 -0.02 | 20.19 0.04 0.00 | 19.49 -0.10 -0.02 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HDSNBRDG_115KV_BRDG_TB1 355580 | 23.34 0.03 -0.68 | 19.09 0.03 0.00 | 17.39 0.02 -0.02 | 18.19 0.06 -0.01 | 20.29 0.07 -0.05 | 22.91 0.09 0.00 | 26.28 0.07 0.00 | 25.94 0.08 -0.21 | 16.68 0.05 -1.08 | 16.53 0.02 -1.75 | 20.57 0.02 -0.25 | 20.81 0.00 -0.13 | 20.59 -0.03 -0.13 | 17.96 -0.03 -0.24 | 16.38 -0.06 -0.27 | 16.86 -0.06 -0.50 | 14.13 -0.04 -0.79 | 15.76 -0.03 -0.33 | 10.89 -0.01 -0.19 | 15.77 0.03 -0.61 | 20.86 0.03 -0.48 | 20.95 -0.02 -0.03 | 20.10 -0.06 0.00 | 19.62 0.01 -0.04 |
| HELLGATE_13_KV_LD 55870 | 24.51 1.77 -0.10 | 20.61 1.55 0.00 | 18.77 1.42 0.00 | 19.60 1.48 0.00 | 21.74 1.56 -0.01 | 24.62 1.81 0.00 | 28.39 2.17 -0.01 | 30.09 2.33 -2.10 | 28.08 1.49 -11.05 | 32.76 1.44 -16.57 | 22.99 2.08 -0.61 | 22.79 2.09 -0.02 | 22.64 2.12 -0.02 | 21.34 1.93 -1.67 | 20.73 1.72 -2.82 | 22.70 1.71 -4.57 | 22.31 1.32 -7.60 | 20.35 1.51 -3.39 | 22.52 0.96 -11.86 | 22.74 1.51 -6.10 | 26.43 2.05 -4.02 | 22.98 1.96 -0.09 | 21.98 1.81 -0.01 | 21.71 1.75 -0.38 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 24.51 1.77 -0.10 | 20.61 1.55 0.00 | 18.77 1.42 0.00 | 19.60 1.48 0.00 | 21.74 1.56 -0.01 | 24.62 1.81 0.00 | 28.39 2.17 -0.01 | 30.09 2.33 -2.10 | 28.08 1.49 -11.05 | 32.76 1.44 -16.57 | 22.99 2.08 -0.61 | 22.79 2.09 -0.02 | 22.64 2.12 -0.02 | 21.34 1.93 -1.67 | 20.73 1.72 -2.82 | 22.70 1.71 -4.57 | 22.31 1.32 -7.60 | 20.35 1.51 -3.39 | 22.52 0.96 -11.86 | 22.74 1.51 -6.10 | 26.43 2.05 -4.02 | 22.98 1.96 -0.09 | 21.98 1.81 -0.01 | 21.71 1.75 -0.38 |
| HEMPSTEAD____ 23647 | 24.49 1.86 0.00 | 20.67 1.61 0.00 | 18.81 1.45 0.00 | 19.62 1.50 0.00 | 21.74 1.57 0.00 | 24.79 1.98 0.00 | 28.47 2.25 -0.01 | 30.13 2.38 -2.10 | 28.00 1.41 -11.05 | 32.50 1.27 -16.47 | 22.75 2.04 -0.41 | 22.77 2.09 0.00 | 22.54 2.04 0.00 | 21.17 1.79 -1.63 | 20.67 1.66 -2.83 | 62.14 1.85 -43.88 | 22.17 1.28 -7.49 | 20.22 1.38 -3.39 | 22.46 0.96 -11.79 | 22.72 1.55 -6.05 | 26.23 2.10 -3.79 | 22.93 1.98 -0.01 | 21.99 1.83 0.00 | 21.79 1.83 -0.38 |
| HEWLETT__69_KV_BK3 55828 | 24.83 2.10 -0.10 | 20.87 1.81 0.00 | 18.98 1.62 0.00 | 19.81 1.69 0.00 | 21.96 1.78 -0.01 | 24.96 2.15 0.00 | 28.68 2.46 -0.01 | 30.29 2.54 -2.10 | 28.10 1.51 -11.05 | 32.69 1.36 -16.57 | 23.13 2.22 -0.61 | 22.95 2.24 -0.02 | 22.70 2.19 -0.02 | 21.34 1.92 -1.67 | 20.79 1.79 -2.83 | 62.43 1.98 -44.03 | 22.38 1.38 -7.60 | 20.35 1.51 -3.39 | 22.63 1.06 -11.86 | 22.93 1.70 -6.10 | 26.68 2.30 -4.02 | 23.20 2.18 -0.09 | 22.16 1.99 -0.01 | 21.93 1.97 -0.38 |
| HICKLING___1 23621 | 23.60 0.62 -0.34 | 19.55 0.49 0.00 | 17.92 0.56 -0.01 | 18.88 0.76 -0.01 | 20.98 0.79 -0.02 | 23.74 0.93 0.00 | 27.17 0.94 -0.03 | 27.45 1.20 -0.60 | 19.18 0.78 -2.85 | 21.10 0.60 -5.74 | 24.47 0.80 -3.37 | 21.60 0.84 -0.07 | 21.27 0.71 -0.07 | 19.17 0.63 -0.80 | 17.32 0.43 -0.71 | 20.86 0.40 -4.05 | 18.00 0.42 -4.19 | 16.81 0.48 -0.87 | 14.66 0.34 -4.62 | 18.58 0.68 -2.77 | 26.30 0.82 -5.13 | 23.07 0.74 -1.39 | 20.97 0.69 -0.11 | 20.54 0.86 -0.11 |
| HICKLING___2 23622 | 23.60 0.62 -0.34 | 19.55 0.49 0.00 | 17.92 0.56 -0.01 | 18.88 0.76 -0.01 | 20.98 0.79 -0.02 | 23.74 0.93 0.00 | 27.17 0.94 -0.03 | 27.45 1.20 -0.60 | 19.18 0.78 -2.85 | 21.10 0.60 -5.74 | 24.47 0.80 -3.37 | 21.60 0.84 -0.07 | 21.27 0.71 -0.07 | 19.17 0.63 -0.80 | 17.32 0.43 -0.71 | 20.86 0.40 -4.05 | 18.00 0.42 -4.19 | 16.81 0.48 -0.87 | 14.66 0.34 -4.62 | 18.58 0.68 -2.77 | 26.30 0.82 -5.13 | 23.07 0.74 -1.39 | 20.97 0.69 -0.11 | 20.54 0.86 -0.11 |
| HIGH FALLS___HY 23754 | 24.61 1.88 -0.10 | 20.71 1.65 0.00 | 18.83 1.47 0.00 | 19.71 1.59 0.00 | 21.85 1.67 -0.01 | 24.67 1.86 0.00 | 28.49 2.27 -0.01 | 30.22 2.47 -2.09 | 28.12 1.50 -11.08 | 32.72 1.35 -16.62 | 22.90 1.98 -0.61 | 22.68 1.98 -0.02 | 22.53 2.01 -0.02 | 21.26 1.92 -1.60 | 20.64 1.65 -2.80 | 22.70 1.71 -4.57 | 22.28 1.27 -7.62 | 20.42 1.57 -3.40 | 22.62 1.01 -11.90 | 22.85 1.62 -6.10 | 26.59 2.20 -4.03 | 23.11 2.08 -0.09 | 22.05 1.89 -0.01 | 21.75 1.78 -0.39 |
| HILLBURN___GT 23639 | 24.22 1.58 0.00 | 20.44 1.38 0.00 | 18.58 1.22 0.00 | 19.41 1.29 0.00 | 21.54 1.37 0.00 | 24.38 1.57 0.00 | 28.12 1.90 -0.01 | 29.77 2.08 -2.04 | 27.54 1.26 -10.74 | 31.99 1.23 -16.01 | 22.51 1.81 -0.40 | 22.49 1.80 0.00 | 22.32 1.83 0.00 | 20.98 1.66 -1.58 | 20.40 1.48 -2.74 | 22.20 1.50 -4.29 | 21.82 1.14 -7.28 | 20.06 1.31 -3.29 | 22.01 0.85 -11.46 | 22.34 1.35 -5.87 | 25.85 1.82 -3.68 | 22.69 1.74 -0.01 | 21.75 1.59 0.00 | 21.46 1.52 -0.38 |
| HILLSIDE_115KV_TB1 80332 | 23.41 0.44 -0.34 | 19.39 0.34 0.00 | 17.74 0.37 -0.01 | 18.68 0.56 -0.01 | 20.77 0.57 -0.02 | 23.44 0.63 0.00 | 26.89 0.66 -0.02 | 27.17 0.91 -0.60 | 19.06 0.57 -2.94 | 20.93 0.46 -5.71 | 23.95 0.63 -3.01 | 21.41 0.65 -0.07 | 21.08 0.52 -0.07 | 18.96 0.46 -0.76 | 17.18 0.27 -0.73 | 20.25 0.22 -3.62 | 17.41 0.26 -3.76 | 16.61 0.26 -0.90 | 14.24 0.19 -4.35 | 18.27 0.46 -2.68 | 25.57 0.54 -4.69 | 22.56 0.46 -1.16 | 20.69 0.44 -0.09 | 20.26 0.57 -0.11 |
| HISHELDN_WT_PWR 323625 | 22.54 -0.09 0.00 | 19.03 -0.03 0.00 | 17.44 0.09 0.00 | 18.35 0.23 0.00 | 20.40 0.23 0.00 | 22.93 0.12 0.00 | 25.80 -0.23 0.18 | 25.54 -0.05 0.06 | 17.77 0.09 -2.14 | 8.42 -0.16 6.18 | -0.81 -0.25 20.85 | 20.39 -0.30 0.00 | 20.11 -0.38 0.00 | 15.04 -0.40 2.30 | 16.07 -0.60 -0.49 | -0.96 -0.46 16.91 | 1.95 -0.37 11.08 | 15.71 -0.40 -0.65 | 3.30 -0.21 6.19 | 8.62 -0.20 6.31 | -5.98 -0.28 26.04 | 12.18 -0.43 8.33 | 19.13 -0.41 0.62 | 19.67 0.02 -0.08 |
| HOLTSVILLE_IC_1 23690 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.01 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.62 -1.63 | 20.54 1.54 -2.83 | 62.15 1.86 -43.88 | 22.19 1.31 -7.49 | 20.17 1.32 -3.39 | 22.47 0.97 -11.79 | 22.77 1.60 -6.05 | 26.30 2.16 -3.79 | 22.98 2.03 -0.01 | 22.08 1.93 0.00 | 21.86 1.90 -0.38 |
| HOLTSVILLE_IC_10 23699 | 24.78 2.15 0.00 | 20.92 1.86 0.00 | 19.05 1.69 0.00 | 19.85 1.73 0.00 | 21.98 1.81 0.00 | 25.14 2.33 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.48 1.25 -16.47 | 22.78 2.08 -0.41 | 22.79 2.10 0.00 | 22.50 2.00 0.00 | 21.06 1.68 -1.63 | 20.61 1.60 -2.83 | 62.24 1.95 -43.88 | 22.28 1.39 -7.49 | 20.25 1.41 -3.39 | 22.53 1.03 -11.79 | 22.87 1.69 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.97 2.01 -0.38 |
| HOLTSVILLE_IC_2 23691 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.01 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.62 -1.63 | 20.54 1.54 -2.83 | 62.15 1.86 -43.88 | 22.19 1.31 -7.49 | 20.17 1.32 -3.39 | 22.47 0.97 -11.79 | 22.77 1.60 -6.05 | 26.30 2.16 -3.79 | 22.98 2.03 -0.01 | 22.08 1.93 0.00 | 21.86 1.90 -0.38 |
| HOLTSVILLE_IC_3 23692 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.01 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.62 -1.63 | 20.54 1.54 -2.83 | 62.15 1.86 -43.88 | 22.19 1.31 -7.49 | 20.17 1.32 -3.39 | 22.47 0.97 -11.79 | 22.77 1.60 -6.05 | 26.30 2.16 -3.79 | 22.98 2.03 -0.01 | 22.08 1.93 0.00 | 21.86 1.90 -0.38 |

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|-------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HOLTSVILLE_IC_4 23693 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.01 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.62 -1.63 | 20.54 1.54 -2.83 | 62.15 1.86 -43.88 | 22.19 1.31 -7.49 | 20.17 1.32 -3.39 | 22.47 0.97 -11.79 | 22.77 1.60 -6.05 | 26.30 2.16 -3.79 | 22.98 2.03 -0.01 | 22.08 1.93 0.00 | 21.86 1.90 -0.38 |
| HOLTSVILLE_IC_5 23694 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.01 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.62 -1.63 | 20.54 1.54 -2.83 | 62.15 1.86 -43.88 | 22.19 1.31 -7.49 | 20.17 1.32 -3.39 | 22.47 0.97 -11.79 | 22.77 1.60 -6.05 | 26.30 2.16 -3.79 | 22.98 2.03 -0.01 | 22.08 1.93 0.00 | 21.86 1.90 -0.38 |
| HOLTSVILLE_IC_6 23695 | 24.78 2.15 0.00 | 20.92 1.86 0.00 | 19.05 1.69 0.00 | 19.85 1.73 0.00 | 21.98 1.81 0.00 | 25.14 2.33 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.48 1.25 -16.47 | 22.78 2.08 -0.41 | 22.79 2.10 0.00 | 22.50 2.00 0.00 | 21.06 1.68 -1.63 | 20.61 1.60 -2.83 | 62.24 1.95 -43.88 | 22.28 1.39 -7.49 | 20.25 1.41 -3.39 | 22.53 1.03 -11.79 | 22.87 1.69 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.97 2.01 -0.38 |
| HOLTSVILLE_IC_7 23696 | 24.78 2.15 0.00 | 20.92 1.86 0.00 | 19.05 1.69 0.00 | 19.85 1.73 0.00 | 21.98 1.81 0.00 | 25.14 2.33 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.48 1.25 -16.47 | 22.78 2.08 -0.41 | 22.79 2.10 0.00 | 22.50 2.00 0.00 | 21.06 1.68 -1.63 | 20.61 1.60 -2.83 | 62.24 1.95 -43.88 | 22.28 1.39 -7.49 | 20.25 1.41 -3.39 | 22.53 1.03 -11.79 | 22.87 1.69 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.97 2.01 -0.38 |
| HOLTSVILLE_IC_8 23697 | 24.78 2.15 0.00 | 20.92 1.86 0.00 | 19.05 1.69 0.00 | 19.85 1.73 0.00 | 21.98 1.81 0.00 | 25.14 2.33 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.48 1.25 -16.47 | 22.78 2.08 -0.41 | 22.79 2.10 0.00 | 22.50 2.00 0.00 | 21.06 1.68 -1.63 | 20.61 1.60 -2.83 | 62.24 1.95 -43.88 | 22.28 1.39 -7.49 | 20.25 1.41 -3.39 | 22.53 1.03 -11.79 | 22.87 1.69 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.97 2.01 -0.38 |
| HOLTSVILLE_IC_9 23698 | 24.78 2.15 0.00 | 20.92 1.86 0.00 | 19.05 1.69 0.00 | 19.85 1.73 0.00 | 21.98 1.81 0.00 | 25.14 2.33 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.48 1.25 -16.47 | 22.78 2.08 -0.41 | 22.79 2.10 0.00 | 22.50 2.00 0.00 | 21.06 1.68 -1.63 | 20.61 1.60 -2.83 | 62.24 1.95 -43.88 | 22.28 1.39 -7.49 | 20.25 1.41 -3.39 | 22.53 1.03 -11.79 | 22.87 1.69 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.97 2.01 -0.38 |
| HOMER_HL_115KV_TB2 355744 | 24.24 1.25 -0.35 | 20.17 1.11 0.00 | 18.42 1.05 -0.01 | 19.39 1.27 -0.01 | 21.71 1.51 -0.02 | 24.35 1.54 0.00 | 27.65 1.46 0.01 | 27.85 1.78 -0.41 | 18.88 1.08 -2.25 | 18.21 0.84 -2.61 | 19.88 1.23 1.64 | 22.04 1.28 -0.07 | 21.65 1.09 -0.07 | 18.90 1.05 -0.11 | 17.56 0.74 -0.63 | 16.84 0.99 0.57 | 14.62 0.77 -0.46 | 16.77 0.63 -0.69 | 11.74 0.34 -1.70 | 16.63 0.75 -0.76 | 19.85 0.92 1.42 | 21.22 0.97 0.70 | 21.15 1.05 0.05 | 21.00 1.34 -0.08 |
| HOWARD_WT_PWR 323690 | 22.48 -0.15 0.00 | 18.96 -0.10 0.00 | 17.54 0.19 0.00 | 18.57 0.45 0.00 | 20.39 0.21 0.00 | 22.92 0.11 0.00 | 26.19 -0.22 -0.20 | 26.92 0.30 -0.96 | 18.25 0.26 -2.44 | 28.17 -0.10 -13.52 | 42.21 -0.26 -22.16 | 20.45 -0.24 0.00 | 20.20 -0.30 0.00 | 20.57 -0.18 -3.01 | 16.46 -0.37 -0.65 | 35.85 -0.32 -19.75 | 28.23 -0.04 -14.88 | 16.27 0.07 -0.75 | 21.44 0.13 -11.60 | 24.55 0.18 -9.24 | 49.86 0.18 -29.33 | 29.95 0.16 -8.85 | 20.96 0.15 -0.65 | 20.19 0.52 -0.09 |
| HQ_GEN_CEDARS 23644 | 13.74 -0.43 8.46 | 18.67 -0.39 0.00 | 17.34 -0.40 -0.39 | 17.88 -0.42 -0.19 | 20.55 -0.41 -0.79 | 22.31 -0.50 0.00 | 25.68 -0.53 0.00 | 25.12 -0.55 -0.02 | 15.24 -0.40 -0.09 | 16.31 -0.37 -1.93 | 22.05 -0.51 -2.27 | 22.52 -0.47 -2.30 | 22.37 -0.42 -2.29 | 19.10 -0.42 -1.77 | 15.92 -0.28 -0.02 | 16.15 -0.30 -0.04 | 13.22 -0.23 -0.06 | 15.24 -0.24 -0.03 | 9.63 -0.17 -0.10 | 14.86 -0.31 -0.05 | 19.98 -0.41 -0.03 | 20.57 -0.38 0.00 | 19.84 -0.32 0.00 | 19.20 -0.37 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 13.85 -0.44 8.35 | 18.67 -0.39 0.00 | 17.33 -0.40 -0.36 | 17.88 -0.42 -0.19 | 20.55 -0.41 -0.79 | 22.31 -0.50 0.00 | 25.68 -0.53 0.00 | 25.10 -0.55 0.00 | 15.15 -0.40 0.00 | 16.17 -0.37 -1.79 | 22.04 -0.52 -2.27 | 22.51 -0.47 -2.29 | 22.37 -0.42 -2.29 | 19.09 -0.41 -1.76 | 15.90 -0.29 0.00 | 16.12 -0.30 0.00 | 13.16 -0.23 0.00 | 15.21 -0.24 0.00 | 9.53 -0.17 0.00 | 14.82 -0.31 0.00 | 19.95 -0.41 0.00 | 20.56 -0.38 0.00 | 19.84 -0.32 0.00 | 19.20 -0.38 0.00 |
| HQ_GEN_IMPORT 323601 | 20.90 -0.30 1.43 | 18.81 -0.25 0.00 | 17.35 -0.23 -0.22 | 18.01 -0.25 -0.14 | 19.92 -0.25 0.00 | 22.47 -0.34 0.00 | 25.83 -0.37 0.00 | 25.27 -0.39 0.00 | 15.28 -0.26 0.00 | 14.51 -0.25 0.00 | 19.94 -0.35 0.00 | 20.38 -0.31 0.00 | 20.21 -0.28 0.00 | 17.48 -0.27 0.00 | 15.98 -0.20 0.00 | 16.20 -0.21 0.00 | 13.21 -0.18 0.00 | 15.26 -0.20 0.00 | 9.56 -0.14 0.00 | 14.86 -0.27 0.00 | 20.00 -0.36 0.00 | 20.62 -0.32 0.00 | 19.91 -0.25 0.00 | 19.30 -0.27 0.00 |
| HQ_GEN_WHEEL 23651 | 20.90 -0.30 1.43 | 18.81 -0.25 0.00 | 17.35 -0.23 -0.22 | 18.01 -0.25 -0.14 | 19.92 -0.25 0.00 | 22.47 -0.34 0.00 | 25.83 -0.37 0.00 | 25.27 -0.39 0.00 | 15.28 -0.26 0.00 | 14.51 -0.25 0.00 | 19.94 -0.35 0.00 | 20.38 -0.31 0.00 | 20.21 -0.28 0.00 | 17.48 -0.27 0.00 | 15.98 -0.20 0.00 | 16.20 -0.21 0.00 | 13.21 -0.18 0.00 | 15.26 -0.20 0.00 | 9.56 -0.14 0.00 | 14.86 -0.27 0.00 | 20.00 -0.36 0.00 | 20.62 -0.32 0.00 | 19.91 -0.25 0.00 | 19.30 -0.27 0.00 |
| HUDSON_AVE_GT_3 23810 | 24.40 1.77 0.00 | 20.60 1.54 0.00 | 18.76 1.41 0.00 | 19.58 1.47 0.00 | 21.72 1.55 0.00 | 24.63 1.82 0.00 | 28.40 2.18 -0.01 | 30.13 2.37 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.63 2.14 0.00 | 21.31 1.94 -1.63 | 20.73 1.72 -2.82 | 22.57 1.73 -4.42 | 22.21 1.32 -7.49 | 20.36 1.52 -3.39 | 22.46 0.97 -11.79 | 22.70 1.53 -6.05 | 26.20 2.07 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.70 1.74 -0.38 |
| HUDSON_AVE_GT_4 23540 | 24.40 1.77 0.00 | 20.60 1.54 0.00 | 18.76 1.41 0.00 | 19.58 1.47 0.00 | 21.72 1.55 0.00 | 24.63 1.82 0.00 | 28.40 2.18 -0.01 | 30.13 2.37 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.63 2.14 0.00 | 21.31 1.94 -1.63 | 20.73 1.72 -2.82 | 22.57 1.73 -4.42 | 22.21 1.32 -7.49 | 20.36 1.52 -3.39 | 22.46 0.97 -11.79 | 22.70 1.53 -6.05 | 26.20 2.07 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.70 1.74 -0.38 |
| HUDSON_AVE_GT_5 23657 | 24.40 1.77 0.00 | 20.60 1.54 0.00 | 18.76 1.41 0.00 | 19.58 1.47 0.00 | 21.72 1.55 0.00 | 24.63 1.82 0.00 | 28.40 2.18 -0.01 | 30.13 2.37 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.63 2.14 0.00 | 21.31 1.94 -1.63 | 20.73 1.72 -2.82 | 22.57 1.73 -4.42 | 22.21 1.32 -7.49 | 20.36 1.52 -3.39 | 22.46 0.97 -11.79 | 22.70 1.53 -6.05 | 26.20 2.07 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.70 1.74 -0.38 |

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|-------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| HUDSON_AVE_10 24168 | 24.42 1.69 -0.10 | 20.54 1.48 0.00 | 18.71 1.35 0.00 | 19.53 1.41 0.00 | 21.65 1.48 -0.01 | 24.55 1.74 0.00 | 28.31 2.09 -0.01 | 30.01 2.26 -2.10 | 28.04 1.45 -11.05 | 32.72 1.39 -16.57 | 22.91 2.00 -0.61 | 22.72 2.01 -0.02 | 22.57 2.05 -0.02 | 21.28 1.87 -1.67 | 20.66 1.66 -2.82 | 22.65 1.66 -4.57 | 22.26 1.27 -7.60 | 20.29 1.45 -3.39 | 22.49 0.93 -11.86 | 22.69 1.46 -6.10 | 26.35 1.98 -4.02 | 22.91 1.88 -0.09 | 21.91 1.75 0.00 | 21.60 1.64 -0.38 |
| HUDSON___115KV_TB 4 355613 | 23.60 0.89 -0.08 | 19.79 0.73 0.00 | 18.04 0.68 0.00 | 18.80 0.68 0.00 | 20.91 0.73 -0.01 | 23.81 1.00 0.00 | 27.48 1.26 -0.01 | 29.35 1.31 -2.38 | 28.93 0.79 -12.59 | 34.42 0.81 -18.85 | 21.92 0.99 -0.63 | 21.69 0.98 -0.02 | 21.47 0.95 -0.02 | 19.98 0.79 -1.45 | 19.94 0.72 -3.04 | 22.23 0.73 -5.09 | 22.72 0.70 -8.63 | 20.06 0.77 -3.85 | 23.73 0.53 -13.50 | 22.78 0.84 -6.81 | 26.00 1.14 -4.51 | 22.21 1.20 -0.07 | 21.20 1.04 -0.01 | 20.94 0.92 -0.45 |
| HUNTER MOUNT___DRP 323613 | 23.62 0.90 -0.09 | 19.78 0.72 0.00 | 18.05 0.70 0.00 | 18.79 0.68 0.00 | 20.91 0.74 -0.01 | 23.89 1.08 0.00 | 27.55 1.33 -0.01 | 29.34 1.36 -2.33 | 28.69 0.81 -12.33 | 34.05 0.82 -18.47 | 21.89 0.97 -0.63 | 21.66 0.95 -0.02 | 21.44 0.93 -0.02 | 19.97 0.74 -1.48 | 19.84 0.66 -3.00 | 22.11 0.69 -5.00 | 22.56 0.71 -8.46 | 19.99 0.76 -3.77 | 23.46 0.53 -13.22 | 22.64 0.83 -6.68 | 25.93 1.15 -4.43 | 22.25 1.24 -0.08 | 21.23 1.07 -0.01 | 20.96 0.95 -0.44 |
| HUNTINGTON_RES_REC 323705 | 24.71 2.08 0.00 | 20.85 1.79 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.74 0.00 | 25.05 2.24 0.00 | 28.69 2.48 -0.01 | 30.30 2.54 -2.10 | 28.07 1.48 -11.05 | 32.49 1.26 -16.47 | 22.78 2.07 -0.41 | 22.79 2.10 0.00 | 22.51 2.01 0.00 | 21.09 1.72 -1.63 | 20.63 1.63 -2.83 | 62.23 1.94 -43.88 | 22.25 1.37 -7.49 | 20.25 1.41 -3.39 | 22.52 1.03 -11.79 | 22.85 1.68 -6.05 | 26.41 2.27 -3.79 | 23.08 2.13 -0.01 | 22.16 2.00 0.00 | 21.93 1.98 -0.38 |
| HUNTLEY___63 23557 | 22.97 -0.02 -0.36 | 19.13 0.07 0.00 | 17.45 0.09 -0.01 | 18.32 0.19 -0.01 | 20.47 0.27 -0.02 | 23.06 0.25 0.00 | 26.01 -0.17 0.03 | 25.97 0.01 -0.30 | 17.59 0.13 -1.92 | 14.35 -0.10 0.31 | 13.03 -0.19 7.08 | 20.37 -0.39 -0.07 | 19.99 -0.57 -0.07 | 16.61 -0.54 0.59 | 15.88 -0.75 -0.45 | 10.65 -0.46 5.30 | 9.94 -0.45 3.01 | 15.44 -0.60 -0.59 | 8.52 -0.33 0.86 | 13.43 -0.45 1.25 | 11.35 -0.50 8.50 | 17.40 -0.68 2.86 | 19.32 -0.62 0.21 | 19.50 -0.15 -0.07 |
| HUNTLEY___64 23558 | 22.97 -0.02 -0.36 | 19.13 0.07 0.00 | 17.45 0.09 -0.01 | 18.32 0.19 -0.01 | 20.47 0.27 -0.02 | 23.06 0.25 0.00 | 26.01 -0.17 0.03 | 25.97 0.01 -0.30 | 17.59 0.13 -1.92 | 14.35 -0.10 0.31 | 13.03 -0.19 7.08 | 20.37 -0.39 -0.07 | 19.99 -0.57 -0.07 | 16.61 -0.54 0.59 | 15.88 -0.75 -0.45 | 10.65 -0.46 5.30 | 9.94 -0.45 3.01 | 15.44 -0.60 -0.59 | 8.52 -0.33 0.86 | 13.43 -0.45 1.25 | 11.35 -0.50 8.50 | 17.40 -0.68 2.86 | 19.32 -0.62 0.21 | 19.50 -0.15 -0.07 |
| HUNTLEY___65 23559 | 22.97 -0.02 -0.36 | 19.13 0.07 0.00 | 17.45 0.09 -0.01 | 18.32 0.19 -0.01 | 20.47 0.27 -0.02 | 23.06 0.25 0.00 | 26.01 -0.17 0.03 | 25.97 0.01 -0.30 | 17.59 0.13 -1.92 | 14.35 -0.10 0.31 | 13.03 -0.19 7.08 | 20.37 -0.39 -0.07 | 19.99 -0.57 -0.07 | 16.61 -0.54 0.59 | 15.88 -0.75 -0.45 | 10.65 -0.46 5.30 | 9.94 -0.45 3.01 | 15.44 -0.60 -0.59 | 8.52 -0.33 0.86 | 13.43 -0.45 1.25 | 11.35 -0.50 8.50 | 17.40 -0.68 2.86 | 19.32 -0.62 0.21 | 19.50 -0.15 -0.07 |
| HUNTLEY___66 23560 | 22.97 -0.02 -0.36 | 19.13 0.07 0.00 | 17.45 0.09 -0.01 | 18.32 0.19 -0.01 | 20.47 0.27 -0.02 | 23.06 0.25 0.00 | 26.01 -0.17 0.03 | 25.97 0.01 -0.30 | 17.59 0.13 -1.92 | 14.35 -0.10 0.31 | 13.03 -0.19 7.08 | 20.37 -0.39 -0.07 | 19.99 -0.57 -0.07 | 16.61 -0.54 0.59 | 15.88 -0.75 -0.45 | 10.65 -0.46 5.30 | 9.94 -0.45 3.01 | 15.44 -0.60 -0.59 | 8.52 -0.33 0.86 | 13.43 -0.45 1.25 | 11.35 -0.50 8.50 | 17.40 -0.68 2.86 | 19.32 -0.62 0.21 | 19.50 -0.15 -0.07 |
| HUNTLEY___67 23561 | 22.85 -0.15 -0.36 | 19.03 -0.03 0.00 | 17.37 0.00 -0.01 | 18.23 0.10 -0.01 | 20.37 0.18 -0.02 | 22.95 0.14 0.00 | 25.90 -0.28 0.03 | 25.88 -0.07 -0.30 | 17.55 0.06 -1.95 | 13.81 -0.20 0.75 | 11.79 -0.37 8.14 | 20.30 -0.45 -0.07 | 19.95 -0.62 -0.07 | 16.42 -0.60 0.72 | 15.86 -0.78 -0.45 | 9.71 -0.56 6.15 | 9.24 -0.52 3.63 | 15.39 -0.66 -0.60 | 8.07 -0.39 1.24 | 13.08 -0.52 1.53 | 10.00 -0.67 9.69 | 16.85 -0.82 3.27 | 19.21 -0.71 0.24 | 19.42 -0.22 -0.07 |
| HUNTLEY___68 23562 | 22.85 -0.15 -0.36 | 19.03 -0.03 0.00 | 17.37 0.00 -0.01 | 18.23 0.10 -0.01 | 20.37 0.18 -0.02 | 22.95 0.14 0.00 | 25.90 -0.28 0.03 | 25.88 -0.07 -0.30 | 17.55 0.06 -1.95 | 13.81 -0.20 0.75 | 11.79 -0.37 8.14 | 20.30 -0.45 -0.07 | 19.95 -0.62 -0.07 | 16.42 -0.60 0.72 | 15.86 -0.78 -0.45 | 9.71 -0.56 6.15 | 9.24 -0.52 3.63 | 15.39 -0.66 -0.60 | 8.07 -0.39 1.24 | 13.08 -0.52 1.53 | 10.00 -0.67 9.69 | 16.85 -0.82 3.27 | 19.21 -0.71 0.24 | 19.42 -0.22 -0.07 |
| HYLAND___LFGE 323620 | 23.62 0.99 0.00 | 19.89 0.83 0.00 | 18.23 0.88 0.00 | 19.10 0.98 0.00 | 21.14 0.97 0.00 | 23.86 1.05 0.00 | 27.21 0.78 -0.22 | 27.54 0.93 -0.95 | 18.13 0.50 -2.09 | 28.72 -0.09 -14.04 | 44.62 -0.18 -24.50 | 20.37 -0.32 0.00 | 20.47 -0.02 0.00 | 21.01 0.02 -3.25 | 16.85 0.11 -0.56 | 38.09 0.08 -21.59 | 29.55 0.12 -16.04 | 16.34 0.25 -0.64 | 22.24 0.37 -12.16 | 25.72 0.71 -9.89 | 53.60 1.08 -32.17 | 31.66 0.96 -9.76 | 21.74 0.86 -0.72 | 20.91 1.26 -0.08 |
| INDECK___CORINTH 23802 | 23.82 1.19 0.00 | 20.00 0.95 0.00 | 18.18 0.82 0.00 | 18.89 0.77 0.00 | 21.07 0.90 0.00 | 24.11 1.30 0.00 | 27.81 1.59 -0.01 | 29.87 1.67 -2.55 | 29.99 1.02 -13.42 | 35.81 1.03 -20.01 | 22.17 1.37 -0.49 | 22.07 1.38 0.00 | 21.80 1.30 0.00 | 20.29 1.08 -1.47 | 20.38 0.98 -3.22 | 22.72 1.03 -5.27 | 23.33 0.83 -9.11 | 20.60 1.05 -4.10 | 24.75 0.72 -14.32 | 23.39 1.08 -7.18 | 26.43 1.48 -4.60 | 22.39 1.43 -0.01 | 21.47 1.31 0.00 | 21.31 1.26 -0.48 |
| INDECK___ILION 23567 | 23.11 0.05 -0.42 | 19.06 0.00 0.00 | 17.32 -0.05 -0.02 | 18.06 -0.07 -0.01 | 20.10 -0.11 -0.04 | 22.76 -0.05 0.00 | 26.25 0.04 0.00 | 25.81 0.11 -0.04 | 15.83 0.09 -0.20 | 15.34 0.15 -0.43 | 20.69 0.22 -0.18 | 21.00 0.17 -0.14 | 20.72 0.08 -0.14 | 18.01 0.14 -0.14 | 16.31 0.07 -0.05 | 16.59 0.07 -0.10 | 13.62 0.08 -0.15 | 15.58 0.06 -0.06 | 9.98 0.05 -0.23 | 15.43 0.19 -0.12 | 20.72 0.26 -0.10 | 21.20 0.24 -0.01 | 20.30 0.14 0.00 | 19.67 0.08 -0.01 |
| INDECK___OLEAN 23982 | 23.90 1.27 0.00 | 20.17 1.11 0.00 | 18.43 1.07 0.00 | 19.39 1.27 0.00 | 21.69 1.51 0.00 | 24.37 1.56 0.00 | 27.71 1.51 0.01 | 27.81 1.76 -0.39 | 18.88 1.08 -2.25 | 18.20 0.88 -2.56 | 19.92 1.32 1.71 | 21.99 1.30 0.00 | 21.62 1.13 0.00 | 18.76 1.05 0.03 | 17.44 0.76 -0.50 | 16.67 1.01 0.76 | 14.45 0.80 -0.26 | 16.65 0.63 -0.57 | 11.58 0.35 -1.52 | 16.09 0.75 -0.22 | 19.48 0.93 1.81 | 20.81 0.99 1.12 | 20.88 1.05 0.32 | 20.79 1.35 0.13 |
| INDECK___OSWEGO 23783 | 23.37 -0.30 -1.04 | 18.79 -0.27 0.00 | 17.07 -0.28 0.00 | 17.84 -0.28 0.00 | 19.88 -0.30 0.00 | 22.50 -0.31 0.00 | 25.81 -0.40 0.00 | 25.41 -0.41 -0.17 | 16.22 -0.24 -0.91 | 15.86 -0.25 -1.35 | 20.00 -0.34 -0.03 | 20.31 -0.38 0.00 | 20.10 -0.39 0.00 | 17.51 -0.34 -0.11 | 16.06 -0.34 -0.22 | 16.43 -0.34 -0.36 | 13.75 -0.25 -0.62 | 15.46 -0.27 -0.28 | 10.52 -0.15 -0.97 | 15.41 -0.21 -0.49 | 20.38 -0.28 -0.31 | 20.60 -0.34 0.00 | 19.80 -0.36 0.00 | 19.30 -0.31 -0.03 |

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|-------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| INDECK___YERKES 23781 | 22.65 0.02 0.00 | 19.15 0.09 0.00 | 17.47 0.12 0.00 | 18.33 0.22 0.00 | 20.47 0.30 0.00 | 23.11 0.30 0.00 | 26.07 -0.08 0.06 | 25.86 -0.01 -0.21 | 17.61 0.15 -1.92 | 14.36 -0.03 0.37 | 13.10 -0.05 7.15 | 20.35 -0.33 0.00 | 19.99 -0.50 0.00 | 16.54 -0.50 0.71 | 15.85 -0.71 -0.38 | 10.55 -0.42 5.44 | 9.87 -0.38 3.14 | 15.38 -0.59 -0.51 | 8.43 -0.31 0.97 | 12.97 -0.41 1.75 | 11.16 -0.45 8.74 | 17.17 -0.64 3.12 | 19.18 -0.60 0.38 | 19.38 -0.13 0.06 |
| INDIAN POINT_GT_1 24139 | 24.22 1.58 0.00 | 20.44 1.38 0.00 | 18.59 1.24 0.00 | 19.42 1.30 0.00 | 21.54 1.36 0.00 | 24.43 1.62 0.00 | 28.17 1.95 -0.01 | 29.88 2.14 -2.08 | 27.84 1.31 -10.98 | 32.40 1.27 -16.37 | 22.57 1.86 -0.40 | 22.55 1.86 0.00 | 22.38 1.88 0.00 | 21.07 1.71 -1.62 | 20.51 1.52 -2.81 | 22.35 1.54 -4.39 | 22.02 1.18 -7.45 | 20.17 1.35 -3.37 | 22.29 0.87 -11.72 | 22.51 1.38 -6.01 | 25.97 1.86 -3.76 | 22.73 1.78 -0.01 | 21.80 1.64 0.00 | 21.52 1.56 -0.38 |
| INDIAN POINT_GT_2 23659 | 24.22 1.58 0.00 | 20.44 1.38 0.00 | 18.59 1.24 0.00 | 19.42 1.30 0.00 | 21.54 1.36 0.00 | 24.43 1.62 0.00 | 28.17 1.95 -0.01 | 29.88 2.14 -2.08 | 27.84 1.31 -10.98 | 32.40 1.27 -16.37 | 22.57 1.86 -0.40 | 22.55 1.86 0.00 | 22.38 1.88 0.00 | 21.07 1.71 -1.62 | 20.51 1.52 -2.81 | 22.35 1.54 -4.39 | 22.02 1.18 -7.45 | 20.17 1.35 -3.37 | 22.29 0.87 -11.72 | 22.51 1.38 -6.01 | 25.97 1.86 -3.76 | 22.73 1.78 -0.01 | 21.80 1.64 0.00 | 21.52 1.56 -0.38 |
| INDIAN POINT_GT_3 24019 | 24.22 1.58 0.00 | 20.44 1.38 0.00 | 18.59 1.24 0.00 | 19.42 1.30 0.00 | 21.54 1.36 0.00 | 24.43 1.62 0.00 | 28.17 1.95 -0.01 | 29.88 2.14 -2.08 | 27.84 1.31 -10.98 | 32.40 1.27 -16.37 | 22.57 1.86 -0.40 | 22.55 1.86 0.00 | 22.38 1.88 0.00 | 21.07 1.71 -1.62 | 20.51 1.52 -2.81 | 22.35 1.54 -4.39 | 22.02 1.18 -7.45 | 20.17 1.35 -3.37 | 22.29 0.87 -11.72 | 22.51 1.38 -6.01 | 25.97 1.86 -3.76 | 22.73 1.78 -0.01 | 21.80 1.64 0.00 | 21.52 1.56 -0.38 |
| INDIAN POINT___2 23530 | 24.19 1.56 0.00 | 20.41 1.35 0.00 | 18.57 1.21 0.00 | 19.39 1.27 0.00 | 21.51 1.34 0.00 | 24.41 1.60 0.00 | 28.14 1.92 -0.01 | 29.82 2.09 -2.07 | 27.73 1.29 -10.89 | 32.25 1.25 -16.24 | 22.53 1.83 -0.40 | 22.51 1.82 0.00 | 22.35 1.86 0.00 | 21.03 1.69 -1.61 | 20.47 1.50 -2.78 | 22.29 1.52 -4.36 | 21.94 1.16 -7.39 | 20.12 1.33 -3.34 | 22.19 0.86 -11.62 | 22.44 1.36 -5.96 | 25.92 1.84 -3.73 | 22.71 1.76 -0.01 | 21.77 1.61 0.00 | 21.50 1.54 -0.38 |
| INDIAN POINT___3 23531 | 24.28 1.55 -0.10 | 20.40 1.35 0.00 | 18.57 1.21 0.00 | 19.39 1.27 0.00 | 21.51 1.33 -0.01 | 24.41 1.60 0.00 | 28.15 1.93 -0.01 | 29.82 2.08 -2.08 | 27.81 1.29 -10.98 | 32.48 1.26 -16.47 | 22.74 1.84 -0.61 | 22.53 1.82 -0.02 | 22.36 1.85 -0.02 | 21.08 1.68 -1.66 | 20.49 1.50 -2.81 | 22.47 1.51 -4.55 | 22.11 1.16 -7.56 | 20.15 1.32 -3.37 | 22.35 0.85 -11.79 | 22.55 1.36 -6.07 | 26.18 1.83 -4.00 | 22.78 1.76 -0.09 | 21.77 1.61 -0.01 | 21.49 1.53 -0.38 |
| INGHAM_C_115KV_TB7 356103 | 22.93 -0.13 -0.42 | 18.85 -0.21 0.00 | 17.09 -0.29 -0.02 | 17.78 -0.35 -0.01 | 19.75 -0.46 -0.04 | 22.46 -0.35 0.00 | 26.06 -0.15 0.00 | 25.73 0.03 -0.04 | 15.78 0.03 -0.20 | 15.37 0.19 -0.43 | 20.74 0.26 -0.18 | 20.97 0.14 -0.14 | 20.62 -0.01 -0.14 | 18.00 0.12 -0.14 | 16.25 0.02 -0.05 | 16.53 0.01 -0.10 | 13.58 0.04 -0.15 | 15.49 -0.02 -0.06 | 9.93 -0.01 -0.23 | 15.48 0.23 -0.12 | 20.79 0.33 -0.10 | 21.27 0.32 -0.01 | 20.27 0.12 0.00 | 19.57 -0.01 -0.01 |
| IP CORINTH___1 23988 | 23.90 1.19 -0.08 | 20.01 0.95 0.00 | 18.19 0.84 0.00 | 18.89 0.77 0.00 | 21.07 0.90 -0.01 | 24.12 1.31 0.00 | 27.81 1.59 -0.01 | 29.87 1.67 -2.54 | 29.99 1.02 -13.42 | 35.88 1.03 -20.09 | 22.33 1.37 -0.65 | 22.08 1.38 -0.02 | 21.81 1.30 -0.02 | 20.32 1.08 -1.50 | 20.38 0.98 -3.22 | 22.84 1.03 -5.40 | 23.41 0.83 -9.19 | 20.60 1.05 -4.10 | 24.81 0.72 -14.38 | 23.44 1.08 -7.24 | 26.62 1.48 -4.78 | 22.45 1.43 -0.07 | 21.47 1.31 0.00 | 21.31 1.26 -0.48 |
| IP___TICONDEROGA 23804 | 24.92 2.20 -0.08 | 20.81 1.75 0.00 | 18.82 1.46 0.00 | 19.60 1.48 0.00 | 22.01 1.83 -0.01 | 25.35 2.54 0.00 | 29.18 2.96 -0.01 | 31.24 3.05 -2.54 | 30.72 1.77 -13.40 | 36.59 1.76 -20.06 | 23.35 2.40 -0.65 | 23.29 2.59 -0.02 | 22.86 2.35 -0.02 | 21.14 1.90 -1.50 | 21.05 1.65 -3.22 | 23.60 1.79 -5.39 | 23.98 1.41 -9.18 | 21.40 1.85 -4.09 | 25.37 1.30 -14.36 | 24.29 1.94 -7.23 | 27.73 2.60 -4.78 | 23.47 2.45 -0.07 | 22.49 2.33 0.00 | 22.50 2.44 -0.48 |
| ISLIP_RES_REC 323679 | 24.86 2.22 0.00 | 20.97 1.92 0.00 | 19.10 1.74 0.00 | 19.90 1.78 0.00 | 22.05 1.87 0.00 | 25.23 2.42 0.00 | 28.84 2.63 -0.01 | 30.44 2.68 -2.10 | 28.14 1.55 -11.05 | 32.53 1.30 -16.47 | 22.85 2.14 -0.41 | 22.85 2.16 0.00 | 22.56 2.07 0.00 | 21.11 1.74 -1.63 | 20.65 1.65 -2.83 | 62.32 2.03 -43.88 | 22.34 1.45 -7.49 | 20.31 1.47 -3.39 | 22.58 1.08 -11.79 | 22.94 1.77 -6.05 | 26.54 2.41 -3.79 | 23.20 2.25 -0.01 | 22.29 2.13 0.00 | 22.04 2.08 -0.38 |
| JAMAICA__27_KV_LOAD 355505 | 24.49 1.76 -0.10 | 20.62 1.56 0.00 | 18.77 1.42 0.00 | 19.62 1.50 0.00 | 21.75 1.57 -0.01 | 24.63 1.82 0.00 | 28.42 2.20 -0.01 | 30.13 2.38 -2.10 | 28.14 1.55 -11.05 | 32.80 1.48 -16.57 | 22.96 2.06 -0.61 | 22.78 2.07 -0.02 | 22.65 2.14 -0.02 | 21.37 1.95 -1.67 | 20.73 1.72 -2.82 | 22.72 1.73 -4.57 | 22.32 1.33 -7.60 | 20.36 1.52 -3.39 | 22.53 0.96 -11.86 | 22.75 1.52 -6.10 | 26.44 2.07 -4.02 | 23.01 1.98 -0.09 | 22.00 1.84 0.00 | 21.59 1.63 -0.38 |
| JANIS___SOLAR 323808 | 23.67 1.03 0.00 | 19.94 0.88 0.00 | 18.16 0.81 0.00 | 19.01 0.90 0.00 | 21.25 1.07 0.00 | 24.17 1.36 0.00 | 27.86 1.64 -0.02 | 27.95 1.70 -0.60 | 19.54 1.01 -2.98 | 20.65 0.72 -5.17 | 22.95 0.92 -1.73 | 21.57 0.89 0.00 | 21.29 0.79 0.00 | 18.90 0.59 -0.57 | 17.34 0.42 -0.74 | 19.38 0.40 -2.56 | 16.73 0.34 -3.00 | 16.98 0.62 -0.91 | 14.05 0.49 -3.85 | 18.35 1.03 -2.19 | 24.89 1.40 -3.13 | 22.83 1.24 -0.66 | 21.27 1.07 -0.05 | 20.75 1.07 -0.11 |
| JARVIS____ 23743 | 22.70 0.07 0.00 | 19.11 0.05 0.00 | 17.39 0.03 0.00 | 18.15 0.03 0.00 | 20.20 0.02 0.00 | 22.85 0.05 0.00 | 26.26 0.06 0.00 | 25.75 0.05 -0.04 | 15.80 0.06 -0.20 | 15.13 0.07 -0.30 | 20.41 0.10 -0.01 | 20.78 0.09 0.00 | 20.57 0.08 0.00 | 17.84 0.08 -0.02 | 16.29 0.06 -0.05 | 16.56 0.07 -0.08 | 13.59 0.06 -0.14 | 15.58 0.06 -0.06 | 9.97 0.04 -0.21 | 15.33 0.09 -0.11 | 20.54 0.12 -0.07 | 21.04 0.10 0.00 | 20.24 0.08 0.00 | 19.66 0.07 -0.01 |
| JENNISON___1 23625 | 24.17 1.26 -0.28 | 20.13 1.08 0.00 | 18.34 0.98 -0.01 | 19.22 1.09 0.00 | 21.46 1.26 -0.02 | 24.36 1.55 0.00 | 28.10 1.88 -0.01 | 28.39 1.97 -0.76 | 20.54 1.20 -3.79 | 21.89 1.04 -6.09 | 22.73 1.35 -1.08 | 22.11 1.37 -0.06 | 21.80 1.25 -0.06 | 19.39 1.03 -0.62 | 17.95 0.83 -0.93 | 19.48 0.82 -2.25 | 17.18 0.69 -3.10 | 17.48 0.86 -1.16 | 14.74 0.63 -4.40 | 18.62 1.18 -2.32 | 24.38 1.59 -2.45 | 22.75 1.45 -0.36 | 21.48 1.30 -0.03 | 20.99 1.27 -0.14 |
| JENNISON___2 23626 | 24.17 1.26 -0.28 | 20.13 1.08 0.00 | 18.34 0.98 -0.01 | 19.22 1.09 0.00 | 21.46 1.26 -0.02 | 24.36 1.55 0.00 | 28.10 1.88 -0.01 | 28.39 1.97 -0.76 | 20.54 1.20 -3.79 | 21.89 1.04 -6.09 | 22.73 1.35 -1.08 | 22.11 1.37 -0.06 | 21.80 1.25 -0.06 | 19.39 1.03 -0.62 | 17.95 0.83 -0.93 | 19.48 0.82 -2.25 | 17.18 0.69 -3.10 | 17.48 0.86 -1.16 | 14.74 0.63 -4.40 | 18.62 1.18 -2.32 | 24.38 1.59 -2.45 | 22.75 1.45 -0.36 | 21.48 1.30 -0.03 | 20.99 1.27 -0.14 |

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|---|--------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| JERICO_RISE_WT_PWR 323719 | -16.77 -1.33 38.07 | 17.97 -1.09 0.00 | 9.76 -1.06 6.54 | 13.59 -1.13 3.41 | 5.11 -0.99 14.08 | 22.61 -0.20 0.00 | 26.08 -0.13 0.00 | 25.35 -0.31 0.00 | 14.83 -0.72 0.00 | -20.27 -0.77 34.26 | -24.03 -1.07 43.26 | -24.05 -1.02 43.71 | -24.17 -0.97 43.70 | -16.77 -0.87 33.64 | 15.79 -0.39 0.00 | 16.02 -0.39 0.00 | 13.09 -0.30 0.00 | 15.26 -0.19 0.00 | 9.61 -0.10 0.00 | 14.98 -0.15 0.00 | 20.27 -0.08 0.00 | 20.75 -0.19 0.00 | 19.92 -0.24 0.00 | 19.43 -0.15 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 24.39 1.66 -0.10 | 20.50 1.44 0.00 | 18.66 1.30 0.00 | 19.48 1.36 0.00 | 21.62 1.44 -0.01 | 24.55 1.74 0.00 | 28.33 2.11 -0.01 | 30.04 2.28 -2.11 | 28.09 1.41 -11.13 | 32.81 1.36 -16.69 | 22.88 1.97 -0.61 | 22.68 1.97 -0.02 | 22.51 2.00 -0.02 | 21.24 1.81 -1.69 | 20.64 1.61 -2.85 | 22.63 1.62 -4.60 | 22.30 1.25 -7.66 | 20.31 1.44 -3.42 | 22.59 0.93 -11.95 | 22.75 1.47 -6.15 | 26.39 1.99 -4.05 | 22.93 1.90 -0.09 | 21.90 1.74 -0.01 | 21.60 1.64 -0.39 |
| KCE_NY_1 323755 | 23.86 1.23 0.00 | 20.04 0.98 0.00 | 18.23 0.87 0.00 | 19.01 0.89 0.00 | 21.18 1.01 0.00 | 24.16 1.35 0.00 | 27.85 1.63 -0.01 | 29.88 1.69 -2.54 | 29.96 1.03 -13.38 | 35.74 1.03 -19.95 | 22.18 1.38 -0.49 | 22.04 1.35 0.00 | 21.82 1.32 0.00 | 20.35 1.15 -1.47 | 20.42 1.03 -3.21 | 22.74 1.07 -5.26 | 23.35 0.88 -9.08 | 20.57 1.03 -4.08 | 24.68 0.69 -14.28 | 23.35 1.06 -7.16 | 26.38 1.44 -4.58 | 22.39 1.44 -0.01 | 21.48 1.32 0.00 | 21.30 1.25 -0.48 |
| KCE_NY_6_ESR 323823 | 22.82 0.19 0.00 | 19.28 0.22 0.00 | 17.61 0.25 0.00 | 18.48 0.36 0.00 | 20.62 0.45 0.00 | 23.29 0.48 0.00 | 26.32 0.18 0.07 | 26.16 0.31 -0.19 | 17.88 0.31 -2.02 | 13.91 0.06 0.91 | 11.67 0.05 8.67 | 20.62 -0.07 0.00 | 20.27 -0.22 0.00 | 16.59 -0.27 0.88 | 16.08 -0.47 -0.37 | 9.45 -0.27 6.70 | 9.13 -0.27 3.99 | 15.61 -0.38 -0.54 | 8.01 -0.21 1.48 | 12.68 -0.21 2.24 | 9.46 -0.26 10.63 | 16.81 -0.39 3.74 | 19.39 -0.34 0.44 | 19.63 0.12 0.07 |
| KEDC_PORT_JEFF_GT2 24210 | 24.75 2.12 0.00 | 20.90 1.84 0.00 | 19.02 1.67 0.00 | 19.83 1.71 0.00 | 21.96 1.79 0.00 | 25.09 2.28 0.00 | 28.69 2.47 -0.01 | 30.29 2.53 -2.10 | 28.06 1.46 -11.05 | 32.46 1.23 -16.47 | 22.75 2.04 -0.41 | 22.76 2.07 0.00 | 22.47 1.98 0.00 | 21.03 1.66 -1.63 | 20.59 1.58 -2.83 | 62.21 1.92 -43.88 | 22.25 1.37 -7.49 | 20.22 1.38 -3.39 | 22.51 1.01 -11.79 | 22.83 1.66 -6.05 | 26.40 2.26 -3.79 | 23.06 2.11 -0.01 | 22.16 2.00 0.00 | 21.93 1.97 -0.38 |
| KEDC_PORT_JEFF_GT3 24211 | 24.75 2.12 0.00 | 20.90 1.84 0.00 | 19.02 1.67 0.00 | 19.83 1.71 0.00 | 21.96 1.79 0.00 | 25.09 2.28 0.00 | 28.69 2.47 -0.01 | 30.29 2.53 -2.10 | 28.06 1.46 -11.05 | 32.46 1.23 -16.47 | 22.75 2.04 -0.41 | 22.76 2.07 0.00 | 22.47 1.98 0.00 | 21.03 1.66 -1.63 | 20.59 1.58 -2.83 | 62.21 1.92 -43.88 | 22.25 1.37 -7.49 | 20.22 1.38 -3.39 | 22.51 1.01 -11.79 | 22.83 1.66 -6.05 | 26.40 2.26 -3.79 | 23.06 2.11 -0.01 | 22.16 2.00 0.00 | 21.93 1.97 -0.38 |
| KEDC_GLWD_GT4 24219 | 24.53 1.89 0.00 | 20.69 1.64 0.00 | 18.83 1.48 0.00 | 19.65 1.53 0.00 | 21.79 1.62 0.00 | 24.79 1.98 0.00 | 28.52 2.30 -0.01 | 30.20 2.45 -2.10 | 28.07 1.47 -11.05 | 32.60 1.37 -16.47 | 22.83 2.13 -0.41 | 22.85 2.16 0.00 | 22.64 2.14 0.00 | 21.28 1.90 -1.63 | 20.74 1.74 -2.83 | 62.15 1.86 -43.88 | 22.19 1.30 -7.49 | 20.28 1.44 -3.39 | 22.46 0.97 -11.79 | 22.73 1.55 -6.05 | 26.23 2.09 -3.79 | 22.94 1.99 -0.01 | 21.99 1.83 0.00 | 21.81 1.85 -0.38 |
| KEDC_GLWD_GT5 24220 | 24.53 1.89 0.00 | 20.69 1.64 0.00 | 18.83 1.48 0.00 | 19.65 1.53 0.00 | 21.79 1.62 0.00 | 24.79 1.98 0.00 | 28.52 2.30 -0.01 | 30.20 2.45 -2.10 | 28.07 1.47 -11.05 | 32.60 1.37 -16.47 | 22.83 2.13 -0.41 | 22.85 2.16 0.00 | 22.64 2.14 0.00 | 21.28 1.90 -1.63 | 20.74 1.74 -2.83 | 62.15 1.86 -43.88 | 22.19 1.30 -7.49 | 20.28 1.44 -3.39 | 22.46 0.97 -11.79 | 22.73 1.55 -6.05 | 26.23 2.09 -3.79 | 22.94 1.99 -0.01 | 21.99 1.83 0.00 | 21.81 1.85 -0.38 |
| KENSICO____ 23655 | 24.35 1.62 -0.10 | 20.47 1.41 0.00 | 18.64 1.28 0.00 | 19.45 1.33 0.00 | 21.58 1.40 -0.01 | 24.48 1.67 0.00 | 28.24 2.02 -0.01 | 29.92 2.17 -2.09 | 27.92 1.35 -11.03 | 32.61 1.32 -16.54 | 22.83 1.92 -0.61 | 22.61 1.91 -0.02 | 22.46 1.94 -0.02 | 21.17 1.76 -1.67 | 20.57 1.57 -2.82 | 22.56 1.58 -4.56 | 22.20 1.22 -7.59 | 20.23 1.39 -3.38 | 22.44 0.89 -11.84 | 22.63 1.42 -6.09 | 26.28 1.91 -4.02 | 22.85 1.83 -0.09 | 21.85 1.69 -0.01 | 21.56 1.60 -0.38 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 24.60 1.86 -0.10 | 20.69 1.63 0.00 | 18.81 1.46 0.00 | 19.67 1.55 0.00 | 21.82 1.64 -0.01 | 24.69 1.88 0.00 | 28.51 2.29 -0.01 | 30.16 2.48 -2.02 | 27.76 1.50 -10.71 | 32.18 1.35 -16.07 | 22.87 1.97 -0.60 | 22.67 1.96 -0.02 | 22.52 2.00 -0.02 | 21.19 1.88 -1.56 | 20.53 1.64 -2.72 | 22.53 1.68 -4.43 | 22.03 1.26 -7.38 | 20.30 1.56 -3.28 | 22.23 1.01 -11.51 | 22.64 1.61 -5.90 | 26.46 2.19 -3.92 | 23.12 2.09 -0.09 | 22.06 1.90 -0.01 | 21.75 1.80 -0.38 |
| KIAC_JFK_GT1 23816 | 24.26 1.63 0.00 | 20.51 1.45 0.00 | 18.67 1.32 0.00 | 19.51 1.39 0.00 | 21.62 1.45 0.00 | 24.45 1.64 0.00 | 28.17 1.95 -0.01 | 29.91 2.16 -2.10 | 28.00 1.41 -11.05 | 32.57 1.34 -16.47 | 22.57 1.87 -0.41 | 22.61 1.93 0.00 | 22.53 2.04 0.00 | 21.24 1.86 -1.63 | 20.65 1.64 -2.82 | 22.49 1.65 -4.42 | 22.10 1.22 -7.49 | 20.22 1.38 -3.39 | 22.37 0.88 -11.79 | 22.56 1.38 -6.05 | 26.02 1.88 -3.79 | 22.74 1.79 -0.01 | 21.88 1.73 0.00 | 21.48 1.53 -0.38 |
| KIAC_JFK_GT2 23817 | 24.26 1.63 0.00 | 20.51 1.45 0.00 | 18.67 1.32 0.00 | 19.51 1.39 0.00 | 21.62 1.45 0.00 | 24.45 1.64 0.00 | 28.17 1.95 -0.01 | 29.91 2.16 -2.10 | 28.00 1.41 -11.05 | 32.57 1.34 -16.47 | 22.57 1.87 -0.41 | 22.61 1.93 0.00 | 22.53 2.04 0.00 | 21.24 1.86 -1.63 | 20.65 1.64 -2.82 | 22.49 1.65 -4.42 | 22.10 1.22 -7.49 | 20.22 1.38 -3.39 | 22.37 0.88 -11.79 | 22.56 1.38 -6.05 | 26.02 1.88 -3.79 | 22.74 1.79 -0.01 | 21.88 1.73 0.00 | 21.48 1.53 -0.38 |
| KIAC_JFK____ 323774 | 24.26 1.63 0.00 | 20.51 1.45 0.00 | 18.67 1.32 0.00 | 19.51 1.39 0.00 | 21.62 1.45 0.00 | 24.45 1.64 0.00 | 28.17 1.95 -0.01 | 29.91 2.16 -2.10 | 28.00 1.41 -11.05 | 32.57 1.34 -16.47 | 22.57 1.87 -0.41 | 22.61 1.93 0.00 | 22.53 2.04 0.00 | 21.24 1.86 -1.63 | 20.65 1.64 -2.82 | 22.49 1.65 -4.42 | 22.10 1.22 -7.49 | 20.22 1.38 -3.39 | 22.37 0.88 -11.79 | 22.56 1.38 -6.05 | 26.02 1.88 -3.79 | 22.74 1.79 -0.01 | 21.88 1.73 0.00 | 21.48 1.53 -0.38 |
| KINTIGH____ 23543 | 22.79 -0.21 -0.36 | 18.97 -0.09 0.00 | 17.30 -0.06 -0.01 | 18.14 0.02 -0.01 | 20.28 0.08 -0.02 | 22.85 0.04 0.00 | 25.86 -0.34 0.02 | 25.81 -0.13 -0.29 | 17.30 0.01 -1.75 | 15.18 -0.22 -0.64 | 15.51 -0.40 4.39 | 20.27 -0.49 -0.07 | 19.92 -0.64 -0.07 | 16.84 -0.62 0.29 | 15.85 -0.74 -0.42 | 12.73 -0.55 3.13 | 11.35 -0.53 1.51 | 15.31 -0.67 -0.53 | 9.34 -0.39 -0.03 | 14.05 -0.55 0.53 | 14.38 -0.70 5.27 | 18.25 -0.89 1.81 | 19.26 -0.77 0.13 | 19.31 -0.33 -0.06 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | -15.76 -1.07 37.33 | 18.17 -0.88 0.00 | 10.04 -0.91 6.40 | 13.88 -1.01 3.23 | 5.94 -0.88 13.35 | 22.80 -0.01 0.00 | 26.38 0.17 0.00 | 26.17 0.50 -0.01 | 15.30 -0.32 -0.07 | -18.48 -0.56 32.68 | -21.89 -0.78 41.41 | -21.95 -0.71 41.92 | -22.00 -0.68 41.82 | -15.09 -0.65 32.18 | 16.01 -0.19 -0.02 | 16.29 -0.15 -0.03 | 13.35 -0.09 -0.05 | 15.55 0.08 -0.02 | 9.89 0.11 -0.08 | 15.40 0.24 -0.04 | 20.80 0.43 -0.03 | 21.28 0.34 0.00 | 20.40 0.24 0.00 | 19.97 0.39 0.00 |

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|------------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| LACHUTE___HYDRO 323717 | 24.84 2.20 0.00 | 20.81 1.75 0.00 | 18.81 1.45 0.00 | 19.59 1.48 0.00 | 22.00 1.83 0.00 | 25.35 2.54 0.00 | 29.18 2.96 -0.01 | 31.25 3.05 -2.55 | 30.72 1.77 -13.40 | 36.51 1.77 -19.99 | 23.19 2.39 -0.49 | 23.28 2.59 0.00 | 22.84 2.35 0.00 | 21.11 1.90 -1.47 | 21.05 1.65 -3.22 | 23.47 1.79 -5.27 | 23.90 1.41 -9.09 | 21.40 1.85 -4.09 | 25.32 1.30 -14.31 | 24.24 1.94 -7.17 | 27.55 2.60 -4.59 | 23.41 2.45 -0.01 | 22.49 2.33 0.00 | 22.49 2.44 -0.48 |
| LAWRNCAV_115KV_TB1 80681 | 12.26 -0.96 9.42 | 18.20 -0.86 0.00 | 17.39 -0.87 -0.91 | 17.66 -0.92 -0.46 | 21.14 -0.93 -1.90 | 21.79 -1.02 0.00 | 25.11 -1.10 0.00 | 24.57 -1.11 -0.03 | 14.91 -0.77 -0.14 | 18.54 -0.74 -4.52 | 24.76 -1.00 -5.46 | 25.24 -0.96 -5.51 | 25.08 -0.92 -5.50 | 21.13 -0.86 -4.25 | 15.56 -0.65 -0.04 | 15.81 -0.67 -0.07 | 12.98 -0.52 -0.10 | 14.95 -0.54 -0.04 | 9.50 -0.36 -0.15 | 14.61 -0.59 -0.08 | 19.65 -0.76 -0.06 | 20.17 -0.78 -0.01 | 19.43 -0.72 0.00 | 18.78 -0.80 -0.01 |
| LEDERLE___ 23769 | 24.39 1.66 -0.10 | 20.49 1.43 0.00 | 18.64 1.28 0.00 | 19.47 1.35 0.00 | 21.61 1.43 -0.01 | 24.50 1.69 0.00 | 28.27 2.05 -0.01 | 29.91 2.20 -2.05 | 27.70 1.35 -10.80 | 32.28 1.32 -16.20 | 22.85 1.94 -0.60 | 22.63 1.93 -0.02 | 22.47 1.95 -0.02 | 21.14 1.77 -1.63 | 20.52 1.58 -2.76 | 22.48 1.59 -4.48 | 22.06 1.23 -7.44 | 20.17 1.40 -3.31 | 22.21 0.91 -11.60 | 22.53 1.44 -5.97 | 26.24 1.94 -3.94 | 22.89 1.86 -0.09 | 21.86 1.70 -0.01 | 21.58 1.63 -0.38 |
| LIGHTHSE_115KV_TB6 355974 | 25.17 -0.31 -2.85 | 18.66 -0.39 0.00 | 16.90 -0.53 -0.08 | 17.59 -0.58 -0.05 | 19.78 -0.57 -0.18 | 22.24 -0.57 0.00 | 25.56 -0.65 0.00 | 25.16 -0.65 -0.16 | 16.01 -0.38 -0.84 | 16.05 -0.40 -1.69 | 20.36 -0.52 -0.59 | 20.63 -0.60 -0.54 | 20.39 -0.64 -0.53 | 17.70 -0.56 -0.52 | 15.92 -0.46 -0.21 | 16.29 -0.48 -0.36 | 13.66 -0.32 -0.59 | 15.44 -0.28 -0.26 | 10.47 -0.15 -0.91 | 15.41 -0.18 -0.46 | 20.47 -0.20 -0.32 | 20.68 -0.27 -0.01 | 19.79 -0.37 0.00 | 19.19 -0.41 -0.03 |
| LINDEN COGEN___ 23786 | 24.26 1.62 0.00 | 20.48 1.42 0.00 | 18.66 1.31 0.00 | 19.48 1.36 0.00 | 21.61 1.44 0.00 | 24.51 1.70 0.00 | 28.25 2.03 -0.01 | 29.97 2.22 -2.10 | 27.97 1.38 -11.05 | 32.57 1.34 -16.47 | 22.65 1.94 -0.41 | 22.63 1.94 0.00 | 22.48 1.99 0.00 | 21.18 1.81 -1.63 | 20.60 1.60 -2.82 | 22.45 1.61 -4.42 | 22.12 1.23 -7.49 | 20.25 1.40 -3.39 | 22.39 0.90 -11.79 | 22.59 1.42 -6.05 | 26.06 1.93 -3.79 | 22.79 1.84 -0.01 | 21.87 1.71 0.00 | 21.57 1.61 -0.38 |
| LINDHRST_69_KV_BK1 356055 | 24.92 2.19 -0.10 | 20.94 1.88 0.00 | 19.07 1.72 0.00 | 19.87 1.74 0.00 | 22.02 1.84 -0.01 | 25.12 2.31 0.00 | 28.83 2.61 -0.01 | 30.40 2.65 -2.10 | 28.16 1.56 -11.05 | 32.69 1.36 -16.57 | 23.12 2.21 -0.61 | 22.96 2.25 -0.02 | 22.69 2.17 -0.02 | 21.28 1.86 -1.67 | 20.77 1.76 -2.83 | 62.52 2.08 -44.03 | 22.44 1.45 -7.60 | 20.33 1.49 -3.39 | 22.64 1.07 -11.86 | 22.97 1.74 -6.10 | 26.74 2.37 -4.02 | 23.28 2.26 -0.09 | 22.28 2.12 -0.01 | 22.05 2.09 -0.38 |
| LIPA_MISC_IPP 23656 | 24.74 2.01 -0.10 | 20.82 1.76 0.00 | 18.96 1.61 0.00 | 19.76 1.64 0.00 | 21.90 1.72 -0.01 | 24.94 2.13 0.00 | 28.45 2.23 -0.01 | 30.01 2.26 -2.10 | 27.89 1.29 -11.05 | 32.39 1.06 -16.57 | 22.73 1.82 -0.61 | 22.54 1.83 -0.02 | 22.25 1.74 -0.02 | 20.86 1.45 -1.67 | 20.39 1.39 -2.83 | 62.17 1.73 -44.03 | 22.23 1.24 -7.60 | 20.05 1.20 -3.39 | 22.47 0.91 -11.86 | 22.74 1.51 -6.10 | 26.42 2.04 -4.02 | 22.92 1.90 -0.09 | 21.97 1.81 -0.01 | 21.74 1.78 -0.38 |
| LISF___SOLAR 323691 | 24.66 2.03 0.00 | 20.85 1.79 0.00 | 18.97 1.62 0.00 | 19.79 1.66 0.00 | 21.91 1.74 0.00 | 24.93 2.12 0.00 | 28.44 2.22 -0.01 | 30.04 2.28 -2.10 | 27.89 1.29 -11.05 | 32.27 1.04 -16.47 | 22.48 1.78 -0.41 | 22.49 1.80 0.00 | 22.19 1.70 0.00 | 20.79 1.41 -1.63 | 20.37 1.36 -2.83 | 62.02 1.72 -43.88 | 22.11 1.22 -7.49 | 20.04 1.20 -3.39 | 22.40 0.91 -11.79 | 22.68 1.51 -6.05 | 26.19 2.05 -3.79 | 22.86 1.91 -0.01 | 21.98 1.82 0.00 | 21.75 1.79 -0.38 |
| LITTLE FALLS___HYD 24013 | 22.93 -0.13 -0.42 | 18.85 -0.21 0.00 | 17.09 -0.29 -0.02 | 17.78 -0.35 -0.01 | 19.75 -0.46 -0.04 | 22.46 -0.35 0.00 | 26.06 -0.15 0.00 | 25.73 0.03 -0.04 | 15.78 0.03 -0.20 | 15.37 0.19 -0.43 | 20.74 0.26 -0.18 | 20.97 0.14 -0.14 | 20.62 -0.01 -0.14 | 18.00 0.12 -0.14 | 16.25 0.02 -0.05 | 16.53 0.01 -0.10 | 13.58 0.04 -0.15 | 15.49 -0.02 -0.06 | 9.93 -0.01 -0.23 | 15.48 0.23 -0.12 | 20.79 0.33 -0.10 | 21.27 0.32 -0.01 | 20.27 0.12 0.00 | 19.57 -0.01 -0.01 |
| LITTLRIV_115KV_TB1 356100 | 12.35 -0.71 9.57 | 18.40 -0.66 0.00 | 17.65 -0.70 -0.99 | 17.90 -0.72 -0.50 | 21.55 -0.71 -2.08 | 21.98 -0.83 0.00 | 25.37 -0.84 0.00 | 24.85 -0.84 -0.03 | 15.07 -0.62 -0.15 | 19.10 -0.60 -4.95 | 25.48 -0.80 -5.98 | 25.98 -0.75 -6.04 | 25.80 -0.72 -6.02 | 21.69 -0.71 -4.66 | 15.71 -0.51 -0.04 | 15.95 -0.54 -0.07 | 13.09 -0.41 -0.11 | 15.09 -0.41 -0.05 | 9.60 -0.27 -0.16 | 14.76 -0.45 -0.08 | 19.86 -0.56 -0.07 | 20.37 -0.58 -0.01 | 19.63 -0.53 0.00 | 18.95 -0.63 -0.01 |
| LI_NEWBRDGE___DRP 323616 | 24.60 1.87 -0.10 | 20.67 1.61 0.00 | 18.82 1.46 0.00 | 19.62 1.50 0.00 | 21.75 1.57 -0.01 | 24.77 1.96 0.00 | 28.45 2.23 -0.01 | 30.04 2.29 -2.10 | 27.95 1.36 -11.05 | 32.53 1.20 -16.57 | 22.89 1.98 -0.61 | 22.72 2.02 -0.02 | 22.48 1.96 -0.02 | 21.12 1.70 -1.67 | 20.59 1.59 -2.83 | 62.25 1.81 -44.03 | 22.25 1.26 -7.60 | 20.17 1.33 -3.39 | 22.51 0.94 -11.86 | 22.75 1.53 -6.10 | 26.43 2.06 -4.02 | 22.96 1.94 -0.09 | 21.96 1.80 -0.01 | 21.74 1.79 -0.38 |
| LOCKPORT_115KV_TB60_63_64 80432 | 22.73 -0.26 -0.37 | 18.93 -0.13 0.00 | 17.27 -0.09 -0.01 | 18.12 -0.01 -0.01 | 20.25 0.05 -0.02 | 22.80 -0.01 0.00 | 25.70 -0.49 0.02 | 25.71 -0.25 -0.30 | 17.39 -0.01 -1.86 | 14.54 -0.24 -0.02 | 13.76 -0.42 6.12 | 20.20 -0.56 -0.07 | 19.83 -0.73 -0.07 | 16.54 -0.72 0.48 | 15.70 -0.92 -0.43 | 11.26 -0.63 4.52 | 10.31 -0.60 2.48 | 15.22 -0.80 -0.57 | 8.73 -0.43 0.55 | 13.51 -0.63 0.99 | 12.27 -0.74 7.34 | 17.47 -0.98 2.49 | 19.11 -0.86 0.18 | 19.29 -0.36 -0.07 |
| LOCKPORT___CC1 323769 | 22.39 -0.24 0.00 | 18.94 -0.12 0.00 | 17.28 -0.07 0.00 | 18.12 0.00 0.00 | 20.24 0.07 0.00 | 22.83 0.02 0.00 | 25.73 -0.42 0.06 | 25.58 -0.28 -0.21 | 17.40 -0.02 -1.87 | 14.34 -0.20 0.21 | 13.36 -0.32 6.62 | 20.16 -0.53 0.00 | 19.80 -0.69 0.00 | 16.40 -0.70 0.64 | 15.67 -0.88 -0.37 | 10.77 -0.62 5.02 | 9.99 -0.56 2.85 | 15.16 -0.79 -0.50 | 8.48 -0.42 0.81 | 12.94 -0.60 1.59 | 11.51 -0.72 8.11 | 17.09 -0.96 2.89 | 18.95 -0.86 0.35 | 19.17 -0.35 0.05 |
| LOCKPORT___CC2 323770 | 22.39 -0.24 0.00 | 18.94 -0.12 0.00 | 17.28 -0.07 0.00 | 18.12 0.00 0.00 | 20.24 0.07 0.00 | 22.83 0.02 0.00 | 25.73 -0.42 0.06 | 25.58 -0.28 -0.21 | 17.40 -0.02 0.21 | 14.34 -0.20 0.21 | 13.36 -0.32 6.62 | 20.16 -0.53 0.00 | 19.80 -0.69 0.00 | 16.40 -0.70 0.64 | 15.67 -0.88 -0.37 | 10.77 -0.62 5.02 | 9.99 -0.56 2.85 | 15.16 -0.79 -0.50 | 8.48 -0.42 0.81 | 12.94 -0.60 1.59 | 11.51 -0.72 8.11 | 17.09 -0.96 2.89 | 18.95 -0.86 0.35 | 19.17 -0.35 0.05 |
| LOCKPORT___CC3 323771 | 22.39 -0.24 0.00 | 18.94 -0.12 0.00 | 17.28 -0.07 0.00 | 18.12 0.00 0.00 | 20.24 0.07 0.00 | 22.83 0.02 0.00 | 25.73 -0.42 0.06 | 25.58 -0.28 -0.21 | 17.40 -0.02 0.21 | 14.34 -0.20 0.21 | 13.36 -0.32 6.62 | 20.16 -0.53 0.00 | 19.80 -0.69 0.00 | 16.40 -0.70 0.64 | 15.67 -0.88 -0.37 | 10.77 -0.62 5.02 | 9.99 -0.56 2.85 | 15.16 -0.79 -0.50 | 8.48 -0.42 0.81 | 12.94 -0.60 1.59 | 11.51 -0.72 8.11 | 17.09 -0.96 2.89 | 18.95 -0.86 0.35 | 19.17 -0.35 0.05 |

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|---------------------------------------|-------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| LONG_LAKE_PHOENIX 24014 | 23.30 -0.19 -0.86 | 18.89 -0.17 0.00 | 17.20 -0.17 -0.02 | 17.98 -0.16 -0.01 | 20.07 -0.16 -0.06 | 22.65 -0.16 0.00 | 25.99 -0.22 0.00 | 25.61 -0.23 -0.18 | 16.35 -0.13 -0.93 | 16.15 -0.15 -1.53 | 20.31 -0.21 -0.22 | 20.61 -0.24 -0.17 | 20.40 -0.26 -0.17 | 17.76 -0.23 -0.25 | 16.17 -0.24 -0.23 | 16.57 -0.24 -0.39 | 13.86 -0.18 -0.65 | 15.55 -0.19 -0.29 | 10.61 -0.11 -1.01 | 15.52 -0.12 -0.51 | 20.53 -0.17 -0.35 | 20.72 -0.23 -0.01 | 19.90 -0.26 0.00 | 19.41 -0.20 -0.03 |
| LOVETT___3 23632 | 24.28 1.55 -0.10 | 20.40 1.34 0.00 | 18.55 1.20 0.00 | 19.38 1.26 0.00 | 21.51 1.33 -0.01 | 24.39 1.58 0.00 | 28.13 1.92 -0.01 | 29.78 2.06 -2.06 | 27.64 1.27 -10.83 | 32.24 1.24 -16.24 | 22.73 1.83 -0.60 | 22.51 1.80 -0.02 | 22.36 1.84 -0.02 | 21.04 1.67 -1.63 | 20.44 1.49 -2.77 | 22.40 1.50 -4.49 | 22.00 1.15 -7.45 | 20.09 1.31 -3.32 | 22.18 0.85 -11.63 | 22.46 1.35 -5.98 | 26.12 1.82 -3.95 | 22.77 1.74 -0.09 | 21.76 1.59 -0.01 | 21.48 1.53 -0.38 |
| LOVETT___4 23642 | 24.28 1.55 -0.10 | 20.40 1.34 0.00 | 18.55 1.20 0.00 | 19.38 1.26 0.00 | 21.51 1.33 -0.01 | 24.39 1.58 0.00 | 28.13 1.92 -0.01 | 29.78 2.06 -2.06 | 27.64 1.27 -10.83 | 32.24 1.24 -16.24 | 22.73 1.83 -0.60 | 22.51 1.80 -0.02 | 22.36 1.84 -0.02 | 21.04 1.67 -1.63 | 20.44 1.49 -2.77 | 22.40 1.50 -4.49 | 22.00 1.15 -7.45 | 20.09 1.31 -3.32 | 22.18 0.85 -11.63 | 22.46 1.35 -5.98 | 26.12 1.82 -3.95 | 22.77 1.74 -0.09 | 21.76 1.59 -0.01 | 21.48 1.53 -0.38 |
| LOVETT___5 23593 | 24.28 1.55 -0.10 | 20.40 1.34 0.00 | 18.55 1.20 0.00 | 19.38 1.26 0.00 | 21.51 1.33 -0.01 | 24.39 1.58 0.00 | 28.13 1.92 -0.01 | 29.78 2.06 -2.06 | 27.64 1.27 -10.83 | 32.24 1.24 -16.24 | 22.73 1.83 -0.60 | 22.51 1.80 -0.02 | 22.36 1.84 -0.02 | 21.04 1.67 -1.63 | 20.44 1.49 -2.77 | 22.40 1.50 -4.49 | 22.00 1.15 -7.45 | 20.09 1.31 -3.32 | 22.18 0.85 -11.63 | 22.46 1.35 -5.98 | 26.12 1.82 -3.95 | 22.77 1.74 -0.09 | 21.76 1.59 -0.01 | 21.48 1.53 -0.38 |
| LOWER RAQUET___HYD 24057 | 11.91 -1.12 9.60 | 18.05 -1.01 0.00 | 17.38 -1.02 -1.05 | 17.59 -1.08 -0.54 | 21.32 -1.10 -2.25 | 21.61 -1.20 0.00 | 24.93 -1.28 0.00 | 24.37 -1.29 0.00 | 14.65 -0.89 0.00 | 19.01 -0.85 -5.11 | 25.60 -1.16 -6.45 | 26.09 -1.12 -6.52 | 25.94 -1.08 -6.52 | 21.76 -1.00 -5.02 | 15.41 -0.77 0.00 | 15.62 -0.80 0.00 | 12.78 -0.61 0.00 | 14.82 -0.64 0.00 | 9.28 -0.42 0.00 | 14.45 -0.68 0.00 | 19.47 -0.88 0.00 | 20.04 -0.90 0.00 | 19.30 -0.85 0.00 | 18.64 -0.93 0.00 |
| LOWER___HUDSON 24059 | 23.57 0.94 0.00 | 19.84 0.78 0.00 | 18.04 0.69 0.00 | 18.82 0.70 0.00 | 20.94 0.77 0.00 | 23.80 0.99 0.00 | 27.42 1.20 -0.01 | 29.41 1.26 -2.49 | 29.43 0.76 -13.13 | 35.12 0.79 -19.57 | 21.86 1.07 -0.48 | 21.71 1.02 0.00 | 21.51 1.02 0.00 | 20.09 0.91 -1.44 | 20.14 0.81 -3.15 | 22.40 0.83 -5.16 | 22.98 0.68 -8.90 | 20.21 0.75 -4.01 | 24.22 0.50 -14.01 | 22.93 0.78 -7.03 | 25.90 1.05 -4.50 | 22.06 1.11 -0.01 | 21.17 1.01 0.00 | 20.98 0.93 -0.47 |
| LOWVILLE_115KV_TB2 356335 | 30.24 -0.06 -7.67 | 18.67 -0.39 0.00 | 16.73 -0.86 -0.23 | 17.34 -0.90 -0.12 | 19.87 -0.80 -0.50 | 21.92 -0.89 0.00 | 25.18 -1.03 0.00 | 24.72 -1.03 -0.09 | 15.42 -0.58 -0.45 | 16.04 -0.56 -1.84 | 21.14 -0.67 -1.50 | 21.37 -0.78 -1.46 | 21.13 -0.81 -1.45 | 18.27 -0.65 -1.18 | 15.95 -0.34 -0.11 | 16.29 -0.35 -0.22 | 13.56 -0.17 -0.34 | 15.56 -0.03 -0.14 | 10.21 0.00 -0.51 | 15.47 0.08 -0.26 | 20.72 0.15 -0.22 | 21.02 0.06 -0.02 | 19.98 -0.17 0.00 | 19.21 -0.38 -0.02 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 23.94 1.23 -0.08 | 20.05 1.00 0.00 | 18.25 0.90 0.00 | 19.02 0.90 0.00 | 21.19 1.01 -0.01 | 24.15 1.34 0.00 | 27.83 1.61 -0.01 | 29.86 1.66 -2.54 | 29.95 1.02 -13.38 | 35.81 1.02 -20.03 | 22.32 1.37 -0.65 | 22.04 1.33 -0.02 | 21.82 1.31 -0.02 | 20.37 1.14 -1.50 | 20.41 1.02 -3.21 | 22.86 1.05 -5.38 | 23.42 0.87 -9.16 | 20.56 1.02 -4.08 | 24.72 0.68 -14.34 | 23.39 1.05 -7.21 | 26.55 1.43 -4.77 | 22.44 1.43 -0.07 | 21.47 1.30 0.00 | 21.29 1.24 -0.48 |
| LUTHERNY_35_KV_BK2 355980 | 23.94 1.23 -0.08 | 20.04 0.98 0.00 | 18.24 0.88 0.00 | 19.01 0.89 0.00 | 21.19 1.01 -0.01 | 24.16 1.35 0.00 | 27.86 1.64 -0.01 | 29.87 1.68 -2.54 | 29.96 1.03 -13.38 | 35.82 1.03 -20.03 | 22.33 1.38 -0.65 | 22.05 1.35 -0.02 | 21.84 1.33 -0.02 | 20.38 1.15 -1.50 | 20.42 1.03 -3.21 | 22.87 1.07 -5.38 | 23.43 0.88 -9.16 | 20.57 1.03 -4.08 | 24.73 0.69 -14.34 | 23.40 1.06 -7.21 | 26.56 1.44 -4.77 | 22.45 1.44 -0.07 | 21.48 1.32 0.00 | 21.30 1.25 -0.48 |
| LWR___OSWEGATCHIE_HYD 23850 | 3.19 -0.95 18.50 | 18.09 -0.97 0.00 | 17.04 -1.12 -0.81 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.15 -0.87 -4.26 | 24.05 -1.15 -4.90 | 24.44 -1.17 -4.93 | 24.25 -1.16 -4.92 | 20.50 -1.06 -3.82 | 15.40 -0.84 -0.06 | 15.68 -0.86 -0.13 | 13.00 -0.59 -0.19 | 14.95 -0.58 -0.08 | 9.61 -0.39 -0.30 | 14.73 -0.55 -0.15 | 19.77 -0.70 -0.12 | 20.14 -0.81 -0.01 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| LYONS_FALL_HYD 23570 | 27.79 0.10 -5.06 | 18.93 -0.13 0.00 | 17.06 -0.45 -0.15 | 17.74 -0.46 -0.08 | 20.12 -0.38 -0.33 | 22.37 -0.44 0.00 | 25.72 -0.49 0.00 | 25.26 -0.48 -0.08 | 15.73 -0.24 -0.43 | 15.92 -0.24 -1.40 | 21.02 -0.27 -0.99 | 21.32 -0.34 -0.98 | 21.10 -0.38 -0.98 | 18.25 -0.30 -0.80 | 16.16 -0.12 -0.10 | 16.46 -0.12 -0.17 | 13.68 0.00 -0.29 | 15.67 0.09 -0.13 | 10.24 0.08 -0.46 | 15.54 0.19 -0.23 | 20.79 0.29 -0.15 | 21.15 0.21 0.00 | 20.19 0.04 0.00 | 19.49 -0.10 -0.02 |
| MADISON___COUNTY_LFGE 323628 | 24.57 0.49 -1.45 | 19.44 0.38 0.00 | 17.66 0.26 -0.05 | 18.45 0.30 -0.02 | 20.66 0.39 -0.10 | 23.24 0.43 0.00 | 26.75 0.54 0.00 | 26.39 0.59 -0.13 | 16.64 0.46 -0.64 | 16.43 0.39 -1.27 | 21.31 0.52 -0.49 | 21.56 0.53 -0.34 | 21.32 0.48 -0.34 | 18.47 0.37 -0.36 | 16.66 0.32 -0.15 | 17.09 0.31 -0.36 | 14.22 0.32 -0.51 | 16.05 0.40 -0.19 | 10.70 0.27 -0.73 | 16.05 0.54 -0.39 | 21.46 0.72 -0.38 | 21.66 0.66 -0.05 | 20.72 0.56 0.00 | 20.11 0.51 -0.02 |
| MALONE___115KV_TB1 356076 | 29.44 -1.06 -7.86 | 18.16 -0.90 0.00 | 20.74 -0.89 -4.27 | 19.36 -0.95 -2.19 | 28.39 -0.83 -9.05 | 22.59 -0.22 0.00 | 26.07 -0.14 0.00 | 25.41 -0.27 -0.02 | 15.07 -0.58 -0.10 | 34.84 -0.60 -20.69 | 45.42 -0.82 -25.94 | 46.16 -0.78 -26.25 | 45.97 -0.73 -26.20 | 37.23 -0.69 -20.18 | 15.91 -0.30 -0.02 | 16.14 -0.31 -0.04 | 13.23 -0.22 -0.07 | 15.36 -0.12 -0.03 | 9.75 -0.06 -0.11 | 15.09 -0.09 -0.05 | 20.37 -0.02 -0.03 | 20.83 -0.10 0.00 | 20.00 -0.16 0.00 | 19.44 -0.14 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 23.69 0.98 -0.08 | 19.87 0.81 0.00 | 18.09 0.73 0.00 | 18.87 0.75 0.00 | 20.99 0.81 -0.01 | 23.85 1.03 0.00 | 27.50 1.28 -0.01 | 29.47 1.34 -2.46 | 29.42 0.83 -13.05 | 35.14 0.85 -19.53 | 22.09 1.15 -0.64 | 21.79 1.08 -0.02 | 21.61 1.10 -0.02 | 20.17 0.97 -1.46 | 20.17 0.86 -3.13 | 22.57 0.90 -5.26 | 23.08 0.75 -8.94 | 20.28 0.84 -3.98 | 24.23 0.54 -13.98 | 23.01 0.85 -7.03 | 26.16 1.15 -4.66 | 22.20 1.19 -0.07 | 21.23 1.07 -0.01 | 21.01 0.97 -0.46 |
| MAPLE RIDGE_WT_1 323574 | 18.53 -0.49 3.61 | 18.46 -0.60 0.00 | 16.44 -0.91 0.00 | -25.20 -1.21 42.11 | 14.35 -1.06 4.77 | 21.65 -1.16 0.00 | 24.88 -1.33 0.00 | 24.35 -1.30 0.00 | 14.73 -0.82 0.00 | 14.04 -0.72 0.00 | 19.40 -0.90 0.00 | 19.86 -0.83 0.00 | 19.80 -0.69 0.00 | 17.21 -0.53 0.00 | 15.74 -0.45 0.00 | 16.08 -0.34 0.00 | 13.21 -0.18 0.00 | 15.20 -0.26 0.00 | 9.53 -0.17 0.00 | 14.85 -0.28 0.00 | 19.93 -0.42 0.00 | 20.43 -0.51 0.00 | 19.65 -0.51 0.00 | 19.00 -0.57 0.00 |

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|--|--------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| MAPLE_RIDGE_WT_2 323611 | 18.53 -0.49 3.61 | 18.46 -0.60 0.00 | 16.44 -0.91 0.00 | -25.20 -1.21 42.11 | 14.35 -1.06 4.77 | 21.65 -1.16 0.00 | 24.88 -1.33 0.00 | 24.35 -1.30 0.00 | 14.73 -0.82 0.00 | 14.04 -0.72 0.00 | 19.40 -0.90 0.00 | 19.86 -0.83 0.00 | 19.80 -0.69 0.00 | 17.21 -0.53 0.00 | 15.74 -0.45 0.00 | 16.08 -0.34 0.00 | 13.21 -0.18 0.00 | 15.20 -0.26 0.00 | 9.53 -0.17 0.00 | 14.85 -0.28 0.00 | 19.93 -0.42 0.00 | 20.43 -0.51 0.00 | 19.65 -0.51 0.00 | 19.00 -0.57 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | -14.19 -1.29 35.53 | 17.98 -1.08 0.00 | 10.21 -1.06 6.08 | 13.82 -1.13 3.17 | 6.06 -1.01 13.10 | 22.65 -0.16 0.00 | 26.13 -0.07 0.00 | 25.37 -0.28 0.00 | 14.81 -0.74 0.00 | -17.96 -0.75 31.97 | -21.09 -1.01 40.37 | -21.07 -0.97 40.80 | -21.19 -0.91 40.78 | -14.54 -0.90 31.39 | 15.80 -0.38 0.00 | 16.01 -0.41 0.00 | 13.08 -0.31 0.00 | 15.26 -0.19 0.00 | 9.60 -0.11 0.00 | 14.98 -0.15 0.00 | 20.28 -0.07 0.00 | 20.76 -0.18 0.00 | 19.92 -0.23 0.00 | 19.43 -0.15 0.00 |
| MARSHVLE_115KV_TB1 80742 | 24.40 1.66 -0.10 | 20.37 1.31 0.00 | 18.46 1.10 0.00 | 19.30 1.18 0.00 | 21.51 1.32 -0.01 | 24.45 1.64 0.00 | 28.15 1.92 -0.02 | 30.46 1.83 -2.98 | 32.22 1.07 -15.61 | 39.20 1.06 -23.38 | 22.40 1.29 -0.81 | 21.90 1.19 -0.02 | 21.75 1.23 -0.02 | 20.50 0.99 -1.77 | 20.83 0.90 -3.75 | 23.76 1.02 -6.32 | 24.94 0.83 -10.71 | 21.29 1.07 -4.76 | 27.11 0.67 -16.74 | 24.65 1.09 -8.43 | 27.50 1.53 -5.62 | 22.48 1.44 -0.10 | 21.49 1.32 -0.01 | 21.48 1.35 -0.56 |
| MARSH_HILL_WT_PWR 323713 | 22.46 -0.17 0.00 | 18.94 -0.12 0.00 | 17.52 0.16 0.00 | 18.55 0.43 0.00 | 20.35 0.17 0.00 | 22.88 0.07 0.00 | 26.16 -0.27 -0.22 | 26.89 0.23 -1.01 | 18.18 0.22 -2.41 | 29.00 -0.14 -14.38 | 44.17 -0.31 -24.17 | 20.41 -0.28 0.00 | 20.13 -0.36 0.00 | 20.78 -0.21 -3.25 | 16.43 -0.40 -0.65 | 37.51 -0.35 -21.45 | 29.37 -0.09 -16.07 | 16.23 0.04 -0.74 | 22.20 0.11 -12.39 | 25.22 0.15 -9.95 | 52.39 0.14 -31.90 | 30.70 0.12 -9.65 | 20.97 0.10 -0.71 | 20.14 0.47 -0.09 |
| MCINTYRE_115KV_TB2 80467 | 12.94 -0.35 9.34 | 18.70 -0.35 0.00 | 17.82 -0.40 -0.86 | 18.15 -0.40 -0.44 | 21.61 -0.37 -1.80 | 22.36 -0.45 0.00 | 25.80 -0.40 0.00 | 25.27 -0.41 -0.03 | 15.33 -0.35 -0.13 | 18.71 -0.35 -4.31 | 25.04 -0.45 -5.19 | 25.53 -0.40 -5.24 | 25.35 -0.37 -5.23 | 21.37 -0.42 -4.04 | 15.95 -0.26 -0.03 | 16.19 -0.29 -0.06 | 13.28 -0.21 -0.10 | 15.31 -0.19 -0.04 | 9.72 -0.13 -0.15 | 14.96 -0.25 -0.08 | 20.13 -0.28 -0.06 | 20.68 -0.26 0.00 | 19.93 -0.23 0.00 | 19.24 -0.34 -0.01 |
| MECO____69_KV_BK1 80468 | 25.01 2.28 -0.09 | 20.91 1.85 0.00 | 18.91 1.55 0.00 | 19.83 1.70 0.00 | 22.14 1.96 -0.01 | 24.93 2.12 0.00 | 28.81 2.59 -0.02 | 31.08 2.58 -2.84 | 31.98 1.50 -14.93 | 38.61 1.49 -22.37 | 22.59 1.53 -0.76 | 21.88 1.18 -0.02 | 21.89 1.38 -0.02 | 20.84 1.42 -1.68 | 20.85 1.08 -3.59 | 23.85 1.40 -6.03 | 24.76 1.13 -10.24 | 21.26 1.25 -4.56 | 26.61 0.89 -16.01 | 24.85 1.66 -8.06 | 27.90 2.19 -5.36 | 23.10 2.07 -0.09 | 22.03 1.87 -0.01 | 21.91 1.80 -0.53 |
| MENANDS__115KV_TB5 355628 | 23.38 0.66 -0.08 | 19.61 0.55 0.00 | 17.87 0.51 0.00 | 18.63 0.51 0.00 | 20.72 0.54 -0.01 | 23.52 0.71 0.00 | 27.13 0.90 -0.01 | 29.08 0.96 -2.46 | 29.17 0.59 -13.03 | 34.90 0.63 -19.50 | 21.85 0.91 -0.64 | 21.57 0.86 -0.02 | 21.37 0.86 -0.02 | 19.96 0.77 -1.45 | 19.99 0.68 -3.12 | 22.37 0.71 -5.25 | 22.92 0.60 -8.92 | 20.08 0.65 -3.98 | 24.09 0.42 -13.96 | 22.81 0.66 -7.02 | 25.88 0.87 -4.65 | 21.92 0.91 -0.07 | 20.96 0.80 -0.01 | 20.73 0.69 -0.46 |
| MG INDUSTRY__DRP 24185 | 23.47 0.76 -0.08 | 19.70 0.65 0.00 | 17.98 0.62 0.00 | 18.74 0.62 0.00 | 20.82 0.64 -0.01 | 23.64 0.83 0.00 | 27.24 1.02 -0.01 | 29.09 1.04 -2.39 | 28.82 0.64 -12.63 | 34.35 0.67 -18.92 | 21.84 0.91 -0.63 | 21.59 0.88 -0.02 | 21.37 0.86 -0.02 | 19.93 0.76 -1.42 | 19.90 0.68 -3.03 | 22.22 0.70 -5.10 | 22.66 0.61 -8.66 | 19.96 0.65 -3.86 | 23.68 0.44 -13.54 | 22.62 0.68 -6.82 | 25.76 0.89 -4.52 | 21.95 0.94 -0.07 | 21.00 0.83 -0.01 | 20.79 0.77 -0.45 |
| MID__OSWEGATCHIE_HYD 23849 | 3.19 -0.95 18.50 | 18.09 -0.97 0.00 | 17.04 -1.12 -0.81 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.15 -0.87 -4.26 | 24.05 -1.15 -4.90 | 24.44 -1.17 -4.93 | 24.25 -1.16 -4.92 | 20.50 -1.06 -3.82 | 15.40 -0.84 -0.06 | 15.68 -0.86 -0.13 | 13.00 -0.59 -0.19 | 14.95 -0.58 -0.08 | 9.61 -0.39 -0.30 | 14.73 -0.55 -0.15 | 19.77 -0.70 -0.12 | 20.14 -0.81 -0.01 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| MID__RAQUETTE_HYD 23851 | 11.79 -1.12 9.72 | 18.05 -1.01 0.00 | 17.40 -1.03 -1.07 | 17.59 -1.08 -0.54 | 21.32 -1.10 -2.25 | 21.61 -1.20 0.00 | 24.93 -1.28 0.00 | 24.39 -1.29 -0.03 | 14.81 -0.89 -0.15 | 19.25 -0.85 -5.35 | 25.62 -1.15 -6.47 | 26.11 -1.12 -6.53 | 25.94 -1.08 -6.52 | 21.78 -1.00 -5.04 | 15.45 -0.77 -0.04 | 15.69 -0.80 -0.07 | 12.89 -0.61 -0.11 | 14.87 -0.64 -0.05 | 9.46 -0.42 -0.17 | 14.53 -0.68 -0.09 | 19.54 -0.88 -0.07 | 20.04 -0.90 -0.01 | 19.31 -0.85 0.00 | 18.65 -0.94 -0.01 |
| MILLIKEN__1 23584 | 23.77 0.69 -0.45 | 19.63 0.57 0.00 | 17.90 0.53 -0.01 | 18.75 0.62 -0.01 | 20.90 0.70 -0.03 | 23.62 0.81 0.00 | 27.15 0.93 -0.01 | 27.12 1.01 -0.46 | 18.42 0.61 -2.26 | 19.47 0.49 -4.22 | 22.84 0.63 -1.91 | 21.39 0.62 -0.09 | 21.09 0.50 -0.09 | 18.77 0.47 -0.56 | 17.09 0.35 -0.56 | 19.13 0.34 -2.37 | 16.30 0.31 -2.59 | 16.54 0.39 -0.69 | 13.14 0.29 -3.14 | 17.52 0.59 -1.81 | 24.16 0.79 -3.02 | 22.36 0.72 -0.70 | 20.85 0.64 -0.05 | 20.31 0.65 -0.08 |
| MILLIKEN__2 23585 | 23.77 0.69 -0.45 | 19.63 0.57 0.00 | 17.90 0.53 -0.01 | 18.75 0.62 -0.01 | 20.90 0.70 -0.03 | 23.62 0.81 0.00 | 27.15 0.93 -0.01 | 27.12 1.01 -0.46 | 18.42 0.61 -2.26 | 19.47 0.49 -4.22 | 22.84 0.63 -1.91 | 21.39 0.62 -0.09 | 21.09 0.50 -0.09 | 18.77 0.47 -0.56 | 17.09 0.35 -0.56 | 19.13 0.34 -2.37 | 16.30 0.31 -2.59 | 16.54 0.39 -0.69 | 13.14 0.29 -3.14 | 17.52 0.59 -1.81 | 24.16 0.79 -3.02 | 22.36 0.72 -0.70 | 20.85 0.64 -0.05 | 20.31 0.65 -0.08 |
| MILLIKEN__DIESEL 23629 | 23.77 0.69 -0.45 | 19.63 0.57 0.00 | 17.90 0.53 -0.01 | 18.75 0.62 -0.01 | 20.90 0.70 -0.03 | 23.62 0.81 0.00 | 27.15 0.93 -0.01 | 27.12 1.01 -0.46 | 18.42 0.61 -2.26 | 19.47 0.49 -4.22 | 22.84 0.63 -1.91 | 21.39 0.62 -0.09 | 21.09 0.50 -0.09 | 18.77 0.47 -0.56 | 17.09 0.35 -0.56 | 19.13 0.34 -2.37 | 16.30 0.31 -2.59 | 16.54 0.39 -0.69 | 13.14 0.29 -3.14 | 17.52 0.59 -1.81 | 24.16 0.79 -3.02 | 22.36 0.72 -0.70 | 20.85 0.64 -0.05 | 20.31 0.65 -0.08 |
| MILLSEAT__LFGE 323607 | 23.22 0.58 0.00 | 19.60 0.54 0.00 | 17.88 0.52 0.00 | 18.74 0.62 0.00 | 20.95 0.78 0.00 | 23.71 0.90 0.00 | 26.93 0.76 0.04 | 26.83 0.93 -0.24 | 18.04 0.74 -1.75 | 15.94 0.51 -0.67 | 16.65 0.62 4.27 | 20.94 0.25 0.00 | 20.52 0.02 0.00 | 17.29 -0.09 0.36 | 16.26 -0.28 -0.36 | 13.41 0.05 3.06 | 11.83 -0.06 1.50 | 15.74 -0.19 -0.48 | 9.71 -0.04 -0.04 | 14.45 0.10 0.79 | 15.46 0.23 5.12 | 19.02 0.00 1.92 | 19.90 0.01 0.26 | 19.93 0.40 0.04 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 24.31 1.58 -0.10 | 20.43 1.38 0.00 | 18.60 1.24 0.00 | 19.42 1.30 0.00 | 21.55 1.36 -0.01 | 24.44 1.63 0.00 | 28.19 1.97 -0.01 | 29.87 2.12 -2.09 | 27.87 1.32 -11.01 | 32.55 1.28 -16.51 | 22.78 1.87 -0.61 | 22.57 1.86 -0.02 | 22.40 1.89 -0.02 | 21.12 1.72 -1.66 | 20.52 1.53 -2.81 | 22.51 1.54 -4.55 | 22.15 1.19 -7.57 | 20.18 1.35 -3.38 | 22.40 0.87 -11.82 | 22.59 1.38 -6.08 | 26.23 1.87 -4.01 | 22.81 1.79 -0.09 | 21.80 1.64 -0.01 | 21.52 1.57 -0.38 |

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|--|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| MILLWOOD_13_KV_LOAD 356217 | 24.36 1.62 -0.10 | 20.48 1.42 0.00 | 18.64 1.28 0.00 | 19.45 1.33 0.00 | 21.59 1.41 -0.01 | 24.49 1.68 0.00 | 28.25 2.03 -0.01 | 29.94 2.19 -2.09 | 27.91 1.36 -11.01 | 32.58 1.32 -16.51 | 22.83 1.92 -0.61 | 22.61 1.91 -0.02 | 22.46 1.94 -0.02 | 21.17 1.76 -1.66 | 20.57 1.57 -2.81 | 22.55 1.58 -4.55 | 22.18 1.22 -7.57 | 20.22 1.40 -3.38 | 22.42 0.90 -11.82 | 22.62 1.42 -6.08 | 26.27 1.91 -4.01 | 22.86 1.84 -0.09 | 21.85 1.69 -0.01 | 21.56 1.61 -0.38 |
| MODEL_CITY_ENERGY 24167 | 22.15 -0.48 0.00 | 18.74 -0.32 0.00 | 17.10 -0.26 0.00 | 17.92 -0.20 0.00 | 20.01 -0.16 0.00 | 22.56 -0.25 0.00 | 25.41 -0.75 0.06 | 25.27 -0.60 -0.21 | 17.23 -0.20 -1.88 | 14.30 -0.35 0.11 | 13.37 -0.52 6.42 | 19.94 -0.75 0.00 | 19.58 -0.92 0.00 | 16.23 -0.89 0.62 | 15.48 -1.07 -0.37 | 10.78 -0.79 4.84 | 9.96 -0.70 2.73 | 14.97 -0.99 -0.50 | 8.46 -0.52 0.72 | 12.82 -0.79 1.52 | 11.55 -0.96 7.84 | 16.88 -1.23 2.83 | 18.69 -1.11 0.35 | 18.93 -0.59 0.06 |
| MODERN_LFGE_ 323580 | 22.15 -0.48 0.00 | 18.74 -0.32 0.00 | 17.10 -0.26 0.00 | 17.92 -0.20 0.00 | 20.01 -0.16 0.00 | 22.56 -0.25 0.00 | 25.41 -0.75 0.06 | 25.27 -0.60 -0.21 | 17.23 -0.20 -1.88 | 14.30 -0.35 0.11 | 13.37 -0.52 6.42 | 19.94 -0.75 0.00 | 19.58 -0.92 0.00 | 16.23 -0.89 0.62 | 15.48 -1.07 -0.37 | 10.78 -0.79 4.84 | 9.96 -0.70 2.73 | 14.97 -0.99 -0.50 | 8.46 -0.52 0.72 | 12.82 -0.79 1.52 | 11.55 -0.96 7.84 | 16.88 -1.23 2.83 | 18.69 -1.11 0.35 | 18.93 -0.59 0.06 |
| MOHAWK_PAPER___DRP 24187 | 23.69 0.98 -0.08 | 19.87 0.81 0.00 | 18.09 0.73 0.00 | 18.87 0.75 0.00 | 20.99 0.81 -0.01 | 23.85 1.03 0.00 | 27.50 1.28 -0.01 | 29.47 1.34 -2.46 | 29.42 0.83 -13.05 | 35.14 0.85 -19.53 | 22.09 1.15 -0.64 | 21.79 1.08 -0.02 | 21.61 1.10 -0.02 | 20.17 0.97 -1.46 | 20.17 0.86 -3.13 | 22.57 0.90 -5.26 | 23.08 0.75 -8.94 | 20.28 0.84 -3.98 | 24.23 0.54 -13.98 | 23.01 0.85 -7.03 | 26.16 1.15 -4.66 | 22.20 1.19 -0.07 | 21.23 1.07 -0.01 | 21.01 0.97 -0.46 |
| MOHICAN__35_KV_115KV_LD 80490 | 24.04 1.32 -0.08 | 20.12 1.06 0.00 | 18.28 0.93 0.00 | 19.01 0.89 0.00 | 21.21 1.04 -0.01 | 24.26 1.45 0.00 | 27.98 1.75 -0.01 | 30.02 1.83 -2.54 | 30.06 1.12 -13.40 | 35.93 1.12 -20.05 | 22.45 1.50 -0.65 | 22.22 1.51 -0.02 | 21.94 1.43 -0.02 | 20.43 1.19 -1.50 | 20.47 1.07 -3.21 | 22.92 1.12 -5.39 | 23.47 0.91 -9.17 | 20.68 1.14 -4.09 | 24.84 0.78 -14.35 | 23.53 1.18 -7.22 | 26.73 1.61 -4.77 | 22.57 1.56 -0.07 | 21.59 1.43 0.00 | 21.44 1.39 -0.48 |
| MONGAUP___HYD 23641 | 24.16 1.52 0.00 | 20.38 1.32 0.00 | 18.53 1.18 0.00 | 19.37 1.25 0.00 | 21.50 1.32 0.00 | 24.30 1.49 0.00 | 27.89 1.67 -0.01 | 29.45 1.80 -1.99 | 27.07 1.05 -10.47 | 31.30 0.93 -15.62 | 21.97 1.28 -0.39 | 21.95 1.26 0.00 | 21.79 1.29 0.00 | 20.53 1.26 -1.53 | 20.00 1.15 -2.67 | 21.64 1.03 -4.19 | 21.26 0.76 -7.11 | 19.62 0.95 -3.21 | 21.50 0.62 -11.18 | 21.89 1.03 -5.73 | 25.37 1.42 -3.59 | 22.32 1.37 -0.01 | 21.55 1.39 0.00 | 21.21 1.27 -0.37 |
| MONTAUK___DIESEL 23721 | 25.38 2.65 -0.10 | 21.36 2.31 0.00 | 19.50 2.14 0.00 | 20.31 2.19 0.00 | 22.53 2.35 -0.01 | 25.73 2.92 0.00 | 29.29 3.08 -0.01 | 30.82 3.07 -2.10 | 28.35 1.76 -11.05 | 32.80 1.47 -16.57 | 23.27 2.36 -0.61 | 23.10 2.39 -0.02 | 22.77 2.25 -0.02 | 21.29 1.88 -1.67 | 20.78 1.77 -2.83 | 62.60 2.15 -44.03 | 22.62 1.62 -7.60 | 20.52 1.68 -3.39 | 22.80 1.23 -11.86 | 23.27 2.04 -6.10 | 27.13 2.76 -4.02 | 23.62 2.59 -0.09 | 22.62 2.46 -0.01 | 22.36 2.40 -0.38 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 23.36 0.37 -0.35 | 19.40 0.34 0.00 | 17.80 0.44 -0.01 | 18.74 0.61 -0.01 | 21.21 1.01 -0.02 | 23.86 1.05 0.00 | 27.08 0.89 0.02 | 27.16 1.16 -0.35 | 18.28 0.63 -2.11 | 15.50 0.31 -0.43 | 14.50 0.26 6.05 | 21.24 0.49 -0.07 | 20.86 0.30 -0.07 | 17.43 0.14 0.44 | 16.15 -0.19 -0.16 | 12.26 0.19 4.35 | 11.21 0.09 2.27 | 16.27 0.17 -0.65 | 9.51 0.04 0.24 | 14.72 0.36 0.77 | 13.60 0.33 7.09 | 18.62 0.13 2.45 | 20.08 0.11 0.18 | 20.22 0.56 -0.08 |
| MORTIMER_115KV_TB3 55949 | 23.30 0.29 -0.38 | 19.35 0.29 0.00 | 17.65 0.28 -0.01 | 18.47 0.35 -0.01 | 20.63 0.43 -0.03 | 23.31 0.50 0.00 | 26.52 0.31 0.00 | 26.45 0.50 -0.29 | 17.51 0.37 -1.60 | 16.69 0.14 -1.79 | 19.06 0.09 1.33 | 20.77 0.01 -0.07 | 20.45 -0.12 -0.07 | 17.64 -0.18 -0.07 | 16.27 -0.30 -0.39 | 15.68 -0.14 0.60 | 13.43 -0.18 -0.22 | 15.69 -0.25 -0.49 | 10.70 -0.13 -1.12 | 15.39 -0.12 -0.39 | 18.87 -0.14 1.34 | 20.05 -0.31 0.58 | 19.84 -0.27 0.04 | 19.68 0.05 -0.06 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 24.46 1.72 -0.10 | 20.56 1.50 0.00 | 18.72 1.36 0.00 | 19.54 1.42 0.00 | 21.68 1.50 -0.01 | 24.59 1.78 0.00 | 28.35 2.14 -0.01 | 30.05 2.29 -2.10 | 28.03 1.44 -11.05 | 32.72 1.40 -16.57 | 22.94 2.03 -0.61 | 22.74 2.03 -0.02 | 22.58 2.07 -0.02 | 21.28 1.87 -1.67 | 20.67 1.67 -2.82 | 22.66 1.68 -4.57 | 22.28 1.29 -7.60 | 20.31 1.47 -3.39 | 22.51 0.94 -11.86 | 22.71 1.48 -6.10 | 26.38 2.01 -4.02 | 22.94 1.92 -0.09 | 21.94 1.78 -0.01 | 21.67 1.71 -0.38 |
| MUNSVILLE_WIND_PWR 323609 | 24.04 1.40 0.00 | 20.30 1.24 0.00 | 18.46 1.11 0.00 | 19.32 1.20 0.00 | 21.69 1.52 0.00 | 24.79 1.98 0.00 | 28.66 2.44 -0.02 | 28.87 2.54 -0.67 | 20.50 1.57 -3.39 | 21.68 1.31 -5.61 | 23.20 1.52 -1.37 | 22.33 1.64 0.00 | 21.98 1.49 0.00 | 19.44 1.12 -0.57 | 17.87 0.86 -0.83 | 19.65 0.83 -2.41 | 17.07 0.63 -3.05 | 17.44 0.95 -1.04 | 14.60 0.77 -4.13 | 18.96 1.55 -2.28 | 25.28 2.14 -2.78 | 23.27 1.82 -0.51 | 21.75 1.56 -0.04 | 21.22 1.52 -0.13 |
| N SALMON___HYD 24042 | 29.66 -1.06 -8.10 | 18.16 -0.90 0.00 | 20.66 -0.90 -4.21 | 19.36 -0.95 -2.19 | 28.39 -0.83 -9.05 | 22.58 -0.23 0.00 | 26.07 -0.14 0.00 | 25.40 -0.26 0.00 | 14.97 -0.57 0.00 | 34.69 -0.61 -20.54 | 45.41 -0.83 -25.94 | 46.11 -0.79 -26.21 | 45.96 -0.73 -26.20 | 37.22 -0.69 -20.17 | 15.88 -0.30 0.00 | 16.11 -0.31 0.00 | 13.17 -0.22 0.00 | 15.33 -0.12 0.00 | 9.65 -0.06 0.00 | 15.04 -0.09 0.00 | 20.34 -0.02 0.00 | 20.83 -0.10 0.00 | 20.00 -0.16 0.00 | 19.44 -0.14 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 23.14 0.14 -0.37 | 19.26 0.20 0.00 | 17.57 0.20 -0.01 | 18.43 0.30 -0.01 | 20.60 0.41 -0.02 | 23.21 0.40 0.00 | 26.26 0.07 0.02 | 26.29 0.33 -0.30 | 17.69 0.33 -1.81 | 15.17 0.09 -0.32 | 15.01 0.03 5.32 | 20.60 -0.16 -0.07 | 20.20 -0.37 -0.07 | 16.95 -0.40 0.39 | 16.00 -0.61 -0.43 | 12.24 -0.31 3.87 | 11.01 -0.35 2.03 | 15.52 -0.49 -0.55 | 9.20 -0.24 0.27 | 14.08 -0.29 0.76 | 13.72 -0.29 6.34 | 18.26 -0.52 2.17 | 19.55 -0.44 0.16 | 19.65 0.01 -0.07 |
| N.BELMOR_69_KV_BK1 55787 | 24.73 2.00 -0.10 | 20.78 1.72 0.00 | 18.92 1.56 0.00 | 19.72 1.60 0.00 | 21.86 1.68 -0.01 | 24.92 2.11 0.00 | 28.62 2.40 -0.01 | 30.23 2.47 -2.10 | 28.07 1.47 -11.05 | 32.64 1.31 -16.57 | 23.04 2.13 -0.61 | 22.87 2.16 -0.02 | 22.62 2.11 -0.02 | 21.26 1.84 -1.67 | 20.72 1.72 -2.83 | 62.38 1.94 -44.03 | 22.34 1.34 -7.60 | 20.28 1.43 -3.39 | 22.59 1.02 -11.86 | 22.87 1.64 -6.10 | 26.59 2.22 -4.02 | 23.13 2.10 -0.09 | 22.11 1.94 -0.01 | 21.90 1.93 -0.38 |
| N.E._GEN_SANDY PD 24062 | 24.17 1.08 -0.46 | 20.00 0.94 0.00 | 18.42 0.84 -0.22 | 19.13 0.87 -0.14 | 21.09 0.92 0.00 | 23.94 1.13 0.00 | 27.59 1.38 -0.01 | 29.44 1.51 -2.28 | 28.46 0.91 -12.01 | 33.60 0.93 -17.91 | 22.05 1.31 -0.44 | 21.95 1.26 0.00 | 21.78 1.29 0.00 | 20.45 1.17 -1.53 | 20.19 1.04 -2.97 | 22.22 1.04 -4.76 | 22.36 0.82 -8.15 | 20.05 0.92 -3.67 | 23.12 0.60 -12.82 | 22.56 0.94 -6.49 | 25.74 1.27 -4.11 | 23.18 1.30 -0.93 | 21.35 1.19 0.00 | 21.10 1.10 -0.42 |

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|--|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 24.32 1.58 -0.10 | 20.43 1.37 0.00 | 18.58 1.22 0.00 | 19.41 1.29 0.00 | 21.54 1.36 -0.01 | 24.42 1.61 0.00 | 28.18 1.96 -0.01 | 29.81 2.10 -2.05 | 27.66 1.30 -10.81 | 32.25 1.26 -16.22 | 22.76 1.86 -0.60 | 22.55 1.84 -0.02 | 22.39 1.87 -0.02 | 21.07 1.70 -1.63 | 20.46 1.51 -2.76 | 22.42 1.53 -4.48 | 22.02 1.18 -7.45 | 20.11 1.34 -3.32 | 22.19 0.87 -11.62 | 22.48 1.37 -5.97 | 26.15 1.85 -3.95 | 22.80 1.78 -0.09 | 21.79 1.63 -0.01 | 21.50 1.55 -0.38 |
| N.QUEENS_27_KV_LOAD 356247 | 24.47 1.74 -0.10 | 20.56 1.50 0.00 | 18.71 1.36 0.00 | 19.51 1.39 0.00 | 21.65 1.47 -0.01 | 24.55 1.74 0.00 | 28.35 2.14 -0.01 | 30.04 2.29 -2.10 | 28.11 1.52 -11.05 | 32.79 1.47 -16.57 | 22.99 2.08 -0.61 | 22.81 2.10 -0.02 | 22.65 2.13 -0.02 | 21.34 1.92 -1.67 | 20.73 1.73 -2.82 | 22.71 1.72 -4.57 | 22.29 1.31 -7.60 | 20.33 1.49 -3.39 | 22.52 0.95 -11.86 | 22.74 1.51 -6.10 | 26.45 2.07 -4.02 | 22.99 1.97 -0.09 | 21.99 1.83 -0.01 | 21.74 1.78 -0.38 |
| N.TROY___115KV_TB1 355778 | 23.65 0.94 -0.08 | 19.83 0.78 0.00 | 18.05 0.69 0.00 | 18.82 0.70 0.00 | 20.95 0.77 -0.01 | 23.81 1.00 0.00 | 27.43 1.21 -0.01 | 29.40 1.26 -2.49 | 29.43 0.76 -13.13 | 35.20 0.79 -19.65 | 22.02 1.07 -0.64 | 21.72 1.02 -0.02 | 21.53 1.02 -0.02 | 20.13 0.91 -1.47 | 20.14 0.81 -3.15 | 22.53 0.83 -5.29 | 23.06 0.69 -8.99 | 20.21 0.75 -4.01 | 24.28 0.50 -14.06 | 22.98 0.78 -7.08 | 26.09 1.05 -4.68 | 22.12 1.11 -0.07 | 21.17 1.01 0.00 | 20.97 0.93 -0.47 |
| NARROWS_GT1_1 24228 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_2 24229 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_3 24230 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_4 24231 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_5 24232 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_6 24233 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_7 24234 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT1_8 24235 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_1 24236 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_2 24237 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_3 24238 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_4 24239 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |

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|---|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| NARROWS_GT2_5 24240 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_6 24241 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_7 24242 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NARROWS_GT2_8 24243 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 23.62 0.90 -0.09 | 19.78 0.72 0.00 | 18.05 0.70 0.00 | 18.79 0.68 0.00 | 20.91 0.74 -0.01 | 23.89 1.08 0.00 | 27.55 1.33 -0.01 | 29.34 1.36 -2.33 | 28.69 0.81 -12.33 | 34.05 0.82 -18.47 | 21.89 0.97 -0.63 | 21.66 0.95 -0.02 | 21.44 0.93 -0.02 | 19.97 0.74 -1.48 | 19.84 0.66 -3.00 | 22.11 0.69 -5.00 | 22.56 0.71 -8.46 | 19.99 0.76 -3.77 | 23.46 0.53 -13.22 | 22.64 0.83 -6.68 | 25.93 1.15 -4.43 | 22.25 1.24 -0.08 | 21.23 1.07 -0.01 | 20.96 0.95 -0.44 |
| NCHELSEA_115KV_TR2 355582 | 24.40 1.66 -0.10 | 20.50 1.45 0.00 | 18.66 1.30 0.00 | 19.49 1.37 0.00 | 21.62 1.44 -0.01 | 24.55 1.74 0.00 | 28.33 2.11 -0.01 | 30.04 2.28 -2.10 | 28.02 1.40 -11.07 | 32.69 1.33 -16.61 | 22.84 1.93 -0.61 | 22.63 1.93 -0.02 | 22.46 1.95 -0.02 | 21.18 1.77 -1.67 | 20.59 1.58 -2.83 | 22.59 1.60 -4.58 | 22.26 1.24 -7.62 | 20.30 1.44 -3.40 | 22.53 0.93 -11.89 | 22.73 1.49 -6.12 | 26.39 2.01 -4.03 | 22.95 1.92 -0.09 | 21.92 1.76 -0.01 | 21.62 1.66 -0.39 |
| NEG CAPITAL___MECHNVIL 23645 | 23.85 1.22 0.00 | 20.05 0.99 0.00 | 18.23 0.88 0.00 | 19.01 0.90 0.00 | 21.18 1.00 0.00 | 24.12 1.31 0.00 | 27.81 1.59 -0.01 | 29.83 1.65 -2.53 | 29.85 1.00 -13.30 | 35.60 1.01 -19.84 | 22.15 1.36 -0.49 | 22.01 1.32 0.00 | 21.81 1.31 0.00 | 20.34 1.13 -1.46 | 20.39 1.02 -3.19 | 22.70 1.05 -5.23 | 23.29 0.87 -9.03 | 20.53 1.02 -4.06 | 24.58 0.68 -14.20 | 23.30 1.05 -7.12 | 26.33 1.42 -4.56 | 22.38 1.43 -0.01 | 21.46 1.30 0.00 | 21.27 1.22 -0.47 |
| NEG CENTRAL_HIGH_ACRES 23767 | 22.96 0.33 0.00 | 19.37 0.31 0.00 | 17.66 0.30 0.00 | 18.51 0.39 0.00 | 20.65 0.48 0.00 | 23.30 0.49 0.00 | 26.54 0.34 0.00 | 26.44 0.49 -0.29 | 17.41 0.35 -1.52 | 17.17 0.15 -2.27 | 20.49 0.13 -0.06 | 20.71 0.02 0.00 | 20.37 -0.12 0.00 | 17.75 -0.18 -0.19 | 16.30 -0.25 -0.37 | 16.88 -0.13 -0.60 | 14.29 -0.14 -1.03 | 15.70 -0.22 -0.47 | 11.21 -0.12 -1.62 | 15.83 -0.11 -0.82 | 20.71 -0.15 -0.51 | 20.60 -0.34 0.00 | 19.81 -0.35 0.00 | 19.55 -0.08 -0.06 |
| NEG CENTRAL___DRP 24199 | 23.51 0.40 -0.48 | 19.40 0.34 0.00 | 17.71 0.35 -0.01 | 18.57 0.45 -0.01 | 20.70 0.50 -0.03 | 23.38 0.57 0.00 | 26.81 0.59 -0.01 | 26.68 0.71 -0.32 | 17.57 0.45 -1.57 | 18.39 0.30 -3.33 | 22.88 0.38 -2.20 | 21.12 0.34 -0.09 | 20.81 0.22 -0.09 | 18.45 0.19 -0.51 | 16.67 0.10 -0.39 | 18.90 0.13 -2.36 | 15.83 0.13 -2.31 | 16.08 0.14 -0.48 | 12.35 0.12 -2.52 | 16.93 0.29 -1.51 | 23.89 0.36 -3.17 | 22.06 0.30 -0.82 | 20.46 0.24 -0.06 | 19.99 0.35 -0.06 |
| NEG CENTRAL___INDECK 23768 | 23.38 0.74 0.00 | 19.70 0.65 0.00 | 18.05 0.69 0.00 | 18.93 0.81 0.00 | 20.94 0.76 0.00 | 23.46 0.65 0.00 | 26.74 0.31 -0.22 | 27.09 0.47 -0.96 | 17.95 0.32 -2.09 | 28.72 -0.13 -14.10 | 44.69 -0.22 -24.62 | 20.37 -0.31 0.00 | 20.46 -0.04 0.00 | 21.04 0.04 -3.26 | 16.78 0.04 -0.56 | 38.17 0.06 -21.69 | 29.62 0.12 -16.11 | 16.28 0.19 -0.64 | 22.16 0.24 -12.21 | 25.53 0.48 -9.93 | 53.37 0.70 -32.32 | 31.31 0.56 -9.81 | 21.38 0.50 -0.72 | 20.50 0.85 -0.08 |
| NEG CENTRAL___SENECA 23627 | 23.61 0.56 -0.42 | 19.53 0.47 0.00 | 17.83 0.46 -0.01 | 18.73 0.60 -0.01 | 20.87 0.67 -0.03 | 23.53 0.72 0.00 | 26.98 0.75 -0.02 | 26.95 0.93 -0.37 | 17.91 0.59 -1.77 | 19.30 0.38 -4.17 | 24.21 0.48 -3.43 | 21.23 0.47 -0.08 | 20.88 0.30 -0.08 | 18.68 0.26 -0.68 | 16.75 0.13 -0.44 | 20.07 0.17 -3.48 | 16.77 0.19 -3.19 | 16.19 0.20 -0.54 | 13.11 0.16 -3.24 | 17.52 0.38 -2.02 | 25.64 0.46 -4.83 | 22.64 0.38 -1.32 | 20.58 0.32 -0.10 | 20.12 0.48 -0.06 |
| NEG CENTRAL___STATE_STREET 24147 | 23.69 0.53 -0.52 | 19.46 0.40 0.00 | 17.79 0.42 -0.01 | 18.59 0.46 -0.01 | 20.72 0.51 -0.04 | 23.53 0.72 0.00 | 26.99 0.78 0.00 | 26.80 0.86 -0.29 | 17.59 0.55 -1.49 | 17.90 0.46 -2.68 | 21.85 0.55 -1.00 | 21.34 0.55 -0.10 | 21.03 0.43 -0.10 | 18.54 0.43 -0.36 | 16.88 0.34 -0.37 | 18.08 0.36 -1.31 | 15.18 0.27 -1.52 | 16.23 0.32 -0.46 | 11.88 0.24 -1.94 | 16.68 0.47 -1.08 | 22.59 0.64 -1.59 | 21.88 0.60 -0.34 | 20.72 0.54 -0.03 | 20.16 0.52 -0.05 |
| NEG MILLWOOD___DRP 24198 | 24.45 1.72 -0.10 | 20.56 1.50 0.00 | 18.71 1.35 0.00 | 19.54 1.42 0.00 | 21.68 1.50 -0.01 | 24.63 1.81 0.00 | 28.43 2.21 -0.01 | 30.15 2.39 -2.11 | 28.14 1.47 -11.13 | 32.84 1.39 -16.69 | 22.94 2.03 -0.61 | 22.72 2.01 -0.02 | 22.56 2.05 -0.02 | 21.28 1.85 -1.68 | 20.68 1.66 -2.84 | 22.68 1.67 -4.60 | 22.34 1.30 -7.66 | 20.37 1.50 -3.41 | 22.63 0.97 -11.95 | 22.81 1.54 -6.14 | 26.48 2.08 -4.05 | 23.02 1.99 -0.09 | 21.98 1.82 -0.01 | 21.67 1.71 -0.39 |
| NEG NORTH_FLCN_SEA 23793 | -15.59 -1.08 37.14 | 18.16 -0.89 0.00 | 10.05 -0.90 6.39 | 13.92 -1.00 3.20 | 6.06 -0.89 13.22 | 22.79 -0.02 0.00 | 26.36 0.15 0.00 | 26.25 0.58 -0.01 | 15.32 -0.30 -0.07 | -18.24 -0.58 32.41 | -21.55 -0.78 41.06 | -21.64 -0.73 41.60 | -21.69 -0.71 41.48 | -14.84 -0.67 31.92 | 16.02 -0.18 -0.02 | 16.30 -0.15 -0.03 | 13.35 -0.09 -0.05 | 15.55 0.08 -0.02 | 9.89 0.11 -0.08 | 15.42 0.25 -0.04 | 20.82 0.44 -0.03 | 21.32 0.38 0.00 | 20.47 0.31 0.00 | 20.07 0.49 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | -16.92 -1.24 38.31 | 18.04 -1.02 0.00 | 9.91 -0.99 6.46 | 13.65 -1.07 3.40 | 5.19 -0.92 14.06 | 22.68 -0.13 0.00 | 26.16 -0.05 0.00 | 25.43 -0.24 -0.02 | 14.96 -0.66 -0.08 | -20.07 -0.72 34.10 | -23.91 -0.99 43.21 | -23.89 -0.96 43.62 | -24.07 -0.91 43.65 | -16.68 -0.84 33.59 | 15.84 -0.36 -0.02 | 16.08 -0.37 -0.03 | 13.17 -0.28 -0.05 | 15.32 -0.16 -0.02 | 9.73 -0.06 -0.08 | 15.08 -0.09 -0.04 | 20.39 0.01 -0.03 | 20.84 -0.10 0.00 | 20.00 -0.16 0.00 | 19.50 -0.08 0.00 |

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|----------------------------------|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| NEG NORTH___ALICE_FALLS 23915 | -15.76 -1.07 37.33 | 18.17 -0.88 0.00 | 10.04 -0.91 6.40 | 13.88 -1.01 3.23 | 5.94 -0.88 13.35 | 22.80 -0.01 0.00 | 26.38 0.17 0.00 | 26.17 0.50 -0.01 | 15.30 -0.32 -0.07 | -18.48 -0.56 32.68 | -21.89 -0.78 41.41 | -21.95 -0.71 41.92 | -22.00 -0.68 41.82 | -15.09 -0.65 32.18 | 16.01 -0.19 -0.02 | 16.29 -0.15 -0.03 | 13.35 -0.09 -0.05 | 15.55 0.08 -0.02 | 9.89 0.11 -0.08 | 15.40 0.24 -0.04 | 20.80 0.43 -0.03 | 21.28 0.34 0.00 | 20.40 0.24 0.00 | 19.97 0.39 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | -15.76 -1.07 37.33 | 18.17 -0.88 0.00 | 10.04 -0.91 6.40 | 13.88 -1.01 3.23 | 5.94 -0.88 13.35 | 22.80 -0.01 0.00 | 26.38 0.17 0.00 | 26.17 0.50 -0.01 | 15.30 -0.32 -0.07 | -18.48 -0.56 32.68 | -21.89 -0.78 41.41 | -21.95 -0.71 41.92 | -22.00 -0.68 41.82 | -15.09 -0.65 32.18 | 16.01 -0.19 -0.02 | 16.29 -0.15 -0.03 | 13.35 -0.09 -0.05 | 15.55 0.08 -0.02 | 9.89 0.11 -0.08 | 15.40 0.24 -0.04 | 20.80 0.43 -0.03 | 21.28 0.34 0.00 | 20.40 0.24 0.00 | 19.97 0.39 0.00 |
| NEG NORTH___PLATTSBURG 23628 | -14.63 -1.07 36.19 | 18.18 -0.88 0.00 | 10.23 -0.93 6.20 | 13.88 -1.01 3.23 | 5.94 -0.88 13.35 | 22.80 -0.01 0.00 | 26.38 0.17 0.00 | 26.17 0.51 0.00 | 15.23 -0.32 0.00 | -18.60 -0.57 32.79 | -21.90 -0.79 41.41 | -21.92 -0.77 41.84 | -22.02 -0.69 41.82 | -15.13 -0.68 32.19 | 15.99 -0.19 0.00 | 16.26 -0.15 0.00 | 13.30 -0.10 0.00 | 15.53 0.08 0.00 | 9.81 0.10 0.00 | 15.36 0.24 0.00 | 20.78 0.43 0.00 | 21.28 0.34 0.00 | 20.40 0.24 0.00 | 19.97 0.39 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 22.74 -0.26 -0.36 | 18.94 -0.12 0.00 | 17.28 -0.08 -0.01 | 18.13 0.00 -0.01 | 20.26 0.06 -0.02 | 22.80 -0.01 0.00 | 25.71 -0.48 0.02 | 25.71 -0.24 -0.30 | 17.40 -0.01 -1.87 | 14.35 -0.25 0.15 | 13.31 -0.44 6.55 | 20.19 -0.56 -0.07 | 19.83 -0.73 -0.07 | 16.48 -0.72 0.53 | 15.71 -0.91 -0.44 | 10.89 -0.64 4.88 | 10.05 -0.61 2.73 | 15.24 -0.79 -0.57 | 8.56 -0.44 0.71 | 13.39 -0.62 1.12 | 11.69 -0.76 7.90 | 17.31 -0.97 2.66 | 19.11 -0.86 0.20 | 19.29 -0.35 -0.07 |
| NEG WEST___LANCASTR 23811 | 23.72 0.73 -0.35 | 19.74 0.69 0.00 | 18.02 0.65 -0.01 | 18.94 0.81 -0.01 | 21.16 0.97 -0.02 | 23.82 1.01 0.00 | 26.99 0.80 0.02 | 27.08 1.07 -0.35 | 18.37 0.70 -2.12 | 15.41 0.41 -0.24 | 14.34 0.55 6.51 | 21.30 0.55 -0.07 | 20.94 0.37 -0.07 | 17.56 0.31 0.49 | 16.73 0.04 -0.51 | 11.91 0.25 4.76 | 11.03 0.18 2.54 | 16.20 0.10 -0.65 | 9.30 0.01 0.42 | 14.30 0.21 1.04 | 12.89 0.22 7.69 | 18.57 0.26 2.64 | 20.27 0.30 0.20 | 20.33 0.68 -0.08 |
| NEG_PENN_ALLEGHNY 23528 | 23.21 0.58 0.00 | 19.54 0.48 0.00 | 17.83 0.48 0.00 | 18.68 0.56 0.00 | 20.78 0.61 0.00 | 23.54 0.73 0.00 | 27.02 0.81 0.00 | 27.23 0.90 -0.67 | 19.66 0.56 -3.55 | 20.53 0.48 -5.29 | 21.10 0.66 -0.13 | 21.35 0.66 0.00 | 21.08 0.59 0.00 | 18.70 0.52 -0.44 | 17.44 0.39 -0.87 | 18.21 0.38 -1.41 | 16.14 0.34 -2.41 | 16.92 0.38 -1.09 | 13.76 0.26 -3.79 | 17.56 0.51 -1.92 | 22.23 0.65 -1.23 | 21.54 0.60 0.00 | 20.72 0.56 0.00 | 20.33 0.62 -0.13 |
| NEG___GEN_MONROE 24207 | 23.43 0.42 -0.38 | 19.48 0.43 0.00 | 17.80 0.44 -0.01 | 18.63 0.51 -0.01 | 20.89 0.69 -0.03 | 23.48 0.67 0.00 | 26.71 0.51 0.00 | 26.63 0.68 -0.29 | 17.63 0.47 -1.61 | 16.72 0.23 -1.73 | 19.01 0.22 1.50 | 20.84 0.08 -0.07 | 20.51 -0.06 -0.07 | 17.66 -0.14 -0.05 | 16.27 -0.30 -0.39 | 15.57 -0.10 0.75 | 13.35 -0.16 -0.12 | 15.70 -0.24 -0.49 | 10.67 -0.09 -1.06 | 15.37 -0.06 -0.30 | 18.75 -0.04 1.56 | 20.08 -0.21 0.65 | 19.94 -0.17 0.05 | 19.78 0.15 -0.06 |
| NEPA___ENERGY 23901 | 23.36 0.38 -0.34 | 19.41 0.35 0.00 | 17.71 0.35 -0.01 | 18.64 0.51 -0.01 | 20.81 0.62 -0.02 | 23.41 0.60 0.00 | 26.66 0.46 0.01 | 26.82 0.71 -0.45 | 18.46 0.47 -2.44 | 17.48 0.30 -2.42 | 18.05 0.43 2.69 | 21.18 0.43 -0.07 | 20.82 0.26 -0.07 | 18.00 0.26 -0.01 | 16.84 0.05 -0.61 | 15.18 0.18 1.41 | 13.47 0.13 0.05 | 16.17 -0.03 -0.75 | 11.14 -0.02 -1.45 | 15.74 0.13 -0.48 | 17.69 0.13 2.79 | 19.88 0.07 1.13 | 20.24 0.16 0.08 | 20.12 0.46 -0.09 |
| NEVERSINK___HYD 23608 | 24.48 1.85 0.00 | 20.68 1.63 0.00 | 18.81 1.46 0.00 | 19.67 1.55 0.00 | 21.82 1.65 0.00 | 24.62 1.81 0.00 | 28.41 2.19 -0.01 | 30.02 2.39 -1.97 | 27.37 1.43 -10.40 | 31.58 1.32 -15.51 | 22.60 1.91 -0.38 | 22.62 1.93 0.00 | 22.46 1.97 0.00 | 21.10 1.88 -1.48 | 20.40 1.59 -2.63 | 22.19 1.63 -4.15 | 21.68 1.23 -7.06 | 20.16 1.52 -3.19 | 21.80 0.99 -11.10 | 22.42 1.62 -5.67 | 26.13 2.22 -3.56 | 23.01 2.06 -0.01 | 22.03 1.87 0.00 | 21.71 1.77 -0.36 |
| NEWKRMKL_115KV_TB1 55635 | 23.28 0.57 -0.08 | 19.54 0.48 0.00 | 17.81 0.45 0.00 | 18.57 0.45 0.00 | 20.64 0.46 -0.01 | 23.43 0.62 0.00 | 27.02 0.80 -0.01 | 28.97 0.86 -2.45 | 29.06 0.53 -12.99 | 34.77 0.57 -19.44 | 21.77 0.83 -0.64 | 21.49 0.79 -0.02 | 21.29 0.77 -0.02 | 19.88 0.69 -1.44 | 19.91 0.61 -3.11 | 22.29 0.64 -5.23 | 22.84 0.56 -8.90 | 20.02 0.60 -3.96 | 24.01 0.39 -13.91 | 22.73 0.61 -7.00 | 25.79 0.80 -4.64 | 21.84 0.83 -0.07 | 20.88 0.72 -0.01 | 20.64 0.60 -0.46 |
| NEWTON___FALLS_HYD 23847 | 3.19 -0.95 18.50 | 18.09 -0.97 0.00 | 17.04 -1.12 -0.81 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.15 -0.87 -4.26 | 24.05 -1.15 -4.90 | 24.44 -1.17 -4.93 | 24.25 -1.16 -4.92 | 20.50 -1.06 -3.82 | 15.40 -0.84 -0.06 | 15.68 -0.86 -0.13 | 13.00 -0.59 -0.19 | 14.95 -0.58 -0.08 | 9.61 -0.39 -0.30 | 14.73 -0.55 -0.15 | 19.77 -0.70 -0.12 | 20.14 -0.81 -0.01 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| NGRID_A1_DSASP 323792 | 22.08 -0.55 0.00 | 18.69 -0.37 0.00 | 17.05 -0.30 0.00 | 17.87 -0.25 0.00 | 19.95 -0.22 0.00 | 22.53 -0.28 0.00 | 25.35 -0.80 0.06 | 25.07 -0.79 -0.21 | 17.10 -0.34 -1.90 | 14.11 -0.45 0.20 | 13.00 -0.62 6.68 | 19.67 -1.02 0.00 | 19.31 -1.18 0.00 | 16.04 -1.05 0.65 | 15.34 -1.21 -0.36 | 10.50 -0.86 5.06 | 9.78 -0.73 2.88 | 14.92 -1.04 -0.51 | 8.32 -0.58 0.81 | 12.67 -0.85 1.60 | 11.19 -1.02 8.15 | 16.76 -1.24 2.94 | 18.61 -1.17 0.37 | 18.85 -0.66 0.07 |
| NGRID_A2_DSASP 323793 | 22.08 -0.55 0.00 | 18.69 -0.37 0.00 | 17.05 -0.30 0.00 | 17.87 -0.25 0.00 | 19.95 -0.22 0.00 | 22.53 -0.28 0.00 | 25.35 -0.80 0.06 | 25.07 -0.79 -0.21 | 17.10 -0.34 -1.90 | 14.11 -0.45 0.20 | 13.00 -0.62 6.68 | 19.67 -1.02 0.00 | 19.31 -1.18 0.00 | 16.04 -1.05 0.65 | 15.34 -1.21 -0.36 | 10.50 -0.86 5.06 | 9.78 -0.73 2.88 | 14.92 -1.04 -0.51 | 8.32 -0.58 0.81 | 12.67 -0.85 1.60 | 11.19 -1.02 8.15 | 16.76 -1.24 2.94 | 18.61 -1.17 0.37 | 18.85 -0.66 0.07 |
| NGRID_A4_DSASP 323807 | 22.42 -0.57 -0.36 | 18.68 -0.37 0.00 | 17.05 -0.32 -0.01 | 17.88 -0.25 -0.01 | 19.98 -0.22 -0.02 | 22.50 -0.31 0.00 | 25.32 -0.86 0.02 | 25.21 -0.75 -0.30 | 17.10 -0.34 -1.90 | 14.12 -0.50 0.14 | 12.95 -0.74 6.61 | 19.70 -1.06 -0.07 | 19.34 -1.23 -0.07 | 16.13 -1.07 0.54 | 15.39 -1.24 -0.44 | 10.62 -0.88 4.91 | 9.87 -0.77 2.75 | 15.00 -1.04 -0.58 | 8.41 -0.60 0.70 | 13.13 -0.88 1.11 | 11.39 -1.05 7.91 | 17.01 -1.25 2.68 | 18.79 -1.17 0.20 | 18.99 -0.66 -0.07 |
| NIAGARA_115E_LBMP 323715 | 22.02 -0.61 0.00 | 18.63 -0.43 0.00 | 17.00 -0.36 0.00 | 17.81 -0.31 0.00 | 19.89 -0.29 0.00 | 22.42 -0.39 0.00 | 25.23 -0.92 0.06 | 25.09 -0.78 -0.21 | 17.14 -0.30 -1.89 | 14.17 -0.44 0.14 | 13.14 -0.64 6.53 | 19.82 -0.87 0.00 | 19.46 -1.04 0.00 | 16.11 -0.99 0.64 | 15.38 -1.17 -0.37 | 10.59 -0.88 4.94 | 9.82 -0.78 2.79 | 14.86 -1.10 -0.50 | 8.37 -0.58 0.75 | 12.68 -0.89 1.56 | 11.27 -1.10 7.98 | 16.68 -1.38 2.88 | 18.55 -1.24 0.36 | 18.80 -0.72 0.06 |

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| NIAGARA_115W_LBMP 323714 | 22.04 -0.60 0.00 | 18.65 -0.41 0.00 | 17.02 -0.34 0.00 | 17.83 -0.29 0.00 | 19.91 -0.26 0.00 | 22.48 -0.33 0.00 | 25.29 -0.86 0.06 | 25.01 -0.86 -0.21 | 17.06 -0.38 -1.89 | 14.10 -0.47 0.18 | 13.00 -0.65 6.64 | 19.61 -1.08 0.00 | 19.26 -1.24 0.00 | 16.01 -1.09 0.65 | 15.30 -1.24 -0.36 | 10.50 -0.88 5.03 | 9.79 -0.75 2.86 | 14.89 -1.07 -0.51 | 8.31 -0.60 0.80 | 12.65 -0.88 1.60 | 11.18 -1.05 8.12 | 16.74 -1.27 2.93 | 18.58 -1.21 0.37 | 18.82 -0.69 0.07 |
| NIAGARA_230_LBMP 323716 | 22.23 -0.40 0.00 | 18.81 -0.25 0.00 | 17.17 -0.19 0.00 | 18.00 -0.12 0.00 | 20.10 -0.07 0.00 | 22.69 -0.13 0.00 | 25.56 -0.59 0.05 | 25.37 -0.50 -0.22 | 17.26 -0.16 -1.88 | 14.32 -0.37 0.07 | 13.42 -0.56 6.32 | 19.95 -0.74 0.00 | 19.60 -0.90 0.00 | 16.27 -0.86 0.61 | 15.55 -0.99 -0.36 | 10.82 -0.78 4.81 | 10.02 -0.69 2.68 | 15.04 -0.91 -0.50 | 8.47 -0.53 0.71 | 12.82 -0.75 1.56 | 11.48 -0.97 7.90 | 16.95 -1.17 2.83 | 18.76 -1.04 0.36 | 18.98 -0.52 0.07 |
| NIAGARA__115KV_198_GIBSON 55903 | 22.38 -0.62 -0.36 | 18.65 -0.41 0.00 | 17.02 -0.35 -0.01 | 17.84 -0.29 -0.01 | 19.93 -0.26 -0.02 | 22.45 -0.36 0.00 | 25.26 -0.92 0.02 | 25.14 -0.81 -0.30 | 17.05 -0.38 -1.89 | 14.11 -0.52 0.13 | 12.96 -0.76 6.58 | 19.64 -1.11 -0.07 | 19.28 -1.28 -0.07 | 16.09 -1.11 0.53 | 15.35 -1.27 -0.44 | 10.62 -0.91 4.89 | 9.87 -0.79 2.73 | 14.96 -1.07 -0.58 | 8.40 -0.61 0.69 | 13.11 -0.91 1.11 | 11.39 -1.09 7.88 | 16.99 -1.29 2.66 | 18.76 -1.21 0.20 | 18.95 -0.70 -0.07 |
| NIAGARA____ 23760 | 22.10 -0.53 0.00 | 18.70 -0.36 0.00 | 17.05 -0.30 0.00 | 17.87 -0.24 0.00 | 19.96 -0.21 0.00 | 22.52 -0.29 0.00 | 25.41 -0.74 0.06 | 25.22 -0.66 -0.22 | 17.17 -0.26 -1.88 | 14.27 -0.41 0.08 | 13.33 -0.59 6.38 | 19.82 -0.87 0.00 | 19.47 -1.02 0.00 | 16.17 -0.94 0.62 | 15.43 -1.11 -0.36 | 10.75 -0.82 4.85 | 9.97 -0.71 2.71 | 14.96 -1.00 -0.50 | 8.44 -0.55 0.72 | 12.75 -0.82 1.56 | 11.41 -1.00 7.94 | 16.86 -1.24 2.85 | 18.67 -1.13 0.36 | 18.88 -0.63 0.07 |
| NINE_MILE_1 23575 | 22.24 -0.39 0.00 | 18.73 -0.33 0.00 | 17.05 -0.31 0.00 | 17.81 -0.30 0.00 | 19.84 -0.33 0.00 | 22.43 -0.38 0.00 | 25.73 -0.48 0.00 | 25.30 -0.49 -0.14 | 15.99 -0.28 -0.73 | 15.55 -0.29 -1.08 | 19.92 -0.40 -0.03 | 20.25 -0.44 0.00 | 20.04 -0.46 0.00 | 17.44 -0.39 -0.09 | 15.97 -0.39 -0.18 | 16.32 -0.38 -0.29 | 13.58 -0.31 -0.49 | 15.33 -0.35 -0.22 | 10.27 -0.21 -0.77 | 15.22 -0.30 -0.39 | 20.19 -0.41 -0.25 | 20.48 -0.46 0.00 | 19.70 -0.46 0.00 | 19.22 -0.38 -0.03 |
| NINE_MILE_2 23744 | 22.24 -0.39 0.00 | 18.73 -0.33 0.00 | 17.05 -0.30 0.00 | 17.81 -0.30 0.00 | 19.84 -0.33 0.00 | 22.43 -0.38 0.00 | 25.73 -0.47 0.00 | 25.30 -0.49 -0.14 | 15.99 -0.28 -0.72 | 15.55 -0.29 -1.08 | 19.92 -0.40 -0.03 | 20.25 -0.44 0.00 | 20.04 -0.46 0.00 | 17.44 -0.39 -0.09 | 15.97 -0.39 -0.18 | 16.32 -0.38 -0.29 | 13.58 -0.31 -0.49 | 15.33 -0.34 -0.22 | 10.27 -0.21 -0.77 | 15.22 -0.30 -0.39 | 20.19 -0.41 -0.25 | 20.49 -0.45 0.00 | 19.70 -0.46 0.00 | 19.22 -0.38 -0.03 |
| NM_CAPITAL____DRP 24208 | 23.35 0.64 -0.08 | 19.60 0.54 0.00 | 17.86 0.50 0.00 | 18.62 0.49 0.00 | 20.70 0.52 -0.01 | 23.50 0.69 0.00 | 27.10 0.88 -0.01 | 29.04 0.93 -2.45 | 29.08 0.57 -12.96 | 34.78 0.61 -19.40 | 21.82 0.88 -0.64 | 21.55 0.84 -0.02 | 21.34 0.83 -0.02 | 19.93 0.74 -1.44 | 19.95 0.66 -3.11 | 22.33 0.69 -5.22 | 22.85 0.58 -8.88 | 20.03 0.63 -3.96 | 24.01 0.41 -13.89 | 22.75 0.64 -6.99 | 25.83 0.84 -4.63 | 21.90 0.89 -0.07 | 20.94 0.78 -0.01 | 20.71 0.67 -0.46 |
| NM_CENTRAL____DRP 24181 | 23.41 0.05 -0.73 | 19.10 0.04 0.00 | 17.40 0.03 -0.02 | 18.20 0.07 -0.01 | 20.31 0.08 -0.05 | 22.91 0.10 0.00 | 26.28 0.07 0.00 | 25.95 0.09 -0.20 | 16.66 0.06 -1.05 | 16.49 0.03 -1.71 | 20.58 0.03 -0.25 | 20.82 0.00 -0.14 | 20.60 -0.03 -0.13 | 17.97 -0.02 -0.24 | 16.38 -0.06 -0.26 | 16.84 -0.06 -0.48 | 14.12 -0.04 -0.76 | 15.75 -0.02 -0.32 | 10.86 -0.01 -1.16 | 15.75 0.03 -0.60 | 20.85 0.04 -0.46 | 20.95 -0.02 -0.03 | 20.11 -0.05 0.00 | 19.62 0.01 -0.04 |
| NM_FRONTIER____DRP 24179 | 22.38 -0.62 -0.36 | 18.65 -0.41 0.00 | 17.02 -0.35 -0.01 | 17.84 -0.29 -0.01 | 19.93 -0.26 -0.02 | 22.45 -0.36 0.00 | 25.26 -0.92 0.02 | 25.14 -0.81 -0.30 | 17.05 -0.38 -1.89 | 14.11 -0.52 0.13 | 12.96 -0.76 6.58 | 19.64 -1.11 -0.07 | 19.28 -1.28 -0.07 | 16.09 -1.11 0.53 | 15.35 -1.27 -0.44 | 10.62 -0.91 4.89 | 9.87 -0.79 2.73 | 14.96 -1.07 -0.58 | 8.40 -0.61 0.69 | 13.11 -0.91 1.11 | 11.39 -1.09 7.88 | 16.99 -1.29 2.66 | 18.76 -1.21 0.20 | 18.95 -0.70 -0.07 |
| NM_ST_REGIS____HYD 24053 | 15.43 -1.11 6.10 | 18.08 -0.98 0.00 | 18.10 -0.99 -1.73 | 17.96 -1.05 -0.88 | 22.79 -1.03 -3.65 | 21.87 -0.94 0.00 | 25.23 -0.98 0.00 | 24.66 -1.02 -0.03 | 14.88 -0.81 -0.14 | 22.48 -0.79 -8.50 | 29.72 -1.06 -10.48 | 30.26 -1.03 -10.59 | 30.09 -0.98 -10.57 | 24.98 -0.92 -8.16 | 15.57 -0.65 -0.04 | 15.81 -0.67 -0.07 | 12.99 -0.51 -0.11 | 15.00 -0.50 -0.04 | 9.54 -0.32 -0.16 | 14.68 -0.52 -0.08 | 19.77 -0.65 -0.06 | 20.25 -0.69 -0.01 | 19.49 -0.67 0.00 | 18.86 -0.72 -0.01 |
| NORTHPORT____1 23551 | 24.60 1.97 0.00 | 20.78 1.72 0.00 | 18.91 1.56 0.00 | 19.72 1.60 0.00 | 21.82 1.65 0.00 | 24.88 2.07 0.00 | 28.54 2.32 -0.01 | 30.13 2.37 -2.10 | 27.97 1.38 -11.05 | 32.41 1.18 -16.47 | 22.69 1.99 -0.41 | 22.74 2.05 0.00 | 22.43 1.94 0.00 | 21.03 1.65 -1.63 | 20.57 1.57 -2.83 | 62.15 1.85 -43.88 | 22.17 1.29 -7.49 | 20.18 1.33 -3.39 | 22.47 0.97 -11.79 | 22.74 1.57 -6.05 | 26.24 2.10 -3.79 | 22.93 1.98 -0.01 | 22.04 1.88 0.00 | 21.86 1.90 -0.38 |
| NORTHPORT____2 23552 | 24.60 1.97 0.00 | 20.78 1.72 0.00 | 18.91 1.56 0.00 | 19.72 1.60 0.00 | 21.82 1.65 0.00 | 24.88 2.07 0.00 | 28.54 2.32 -0.01 | 30.13 2.37 -2.10 | 27.97 1.38 -11.05 | 32.41 1.18 -16.47 | 22.69 1.99 -0.41 | 22.74 2.05 0.00 | 22.43 1.94 0.00 | 21.03 1.65 -1.63 | 20.57 1.57 -2.83 | 62.15 1.85 -43.88 | 22.17 1.29 -7.49 | 20.18 1.33 -3.39 | 22.47 0.97 -11.79 | 22.74 1.57 -6.05 | 26.24 2.10 -3.79 | 22.93 1.98 -0.01 | 22.04 1.88 0.00 | 21.86 1.90 -0.38 |
| NORTHPORT____3 23553 | 24.60 1.97 0.00 | 20.75 1.69 0.00 | 18.89 1.54 0.00 | 19.70 1.58 0.00 | 21.82 1.65 0.00 | 24.90 2.09 0.00 | 28.55 2.33 -0.01 | 30.16 2.40 -2.10 | 27.98 1.39 -11.05 | 32.44 1.21 -16.47 | 22.70 2.00 -0.41 | 22.71 2.02 0.00 | 22.44 1.95 0.00 | 21.04 1.66 -1.63 | 20.57 1.56 -2.83 | 62.12 1.83 -43.88 | 22.16 1.27 -7.49 | 20.17 1.33 -3.39 | 22.45 0.95 -11.79 | 22.73 1.55 -6.05 | 26.22 2.08 -3.79 | 22.91 1.96 -0.01 | 21.99 1.83 0.00 | 21.79 1.83 -0.38 |
| NORTHPORT____4 23650 | 24.60 1.97 0.00 | 20.75 1.69 0.00 | 18.89 1.54 0.00 | 19.70 1.58 0.00 | 21.82 1.65 0.00 | 24.90 2.09 0.00 | 28.55 2.33 -0.01 | 30.16 2.40 -2.10 | 27.98 1.39 -11.05 | 32.44 1.21 -16.47 | 22.70 2.00 -0.41 | 22.71 2.02 0.00 | 22.44 1.95 0.00 | 21.04 1.66 -1.63 | 20.57 1.56 -2.83 | 62.12 1.83 -43.88 | 22.16 1.27 -7.49 | 20.17 1.33 -3.39 | 22.45 0.95 -11.79 | 22.73 1.55 -6.05 | 26.22 2.08 -3.79 | 22.91 1.96 -0.01 | 21.99 1.83 0.00 | 21.79 1.83 -0.38 |
| NORTHPORT____IC 23718 | 24.60 1.97 0.00 | 20.78 1.72 0.00 | 18.91 1.56 0.00 | 19.72 1.60 0.00 | 21.82 1.65 0.00 | 24.88 2.07 0.00 | 28.54 2.32 -0.01 | 30.13 2.37 -2.10 | 27.97 1.38 -11.05 | 32.41 1.18 -16.47 | 22.69 1.99 -0.41 | 22.74 2.05 0.00 | 22.43 1.94 0.00 | 21.03 1.65 -1.63 | 20.57 1.57 -2.83 | 62.15 1.85 -43.88 | 22.17 1.29 -7.49 | 20.18 1.33 -3.39 | 22.47 0.97 -11.79 | 22.74 1.57 -6.05 | 26.24 2.10 -3.79 | 22.93 1.98 -0.01 | 22.04 1.88 0.00 | 21.86 1.90 -0.38 |

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| NORTH__COUNTRY_ESR 323785 | -16.77 -1.33 38.07 | 17.97 -1.09 0.00 | 9.76 -1.06 6.54 | 13.59 -1.13 3.41 | 5.11 -0.99 14.08 | 22.61 -0.20 0.00 | 26.08 -0.13 0.00 | 25.35 -0.31 0.00 | 14.83 -0.72 0.00 | -20.27 -0.77 34.26 | -24.03 -1.07 43.26 | -24.05 -1.02 43.71 | -24.17 -0.97 43.70 | -16.77 -0.87 33.64 | 15.79 -0.39 0.00 | 16.02 -0.39 0.00 | 13.09 -0.30 0.00 | 15.26 -0.19 0.00 | 9.61 -0.10 0.00 | 14.98 -0.15 0.00 | 20.27 -0.08 0.00 | 20.75 -0.19 0.00 | 19.92 -0.24 0.00 | 19.43 -0.15 0.00 |
| NPX_GEN_1385_PROXY 323591 | 24.31 1.68 0.00 | 20.57 1.51 0.00 | 18.77 1.41 0.00 | 19.60 1.48 0.00 | 21.56 1.39 0.00 | 24.36 1.54 0.00 | 28.07 1.86 -0.01 | 29.55 1.79 -2.10 | 27.56 0.97 -11.05 | 31.95 0.72 -16.47 | 22.19 1.48 -0.41 | 22.27 1.59 0.00 | 21.81 1.31 0.00 | 20.37 1.00 -1.63 | 20.03 1.02 -2.83 | 61.68 1.39 -43.88 | 21.78 0.89 -7.49 | 19.76 0.91 -3.39 | 22.26 0.76 -11.79 | 22.34 1.16 -6.05 | 24.87 1.32 -3.20 | 22.19 1.24 -0.01 | 21.45 1.29 0.00 | 21.50 1.54 -0.38 |
| NPX_GEN_CSC 323557 | 24.58 1.95 0.00 | 20.78 1.72 0.00 | 18.90 1.55 0.00 | 19.72 1.60 0.00 | 21.84 1.67 0.00 | 24.84 2.03 0.00 | 28.24 2.02 -0.01 | 29.85 2.09 -2.10 | 27.76 1.17 -11.05 | 32.16 0.93 -16.47 | 22.34 1.63 -0.41 | 22.34 1.65 0.00 | 22.05 1.55 0.00 | 20.67 1.29 -1.63 | 20.25 1.25 -2.83 | 61.89 1.60 -43.88 | 22.01 1.12 -7.49 | 19.93 1.09 -3.39 | 22.34 0.84 -11.79 | 22.58 1.40 -6.05 | 26.05 1.91 -3.79 | 22.71 1.75 -0.01 | 21.82 1.66 0.00 | 21.59 1.64 -0.38 |
| NSINS_S_GLNS_FALLS 23858 | 24.03 1.31 -0.08 | 20.12 1.06 0.00 | 18.28 0.93 0.00 | 19.00 0.88 0.00 | 21.21 1.03 -0.01 | 24.25 1.44 0.00 | 27.97 1.75 -0.01 | 30.02 1.82 -2.54 | 30.07 1.12 -13.41 | 35.94 1.12 -20.06 | 22.45 1.50 -0.65 | 22.22 1.51 -0.02 | 21.93 1.42 -0.02 | 20.43 1.19 -1.50 | 20.47 1.07 -3.22 | 22.93 1.12 -5.39 | 23.48 0.91 -9.18 | 20.68 1.13 -4.09 | 24.85 0.78 -14.36 | 23.53 1.17 -7.23 | 26.74 1.61 -4.78 | 22.57 1.56 -0.07 | 21.59 1.43 0.00 | 21.43 1.38 -0.48 |
| NUCOR_STEEL__DRP 24197 | 23.66 0.49 -0.54 | 19.44 0.38 0.00 | 17.73 0.36 -0.01 | 18.57 0.44 -0.01 | 20.70 0.49 -0.04 | 23.31 0.50 0.00 | 26.75 0.54 0.00 | 26.58 0.64 -0.28 | 17.40 0.43 -1.43 | 17.55 0.34 -2.44 | 21.37 0.39 -0.68 | 21.17 0.38 -0.10 | 20.88 0.28 -0.10 | 18.37 0.31 -0.32 | 16.75 0.22 -0.35 | 17.67 0.24 -1.01 | 14.83 0.15 -1.29 | 16.08 0.19 -0.44 | 11.60 0.15 -1.74 | 16.40 0.33 -0.95 | 21.99 0.48 -1.16 | 21.58 0.43 -0.21 | 20.56 0.39 -0.02 | 19.98 0.35 -0.05 |
| NUMBER_THREE_WT_PWR 323818 | 30.52 -0.10 -7.99 | 18.62 -0.44 0.00 | 16.67 -0.92 -0.24 | 17.27 -0.97 -0.12 | 19.82 -0.87 -0.51 | 21.84 -0.97 0.00 | 25.09 -1.12 0.00 | 24.63 -1.11 -0.09 | 15.37 -0.63 -0.46 | 16.01 -0.61 -1.86 | 21.07 -0.74 -1.51 | 21.35 -0.84 -1.50 | 21.12 -0.70 -1.50 | 18.25 -0.38 -1.21 | 15.91 -0.38 -0.11 | 16.21 -0.39 -0.18 | 13.51 -0.19 -0.31 | 15.53 -0.07 -0.14 | 10.18 -0.01 -0.49 | 15.42 0.05 -0.24 | 20.62 0.11 -0.16 | 20.96 0.02 0.00 | 19.93 -0.22 0.00 | 19.16 -0.43 -0.02 |
| NYISO_LBMP_REFERENCE 24008 | 22.63 0.00 0.00 | 19.06 0.00 0.00 | 17.36 0.00 0.00 | 18.12 0.00 0.00 | 20.17 0.00 0.00 | 22.81 0.00 0.00 | 26.21 0.00 0.00 | 25.66 0.00 0.00 | 15.55 0.00 0.00 | 14.76 0.00 0.00 | 20.30 0.00 0.00 | 20.69 0.00 0.00 | 20.49 0.00 0.00 | 17.74 0.00 0.00 | 16.18 0.00 0.00 | 16.42 0.00 0.00 | 13.39 0.00 0.00 | 15.45 0.00 0.00 | 9.71 0.00 0.00 | 15.12 0.00 0.00 | 20.35 0.00 0.00 | 20.94 0.00 0.00 | 20.16 0.00 0.00 | 19.57 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 24.82 2.19 0.00 | 20.95 1.89 0.00 | 19.07 1.72 0.00 | 19.88 1.76 0.00 | 22.02 1.84 0.00 | 25.13 2.32 0.00 | 28.81 2.59 -0.01 | 30.32 2.57 -2.10 | 28.08 1.49 -11.05 | 32.52 1.29 -16.47 | 22.87 2.17 -0.41 | 22.92 2.23 0.00 | 22.63 2.13 0.00 | 21.18 1.80 -1.63 | 20.71 1.71 -2.83 | 62.34 2.05 -43.88 | 22.33 1.44 -7.49 | 20.27 1.43 -3.39 | 22.53 1.04 -11.79 | 22.87 1.70 -6.05 | 26.50 2.37 -3.79 | 23.19 2.23 -0.01 | 22.26 2.11 0.00 | 22.04 2.08 -0.38 |
| NYPA_GOWANUS__GT5 24156 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NYPA_GOWANUS__GT6 24157 | 24.44 1.81 0.00 | 20.64 1.58 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.75 1.58 0.00 | 24.66 1.85 0.00 | 28.45 2.23 -0.01 | 30.18 2.43 -2.10 | 28.11 1.52 -11.05 | 32.69 1.46 -16.47 | 22.82 2.11 -0.41 | 22.81 2.12 0.00 | 22.66 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.59 1.75 -4.42 | 22.23 1.35 -7.49 | 20.38 1.54 -3.39 | 22.48 0.98 -11.79 | 22.73 1.56 -6.05 | 26.26 2.12 -3.79 | 22.98 2.03 -0.01 | 22.04 1.89 0.00 | 21.77 1.81 -0.38 |
| NYPA_HARLEM_RVR_GT1 24160 | 24.33 1.70 0.00 | 20.54 1.48 0.00 | 18.69 1.34 0.00 | 19.51 1.39 0.00 | 21.63 1.46 0.00 | 24.52 1.72 0.00 | 28.31 2.09 -0.01 | 30.04 2.28 -2.10 | 28.08 1.49 -11.05 | 32.66 1.43 -16.47 | 22.74 2.03 -0.41 | 22.75 2.07 0.00 | 22.60 2.10 0.00 | 21.26 1.89 -1.63 | 20.70 1.70 -2.82 | 22.53 1.69 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.43 0.94 -11.79 | 22.67 1.49 -6.05 | 26.18 2.04 -3.79 | 22.88 1.93 -0.01 | 21.96 1.81 0.00 | 21.72 1.76 -0.38 |
| NYPA_HARLEM_RVR_GT2 24161 | 24.33 1.70 0.00 | 20.54 1.48 0.00 | 18.69 1.34 0.00 | 19.51 1.39 0.00 | 21.63 1.46 0.00 | 24.52 1.72 0.00 | 28.31 2.09 -0.01 | 30.04 2.28 -2.10 | 28.08 1.49 -11.05 | 32.66 1.43 -16.47 | 22.74 2.03 -0.41 | 22.75 2.07 0.00 | 22.60 2.10 0.00 | 21.26 1.89 -1.63 | 20.70 1.70 -2.82 | 22.53 1.69 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.43 0.94 -11.79 | 22.67 1.49 -6.05 | 26.18 2.04 -3.79 | 22.88 1.93 -0.01 | 21.96 1.81 0.00 | 21.72 1.76 -0.38 |
| NYPA_KENT__GT 24152 | 24.44 1.80 0.00 | 20.63 1.57 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.74 1.57 0.00 | 24.64 1.83 0.00 | 28.42 2.20 -0.01 | 30.16 2.40 -2.10 | 28.10 1.51 -11.05 | 32.68 1.45 -16.47 | 22.81 2.10 -0.41 | 22.81 2.12 0.00 | 22.65 2.16 0.00 | 21.32 1.95 -1.63 | 20.75 1.74 -2.82 | 22.58 1.74 -4.42 | 22.23 1.34 -7.49 | 20.37 1.53 -3.39 | 22.47 0.98 -11.79 | 22.72 1.55 -6.05 | 26.23 2.10 -3.79 | 22.95 2.00 -0.01 | 22.02 1.87 0.00 | 21.75 1.79 -0.38 |
| NYPA_POUCH1__GT 24155 | 24.35 1.72 0.00 | 20.56 1.50 0.00 | 18.72 1.36 0.00 | 19.53 1.42 0.00 | 21.70 1.53 0.00 | 24.63 1.82 0.00 | 28.41 2.19 -0.01 | 30.10 2.35 -2.10 | 28.04 1.44 -11.05 | 32.60 1.37 -16.47 | 22.66 1.96 -0.41 | 22.64 1.95 0.00 | 22.51 2.02 0.00 | 21.19 1.82 -1.63 | 20.62 1.62 -2.82 | 22.47 1.64 -4.42 | 22.15 1.26 -7.49 | 20.27 1.42 -3.39 | 22.43 0.93 -11.79 | 22.67 1.50 -6.05 | 26.17 2.04 -3.79 | 22.90 1.94 -0.01 | 21.99 1.83 0.00 | 21.72 1.76 -0.38 |
| NYPA_VERNON__GT2 24162 | 24.43 1.79 0.00 | 20.63 1.57 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.64 2.15 0.00 | 21.32 1.95 -1.63 | 20.74 1.74 -2.82 | 22.57 1.74 -4.42 | 22.22 1.33 -7.49 | 20.37 1.53 -3.39 | 22.47 0.97 -11.79 | 22.70 1.53 -6.05 | 26.21 2.08 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.72 1.76 -0.38 |

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|---------------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| NYPA_VERNON____GT3 24163 | 24.43 1.79 0.00 | 20.63 1.57 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.64 2.15 0.00 | 21.32 1.95 -1.63 | 20.74 1.74 -2.82 | 22.57 1.74 -4.42 | 22.22 1.33 -7.49 | 20.37 1.53 -3.39 | 22.47 0.97 -11.79 | 22.70 1.53 -6.05 | 26.21 2.08 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.72 1.76 -0.38 |
| NYPA____ASTORIA_CC1 323568 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| NYPA____ASTORIA_CC2 323569 | 24.40 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.72 1.55 0.00 | 24.60 1.79 0.00 | 28.36 2.14 -0.01 | 30.10 2.34 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.77 2.06 -0.41 | 22.77 2.08 0.00 | 22.61 2.11 0.00 | 21.29 1.91 -1.63 | 20.72 1.71 -2.82 | 22.54 1.71 -4.42 | 22.19 1.31 -7.49 | 20.34 1.50 -3.39 | 22.45 0.95 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.70 1.74 -0.38 |
| NYPA____HOLTSVILL 23794 | 24.69 2.06 0.00 | 20.86 1.80 0.00 | 18.98 1.63 0.00 | 19.79 1.67 0.00 | 21.92 1.75 0.00 | 25.01 2.20 0.00 | 28.60 2.39 -0.01 | 30.20 2.45 -2.10 | 28.00 1.41 -11.05 | 32.42 1.19 -16.47 | 22.70 1.99 -0.41 | 22.72 2.03 0.00 | 22.42 1.93 0.00 | 20.99 1.61 -1.63 | 20.53 1.53 -2.83 | 62.15 1.85 -43.88 | 22.19 1.31 -7.49 | 20.16 1.32 -3.39 | 22.47 0.97 -11.79 | 22.76 1.59 -6.05 | 26.30 2.16 -3.79 | 22.97 2.02 -0.01 | 22.08 1.92 0.00 | 21.86 1.90 -0.38 |
| NYPA____HELLGATE_GT1 24158 | 24.33 1.70 0.00 | 20.54 1.48 0.00 | 18.69 1.34 0.00 | 19.51 1.39 0.00 | 21.63 1.46 0.00 | 24.53 1.72 0.00 | 28.31 2.09 -0.01 | 30.04 2.28 -2.10 | 28.08 1.49 -11.05 | 32.66 1.43 -16.47 | 22.73 2.02 -0.41 | 22.75 2.07 0.00 | 22.60 2.10 0.00 | 21.26 1.89 -1.63 | 20.70 1.70 -2.82 | 22.53 1.69 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.43 0.94 -11.79 | 22.67 1.49 -6.05 | 26.18 2.04 -3.79 | 22.88 1.93 -0.01 | 21.96 1.81 0.00 | 21.72 1.76 -0.38 |
| NYPA____HELLGATE_GT2 24159 | 24.33 1.70 0.00 | 20.54 1.48 0.00 | 18.69 1.34 0.00 | 19.51 1.39 0.00 | 21.63 1.46 0.00 | 24.53 1.72 0.00 | 28.31 2.09 -0.01 | 30.04 2.28 -2.10 | 28.08 1.49 -11.05 | 32.66 1.43 -16.47 | 22.73 2.02 -0.41 | 22.75 2.07 0.00 | 22.60 2.10 0.00 | 21.26 1.89 -1.63 | 20.70 1.70 -2.82 | 22.53 1.69 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.43 0.94 -11.79 | 22.67 1.49 -6.05 | 26.18 2.04 -3.79 | 22.88 1.93 -0.01 | 21.96 1.81 0.00 | 21.72 1.76 -0.38 |
| NYS_BARGE____HYD 23848 | 22.39 -0.24 0.00 | 18.94 -0.12 0.00 | 17.28 -0.08 0.00 | 18.11 -0.01 0.00 | 20.23 0.06 0.00 | 22.82 0.01 0.00 | 25.73 -0.42 0.05 | 25.58 -0.29 -0.21 | 17.39 -0.01 -1.86 | 14.54 -0.19 0.04 | 13.81 -0.30 6.19 | 20.17 -0.52 0.00 | 19.80 -0.69 0.00 | 16.45 -0.70 0.59 | 15.66 -0.89 -0.37 | 11.15 -0.61 4.66 | 10.24 -0.56 2.60 | 15.15 -0.80 -0.50 | 8.64 -0.42 0.65 | 13.09 -0.60 1.44 | 12.09 -0.71 7.56 | 17.26 -0.96 2.72 | 18.96 -0.86 0.34 | 19.16 -0.36 0.05 |
| OAK ORCHARD____HYD 24046 | 22.93 0.30 0.00 | 19.35 0.29 0.00 | 17.64 0.28 0.00 | 18.47 0.35 0.00 | 20.61 0.44 0.00 | 23.32 0.51 0.00 | 26.54 0.35 0.01 | 26.40 0.47 -0.27 | 17.52 0.37 -1.60 | 16.66 0.17 -1.74 | 19.06 0.17 1.40 | 20.73 0.04 0.00 | 20.41 -0.09 0.00 | 17.57 -0.16 0.02 | 16.24 -0.28 -0.34 | 15.62 -0.13 0.67 | 13.39 -0.15 -0.14 | 15.65 -0.25 -0.45 | 10.65 -0.11 -1.06 | 15.22 -0.10 -0.20 | 18.77 -0.11 1.47 | 19.92 -0.30 0.73 | 19.74 -0.27 0.14 | 19.61 0.05 0.02 |
| OAKDALE____35_KV_LOAD 356122 | 23.49 0.56 -0.30 | 19.52 0.46 0.00 | 17.81 0.45 -0.01 | 18.67 0.54 0.00 | 20.78 0.58 -0.02 | 23.49 0.69 0.00 | 26.96 0.75 -0.01 | 27.19 0.84 -0.69 | 19.60 0.53 -3.53 | 20.88 0.45 -5.66 | 21.93 0.64 -0.99 | 21.38 0.63 -0.06 | 21.11 0.56 -0.06 | 18.82 0.49 -0.58 | 17.42 0.36 -0.87 | 18.86 0.36 -2.08 | 16.58 0.32 -2.87 | 16.89 0.35 -1.08 | 14.03 0.24 -4.09 | 17.75 0.48 -2.14 | 23.22 0.61 -2.26 | 21.83 0.56 -0.32 | 20.71 0.52 -0.02 | 20.30 0.59 -0.13 |
| OCC_CHEM____DRP 24175 | 22.42 -0.57 -0.36 | 18.68 -0.37 0.00 | 17.05 -0.32 -0.01 | 17.88 -0.25 -0.01 | 19.98 -0.22 -0.02 | 22.50 -0.31 0.00 | 25.32 -0.86 0.02 | 25.21 -0.75 -0.30 | 17.10 -0.34 -1.90 | 14.12 -0.50 0.14 | 12.95 -0.74 6.61 | 19.70 -1.06 -0.07 | 19.34 -1.23 -0.07 | 16.13 -1.07 0.54 | 15.39 -1.24 -0.44 | 10.62 -0.88 4.91 | 9.87 -0.77 2.75 | 15.00 -1.04 -0.58 | 8.41 -0.60 0.70 | 13.13 -0.88 1.11 | 11.39 -1.05 7.91 | 17.01 -1.25 2.68 | 18.79 -1.17 0.20 | 18.99 -0.66 -0.07 |
| OH_GEN_PROXY 24063 | 22.30 -0.34 0.00 | 18.86 -0.20 0.00 | 17.21 -0.15 0.00 | 18.05 -0.07 0.00 | 20.16 -0.01 0.00 | 22.75 -0.06 0.00 | 25.69 -0.47 0.05 | 25.52 -0.37 -0.23 | 17.34 -0.10 -1.89 | 14.73 -0.31 -0.28 | 14.24 -0.47 5.59 | 20.05 -0.64 0.00 | 19.70 -0.79 0.00 | 16.45 -0.76 0.53 | 15.63 -0.90 -0.35 | 11.52 -0.71 4.19 | 10.52 -0.62 2.25 | 15.11 -0.84 -0.49 | 8.80 -0.49 0.41 | 13.13 -0.68 1.31 | 12.50 -0.89 6.97 | 17.30 -1.07 2.57 | 18.85 -0.95 0.36 | 19.03 -0.45 0.09 |
| OLIN_CORP_DRP 24177 | 22.41 -0.59 -0.36 | 18.67 -0.39 0.00 | 17.03 -0.33 -0.01 | 17.85 -0.27 -0.01 | 19.95 -0.25 -0.02 | 22.44 -0.37 0.00 | 25.26 -0.92 0.02 | 25.28 -0.68 -0.30 | 17.19 -0.26 -1.90 | 14.16 -0.48 0.13 | 12.96 -0.74 6.60 | 19.88 -0.88 -0.07 | 19.52 -1.05 -0.07 | 16.20 -1.00 0.54 | 15.46 -1.17 -0.45 | 10.62 -0.89 4.90 | 9.84 -0.82 2.74 | 14.98 -1.06 -0.58 | 8.43 -0.58 0.69 | 13.13 -0.89 1.11 | 11.36 -1.10 7.89 | 16.91 -1.36 2.67 | 18.75 -1.21 0.20 | 18.96 -0.68 -0.07 |
| OLIN_CORP_DSASP 323712 | 22.08 -0.55 0.00 | 18.69 -0.37 0.00 | 17.05 -0.30 0.00 | 17.87 -0.25 0.00 | 19.95 -0.22 0.00 | 22.53 -0.28 0.00 | 25.35 -0.80 0.06 | 25.07 -0.79 -0.21 | 17.10 -0.34 -1.90 | 14.11 -0.45 0.20 | 13.00 -0.62 6.68 | 19.67 -1.02 0.00 | 19.31 -1.18 0.00 | 16.04 -1.05 0.65 | 15.34 -1.21 -0.36 | 10.50 -0.86 5.06 | 9.78 -0.73 2.88 | 14.92 -1.04 -0.51 | 8.32 -0.58 0.81 | 12.67 -0.85 1.60 | 11.19 -1.02 8.15 | 16.76 -1.24 2.94 | 18.61 -1.17 0.37 | 18.85 -0.66 0.07 |
| ONEIDA_HERK_LFGE 323681 | 25.94 0.21 -3.10 | 19.09 0.03 0.00 | 17.15 -0.21 0.00 | 17.91 -0.20 0.00 | 20.04 -0.13 0.00 | 22.64 -0.17 0.00 | 26.04 -0.16 0.00 | 25.58 -0.15 -0.08 | 15.91 -0.04 -0.40 | 15.31 -0.05 -0.60 | 20.29 -0.02 -0.01 | 20.60 -0.08 0.00 | 20.38 -0.12 0.00 | 17.71 -0.08 -0.04 | 16.30 0.02 -0.10 | 16.59 0.02 -0.16 | 13.75 0.09 -0.27 | 15.74 0.17 -0.12 | 10.26 0.13 -0.43 | 15.60 0.26 -0.21 | 20.86 0.37 -0.14 | 21.26 0.32 0.00 | 20.33 0.17 0.00 | 19.66 0.07 -0.02 |
| ONEIDA____115KV_TB4 55905 | 24.57 0.49 -1.45 | 19.44 0.38 0.00 | 17.66 0.26 -0.05 | 18.45 0.30 -0.02 | 20.66 0.39 -0.10 | 23.24 0.43 0.00 | 26.75 0.54 0.00 | 26.39 0.59 -0.13 | 16.64 0.46 -0.64 | 16.43 0.39 -1.27 | 21.31 0.52 -0.49 | 21.56 0.53 -0.34 | 21.32 0.48 -0.34 | 18.47 0.37 -0.36 | 16.66 0.32 -0.15 | 17.09 0.31 -0.36 | 14.22 0.32 -0.51 | 16.05 0.40 -0.19 | 10.70 0.27 -0.73 | 16.05 0.54 -0.39 | 21.46 0.72 -0.38 | 21.66 0.66 -0.05 | 20.72 0.56 0.00 | 20.11 0.51 -0.02 |

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| ONONDAGA_REF_OCCRA 23987 | 23.45 0.18 -0.64 | 19.20 0.14 0.00 | 17.50 0.13 -0.02 | 18.30 0.17 -0.01 | 20.42 0.20 -0.04 | 23.05 0.24 0.00 | 26.46 0.25 0.00 | 26.17 0.27 -0.24 | 16.99 0.17 -1.27 | 16.98 0.13 -2.10 | 20.88 0.17 -0.41 | 20.96 0.15 -0.12 | 20.73 0.11 -0.12 | 18.12 0.10 -0.28 | 16.53 0.04 -0.31 | 17.17 0.04 -0.71 | 14.45 0.05 -1.01 | 15.94 0.09 -0.39 | 11.23 0.07 -1.46 | 16.06 0.16 -0.77 | 21.31 0.21 -0.75 | 21.19 0.15 -0.10 | 20.27 0.11 -0.01 | 19.78 0.15 -0.05 |
| ONONDAGA___COGEN 23986 | 23.35 0.10 -0.62 | 19.13 0.07 0.00 | 17.44 0.07 -0.02 | 18.24 0.12 -0.01 | 20.35 0.14 -0.04 | 22.99 0.18 0.00 | 26.39 0.18 0.00 | 26.08 0.19 -0.23 | 16.86 0.12 -1.20 | 16.82 0.08 -1.98 | 20.79 0.10 -0.39 | 20.88 0.07 -0.12 | 20.64 0.03 -0.12 | 18.04 0.04 -0.26 | 16.47 0.00 -0.29 | 17.08 0.00 -0.67 | 14.35 0.00 -0.95 | 15.85 0.03 -0.37 | 11.11 0.04 -1.37 | 15.95 0.10 -0.72 | 21.19 0.13 -0.70 | 21.12 0.08 -0.09 | 20.21 0.04 -0.01 | 19.71 0.08 -0.05 |
| ONTARIO___LFGE 23819 | 23.20 0.56 0.00 | 19.53 0.46 0.00 | 17.83 0.47 0.00 | 18.72 0.60 0.00 | 20.84 0.67 0.00 | 23.54 0.73 0.00 | 27.01 0.77 -0.03 | 26.98 0.91 -0.41 | 17.91 0.60 -1.77 | 19.25 0.39 -4.10 | 24.15 0.50 -3.35 | 21.16 0.47 0.00 | 20.80 0.31 0.00 | 18.62 0.26 -0.62 | 16.76 0.13 -0.44 | 20.09 0.18 -3.50 | 16.76 0.19 -3.17 | 16.19 0.20 -0.54 | 13.11 0.17 -3.24 | 17.64 0.38 -2.13 | 25.68 0.46 -4.86 | 22.65 0.38 -1.33 | 20.58 0.32 -0.10 | 20.12 0.48 -0.06 |
| ORANGEVILLE_WT_PWR 323706 | 22.52 -0.12 0.00 | 19.00 -0.06 0.00 | 17.43 0.08 0.00 | 18.35 0.23 0.00 | 20.39 0.21 0.00 | 22.87 0.06 0.00 | 25.71 -0.27 0.22 | 25.45 -0.06 0.15 | 17.82 0.07 -2.20 | 6.52 -0.18 8.06 | -5.23 -0.28 25.25 | 20.39 -0.30 0.00 | 20.14 -0.36 0.00 | 14.55 -0.36 2.83 | 16.10 -0.57 -0.49 | -4.67 -0.46 20.62 | -0.62 -0.34 13.67 | 15.79 -0.34 -0.67 | 1.62 -0.17 7.91 | 7.14 -0.14 7.85 | -11.54 -0.21 31.68 | 10.51 -0.35 10.08 | 19.06 -0.35 0.75 | 19.72 0.06 -0.08 |
| ORANGEVILLE___ESR 323794 | 22.52 -0.12 0.00 | 19.00 -0.06 0.00 | 17.43 0.08 0.00 | 18.35 0.23 0.00 | 20.39 0.21 0.00 | 22.87 0.06 0.00 | 25.71 -0.27 0.22 | 25.45 -0.06 0.15 | 17.82 0.07 -2.20 | 6.52 -0.18 8.06 | -5.23 -0.28 25.25 | 20.39 -0.30 0.00 | 20.14 -0.36 0.00 | 14.55 -0.36 2.83 | 16.10 -0.57 -0.49 | -4.67 -0.46 20.62 | -0.62 -0.34 13.67 | 15.79 -0.34 -0.67 | 1.62 -0.17 7.91 | 7.14 -0.14 7.85 | -11.54 -0.21 31.68 | 10.51 -0.35 10.08 | 19.06 -0.35 0.75 | 19.72 0.06 -0.08 |
| OSWEGATCHIE___HYD 24044 | 3.29 -0.95 18.40 | 18.09 -0.97 0.00 | 17.02 -1.12 -0.79 | 17.33 -1.20 -0.41 | 20.67 -1.20 -1.69 | 21.55 -1.26 0.00 | 24.83 -1.38 0.00 | 24.32 -1.39 -0.05 | 14.91 -0.90 -0.27 | 18.13 -0.88 -4.25 | 24.02 -1.15 -4.87 | 24.43 -1.17 -4.92 | 24.24 -1.17 -4.92 | 20.49 -1.06 -3.81 | 15.40 -0.84 -0.06 | 15.66 -0.86 -0.10 | 12.98 -0.59 -0.18 | 14.95 -0.58 -0.08 | 9.60 -0.39 -0.29 | 14.71 -0.56 -0.14 | 19.74 -0.71 -0.09 | 20.13 -0.82 0.00 | 19.36 -0.79 0.00 | 18.65 -0.93 -0.01 |
| OSWEGO___5 23606 | 22.39 -0.24 0.00 | 18.85 -0.20 0.00 | 17.16 -0.19 0.00 | 17.94 -0.18 0.00 | 19.98 -0.19 0.00 | 22.59 -0.22 0.00 | 25.92 -0.29 0.00 | 25.52 -0.30 -0.16 | 16.22 -0.16 -0.83 | 15.82 -0.18 -1.24 | 20.08 -0.25 -0.03 | 20.41 -0.28 0.00 | 20.18 -0.31 0.00 | 17.58 -0.26 -0.10 | 16.11 -0.28 -0.20 | 16.48 -0.27 -0.33 | 13.75 -0.21 -0.56 | 15.47 -0.23 -0.25 | 10.46 -0.14 -0.89 | 15.39 -0.18 -0.45 | 20.39 -0.24 -0.28 | 20.64 -0.30 0.00 | 19.85 -0.30 0.00 | 19.36 -0.24 -0.03 |
| OSWEGO___6 23613 | 22.39 -0.24 0.00 | 18.85 -0.20 0.00 | 17.16 -0.19 0.00 | 17.94 -0.18 0.00 | 19.98 -0.19 0.00 | 22.59 -0.22 0.00 | 25.92 -0.29 0.00 | 25.52 -0.30 -0.16 | 16.22 -0.16 -0.83 | 15.82 -0.18 -1.24 | 20.08 -0.25 -0.03 | 20.41 -0.28 0.00 | 20.18 -0.31 0.00 | 17.58 -0.26 -0.10 | 16.11 -0.28 -0.20 | 16.48 -0.27 -0.33 | 13.75 -0.21 -0.56 | 15.47 -0.23 -0.25 | 10.46 -0.14 -0.89 | 15.39 -0.18 -0.45 | 20.39 -0.24 -0.28 | 20.64 -0.30 0.00 | 19.85 -0.30 0.00 | 19.36 -0.24 -0.03 |
| OUTOKUMPU-AB___DRP 24206 | 22.97 -0.02 -0.36 | 19.13 0.07 0.00 | 17.45 0.09 -0.01 | 18.32 0.19 -0.01 | 20.47 0.27 -0.02 | 23.06 0.25 0.00 | 26.01 -0.17 0.03 | 25.97 0.01 -0.30 | 17.59 0.13 -1.92 | 14.35 -0.10 0.31 | 13.03 -0.19 7.08 | 20.37 -0.39 -0.07 | 19.99 -0.57 -0.07 | 16.61 -0.54 0.59 | 15.88 -0.75 -0.45 | 10.65 -0.46 5.30 | 9.94 -0.45 3.01 | 15.44 -0.60 -0.59 | 8.52 -0.33 0.86 | 13.43 -0.45 1.25 | 11.35 -0.50 8.50 | 17.40 -0.68 2.86 | 19.32 -0.62 0.21 | 19.50 -0.15 -0.07 |
| OXBOW____ 24026 | 22.41 -0.22 0.00 | 18.96 -0.10 0.00 | 17.29 -0.06 0.00 | 18.14 0.02 0.00 | 20.25 0.08 0.00 | 22.87 0.06 0.00 | 25.77 -0.38 0.06 | 25.52 -0.34 -0.21 | 17.39 -0.06 -1.91 | 14.27 -0.20 0.28 | 13.09 -0.29 6.92 | 20.06 -0.63 0.00 | 19.70 -0.80 0.00 | 16.33 -0.73 0.68 | 15.63 -0.92 -0.37 | 10.56 -0.60 5.25 | 9.85 -0.53 3.01 | 15.18 -0.78 -0.51 | 8.40 -0.42 0.89 | 12.85 -0.60 1.68 | 11.22 -0.68 8.44 | 17.02 -0.89 3.03 | 18.94 -0.84 0.37 | 19.16 -0.35 0.06 |
| OXY_CHEM_DSASP 323612 | 22.42 -0.57 -0.36 | 18.68 -0.37 0.00 | 17.05 -0.32 -0.01 | 17.88 -0.25 -0.01 | 19.98 -0.22 -0.02 | 22.50 -0.31 0.00 | 25.32 -0.86 0.02 | 25.21 -0.75 -0.30 | 17.10 -0.34 -1.90 | 14.12 -0.50 0.14 | 12.95 -0.74 6.61 | 19.70 -1.06 -0.07 | 19.34 -1.23 -0.07 | 16.13 -1.07 0.54 | 15.39 -1.24 -0.44 | 10.62 -0.88 4.91 | 9.87 -0.77 2.75 | 15.00 -1.04 -0.58 | 8.41 -0.60 0.70 | 13.13 -0.88 1.11 | 11.39 -1.05 7.91 | 17.01 -1.25 2.68 | 18.79 -1.17 0.20 | 18.99 -0.66 -0.07 |
| OZONE_PARK_ESR 323760 | 24.66 1.93 -0.10 | 20.73 1.68 0.00 | 18.88 1.52 0.00 | 19.70 1.58 0.00 | 21.86 1.68 -0.01 | 24.80 1.99 0.00 | 28.62 2.40 -0.01 | 30.32 2.57 -2.10 | 28.21 1.62 -11.05 | 32.89 1.56 -16.57 | 23.16 2.25 -0.61 | 22.97 2.26 -0.02 | 22.81 2.30 -0.02 | 21.47 2.06 -1.67 | 20.85 1.84 -2.82 | 22.84 1.85 -4.57 | 22.42 1.42 -7.60 | 20.48 1.64 -3.39 | 22.61 1.05 -11.86 | 22.88 1.65 -6.10 | 26.61 2.23 -4.02 | 23.18 2.15 -0.09 | 22.16 2.00 -0.01 | 21.85 1.89 -0.38 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 22.42 -0.57 -0.36 | 18.68 -0.37 0.00 | 17.05 -0.32 -0.01 | 17.88 -0.25 -0.01 | 19.98 -0.22 -0.02 | 22.50 -0.31 0.00 | 25.32 -0.86 0.02 | 25.21 -0.75 -0.30 | 17.10 -0.34 -1.90 | 14.12 -0.50 0.14 | 12.95 -0.74 6.61 | 19.70 -1.06 -0.07 | 19.34 -1.23 -0.07 | 16.13 -1.07 0.54 | 15.39 -1.24 -0.44 | 10.62 -0.88 4.91 | 9.87 -0.77 2.75 | 15.00 -1.04 -0.58 | 8.41 -0.60 0.70 | 13.13 -0.88 1.11 | 11.39 -1.05 7.91 | 17.01 -1.25 2.68 | 18.79 -1.17 0.20 | 18.99 -0.66 -0.07 |
| PACKARD___115KV_DUPONT_184 80571 | 22.42 -0.57 -0.36 | 18.68 -0.37 0.00 | 17.05 -0.32 -0.01 | 17.88 -0.25 -0.01 | 19.98 -0.22 -0.02 | 22.50 -0.31 0.00 | 25.32 -0.86 0.02 | 25.21 -0.75 -0.30 | 17.10 -0.34 -1.90 | 14.12 -0.50 0.14 | 12.95 -0.74 6.61 | 19.70 -1.06 -0.07 | 19.34 -1.23 -0.07 | 16.13 -1.07 0.54 | 15.39 -1.24 -0.44 | 10.62 -0.88 4.91 | 9.87 -0.77 2.75 | 15.00 -1.04 -0.58 | 8.41 -0.60 0.70 | 13.13 -0.88 1.11 | 11.39 -1.05 7.91 | 17.01 -1.25 2.68 | 18.79 -1.17 0.20 | 18.99 -0.66 -0.07 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 24.46 1.72 -0.10 | 20.57 1.51 0.00 | 18.72 1.37 0.00 | 19.55 1.43 0.00 | 21.69 1.51 -0.01 | 24.58 1.77 0.00 | 28.36 2.15 -0.01 | 30.05 2.30 -2.10 | 28.08 1.49 -11.05 | 32.76 1.43 -16.57 | 22.96 2.06 -0.61 | 22.77 2.07 -0.02 | 22.61 2.10 -0.02 | 21.31 1.89 -1.67 | 20.70 1.70 -2.82 | 22.67 1.69 -4.57 | 22.28 1.29 -7.60 | 20.31 1.47 -3.39 | 22.51 0.94 -11.86 | 22.72 1.49 -6.10 | 26.42 2.04 -4.02 | 22.96 1.94 -0.09 | 21.98 1.81 -0.01 | 21.72 1.77 -0.38 |

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|---|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 24.45 1.71 -0.10 | 20.57 1.51 0.00 | 18.71 1.35 0.00 | 19.56 1.44 0.00 | 21.72 1.54 -0.01 | 24.53 1.72 0.00 | 28.35 2.13 -0.01 | 30.09 2.34 -2.10 | 28.10 1.51 -11.05 | 32.75 1.42 -16.57 | 22.94 2.03 -0.61 | 22.73 2.03 -0.02 | 22.57 2.05 -0.02 | 21.27 1.86 -1.67 | 20.67 1.66 -2.82 | 22.65 1.66 -4.57 | 22.26 1.27 -7.60 | 20.29 1.44 -3.39 | 22.49 0.92 -11.86 | 22.69 1.46 -6.10 | 26.36 1.99 -4.02 | 22.91 1.89 -0.09 | 21.93 1.76 -0.01 | 21.68 1.72 -0.38 |
| PATROON__115KV_TB1 80586 | 23.35 0.63 -0.08 | 19.59 0.53 0.00 | 17.85 0.49 0.00 | 18.61 0.49 0.00 | 20.69 0.51 -0.01 | 23.50 0.69 0.00 | 27.09 0.87 -0.01 | 29.06 0.93 -2.47 | 29.17 0.58 -13.05 | 34.91 0.61 -19.54 | 21.82 0.88 -0.64 | 21.55 0.84 -0.02 | 21.34 0.83 -0.02 | 19.93 0.74 -1.45 | 19.97 0.66 -3.13 | 22.37 0.69 -5.26 | 22.92 0.59 -8.94 | 20.08 0.64 -3.98 | 24.11 0.42 -13.98 | 22.81 0.65 -7.03 | 25.87 0.86 -4.66 | 21.90 0.89 -0.07 | 20.94 0.78 -0.01 | 20.70 0.66 -0.46 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 23.57 0.58 -0.36 | 19.62 0.56 0.00 | 17.90 0.54 -0.01 | 18.81 0.68 -0.01 | 21.02 0.82 -0.02 | 23.67 0.86 0.00 | 26.79 0.61 0.03 | 26.85 0.87 -0.33 | 18.21 0.60 -2.06 | 14.89 0.31 0.19 | 13.43 0.40 7.27 | 21.13 0.37 -0.07 | 20.76 0.20 -0.07 | 17.30 0.14 0.59 | 16.56 -0.11 -0.49 | 11.12 0.11 5.41 | 10.40 0.05 3.03 | 16.04 -0.05 -0.63 | 8.87 -0.05 0.79 | 13.94 0.08 1.27 | 11.77 0.09 8.67 | 18.06 0.06 2.93 | 20.05 0.11 0.22 | 20.16 0.51 -0.08 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 24.45 1.72 -0.10 | 20.56 1.50 0.00 | 18.71 1.35 0.00 | 19.54 1.42 0.00 | 21.68 1.50 -0.01 | 24.63 1.81 0.00 | 28.43 2.21 -0.01 | 30.15 2.39 -2.11 | 28.14 1.47 -11.13 | 32.84 1.39 -16.69 | 22.94 2.03 -0.61 | 22.72 2.01 -0.02 | 22.56 2.05 -0.02 | 21.28 1.85 -1.68 | 20.68 1.66 -2.84 | 22.68 1.67 -4.60 | 22.34 1.30 -7.66 | 20.37 1.50 -3.41 | 22.63 0.97 -11.95 | 22.81 1.54 -6.14 | 26.48 2.08 -4.05 | 23.02 1.99 -0.09 | 21.98 1.82 -0.01 | 21.67 1.71 -0.39 |
| PEEKSKILL____ 23653 | 24.22 1.58 0.00 | 20.44 1.38 0.00 | 18.59 1.24 0.00 | 19.42 1.30 0.00 | 21.54 1.36 0.00 | 24.43 1.62 0.00 | 28.17 1.95 -0.01 | 29.88 2.14 -2.08 | 27.84 1.31 -10.98 | 32.40 1.27 -16.37 | 22.57 1.86 -0.40 | 22.55 1.86 0.00 | 22.38 1.88 0.00 | 21.07 1.71 -1.62 | 20.51 1.52 -2.81 | 22.35 1.54 -4.39 | 22.02 1.18 -7.45 | 20.17 1.35 -3.37 | 22.29 0.87 -11.72 | 22.51 1.38 -6.01 | 25.97 1.86 -3.76 | 22.73 1.78 -0.01 | 21.80 1.64 0.00 | 21.52 1.56 -0.38 |
| PGE MADISON__WINDPWR 24146 | 24.04 1.40 0.00 | 20.30 1.24 0.00 | 18.46 1.11 0.00 | 19.32 1.20 0.00 | 21.69 1.52 0.00 | 24.79 1.98 0.00 | 28.66 2.44 -0.02 | 28.87 2.54 -0.67 | 20.50 1.57 -3.39 | 21.68 1.31 -5.61 | 23.20 1.52 -1.37 | 22.33 1.64 0.00 | 21.98 1.49 0.00 | 19.44 1.12 -0.57 | 17.87 0.86 -0.83 | 19.65 0.83 -2.41 | 17.07 0.63 -3.05 | 17.44 0.95 -1.04 | 14.60 0.77 -4.13 | 18.96 1.55 -2.28 | 25.28 2.14 -2.78 | 23.27 1.82 -0.51 | 21.75 1.56 -0.04 | 21.22 1.52 -0.13 |
| PIERCEFIELD__HYD 23852 | 11.79 -1.12 9.72 | 18.05 -1.01 0.00 | 17.40 -1.03 -1.07 | 17.59 -1.08 -0.54 | 21.32 -1.10 -2.25 | 21.61 -1.20 0.00 | 24.93 -1.28 0.00 | 24.39 -1.29 -0.03 | 14.81 -0.89 -0.15 | 19.25 -0.85 -5.35 | 25.62 -1.15 -6.47 | 26.11 -1.12 -6.53 | 25.94 -1.08 -6.52 | 21.78 -1.00 -5.04 | 15.45 -0.77 -0.04 | 15.69 -0.80 -0.07 | 12.89 -0.61 -0.11 | 14.87 -0.64 -0.05 | 9.46 -0.42 -0.17 | 14.53 -0.68 -0.09 | 19.54 -0.88 -0.07 | 20.04 -0.90 -0.01 | 19.31 -0.85 0.00 | 18.65 -0.94 -0.01 |
| PINELAWN_CC_1 323563 | 24.70 2.07 0.00 | 20.84 1.78 0.00 | 18.97 1.62 0.00 | 19.77 1.65 0.00 | 21.91 1.74 0.00 | 25.02 2.21 0.00 | 28.71 2.49 -0.01 | 30.31 2.55 -2.10 | 28.08 1.49 -11.05 | 32.52 1.29 -16.47 | 22.80 2.09 -0.41 | 22.83 2.14 0.00 | 22.58 2.08 0.00 | 21.14 1.76 -1.63 | 20.68 1.68 -2.83 | 62.28 1.99 -43.88 | 22.19 1.31 -7.49 | 20.15 1.31 -3.39 | 22.44 0.94 -11.79 | 22.69 1.52 -6.05 | 26.15 2.01 -3.79 | 22.95 1.99 -0.01 | 22.17 2.02 0.00 | 21.95 1.99 -0.38 |
| PJM_GEN_HTP_PROXY 323702 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.95 1.37 -0.22 | 19.69 1.44 -0.14 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.08 2.32 -2.10 | 28.04 1.45 -11.05 | 32.64 1.42 -16.47 | 22.76 2.05 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.27 1.89 -1.63 | 20.69 1.69 -2.82 | 22.53 1.69 -4.42 | 22.18 1.30 -7.49 | 20.33 1.49 -3.39 | 22.44 0.95 -11.79 | 22.67 1.50 -6.05 | 26.16 2.02 -3.79 | 22.89 1.94 -0.01 | 21.95 1.80 0.00 | 21.67 1.71 -0.38 |
| PJM_GEN_KEystone 24065 | 23.57 0.94 0.00 | 19.88 0.82 0.00 | 18.33 0.75 -0.22 | 19.11 0.85 -0.14 | 21.10 0.93 0.00 | 23.87 1.06 0.00 | 27.36 1.16 0.00 | 28.29 1.34 -1.29 | 23.33 0.84 -6.94 | 25.27 0.76 -9.75 | 20.32 1.12 1.10 | 21.78 1.09 0.00 | 21.52 1.03 0.00 | 19.45 0.94 -0.77 | 18.61 0.76 -1.67 | 18.76 0.83 -1.51 | 17.79 0.63 -3.76 | 18.12 0.62 -2.05 | 16.86 0.41 -6.74 | 18.89 0.72 -3.04 | 21.68 0.95 -0.37 | 21.00 0.88 0.82 | 20.78 0.85 0.22 | 20.63 0.96 -0.10 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 24.48 1.85 0.00 | 20.66 1.60 0.00 | 19.02 1.45 -0.22 | 19.75 1.49 -0.14 | 21.72 1.55 0.00 | 24.75 1.94 0.00 | 28.41 2.19 -0.01 | 30.04 2.28 -2.10 | 27.94 1.34 -11.05 | 32.42 1.19 -16.47 | 22.67 1.96 -0.41 | 22.69 2.00 0.00 | 22.44 1.94 0.00 | 21.06 1.68 -1.63 | 20.58 1.58 -2.83 | 44.57 1.79 -26.36 | 22.13 1.24 -7.49 | 20.16 1.31 -3.39 | 22.43 0.93 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.87 1.92 -0.01 | 21.94 1.78 0.00 | 21.73 1.77 -0.38 |
| PJM_GEN_VFT_PROXY 323633 | 24.26 1.62 0.00 | 20.48 1.42 0.00 | 18.88 1.31 -0.22 | 19.62 1.36 -0.14 | 21.61 1.44 0.00 | 24.51 1.70 0.00 | 28.25 2.03 -0.01 | 29.97 2.22 -2.10 | 27.97 1.38 -11.05 | 32.57 1.34 -16.47 | 22.65 1.94 -0.41 | 22.63 1.94 0.00 | 22.48 1.99 0.00 | 21.18 1.81 -1.63 | 20.60 1.60 -2.82 | 22.45 1.61 -4.42 | 22.12 1.23 -7.49 | 20.25 1.40 -3.39 | 22.39 0.90 -11.79 | 22.59 1.42 -6.05 | 26.06 1.93 -3.79 | 22.79 1.84 -0.01 | 21.87 1.71 0.00 | 21.57 1.61 -0.38 |
| PLATSBURG_115KV_PMLD1 355749 | -15.60 -1.10 37.14 | 18.15 -0.91 0.00 | 10.05 -0.91 6.39 | 13.92 -1.00 3.20 | 6.07 -0.89 13.21 | 22.82 0.01 0.00 | 26.37 0.16 0.00 | 26.23 0.56 -0.01 | 15.31 -0.31 -0.07 | -18.22 -0.57 32.41 | -21.53 -0.78 41.06 | -21.61 -0.70 41.60 | -21.66 -0.69 41.47 | -14.82 -0.65 31.91 | 16.03 -0.16 -0.02 | 16.31 -0.13 -0.03 | 13.35 -0.09 -0.05 | 15.56 0.09 -0.02 | 9.90 0.11 -0.08 | 15.43 0.26 -0.04 | 20.83 0.45 -0.03 | 21.31 0.37 0.00 | 20.45 0.29 0.00 | 20.05 0.47 0.00 |
| PLEASANTVLY__LBMP 24000 | 24.12 1.39 -0.10 | 20.29 1.23 0.00 | 18.47 1.11 0.00 | 19.28 1.16 0.00 | 21.39 1.21 -0.01 | 24.27 1.46 0.00 | 27.99 1.77 -0.01 | 29.73 1.93 -2.15 | 28.06 1.19 -11.32 | 32.89 1.17 -16.97 | 22.61 1.70 -0.61 | 22.38 1.68 -0.02 | 22.22 1.70 -0.02 | 21.01 1.55 -1.72 | 20.46 1.38 -2.90 | 22.48 1.39 -4.67 | 22.25 1.08 -7.78 | 20.16 1.24 -3.47 | 22.65 0.79 -12.15 | 22.64 1.26 -6.25 | 26.16 1.70 -4.11 | 22.65 1.63 -0.08 | 21.65 1.49 -0.01 | 21.38 1.41 -0.39 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 24.35 1.62 -0.10 | 20.46 1.40 0.00 | 18.63 1.27 0.00 | 19.45 1.33 0.00 | 21.58 1.40 -0.01 | 24.49 1.68 0.00 | 28.25 2.03 -0.01 | 29.96 2.19 -2.11 | 27.99 1.35 -11.10 | 32.71 1.31 -16.64 | 22.82 1.91 -0.61 | 22.61 1.91 -0.02 | 22.46 1.95 -0.02 | 21.18 1.76 -1.68 | 20.58 1.56 -2.84 | 22.59 1.58 -4.59 | 22.24 1.21 -7.63 | 20.24 1.38 -3.40 | 22.52 0.90 -11.91 | 22.68 1.42 -6.13 | 26.30 1.91 -4.04 | 22.87 1.84 -0.09 | 21.84 1.68 -0.01 | 21.56 1.60 -0.39 |

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|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 24.35 1.62 -0.10 | 20.46 1.40 0.00 | 18.63 1.27 0.00 | 19.45 1.33 0.00 | 21.58 1.40 -0.01 | 24.49 1.68 0.00 | 28.25 2.03 -0.01 | 29.96 2.19 -2.11 | 27.99 1.35 -11.10 | 32.71 1.31 -16.64 | 22.82 1.91 -0.61 | 22.61 1.91 -0.02 | 22.46 1.95 -0.02 | 21.18 1.76 -1.68 | 20.58 1.56 -2.84 | 22.59 1.58 -4.59 | 22.24 1.21 -7.63 | 20.24 1.38 -3.40 | 22.52 0.90 -11.91 | 22.68 1.42 -6.13 | 26.30 1.91 -4.04 | 22.87 1.84 -0.09 | 21.84 1.68 -0.01 | 21.56 1.60 -0.39 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 24.28 1.56 -0.10 | 20.42 1.37 0.00 | 18.59 1.23 0.00 | 19.41 1.29 0.00 | 21.53 1.35 -0.01 | 24.44 1.63 0.00 | 28.21 1.99 -0.01 | 29.94 2.16 -2.12 | 28.08 1.33 -11.21 | 32.82 1.26 -16.81 | 22.75 1.84 -0.61 | 22.53 1.82 -0.02 | 22.36 1.84 -0.02 | 21.10 1.68 -1.68 | 20.54 1.50 -2.86 | 22.55 1.51 -4.63 | 22.28 1.18 -7.71 | 20.27 1.37 -3.44 | 22.63 0.89 -12.03 | 22.73 1.42 -6.19 | 26.34 1.91 -4.07 | 22.85 1.83 -0.08 | 21.83 1.66 -0.01 | 21.53 1.57 -0.39 |
| POLETTI____ 23519 | 24.42 1.69 -0.10 | 20.55 1.49 0.00 | 18.72 1.36 0.00 | 19.55 1.43 0.00 | 21.68 1.50 -0.01 | 24.57 1.75 0.00 | 28.32 2.10 -0.01 | 30.00 2.25 -2.10 | 28.03 1.44 -11.05 | 32.72 1.40 -16.57 | 22.93 2.02 -0.61 | 22.74 2.03 -0.02 | 22.59 2.07 -0.02 | 21.30 1.88 -1.67 | 20.68 1.68 -2.82 | 22.66 1.67 -4.57 | 22.27 1.28 -7.60 | 20.30 1.45 -3.39 | 22.50 0.93 -11.86 | 22.69 1.46 -6.10 | 26.35 1.98 -4.02 | 22.92 1.90 -0.09 | 21.94 1.77 -0.01 | 21.64 1.68 -0.38 |
| PORT_JEFF_3 23555 | 24.74 2.10 0.00 | 20.89 1.83 0.00 | 19.01 1.66 0.00 | 19.82 1.70 0.00 | 21.95 1.78 0.00 | 25.07 2.26 0.00 | 28.67 2.45 -0.01 | 30.27 2.52 -2.10 | 28.04 1.45 -11.05 | 32.45 1.22 -16.47 | 22.74 2.03 -0.41 | 22.76 2.07 0.00 | 22.46 1.97 0.00 | 21.03 1.65 -1.63 | 20.57 1.57 -2.83 | 62.20 1.90 -43.88 | 22.24 1.35 -7.49 | 20.20 1.36 -3.39 | 22.50 1.00 -11.79 | 22.82 1.65 -6.05 | 26.36 2.23 -3.79 | 23.04 2.09 -0.01 | 22.14 1.98 0.00 | 21.92 1.96 -0.38 |
| PORT_JEFF_4 23616 | 24.74 2.10 0.00 | 20.89 1.83 0.00 | 19.01 1.66 0.00 | 19.82 1.70 0.00 | 21.95 1.78 0.00 | 25.07 2.26 0.00 | 28.67 2.45 -0.01 | 30.27 2.52 -2.10 | 28.04 1.45 -11.05 | 32.45 1.22 -16.47 | 22.74 2.03 -0.41 | 22.76 2.07 0.00 | 22.46 1.97 0.00 | 21.03 1.65 -1.63 | 20.57 1.57 -2.83 | 62.20 1.90 -43.88 | 22.24 1.35 -7.49 | 20.20 1.36 -3.39 | 22.50 1.00 -11.79 | 22.82 1.65 -6.05 | 26.36 2.23 -3.79 | 23.04 2.09 -0.01 | 22.14 1.98 0.00 | 21.92 1.96 -0.38 |
| PORT_JEFF_IC 23713 | 24.75 2.12 0.00 | 20.90 1.84 0.00 | 19.02 1.67 0.00 | 19.83 1.71 0.00 | 21.96 1.79 0.00 | 25.09 2.28 0.00 | 28.69 2.47 -0.01 | 30.29 2.53 -2.10 | 28.06 1.46 -11.05 | 32.46 1.23 -16.47 | 22.75 2.04 -0.41 | 22.76 2.07 0.00 | 22.47 1.98 0.00 | 21.03 1.66 -1.63 | 20.59 1.58 -2.83 | 62.21 1.92 -43.88 | 22.25 1.37 -7.49 | 20.22 1.38 -3.39 | 22.51 1.01 -11.79 | 22.83 1.66 -6.05 | 26.40 2.26 -3.79 | 23.06 2.11 -0.01 | 22.16 2.00 0.00 | 21.93 1.97 -0.38 |
| PPL PILGRIM_ST_GT1 24216 | 24.82 2.19 0.00 | 20.95 1.89 0.00 | 19.07 1.72 0.00 | 19.88 1.76 0.00 | 22.02 1.84 0.00 | 25.13 2.32 0.00 | 28.81 2.59 -0.01 | 30.32 2.57 -2.10 | 28.08 1.49 -11.05 | 32.52 1.29 -16.47 | 22.87 2.17 -0.41 | 22.92 2.23 0.00 | 22.63 2.13 0.00 | 21.18 1.80 -1.63 | 20.71 1.71 -2.83 | 62.34 2.05 -43.88 | 22.33 1.44 -7.49 | 20.27 1.43 -3.39 | 22.53 1.04 -11.79 | 22.87 1.70 -6.05 | 26.50 2.37 -3.79 | 23.19 2.23 -0.01 | 22.26 2.11 0.00 | 22.04 2.08 -0.38 |
| PPL PILGRIM_ST_GT2 24217 | 24.82 2.19 0.00 | 20.95 1.89 0.00 | 19.07 1.72 0.00 | 19.88 1.76 0.00 | 22.02 1.84 0.00 | 25.13 2.32 0.00 | 28.81 2.59 -0.01 | 30.32 2.57 -2.10 | 28.08 1.49 -11.05 | 32.52 1.29 -16.47 | 22.87 2.17 -0.41 | 22.92 2.23 0.00 | 22.63 2.13 0.00 | 21.18 1.80 -1.63 | 20.71 1.71 -2.83 | 62.34 2.05 -43.88 | 22.33 1.44 -7.49 | 20.27 1.43 -3.39 | 22.53 1.04 -11.79 | 22.87 1.70 -6.05 | 26.50 2.37 -3.79 | 23.19 2.23 -0.01 | 22.26 2.11 0.00 | 22.04 2.08 -0.38 |
| PPL_SHRM_GT3 24213 | 24.60 1.96 0.00 | 20.79 1.73 0.00 | 18.91 1.56 0.00 | 19.73 1.61 0.00 | 21.85 1.68 0.00 | 24.84 2.03 0.00 | 28.25 2.04 -0.01 | 29.86 2.10 -2.10 | 27.77 1.17 -11.05 | 32.16 0.93 -16.47 | 22.33 1.62 -0.41 | 22.34 1.65 0.00 | 22.05 1.55 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.59 -43.88 | 22.01 1.12 -7.49 | 19.93 1.09 -3.39 | 22.34 0.84 -11.79 | 22.58 1.40 -6.05 | 26.06 1.92 -3.79 | 22.71 1.76 -0.01 | 21.83 1.67 0.00 | 21.60 1.64 -0.38 |
| PPL_SHRM_GT4 24214 | 24.60 1.96 0.00 | 20.79 1.73 0.00 | 18.91 1.56 0.00 | 19.73 1.61 0.00 | 21.85 1.68 0.00 | 24.84 2.03 0.00 | 28.25 2.04 -0.01 | 29.86 2.10 -2.10 | 27.77 1.17 -11.05 | 32.16 0.93 -16.47 | 22.33 1.62 -0.41 | 22.34 1.65 0.00 | 22.05 1.55 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.59 -43.88 | 22.01 1.12 -7.49 | 19.93 1.09 -3.39 | 22.34 0.84 -11.79 | 22.58 1.40 -6.05 | 26.06 1.92 -3.79 | 22.71 1.76 -0.01 | 21.83 1.67 0.00 | 21.60 1.64 -0.38 |
| PROJECT____ORANGE 1 24174 | 23.41 0.07 -0.71 | 19.12 0.06 0.00 | 17.42 0.05 -0.02 | 18.21 0.08 -0.01 | 20.32 0.10 -0.05 | 22.93 0.12 0.00 | 26.31 0.10 0.00 | 25.98 0.12 -0.20 | 16.68 0.07 -1.06 | 16.52 0.04 -1.73 | 20.60 0.05 -0.25 | 20.84 0.02 -0.13 | 20.63 0.00 -0.13 | 17.99 0.00 -0.24 | 16.40 -0.04 -0.26 | 16.87 -0.04 -0.49 | 14.14 -0.02 -0.77 | 15.77 -0.01 -0.33 | 10.88 0.01 -1.17 | 15.78 0.05 -0.60 | 20.87 0.05 -0.47 | 20.98 0.00 -0.03 | 20.13 -0.03 0.00 | 19.65 0.03 -0.04 |
| PROJECT____ORANGE 2 24166 | 23.41 0.07 -0.71 | 19.12 0.06 0.00 | 17.42 0.05 -0.02 | 18.21 0.08 -0.01 | 20.32 0.10 -0.05 | 22.93 0.12 0.00 | 26.31 0.10 0.00 | 25.98 0.12 -0.20 | 16.68 0.07 -1.06 | 16.52 0.04 -1.73 | 20.60 0.05 -0.25 | 20.84 0.02 -0.13 | 20.63 0.00 -0.13 | 17.99 0.00 -0.24 | 16.40 -0.04 -0.26 | 16.87 -0.04 -0.49 | 14.14 -0.02 -0.77 | 15.77 -0.01 -0.33 | 10.88 0.01 -1.17 | 15.78 0.05 -0.60 | 20.87 0.05 -0.47 | 20.98 0.00 -0.03 | 20.13 -0.03 0.00 | 19.65 0.03 -0.04 |
| PUCKETT____SOLAR 323809 | 23.54 0.90 0.00 | 19.83 0.77 0.00 | 18.08 0.73 0.00 | 18.95 0.83 0.00 | 21.10 0.93 0.00 | 23.93 1.12 0.00 | 27.51 1.29 0.00 | 27.71 1.37 -0.69 | 19.98 0.81 -3.63 | 20.85 0.69 -5.40 | 21.35 0.92 -0.13 | 21.56 0.87 0.00 | 21.26 0.76 0.00 | 18.86 0.67 -0.45 | 17.58 0.51 -0.89 | 18.35 0.50 -1.44 | 16.28 0.43 -2.46 | 17.14 0.58 -1.11 | 14.00 0.42 -3.87 | 17.90 0.81 -1.96 | 22.67 1.06 -1.26 | 21.93 0.98 -0.01 | 21.05 0.89 0.00 | 20.64 0.93 -0.13 |
| PYRITES____HYD 24023 | 12.56 -0.54 9.53 | 18.54 -0.51 0.00 | 17.75 -0.57 -0.97 | 18.03 -0.58 -0.49 | 21.65 -0.54 -2.03 | 22.13 -0.68 0.00 | 25.55 -0.66 0.00 | 25.03 -0.65 -0.03 | 15.18 -0.51 -0.14 | 19.08 -0.50 -4.83 | 25.48 -0.65 -5.84 | 25.98 -0.61 -5.89 | 25.79 -0.59 -5.88 | 21.69 -0.60 -4.54 | 15.81 -0.41 -0.04 | 16.05 -0.44 -0.07 | 13.17 -0.33 -0.11 | 15.19 -0.31 -0.04 | 9.66 -0.21 -0.16 | 14.84 -0.37 -0.08 | 19.98 -0.44 -0.07 | 20.50 -0.44 -0.01 | 19.75 -0.41 0.00 | 19.06 -0.52 -0.01 |
| QUAKERRD_115KV_BK1 80622 | 23.12 0.11 -0.38 | 19.20 0.14 0.00 | 17.50 0.13 -0.01 | 18.32 0.19 -0.01 | 20.46 0.26 -0.03 | 23.06 0.24 0.00 | 26.21 0.01 0.00 | 26.15 0.21 -0.29 | 17.26 0.16 -1.56 | 16.51 -0.07 -1.82 | 19.00 -0.18 1.11 | 20.50 -0.26 -0.07 | 20.17 -0.40 -0.07 | 17.42 -0.41 -0.10 | 16.07 -0.48 -0.38 | 15.62 -0.37 0.43 | 13.37 -0.34 -0.32 | 15.50 -0.43 -0.48 | 10.61 -0.26 -1.16 | 15.20 -0.36 -0.43 | 18.80 -0.47 1.08 | 19.80 -0.65 0.50 | 19.50 -0.62 0.04 | 19.30 -0.33 -0.06 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| QUENSBRY_I15KV_TB8 356137 | 24.02 1.31 -0.08 | 20.10 1.04 0.00 | 18.27 0.91 0.00 | 18.98 0.86 0.00 | 21.18 1.01 -0.01 | 24.28 1.47 0.00 | 27.99 1.76 -0.01 | 30.05 1.85 -2.54 | 30.10 1.14 -13.42 | 35.98 1.14 -20.08 | 22.48 1.53 -0.65 | 22.26 1.55 -0.02 | 21.96 1.45 -0.02 | 20.44 1.21 -1.50 | 20.48 1.09 -3.22 | 22.95 1.14 -5.40 | 23.49 0.92 -9.18 | 20.71 1.16 -4.10 | 24.88 0.80 -14.37 | 23.56 1.20 -7.23 | 26.77 1.64 -4.78 | 22.59 1.58 -0.07 | 21.62 1.46 0.00 | 21.47 1.42 -0.48 |
| RAMAPO____LBMP 323565 | 24.24 1.51 -0.10 | 20.36 1.31 0.00 | 18.52 1.16 0.00 | 19.35 1.23 0.00 | 21.47 1.29 -0.01 | 24.36 1.55 0.00 | 28.10 1.88 -0.01 | 29.72 2.01 -2.05 | 27.58 1.24 -10.79 | 32.17 1.21 -16.19 | 22.69 1.79 -0.60 | 22.47 1.76 -0.02 | 22.31 1.79 -0.02 | 21.00 1.63 -1.63 | 20.39 1.45 -2.76 | 22.36 1.47 -4.47 | 21.95 1.13 -7.43 | 20.05 1.28 -3.31 | 22.13 0.83 -11.59 | 22.41 1.31 -5.96 | 26.07 1.78 -3.94 | 22.73 1.70 -0.09 | 21.72 1.56 -0.01 | 21.45 1.49 -0.38 |
| RANKINE____ 23646 | 23.16 0.17 -0.36 | 19.28 0.22 0.00 | 17.60 0.24 -0.01 | 18.48 0.36 -0.01 | 20.65 0.46 -0.02 | 23.27 0.46 0.00 | 26.31 0.13 0.03 | 26.32 0.36 -0.30 | 17.87 0.31 -2.02 | 13.94 0.03 0.85 | 11.65 -0.05 8.60 | 20.67 -0.09 -0.07 | 20.31 -0.25 -0.07 | 16.70 -0.28 0.77 | 16.16 -0.49 -0.47 | 9.60 -0.28 6.54 | 9.24 -0.29 3.86 | 15.70 -0.37 -0.62 | 8.11 -0.22 1.37 | 13.24 -0.22 1.67 | 9.69 -0.29 10.37 | 17.07 -0.41 3.46 | 19.56 -0.34 0.26 | 19.77 0.12 -0.07 |
| RAVENSWOOD_GT2_1 24244 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.38 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.74 2.03 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.26 1.88 -1.63 | 20.68 1.68 -2.82 | 22.52 1.69 -4.42 | 22.17 1.29 -7.49 | 20.32 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.87 1.92 -0.01 | 21.95 1.80 0.00 | 21.68 1.72 -0.38 |
| RAVENSWOOD_GT2_2 24245 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.38 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.31 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.74 2.03 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.26 1.88 -1.63 | 20.68 1.68 -2.82 | 22.52 1.69 -4.42 | 22.17 1.29 -7.49 | 20.32 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.15 2.02 -3.79 | 22.87 1.92 -0.01 | 21.95 1.80 0.00 | 21.68 1.72 -0.38 |
| RAVENSWOOD_GT2_3 24246 | 24.38 1.74 0.00 | 20.58 1.52 0.00 | 18.74 1.38 0.00 | 19.56 1.44 0.00 | 21.70 1.52 0.00 | 24.61 1.79 0.00 | 28.35 2.13 -0.01 | 30.08 2.33 -2.10 | 28.05 1.46 -11.05 | 32.65 1.42 -16.47 | 22.76 2.05 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.27 1.89 -1.63 | 20.69 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.30 -7.49 | 20.33 1.48 -3.39 | 22.45 0.95 -11.79 | 22.67 1.50 -6.05 | 26.16 2.02 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.69 1.73 -0.38 |
| RAVENSWOOD_GT2_4 24247 | 24.38 1.74 0.00 | 20.58 1.52 0.00 | 18.74 1.38 0.00 | 19.56 1.44 0.00 | 21.70 1.52 0.00 | 24.61 1.79 0.00 | 28.35 2.13 -0.01 | 30.08 2.33 -2.10 | 28.05 1.46 -11.05 | 32.65 1.42 -16.47 | 22.76 2.05 -0.41 | 22.75 2.06 0.00 | 22.59 2.09 0.00 | 21.27 1.89 -1.63 | 20.69 1.68 -2.82 | 22.53 1.69 -4.42 | 22.18 1.30 -7.49 | 20.33 1.48 -3.39 | 22.45 0.95 -11.79 | 22.67 1.50 -6.05 | 26.16 2.02 -3.79 | 22.89 1.94 -0.01 | 21.96 1.80 0.00 | 21.69 1.73 -0.38 |
| RAVENSWOOD_GT3_1 24248 | 24.36 1.73 0.00 | 20.58 1.52 0.00 | 18.73 1.38 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.68 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.32 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT3_2 24249 | 24.36 1.73 0.00 | 20.58 1.52 0.00 | 18.73 1.38 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.58 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.68 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.32 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT3_3 24250 | 24.40 1.77 0.00 | 20.60 1.54 0.00 | 18.75 1.40 0.00 | 19.58 1.46 0.00 | 21.72 1.54 0.00 | 24.63 1.82 0.00 | 28.38 2.16 -0.01 | 30.11 2.35 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.78 2.07 -0.41 | 22.77 2.09 0.00 | 22.61 2.12 0.00 | 21.29 1.91 -1.63 | 20.71 1.70 -2.82 | 22.55 1.71 -4.42 | 22.20 1.31 -7.49 | 20.34 1.50 -3.39 | 22.46 0.96 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.91 1.96 -0.01 | 21.98 1.82 0.00 | 21.71 1.75 -0.38 |
| RAVENSWOOD_GT3_4 24251 | 24.40 1.77 0.00 | 20.60 1.54 0.00 | 18.75 1.40 0.00 | 19.58 1.46 0.00 | 21.72 1.54 0.00 | 24.63 1.82 0.00 | 28.38 2.16 -0.01 | 30.11 2.35 -2.10 | 28.07 1.48 -11.05 | 32.66 1.43 -16.47 | 22.78 2.07 -0.41 | 22.77 2.09 0.00 | 22.61 2.12 0.00 | 21.29 1.91 -1.63 | 20.71 1.70 -2.82 | 22.55 1.71 -4.42 | 22.20 1.31 -7.49 | 20.34 1.50 -3.39 | 22.46 0.96 -11.79 | 22.68 1.51 -6.05 | 26.18 2.04 -3.79 | 22.91 1.96 -0.01 | 21.98 1.82 0.00 | 21.71 1.75 -0.38 |
| RAVENSWOOD_GT_1 23729 | 24.43 1.79 0.00 | 20.63 1.57 0.00 | 18.78 1.43 0.00 | 19.61 1.49 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.80 2.09 -0.41 | 22.80 2.11 0.00 | 22.64 2.15 0.00 | 21.32 1.95 -1.63 | 20.74 1.74 -2.82 | 22.57 1.74 -4.42 | 22.22 1.33 -7.49 | 20.37 1.53 -3.39 | 22.47 0.97 -11.79 | 22.70 1.53 -6.05 | 26.21 2.08 -3.79 | 22.93 1.98 -0.01 | 22.00 1.84 0.00 | 21.72 1.76 -0.38 |
| RAVENSWOOD_GT_10 24258 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.37 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.57 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_11 24259 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.37 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.57 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_4 24252 | 24.35 1.72 0.00 | 20.57 1.51 0.00 | 18.72 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.33 2.11 -0.01 | 30.05 2.30 -2.10 | 28.03 1.44 -11.05 | 32.62 1.40 -16.47 | 22.73 2.02 -0.41 | 22.73 2.04 0.00 | 22.57 2.07 0.00 | 21.25 1.87 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.14 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |

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|---|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_5 24254 | 24.35 1.72 0.00 | 20.57 1.51 0.00 | 18.72 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.33 2.11 -0.01 | 30.05 2.30 -2.10 | 28.03 1.44 -11.05 | 32.62 1.40 -16.47 | 22.73 2.02 -0.41 | 22.73 2.04 0.00 | 22.57 2.07 0.00 | 21.25 1.87 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.14 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_6 24253 | 24.35 1.72 0.00 | 20.57 1.51 0.00 | 18.72 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.33 2.11 -0.01 | 30.05 2.30 -2.10 | 28.03 1.44 -11.05 | 32.62 1.40 -16.47 | 22.73 2.02 -0.41 | 22.73 2.04 0.00 | 22.57 2.07 0.00 | 21.25 1.87 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.14 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_7 24255 | 24.35 1.72 0.00 | 20.57 1.51 0.00 | 18.72 1.37 0.00 | 19.55 1.43 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.33 2.11 -0.01 | 30.05 2.30 -2.10 | 28.03 1.44 -11.05 | 32.62 1.40 -16.47 | 22.73 2.02 -0.41 | 22.73 2.04 0.00 | 22.57 2.07 0.00 | 21.25 1.87 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.14 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.37 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.57 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD_GT_9 24257 | 24.36 1.73 0.00 | 20.57 1.51 0.00 | 18.73 1.37 0.00 | 19.55 1.44 0.00 | 21.68 1.51 0.00 | 24.59 1.78 0.00 | 28.34 2.12 -0.01 | 30.06 2.30 -2.10 | 28.04 1.45 -11.05 | 32.63 1.40 -16.47 | 22.73 2.03 -0.41 | 22.74 2.05 0.00 | 22.57 2.08 0.00 | 21.25 1.88 -1.63 | 20.68 1.67 -2.82 | 22.52 1.68 -4.42 | 22.17 1.28 -7.49 | 20.31 1.47 -3.39 | 22.44 0.94 -11.79 | 22.66 1.48 -6.05 | 26.15 2.01 -3.79 | 22.87 1.92 -0.01 | 21.95 1.79 0.00 | 21.67 1.71 -0.38 |
| RAVENSWOOD___1 23533 | 24.41 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.79 2.08 -0.41 | 22.78 2.09 0.00 | 22.62 2.13 0.00 | 21.30 1.92 -1.63 | 20.72 1.71 -2.82 | 22.55 1.71 -4.42 | 22.20 1.31 -7.49 | 20.35 1.51 -3.39 | 22.45 0.96 -11.79 | 22.68 1.51 -6.05 | 26.19 2.06 -3.79 | 22.91 1.96 -0.01 | 21.97 1.82 0.00 | 21.70 1.74 -0.38 |
| RAVENSWOOD___2 23534 | 24.41 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.79 2.08 -0.41 | 22.78 2.09 0.00 | 22.62 2.13 0.00 | 21.30 1.92 -1.63 | 20.72 1.71 -2.82 | 22.55 1.71 -4.42 | 22.20 1.31 -7.49 | 20.35 1.51 -3.39 | 22.45 0.96 -11.79 | 22.68 1.51 -6.05 | 26.19 2.06 -3.79 | 22.91 1.96 -0.01 | 21.97 1.82 0.00 | 21.70 1.74 -0.38 |
| RAVENSWOOD___3 23535 | 24.37 1.73 0.00 | 20.58 1.52 0.00 | 18.73 1.38 0.00 | 19.55 1.44 0.00 | 21.69 1.52 0.00 | 24.59 1.78 0.00 | 28.35 2.13 -0.01 | 30.07 2.32 -2.10 | 28.05 1.46 -11.05 | 32.63 1.41 -16.47 | 22.74 2.03 -0.41 | 22.74 2.05 0.00 | 22.58 2.09 0.00 | 21.26 1.88 -1.63 | 20.68 1.68 -2.82 | 22.52 1.69 -4.42 | 22.18 1.29 -7.49 | 20.32 1.48 -3.39 | 22.44 0.94 -11.79 | 22.66 1.49 -6.05 | 26.16 2.02 -3.79 | 22.88 1.92 -0.01 | 21.95 1.80 0.00 | 21.68 1.72 -0.38 |
| RAVENSWOOD___4 23820 | 24.41 1.77 0.00 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.56 0.00 | 24.63 1.82 0.00 | 28.39 2.18 -0.01 | 30.13 2.38 -2.10 | 28.09 1.50 -11.05 | 32.68 1.45 -16.47 | 22.79 2.08 -0.41 | 22.78 2.09 0.00 | 22.62 2.13 0.00 | 21.30 1.92 -1.63 | 20.72 1.71 -2.82 | 22.55 1.71 -4.42 | 22.20 1.31 -7.49 | 20.35 1.51 -3.39 | 22.45 0.96 -11.79 | 22.68 1.51 -6.05 | 26.19 2.06 -3.79 | 22.91 1.96 -0.01 | 21.97 1.82 0.00 | 21.70 1.74 -0.38 |
| RCPL_TRUST___DRP 24196 | 24.51 1.78 -0.10 | 20.61 1.55 0.00 | 18.76 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.55 -0.01 | 24.65 1.84 0.00 | 28.42 2.20 -0.01 | 30.13 2.38 -2.10 | 28.08 1.49 -11.05 | 32.78 1.46 -16.56 | 23.02 2.12 -0.61 | 22.82 2.11 -0.02 | 22.67 2.15 -0.02 | 21.36 1.94 -1.67 | 20.74 1.73 -2.82 | 22.72 1.73 -4.57 | 22.33 1.34 -7.60 | 20.37 1.53 -3.39 | 22.54 0.98 -11.86 | 22.76 1.53 -6.10 | 26.44 2.07 -4.02 | 23.01 1.98 -0.09 | 22.00 1.83 -0.01 | 21.70 1.74 -0.38 |
| RED___ROCHESTER 323720 | 23.09 0.46 0.00 | 19.48 0.42 0.00 | 17.76 0.40 0.00 | 18.59 0.47 0.00 | 20.75 0.57 0.00 | 23.50 0.69 0.00 | 26.75 0.56 0.01 | 26.60 0.67 -0.27 | 17.63 0.49 -1.60 | 16.73 0.28 -1.69 | 19.13 0.33 1.49 | 20.89 0.20 0.00 | 20.56 0.07 0.00 | 17.69 -0.02 0.03 | 16.37 -0.15 -0.34 | 15.67 0.00 0.75 | 13.43 -0.05 -0.09 | 15.77 -0.13 -0.45 | 10.68 -0.04 -1.02 | 15.31 0.02 -0.16 | 18.82 0.06 1.60 | 20.04 -0.13 0.77 | 19.89 -0.12 0.14 | 19.74 0.19 0.02 |
| REGAN___SOLAR 323812 | 24.91 2.28 0.00 | 20.91 1.85 0.00 | 18.93 1.58 0.00 | 19.82 1.70 0.00 | 22.13 1.96 0.00 | 24.93 2.12 0.00 | 28.81 2.59 -0.02 | 31.06 2.56 -2.84 | 31.98 1.50 -14.93 | 38.51 1.49 -22.27 | 22.38 1.53 -0.55 | 21.87 1.18 0.00 | 21.87 1.37 0.00 | 20.80 1.42 -1.64 | 20.84 1.07 -3.59 | 23.68 1.40 -5.87 | 24.64 1.12 -10.13 | 21.26 1.25 -4.56 | 26.54 0.89 -15.93 | 24.78 1.66 -8.00 | 27.66 2.19 -5.12 | 23.02 2.07 -0.02 | 22.03 1.87 0.00 | 21.91 1.80 -0.53 |
| RENSSELAER___COGEN 23796 | 23.20 0.57 0.00 | 19.54 0.48 0.00 | 17.80 0.45 0.00 | 18.57 0.45 0.00 | 20.63 0.46 0.00 | 23.43 0.62 0.00 | 27.01 0.79 -0.01 | 28.94 0.85 -2.44 | 28.92 0.52 -12.86 | 34.49 0.56 -19.17 | 21.58 0.81 -0.47 | 21.45 0.76 0.00 | 21.24 0.75 0.00 | 19.81 0.66 -1.40 | 19.86 0.59 -3.08 | 22.08 0.61 -5.05 | 22.64 0.53 -8.72 | 19.95 0.57 -3.92 | 23.80 0.38 -13.72 | 22.59 0.58 -6.88 | 25.53 0.77 -4.41 | 21.77 0.81 -0.01 | 20.86 0.70 0.00 | 20.63 0.60 -0.46 |
| REPUBLIC_115KV_BARTNBRK 55605 | 25.10 2.39 -0.08 | 20.97 1.91 0.00 | 18.95 1.59 0.00 | 19.75 1.62 0.00 | 22.18 2.01 -0.01 | 25.53 2.72 0.00 | 29.40 3.18 -0.01 | 31.49 3.29 -2.54 | 30.85 1.89 -13.40 | 36.70 1.88 -20.06 | 23.50 2.55 -0.65 | 23.46 2.76 -0.02 | 23.02 2.51 -0.02 | 21.27 2.03 -1.50 | 21.16 1.76 -3.22 | 23.72 1.91 -5.39 | 24.09 1.52 -9.18 | 21.52 1.97 -4.09 | 25.46 1.39 -14.36 | 24.43 2.08 -7.23 | 27.90 2.77 -4.78 | 23.63 2.61 -0.07 | 22.64 2.47 0.00 | 22.63 2.57 -0.48 |
| REVERE_CPPR_DRP 24186 | 25.46 0.61 -2.22 | 19.50 0.44 0.00 | 17.67 0.25 -0.07 | 18.46 0.30 -0.04 | 20.73 0.41 -0.15 | 23.25 0.44 0.00 | 26.78 0.57 0.00 | 26.39 0.61 -0.12 | 16.57 0.47 -0.56 | 16.43 0.41 -1.26 | 21.46 0.56 -0.60 | 21.69 0.53 -0.48 | 21.47 0.49 -0.47 | 18.56 0.36 -0.45 | 16.68 0.36 -0.14 | 17.09 0.36 -0.31 | 14.22 0.38 -0.45 | 16.11 0.48 -0.17 | 10.68 0.33 -0.64 | 16.09 0.62 -0.34 | 21.53 0.85 -0.33 | 21.77 0.78 -0.04 | 20.79 0.62 0.00 | 20.14 0.54 -0.02 |

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|-----------------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| REYNOLDS_115KV_TB3 80639 | 23.50 0.79 -0.08 | 19.72 0.66 0.00 | 17.96 0.60 0.00 | 18.73 0.61 0.00 | 20.83 0.65 -0.01 | 23.65 0.84 0.00 | 27.26 1.04 -0.01 | 29.18 1.09 -2.44 | 29.11 0.66 -12.91 | 34.78 0.70 -19.32 | 21.92 0.99 -0.64 | 21.64 0.93 -0.02 | 21.45 0.94 -0.02 | 20.02 0.84 -1.44 | 20.02 0.74 -3.10 | 22.38 0.76 -5.20 | 22.87 0.64 -8.84 | 20.08 0.68 -3.94 | 23.99 0.45 -13.83 | 22.78 0.70 -6.96 | 25.90 0.93 -4.61 | 22.00 0.99 -0.07 | 21.05 0.89 -0.01 | 20.82 0.79 -0.46 |
| RIVERBAY____ 323610 | 24.45 1.71 -0.10 | 20.57 1.51 0.00 | 18.71 1.35 0.00 | 19.56 1.44 0.00 | 21.72 1.54 -0.01 | 24.53 1.72 0.00 | 28.35 2.13 -0.01 | 30.09 2.34 -2.10 | 28.10 1.51 -11.05 | 32.75 1.42 -16.57 | 22.94 2.03 -0.61 | 22.73 2.03 -0.02 | 22.57 2.05 -0.02 | 21.27 1.86 -1.67 | 20.67 1.66 -2.82 | 22.65 1.66 -4.57 | 22.26 1.27 -7.60 | 20.29 1.44 -3.39 | 22.49 0.92 -11.86 | 22.69 1.46 -6.10 | 26.36 1.99 -4.02 | 22.91 1.89 -0.09 | 21.93 1.76 -0.01 | 21.68 1.72 -0.38 |
| RIVERSDE_115KV_TB3 55908 | 23.35 0.64 -0.08 | 19.60 0.54 0.00 | 17.86 0.50 0.00 | 18.62 0.49 0.00 | 20.70 0.52 -0.01 | 23.50 0.69 0.00 | 27.10 0.88 -0.01 | 29.04 0.93 -2.45 | 29.08 0.57 -12.96 | 34.78 0.61 -19.40 | 21.82 0.88 -0.64 | 21.55 0.84 -0.02 | 21.34 0.83 -0.02 | 19.93 0.74 -1.44 | 19.95 0.66 -3.11 | 22.33 0.69 -5.22 | 22.85 0.58 -8.88 | 20.03 0.63 -3.96 | 24.01 0.41 -13.89 | 22.75 0.64 -6.99 | 25.83 0.84 -4.63 | 21.90 0.89 -0.07 | 20.94 0.78 -0.01 | 20.71 0.67 -0.46 |
| ROARING____BROOK_WT_PWR 323790 | 18.53 -0.49 3.61 | 18.46 -0.60 0.00 | 16.44 -0.91 0.00 | -25.20 -1.21 42.11 | 14.35 -1.06 4.77 | 21.65 -1.16 0.00 | 24.88 -1.33 0.00 | 24.35 -1.30 0.00 | 14.73 -0.82 0.00 | 14.04 -0.72 0.00 | 19.40 -0.90 0.00 | 19.86 -0.83 0.00 | 19.80 -0.69 0.00 | 17.21 -0.53 0.00 | 15.74 -0.45 0.00 | 16.08 -0.34 0.00 | 13.21 -0.18 0.00 | 15.20 -0.26 0.00 | 9.53 -0.17 0.00 | 14.85 -0.28 0.00 | 19.93 -0.42 0.00 | 20.43 -0.51 0.00 | 19.65 -0.51 0.00 | 19.00 -0.57 0.00 |
| ROCHESRG_115KV_T4 355643 | 23.18 0.17 -0.37 | 19.25 0.19 0.00 | 17.56 0.19 -0.01 | 18.38 0.26 -0.01 | 20.53 0.33 -0.03 | 23.18 0.37 0.00 | 26.36 0.16 0.00 | 26.30 0.36 -0.29 | 17.41 0.28 -1.59 | 16.46 0.05 -1.65 | 18.67 -0.02 1.61 | 20.67 -0.09 -0.07 | 20.34 -0.23 -0.07 | 17.51 -0.27 -0.04 | 16.19 -0.38 -0.38 | 15.35 -0.23 0.84 | 13.19 -0.24 -0.05 | 15.61 -0.33 -0.49 | 10.52 -0.18 -1.00 | 15.20 -0.21 -0.28 | 18.39 -0.25 1.71 | 19.82 -0.42 0.69 | 19.73 -0.37 0.05 | 19.59 -0.05 -0.06 |
| ROCHESTER_9_IC 23652 | 23.32 0.32 -0.38 | 19.37 0.31 0.00 | 17.67 0.30 -0.01 | 18.49 0.37 -0.01 | 20.66 0.46 -0.03 | 23.34 0.53 0.00 | 26.55 0.35 0.00 | 26.49 0.54 -0.29 | 17.53 0.39 -1.60 | 16.67 0.16 -1.75 | 19.00 0.12 1.42 | 20.80 0.04 -0.07 | 20.48 -0.08 -0.07 | 17.66 -0.15 -0.06 | 16.29 -0.27 -0.39 | 15.63 -0.11 0.68 | 13.40 -0.16 -0.16 | 15.72 -0.23 -0.49 | 10.67 -0.11 -1.08 | 15.38 -0.10 -0.35 | 18.79 -0.10 1.46 | 20.04 -0.28 0.62 | 19.87 -0.24 0.05 | 19.71 0.08 -0.06 |
| ROCKVIEW_13_KV_LD 356306 | 24.44 1.71 -0.10 | 20.55 1.49 0.00 | 18.69 1.33 0.00 | 19.51 1.39 0.00 | 21.65 1.47 -0.01 | 24.56 1.75 0.00 | 28.33 2.12 -0.01 | 30.03 2.28 -2.10 | 28.01 1.42 -11.05 | 32.70 1.38 -16.57 | 22.91 2.01 -0.61 | 22.72 2.01 -0.02 | 22.55 2.03 -0.02 | 21.26 1.85 -1.67 | 20.65 1.64 -2.82 | 22.65 1.66 -4.57 | 22.27 1.28 -7.60 | 20.30 1.46 -3.39 | 22.50 0.94 -11.86 | 22.71 1.48 -6.10 | 26.38 2.00 -4.02 | 22.94 1.92 -0.09 | 21.93 1.77 -0.01 | 21.64 1.68 -0.38 |
| ROME____115KV_TB2 80656 | 25.46 0.61 -2.22 | 19.50 0.44 0.00 | 17.67 0.25 -0.07 | 18.46 0.30 -0.04 | 20.73 0.41 -0.15 | 23.25 0.44 0.00 | 26.78 0.57 0.00 | 26.39 0.61 -0.12 | 16.57 0.47 -0.56 | 16.43 0.41 -1.26 | 21.46 0.56 -0.60 | 21.69 0.53 -0.48 | 21.47 0.49 -0.47 | 18.56 0.36 -0.45 | 16.68 0.36 -0.14 | 17.09 0.36 -0.31 | 14.22 0.38 -0.45 | 16.11 0.48 -0.17 | 10.68 0.33 -0.64 | 16.09 0.62 -0.34 | 21.53 0.85 -0.33 | 21.77 0.78 -0.04 | 20.79 0.62 0.00 | 20.14 0.54 -0.02 |
| ROSETON____1 23587 | 24.02 1.39 0.00 | 20.28 1.22 0.00 | 18.46 1.10 0.00 | 19.27 1.15 0.00 | 21.38 1.21 0.00 | 24.25 1.44 0.00 | 27.96 1.74 -0.01 | 29.67 1.92 -2.10 | 27.79 1.18 -11.07 | 32.41 1.15 -16.50 | 22.38 1.67 -0.41 | 22.34 1.66 0.00 | 22.18 1.68 0.00 | 20.92 1.53 -1.64 | 20.37 1.36 -2.83 | 22.22 1.37 -4.43 | 21.96 1.06 -7.51 | 20.07 1.22 -3.40 | 22.30 0.79 -11.81 | 22.43 1.25 -6.06 | 25.83 1.68 -3.79 | 22.57 1.61 -0.01 | 21.63 1.48 0.00 | 21.36 1.40 -0.39 |
| ROSETON____2 23588 | 24.02 1.39 0.00 | 20.28 1.22 0.00 | 18.46 1.10 0.00 | 19.27 1.15 0.00 | 21.38 1.21 0.00 | 24.25 1.44 0.00 | 27.96 1.74 -0.01 | 29.67 1.92 -2.10 | 27.79 1.18 -11.07 | 32.41 1.15 -16.50 | 22.38 1.67 -0.41 | 22.34 1.66 0.00 | 22.18 1.68 0.00 | 20.92 1.53 -1.64 | 20.37 1.36 -2.83 | 22.22 1.37 -4.43 | 21.96 1.06 -7.51 | 20.07 1.22 -3.40 | 22.30 0.79 -11.81 | 22.43 1.25 -6.06 | 25.83 1.68 -3.79 | 22.57 1.61 -0.01 | 21.63 1.48 0.00 | 21.36 1.40 -0.39 |
| ROTTSDAM_115KV_TB3 80664 | 23.65 0.93 -0.08 | 19.84 0.78 0.00 | 18.06 0.70 0.00 | 18.84 0.72 0.00 | 20.96 0.79 -0.01 | 23.78 0.97 0.00 | 27.39 1.17 -0.01 | 29.45 1.22 -2.57 | 29.87 0.75 -13.57 | 35.82 0.76 -20.31 | 21.97 1.01 -0.66 | 21.68 0.98 -0.02 | 21.49 0.98 -0.02 | 20.11 0.86 -1.51 | 20.20 0.76 -3.25 | 22.67 0.80 -5.46 | 23.33 0.65 -9.29 | 20.34 0.75 -4.14 | 24.74 0.49 -14.54 | 23.21 0.77 -7.31 | 26.24 1.05 -4.83 | 22.06 1.05 -0.07 | 21.11 0.95 0.00 | 20.95 0.90 -0.48 |
| RUSSELL____1 23602 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |
| RUSSELL____2 23532 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |
| RUSSELL____3 23549 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |
| RUSSELL____4 23556 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |

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|--|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| RUSSELL___STATION 23914 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |
| S SALMON___HYD 24043 | 24.82 -0.32 -2.50 | 18.66 -0.39 0.00 | 16.82 -0.53 0.00 | 17.54 -0.58 0.00 | 19.60 -0.57 0.00 | 22.25 -0.56 0.00 | 25.57 -0.64 0.00 | 25.16 -0.66 -0.16 | 16.01 -0.38 -0.84 | 15.62 -0.40 -1.26 | 19.81 -0.52 -0.03 | 20.09 -0.60 0.00 | 19.86 -0.64 0.00 | 17.29 -0.56 -0.10 | 15.92 -0.46 -0.21 | 16.27 -0.48 -0.33 | 13.65 -0.32 -0.57 | 15.44 -0.28 -0.26 | 10.46 -0.15 -0.90 | 15.40 -0.18 -0.45 | 20.45 -0.20 -0.29 | 20.67 -0.27 0.00 | 19.79 -0.37 0.00 | 19.19 -0.42 -0.03 |
| S.PERRY___115KV_TB1 80734 | 23.73 0.73 -0.37 | 19.70 0.65 0.00 | 18.05 0.69 -0.01 | 18.93 0.81 -0.01 | 20.96 0.76 -0.02 | 23.45 0.64 0.00 | 26.57 0.27 -0.10 | 26.78 0.49 -0.63 | 17.95 0.32 -2.09 | 28.75 -0.16 -14.15 | 44.69 -0.29 -24.68 | 20.43 -0.33 -0.07 | 20.51 -0.06 -0.07 | 21.09 0.03 -0.32 | 16.77 0.03 -0.56 | 37.98 0.05 -21.51 | 29.61 0.09 -16.12 | 16.29 0.19 -0.64 | 22.15 0.23 -12.21 | 24.53 0.46 -8.94 | 53.32 0.68 -32.29 | 31.29 0.55 -9.80 | 21.38 0.49 -0.72 | 20.51 0.85 -0.08 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 22.90 -0.09 -0.36 | 19.07 0.02 0.00 | 17.41 0.04 -0.01 | 18.27 0.15 -0.01 | 20.42 0.22 -0.02 | 23.00 0.19 0.00 | 25.96 -0.21 0.03 | 25.94 -0.01 -0.30 | 17.60 0.10 -1.95 | 13.86 -0.17 0.74 | 11.86 -0.32 8.12 | 20.36 -0.40 -0.07 | 20.00 -0.57 -0.07 | 16.47 -0.55 0.72 | 15.90 -0.73 -0.45 | 9.77 -0.52 6.13 | 9.28 -0.49 3.62 | 15.43 -0.62 -0.60 | 8.11 -0.36 1.23 | 13.13 -0.48 1.52 | 10.08 -0.61 9.66 | 16.92 -0.76 3.26 | 19.26 -0.65 0.24 | 19.48 -0.17 -0.07 |
| SAWYER___23_KV_LOAD 55526 | 22.90 -0.09 -0.36 | 19.07 0.02 0.00 | 17.41 0.04 -0.01 | 18.27 0.15 -0.01 | 20.42 0.22 -0.02 | 23.00 0.19 0.00 | 25.96 -0.21 0.03 | 25.94 -0.01 -0.30 | 17.60 0.10 -1.95 | 13.86 -0.17 0.74 | 11.86 -0.32 8.12 | 20.36 -0.40 -0.07 | 20.00 -0.57 -0.07 | 16.47 -0.55 0.72 | 15.90 -0.73 -0.45 | 9.77 -0.52 6.13 | 9.28 -0.49 3.62 | 15.43 -0.62 -0.60 | 8.11 -0.36 1.23 | 13.13 -0.48 1.52 | 10.08 -0.61 9.66 | 16.92 -0.76 3.26 | 19.26 -0.65 0.24 | 19.48 -0.17 -0.07 |
| SELKIRK___I 23801 | 23.39 0.76 0.00 | 19.70 0.65 0.00 | 17.97 0.62 0.00 | 18.74 0.62 0.00 | 20.82 0.64 0.00 | 23.64 0.82 0.00 | 27.24 1.01 -0.01 | 29.10 1.04 -2.40 | 28.82 0.64 -12.63 | 34.27 0.67 -18.84 | 21.68 0.91 -0.46 | 21.57 0.88 0.00 | 21.36 0.86 0.00 | 19.89 0.76 -1.39 | 19.90 0.68 -3.03 | 22.08 0.70 -4.96 | 22.57 0.60 -8.57 | 19.96 0.65 -3.86 | 23.63 0.44 -13.48 | 22.57 0.68 -6.77 | 25.57 0.89 -4.33 | 21.89 0.94 -0.01 | 20.99 0.83 0.00 | 20.79 0.77 -0.45 |
| SELKIRK___II 23799 | 23.31 0.68 0.00 | 19.65 0.59 0.00 | 17.90 0.55 0.00 | 18.68 0.56 0.00 | 20.74 0.57 0.00 | 23.55 0.74 0.00 | 27.12 0.90 -0.01 | 29.04 0.96 -2.42 | 28.88 0.59 -12.75 | 34.37 0.62 -19.00 | 21.64 0.87 -0.47 | 21.52 0.84 0.00 | 21.32 0.83 0.00 | 19.86 0.74 -1.38 | 19.89 0.66 -3.05 | 22.10 0.68 -5.00 | 22.61 0.57 -8.65 | 19.97 0.62 -3.89 | 23.72 0.41 -13.60 | 22.58 0.64 -6.82 | 25.57 0.85 -4.37 | 21.83 0.88 -0.01 | 20.95 0.79 0.00 | 20.73 0.70 -0.45 |
| SENECA OSWGO___HYD 24041 | 23.22 -0.19 -0.78 | 18.89 -0.17 0.00 | 17.19 -0.17 0.00 | 17.96 -0.16 0.00 | 20.01 -0.16 0.00 | 22.65 -0.16 0.00 | 25.99 -0.22 0.00 | 25.60 -0.23 -0.18 | 16.35 -0.13 -0.93 | 16.01 -0.15 -1.39 | 20.13 -0.20 -0.03 | 20.45 -0.24 0.00 | 20.24 -0.26 0.00 | 17.63 -0.23 -0.12 | 16.17 -0.24 -0.23 | 16.55 -0.24 -0.37 | 13.85 -0.18 -0.64 | 15.55 -0.19 -0.29 | 10.60 -0.10 -1.00 | 15.51 -0.12 -0.51 | 20.50 -0.17 -0.32 | 20.72 -0.23 0.00 | 19.90 -0.26 0.00 | 19.41 -0.20 -0.03 |
| SENECA___115KV_TB3 355854 | 23.19 0.20 -0.36 | 19.31 0.25 0.00 | 17.63 0.27 -0.01 | 18.51 0.39 -0.01 | 20.69 0.49 -0.02 | 23.31 0.50 0.00 | 26.36 0.18 0.03 | 26.37 0.41 -0.30 | 17.91 0.34 -2.02 | 13.96 0.06 0.85 | 11.69 0.00 8.60 | 20.71 -0.05 -0.07 | 20.36 -0.21 -0.07 | 16.73 -0.24 0.77 | 16.19 -0.46 -0.47 | 9.63 -0.25 6.54 | 9.26 -0.27 3.86 | 15.73 -0.34 -0.62 | 8.13 -0.20 1.37 | 13.27 -0.19 1.67 | 9.73 -0.25 10.37 | 17.11 -0.37 3.46 | 19.60 -0.30 0.26 | 19.80 0.15 -0.07 |
| SENECA___ENERGY 23797 | 22.91 0.27 0.00 | 19.30 0.24 0.00 | 17.61 0.25 0.00 | 18.46 0.35 0.00 | 20.56 0.39 0.00 | 23.26 0.45 0.00 | 26.67 0.45 -0.02 | 26.52 0.54 -0.33 | 17.44 0.36 -1.53 | 17.95 0.22 -2.96 | 22.14 0.27 -1.57 | 20.91 0.22 0.00 | 20.58 0.09 0.00 | 18.20 0.08 -0.37 | 16.57 0.02 -0.38 | 18.34 0.03 -1.89 | 15.39 0.05 -1.95 | 15.95 0.03 -0.47 | 12.00 0.04 -2.26 | 16.67 0.17 -1.37 | 23.06 0.22 -2.49 | 21.70 0.15 -0.61 | 20.30 0.10 -0.05 | 19.84 0.21 -0.06 |
| SHOEMAKER___GT 23640 | 23.97 1.33 0.00 | 20.22 1.16 0.00 | 18.41 1.05 0.00 | 19.22 1.10 0.00 | 21.33 1.16 0.00 | 24.25 1.44 0.00 | 27.94 1.72 -0.01 | 29.49 1.84 -1.99 | 27.14 1.11 -10.47 | 31.44 1.06 -15.62 | 22.23 1.55 -0.39 | 22.22 1.53 0.00 | 22.05 1.55 0.00 | 20.71 1.44 -1.53 | 20.13 1.28 -2.67 | 21.88 1.28 -4.19 | 21.48 0.98 -7.11 | 19.82 1.15 -3.21 | 21.63 0.74 -11.18 | 22.05 1.19 -5.73 | 25.55 1.61 -3.59 | 22.51 1.56 -0.01 | 21.60 1.44 0.00 | 21.32 1.37 -0.37 |
| SHOEMAKR_138KV_BK 111 55601 | 24.07 1.33 -0.10 | 20.22 1.16 0.00 | 18.41 1.05 0.00 | 19.22 1.10 0.00 | 21.33 1.15 -0.01 | 24.23 1.42 0.00 | 27.93 1.71 -0.01 | 29.46 1.81 -2.00 | 31.48 1.11 -10.43 | 31.48 1.06 -15.66 | 22.46 1.56 -0.60 | 22.24 1.53 -0.02 | 22.08 1.56 -0.02 | 20.74 1.44 -1.56 | 20.12 1.28 -2.66 | 22.03 1.28 -4.33 | 21.57 0.99 -7.19 | 19.80 1.15 -3.20 | 21.66 0.74 -11.21 | 22.07 1.19 -5.77 | 25.78 1.60 -3.83 | 22.58 1.55 -0.09 | 21.59 1.42 -0.01 | 21.30 1.36 -0.37 |
| SHOREHAM_IC_1 23715 | 24.60 1.96 0.00 | 20.79 1.73 0.00 | 18.91 1.56 0.00 | 19.73 1.61 0.00 | 21.85 1.68 0.00 | 24.84 2.03 0.00 | 28.25 2.04 -0.01 | 29.86 2.10 -2.10 | 27.77 1.17 -11.05 | 32.16 0.93 -16.47 | 22.33 1.62 -0.41 | 22.34 1.65 0.00 | 22.05 1.55 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.59 -43.88 | 22.01 1.12 -7.49 | 19.93 1.09 -3.39 | 22.34 0.84 -11.79 | 22.58 1.40 -6.05 | 26.06 1.92 -3.79 | 22.71 1.76 -0.01 | 21.83 1.67 0.00 | 21.60 1.64 -0.38 |
| SHOREHAM_IC_2 23716 | 24.60 1.96 0.00 | 20.79 1.73 0.00 | 18.91 1.56 0.00 | 19.73 1.61 0.00 | 21.85 1.68 0.00 | 24.84 2.03 0.00 | 28.25 2.04 -0.01 | 29.86 2.10 -2.10 | 27.77 1.17 -11.05 | 32.16 0.93 -16.47 | 22.33 1.62 -0.41 | 22.34 1.65 0.00 | 22.05 1.55 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.59 -43.88 | 22.01 1.12 -7.49 | 19.93 1.09 -3.39 | 22.34 0.84 -11.79 | 22.58 1.40 -6.05 | 26.06 1.92 -3.79 | 22.71 1.76 -0.01 | 21.83 1.67 0.00 | 21.60 1.64 -0.38 |
| SISSONVILLE___ 23735 | 11.79 -1.12 9.72 | 18.05 -1.01 0.00 | 17.40 -1.03 -1.07 | 17.59 -1.08 -0.54 | 21.32 -1.10 -2.25 | 21.61 -1.20 0.00 | 24.93 -1.28 0.00 | 24.39 -1.29 -0.03 | 14.81 -0.89 -0.15 | 19.25 -0.85 -5.35 | 25.62 -1.15 -6.47 | 26.11 -1.12 -6.53 | 25.94 -1.08 -6.52 | 21.78 -1.00 -5.04 | 15.45 -0.77 -0.04 | 15.69 -0.80 -0.07 | 12.89 -0.61 -0.11 | 14.87 -0.64 -0.05 | 9.46 -0.42 -0.17 | 14.53 -0.68 -0.09 | 19.54 -0.88 -0.07 | 20.04 -0.90 -0.01 | 19.31 -0.85 0.00 | 18.65 -0.94 -0.01 |

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| SITHE_IND_GS1 24169 | 22.27 -0.37 0.00 | 18.75 -0.31 0.00 | 17.07 -0.29 0.00 | 17.83 -0.28 0.00 | 19.86 -0.31 0.00 | 22.46 -0.35 0.00 | 25.76 -0.45 0.00 | 25.31 -0.48 -0.14 | 16.01 -0.27 -0.73 | 15.57 -0.28 -1.09 | 19.94 -0.39 -0.03 | 20.26 -0.42 0.00 | 20.05 -0.44 0.00 | 17.45 -0.38 -0.09 | 15.99 -0.37 -0.18 | 16.34 -0.37 -0.29 | 13.59 -0.30 -0.50 | 15.34 -0.34 -0.22 | 10.29 -0.20 -0.78 | 15.24 -0.28 -0.40 | 20.21 -0.39 -0.25 | 20.50 -0.44 0.00 | 19.71 -0.45 0.00 | 19.24 -0.36 -0.03 |
| SITHE_IND_GS2 24170 | 22.27 -0.37 0.00 | 18.75 -0.31 0.00 | 17.07 -0.29 0.00 | 17.83 -0.28 0.00 | 19.86 -0.31 0.00 | 22.46 -0.35 0.00 | 25.76 -0.45 0.00 | 25.31 -0.48 -0.14 | 16.01 -0.27 -0.73 | 15.57 -0.28 -1.09 | 19.94 -0.39 -0.03 | 20.26 -0.42 0.00 | 20.05 -0.44 0.00 | 17.45 -0.38 -0.09 | 15.99 -0.37 -0.18 | 16.34 -0.37 -0.29 | 13.59 -0.30 -0.50 | 15.34 -0.34 -0.22 | 10.29 -0.20 -0.78 | 15.24 -0.28 -0.40 | 20.21 -0.39 -0.25 | 20.50 -0.44 0.00 | 19.71 -0.45 0.00 | 19.24 -0.36 -0.03 |
| SITHE_IND_GS3 24171 | 22.27 -0.37 0.00 | 18.75 -0.31 0.00 | 17.07 -0.29 0.00 | 17.83 -0.28 0.00 | 19.86 -0.31 0.00 | 22.46 -0.35 0.00 | 25.76 -0.45 0.00 | 25.31 -0.48 -0.14 | 16.01 -0.27 -0.73 | 15.57 -0.28 -1.09 | 19.94 -0.39 -0.03 | 20.26 -0.42 0.00 | 20.05 -0.44 0.00 | 17.45 -0.38 -0.09 | 15.99 -0.37 -0.18 | 16.34 -0.37 -0.29 | 13.59 -0.30 -0.50 | 15.34 -0.34 -0.22 | 10.29 -0.20 -0.78 | 15.24 -0.28 -0.40 | 20.21 -0.39 -0.25 | 20.50 -0.44 0.00 | 19.71 -0.45 0.00 | 19.24 -0.36 -0.03 |
| SITHE_IND_GS4 24172 | 22.27 -0.37 0.00 | 18.75 -0.31 0.00 | 17.07 -0.29 0.00 | 17.83 -0.28 0.00 | 19.86 -0.31 0.00 | 22.46 -0.35 0.00 | 25.76 -0.45 0.00 | 25.31 -0.48 -0.14 | 16.01 -0.27 -0.73 | 15.57 -0.28 -1.09 | 19.94 -0.39 -0.03 | 20.26 -0.42 0.00 | 20.05 -0.44 0.00 | 17.45 -0.38 -0.09 | 15.99 -0.37 -0.18 | 16.34 -0.37 -0.29 | 13.59 -0.30 -0.50 | 15.34 -0.34 -0.22 | 10.29 -0.20 -0.78 | 15.24 -0.28 -0.40 | 20.21 -0.39 -0.25 | 20.50 -0.44 0.00 | 19.71 -0.45 0.00 | 19.24 -0.36 -0.03 |
| SITHE___BATAVIA 24024 | 23.25 0.62 0.00 | 19.63 0.57 0.00 | 17.90 0.54 0.00 | 18.77 0.65 0.00 | 20.98 0.80 0.00 | 23.73 0.92 0.00 | 26.96 0.79 0.03 | 26.86 0.96 -0.24 | 18.01 0.72 -1.74 | 16.03 0.51 -0.77 | 16.91 0.63 4.02 | 20.99 0.30 0.00 | 20.56 0.07 0.00 | 17.35 -0.06 0.33 | 16.28 -0.25 -0.36 | 13.64 0.07 2.85 | 11.99 -0.04 1.36 | 15.76 -0.17 -0.48 | 9.81 -0.02 -0.13 | 14.56 0.13 0.70 | 15.80 0.26 4.81 | 19.15 0.03 1.82 | 19.95 0.04 0.25 | 19.96 0.42 0.04 |
| SITHE___INDEPEND 23800 | 22.59 -0.37 -0.33 | 18.75 -0.31 0.00 | 17.08 -0.29 -0.01 | 17.84 -0.28 0.00 | 19.88 -0.31 -0.02 | 22.45 -0.35 0.00 | 25.75 -0.46 0.00 | 25.32 -0.47 -0.14 | 16.01 -0.27 -0.73 | 15.58 -0.28 -1.10 | 19.90 -0.39 0.01 | 20.33 -0.42 -0.06 | 20.11 -0.44 -0.06 | 17.49 -0.38 -0.13 | 15.99 -0.38 -0.18 | 16.26 -0.37 -0.21 | 13.53 -0.30 -0.44 | 15.34 -0.34 -0.22 | 10.25 -0.20 -0.74 | 15.21 -0.28 -0.37 | 20.09 -0.39 -0.13 | 20.46 -0.44 0.04 | 19.71 -0.45 0.00 | 19.24 -0.36 -0.03 |
| SITHE___MASSENA 23902 | 14.11 -0.35 8.17 | 18.74 -0.32 0.00 | 17.30 -0.32 -0.27 | 17.91 -0.34 -0.14 | 20.42 -0.33 -0.58 | 22.39 -0.42 0.00 | 25.77 -0.44 0.00 | 25.20 -0.46 0.00 | 15.21 -0.34 0.00 | 15.76 -0.32 -1.32 | 21.52 -0.44 -1.66 | 21.98 -0.38 -1.68 | 21.83 -0.34 -1.68 | 18.69 -0.35 -1.29 | 15.96 -0.22 0.00 | 16.18 -0.23 0.00 | 13.20 -0.19 0.00 | 15.26 -0.19 0.00 | 9.57 -0.14 0.00 | 14.86 -0.26 0.00 | 20.01 -0.35 0.00 | 20.63 -0.31 0.00 | 19.91 -0.25 0.00 | 19.27 -0.30 0.00 |
| SITHE___OGDNSBRG 24021 | 13.12 -0.35 9.16 | 18.71 -0.34 0.00 | 17.74 -0.39 -0.77 | 18.11 -0.39 -0.39 | 21.42 -0.36 -1.60 | 22.37 -0.44 0.00 | 25.81 -0.40 0.00 | 25.27 -0.41 -0.02 | 15.33 -0.34 -0.13 | 18.24 -0.34 -3.83 | 24.46 -0.45 -4.61 | 24.96 -0.38 -4.65 | 24.77 -0.36 -4.64 | 20.92 -0.41 -3.59 | 15.95 -0.26 -0.03 | 16.20 -0.28 -0.06 | 13.28 -0.20 -0.09 | 15.30 -0.19 -0.04 | 9.71 -0.13 -0.14 | 14.95 -0.25 -0.07 | 20.13 -0.28 -0.06 | 20.68 -0.26 0.00 | 19.93 -0.23 0.00 | 19.25 -0.33 -0.01 |
| SITHE___STERLING 23777 | 24.39 0.49 -1.26 | 19.44 0.38 0.00 | 17.62 0.27 0.00 | 18.42 0.30 0.00 | 20.56 0.39 0.00 | 23.24 0.43 0.00 | 26.75 0.54 0.00 | 26.37 0.58 -0.13 | 16.64 0.46 -0.64 | 16.10 0.39 -0.95 | 20.84 0.51 -0.02 | 21.21 0.52 0.00 | 20.97 0.48 0.00 | 18.19 0.37 -0.07 | 16.65 0.32 -0.15 | 16.98 0.31 -0.25 | 14.14 0.32 -0.43 | 16.05 0.40 -0.19 | 10.65 0.27 -0.68 | 16.00 0.54 -0.34 | 21.29 0.72 -0.22 | 21.61 0.66 0.00 | 20.71 0.56 0.00 | 20.11 0.51 -0.02 |
| SLEIGHT__34_KV_TB1 80719 | 23.82 0.70 -0.48 | 19.66 0.60 0.00 | 17.90 0.54 -0.01 | 18.73 0.61 -0.01 | 20.91 0.71 -0.03 | 23.57 0.76 0.00 | 27.03 0.82 0.00 | 26.96 1.02 -0.28 | 17.69 0.67 -1.47 | 17.46 0.48 -2.22 | 21.00 0.66 -0.04 | 21.31 0.53 -0.09 | 21.09 0.51 -0.09 | 18.42 0.44 -0.24 | 16.82 0.28 -0.36 | 17.23 0.32 -0.50 | 14.58 0.25 -0.94 | 16.19 0.28 -0.45 | 11.45 0.21 -1.54 | 16.33 0.45 -0.75 | 21.31 0.60 -0.37 | 21.40 0.50 0.04 | 20.58 0.43 0.00 | 20.12 0.49 -0.05 |
| SOUTH CAIRO___GT 23612 | 23.78 1.14 0.00 | 19.98 0.92 0.00 | 18.22 0.86 0.00 | 18.98 0.86 0.00 | 21.12 0.95 0.00 | 24.15 1.34 0.00 | 27.89 1.67 -0.01 | 29.71 1.71 -2.34 | 28.89 1.01 -12.33 | 34.14 0.99 -18.39 | 21.91 1.16 -0.45 | 21.81 1.12 0.00 | 21.61 1.11 0.00 | 20.06 0.87 -1.45 | 19.97 0.79 -3.00 | 22.08 0.81 -4.86 | 22.61 0.85 -8.37 | 20.16 0.94 -3.77 | 23.52 0.65 -13.16 | 22.78 1.02 -6.63 | 26.01 1.43 -4.23 | 22.46 1.51 -0.01 | 21.48 1.32 0.00 | 21.19 1.18 -0.44 |
| SOUTH HAMPTN___IC 23720 | 24.98 2.35 0.00 | 21.11 2.05 0.00 | 19.22 1.87 0.00 | 20.05 1.93 0.00 | 22.21 2.04 0.00 | 25.34 2.53 0.00 | 28.86 2.64 -0.01 | 30.44 2.69 -2.10 | 28.12 1.53 -11.05 | 32.48 1.25 -16.47 | 22.77 2.06 -0.41 | 22.78 2.09 0.00 | 22.46 1.96 0.00 | 21.02 1.64 -1.63 | 20.57 1.57 -2.83 | 62.22 1.93 -43.88 | 22.29 1.41 -7.49 | 20.28 1.43 -3.39 | 22.56 1.07 -11.79 | 22.94 1.77 -6.05 | 26.54 2.40 -3.79 | 23.19 2.24 -0.01 | 22.28 2.12 0.00 | 22.03 2.07 -0.38 |
| SOUTHDOW__115KV_TB1 355954 | 23.95 0.96 -0.35 | 19.91 0.85 0.00 | 18.23 0.87 -0.01 | 19.18 1.06 -0.01 | 21.62 1.43 -0.02 | 24.36 1.55 0.00 | 27.68 1.49 0.02 | 27.81 1.78 -0.37 | 18.76 1.06 -2.16 | 16.69 0.75 -1.17 | 16.68 0.93 4.54 | 21.83 1.07 -0.07 | 21.43 0.87 -0.07 | 18.19 0.70 0.25 | 17.28 0.35 -0.75 | 14.03 0.67 3.06 | 12.52 0.47 1.34 | 16.63 0.52 -0.66 | 10.41 0.28 -0.42 | 15.57 0.69 0.25 | 16.03 0.83 5.15 | 19.78 0.69 1.85 | 20.69 0.67 0.14 | 20.72 1.07 -0.08 |
| SOUTHOLD_69_KV_BK 2 55809 | 25.32 2.59 -0.10 | 21.31 2.25 0.00 | 19.44 2.08 0.00 | 20.25 2.13 0.00 | 22.46 2.28 -0.01 | 25.65 2.84 0.00 | 29.22 3.00 -0.01 | 30.75 2.99 -2.10 | 28.32 1.72 -11.05 | 32.76 1.43 -16.57 | 23.22 2.31 -0.61 | 23.04 2.33 -0.02 | 22.72 2.21 -0.02 | 21.26 1.85 -1.67 | 20.75 1.74 -2.83 | 62.57 2.12 -44.03 | 22.59 1.59 -7.60 | 20.49 1.64 -3.39 | 22.77 1.21 -11.86 | 23.23 2.00 -6.10 | 27.08 2.70 -4.02 | 23.57 2.54 -0.09 | 22.57 2.40 -0.01 | 22.30 2.34 -0.38 |
| SOUTHOLD___IC 23719 | 25.22 2.59 0.00 | 21.31 2.25 0.00 | 19.42 2.06 0.00 | 20.25 2.13 0.00 | 22.45 2.27 0.00 | 25.64 2.83 0.00 | 29.20 2.98 -0.01 | 30.77 3.01 -2.10 | 28.32 1.72 -11.05 | 32.66 1.43 -16.47 | 23.01 2.30 -0.41 | 23.02 2.33 0.00 | 22.70 2.20 0.00 | 21.22 1.84 -1.63 | 20.74 1.74 -2.83 | 62.41 2.12 -43.88 | 22.46 1.58 -7.49 | 20.49 1.64 -3.39 | 22.70 1.21 -11.79 | 23.17 2.00 -6.05 | 26.85 2.71 -3.79 | 23.49 2.54 -0.01 | 22.56 2.40 0.00 | 22.30 2.34 -0.38 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| SPIERFLS_115KV_TB 1 80737 | 23.90 1.19 -0.08 | 20.01 0.95 0.00 | 18.19 0.84 0.00 | 18.89 0.77 0.00 | 21.07 0.90 -0.01 | 24.12 1.31 0.00 | 27.81 1.59 -0.01 | 29.87 1.67 -2.54 | 29.99 1.02 -13.42 | 35.88 1.03 -20.09 | 22.33 1.37 -0.65 | 22.08 1.38 -0.02 | 21.81 1.30 -0.02 | 20.32 1.08 -1.50 | 20.38 0.98 -3.22 | 22.84 1.03 -5.40 | 23.41 0.83 -9.19 | 20.60 1.05 -4.10 | 24.81 0.72 -14.38 | 23.44 1.08 -7.24 | 26.62 1.48 -4.78 | 22.45 1.43 -0.07 | 21.47 1.31 0.00 | 21.31 1.26 -0.48 |
| ST LAWRENCE____ 23600 | 13.79 -0.49 8.34 | 18.63 -0.43 0.00 | 16.95 -0.41 0.00 | 17.68 -0.44 0.00 | 19.73 -0.45 0.00 | 22.27 -0.54 0.00 | 25.62 -0.59 0.00 | 25.06 -0.60 0.00 | 15.13 -0.42 0.00 | 14.37 -0.39 0.00 | 19.75 -0.55 0.00 | 20.19 -0.50 0.00 | 20.05 -0.44 0.00 | 17.31 -0.43 0.00 | 15.87 -0.31 0.00 | 16.09 -0.33 0.00 | 13.13 -0.26 0.00 | 15.17 -0.29 0.00 | 9.51 -0.20 0.00 | 14.76 -0.37 0.00 | 19.87 -0.48 0.00 | 20.50 -0.44 0.00 | 19.79 -0.37 0.00 | 19.16 -0.41 0.00 |
| STATE_CA_115KV_115_LB 55624 | 23.35 0.63 -0.08 | 19.59 0.53 0.00 | 17.85 0.49 0.00 | 18.61 0.49 0.00 | 20.69 0.51 -0.01 | 23.50 0.69 0.00 | 27.09 0.87 -0.01 | 29.06 0.93 -2.47 | 29.19 0.58 -13.06 | 34.93 0.62 -19.55 | 21.82 0.88 -0.64 | 21.55 0.85 -0.02 | 21.34 0.83 -0.02 | 19.94 0.74 -1.45 | 19.98 0.66 -3.13 | 22.37 0.69 -5.26 | 22.93 0.59 -8.95 | 20.09 0.65 -3.99 | 24.12 0.42 -14.00 | 22.82 0.65 -7.04 | 25.88 0.86 -4.66 | 21.90 0.89 -0.07 | 20.94 0.78 -0.01 | 20.70 0.66 -0.47 |
| STATE_ST_34_KV_LOAD 55959 | 23.69 0.53 -0.52 | 19.46 0.40 0.00 | 17.79 0.42 -0.01 | 18.59 0.46 -0.01 | 20.72 0.51 -0.04 | 23.53 0.72 0.00 | 26.99 0.78 0.00 | 26.80 0.86 -0.29 | 17.59 0.55 -1.49 | 17.90 0.46 -2.68 | 21.85 0.55 -1.00 | 21.34 0.55 -0.10 | 21.03 0.43 -0.10 | 18.54 0.43 -0.36 | 16.88 0.34 -0.37 | 18.08 0.36 -1.31 | 15.18 0.27 -1.52 | 16.23 0.32 -0.46 | 11.88 0.24 -1.94 | 16.68 0.47 -1.08 | 22.59 0.64 -1.59 | 21.88 0.60 -0.34 | 20.72 0.54 -0.03 | 20.16 0.52 -0.05 |
| STATION 5_MISC_HYD 23604 | 22.96 0.33 0.00 | 19.37 0.31 0.00 | 17.66 0.31 0.00 | 18.49 0.37 0.00 | 20.63 0.46 0.00 | 23.36 0.55 0.00 | 26.58 0.39 0.01 | 26.44 0.51 -0.27 | 17.53 0.39 -1.60 | 16.64 0.19 -1.69 | 19.01 0.20 1.49 | 20.76 0.07 0.00 | 20.44 -0.05 0.00 | 17.59 -0.13 0.03 | 16.27 -0.25 -0.34 | 15.57 -0.10 0.74 | 13.35 -0.13 -0.09 | 15.67 -0.23 -0.45 | 10.62 -0.10 -1.02 | 15.21 -0.08 -0.16 | 18.68 -0.07 1.59 | 19.91 -0.26 0.77 | 19.77 -0.25 0.14 | 19.63 0.07 0.02 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 23.56 0.51 -0.42 | 19.51 0.45 0.00 | 17.79 0.43 -0.01 | 18.64 0.51 -0.01 | 20.81 0.60 -0.03 | 23.49 0.68 0.00 | 26.82 0.61 0.00 | 26.75 0.80 -0.30 | 17.62 0.52 -1.56 | 17.35 0.32 -2.27 | 20.54 0.37 0.13 | 21.07 0.30 -0.08 | 20.75 0.17 -0.08 | 18.06 0.09 -0.22 | 16.55 -0.01 -0.38 | 16.90 0.09 -0.39 | 14.35 0.06 -0.91 | 15.97 0.04 -0.48 | 11.32 0.05 -1.56 | 16.05 0.17 -0.75 | 20.76 0.23 -0.18 | 20.92 0.08 0.10 | 20.21 0.06 0.01 | 19.91 0.28 -0.06 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 23.32 0.31 -0.38 | 19.36 0.30 0.00 | 17.65 0.28 -0.01 | 18.48 0.36 -0.01 | 20.64 0.44 -0.03 | 23.30 0.49 0.00 | 26.51 0.31 0.00 | 26.45 0.51 -0.29 | 17.49 0.36 -1.59 | 16.69 0.12 -1.81 | 19.14 0.07 1.24 | 20.76 0.00 -0.07 | 20.42 -0.14 -0.07 | 17.63 -0.20 -0.08 | 16.26 -0.31 -0.38 | 15.73 -0.16 0.53 | 13.47 -0.19 -0.26 | 15.68 -0.26 -0.49 | 10.71 -0.14 -1.14 | 15.39 -0.15 -0.41 | 18.94 -0.17 1.23 | 20.04 -0.35 0.55 | 19.79 -0.32 0.04 | 19.62 -0.02 -0.06 |
| STA_56____34_KV_BUS2 355983 | 23.32 0.31 -0.38 | 19.36 0.30 0.00 | 17.65 0.28 -0.01 | 18.48 0.36 -0.01 | 20.64 0.44 -0.03 | 23.30 0.49 0.00 | 26.51 0.31 0.00 | 26.45 0.51 -0.29 | 17.49 0.36 -1.59 | 16.69 0.12 -1.81 | 19.14 0.07 1.24 | 20.76 0.00 -0.07 | 20.42 -0.14 -0.07 | 17.63 -0.20 -0.08 | 16.26 -0.31 -0.38 | 15.73 -0.16 0.53 | 13.47 -0.19 -0.26 | 15.68 -0.26 -0.49 | 10.71 -0.14 -1.14 | 15.39 -0.15 -0.41 | 18.94 -0.17 1.23 | 20.04 -0.35 0.55 | 19.79 -0.32 0.04 | 19.62 -0.02 -0.06 |
| STA_67____115KV_BK2 355882 | 23.27 0.26 -0.38 | 19.33 0.27 0.00 | 17.63 0.26 -0.01 | 18.45 0.33 -0.01 | 20.61 0.41 -0.03 | 23.28 0.47 0.00 | 26.48 0.28 0.00 | 26.42 0.47 -0.29 | 17.49 0.35 -1.60 | 16.61 0.11 -1.73 | 18.92 0.07 1.45 | 20.75 -0.01 -0.07 | 20.42 -0.14 -0.07 | 17.61 -0.20 -0.06 | 16.25 -0.31 -0.39 | 15.56 -0.16 0.70 | 13.34 -0.19 -0.15 | 15.68 -0.27 -0.49 | 10.64 -0.14 -1.07 | 15.33 -0.14 -0.35 | 18.69 -0.16 1.50 | 19.98 -0.34 0.63 | 19.82 -0.29 0.05 | 19.66 0.03 -0.06 |
| STA_7____115KV_9TRANS 80674 | 23.46 0.45 -0.38 | 19.48 0.42 0.00 | 17.77 0.40 -0.01 | 18.59 0.47 -0.01 | 20.77 0.57 -0.03 | 23.49 0.68 0.00 | 26.72 0.52 0.00 | 26.65 0.70 -0.29 | 17.63 0.49 -1.60 | 16.76 0.25 -1.75 | 19.13 0.25 1.42 | 20.93 0.17 -0.07 | 20.61 0.04 -0.07 | 17.77 -0.04 -0.06 | 16.39 -0.18 -0.39 | 15.72 -0.02 0.68 | 13.48 -0.07 -0.16 | 15.81 -0.13 -0.49 | 10.74 -0.05 -1.08 | 15.48 0.00 -0.35 | 18.92 0.03 1.46 | 20.18 -0.14 0.62 | 19.99 -0.12 0.05 | 19.82 0.19 -0.06 |
| STA_82____115KV_TB1 80780 | 23.29 0.28 -0.38 | 19.34 0.29 0.00 | 17.64 0.27 -0.01 | 18.47 0.34 -0.01 | 20.63 0.43 -0.03 | 23.31 0.49 0.00 | 26.51 0.31 0.00 | 26.44 0.49 -0.29 | 17.51 0.36 -1.60 | 16.70 0.13 -1.81 | 19.09 0.08 1.28 | 20.76 0.00 -0.07 | 20.44 -0.13 -0.07 | 17.64 -0.18 -0.08 | 16.26 -0.31 -0.39 | 15.71 -0.14 0.56 | 13.46 -0.18 -0.25 | 15.69 -0.25 -0.49 | 10.71 -0.13 -1.14 | 15.40 -0.13 -0.40 | 18.93 -0.14 1.29 | 20.06 -0.31 0.56 | 19.84 -0.28 0.04 | 19.67 0.04 -0.06 |
| STEEL____WIND 323596 | 22.82 0.19 0.00 | 19.28 0.22 0.00 | 17.61 0.25 0.00 | 18.48 0.36 0.00 | 20.62 0.45 0.00 | 23.29 0.48 0.00 | 26.32 0.18 0.07 | 26.16 0.31 -0.19 | 17.88 0.31 -2.02 | 13.91 0.06 0.91 | 11.67 0.05 8.67 | 20.62 -0.07 0.00 | 20.27 -0.22 0.00 | 16.59 -0.27 0.88 | 16.08 -0.47 -0.37 | 9.45 -0.27 6.70 | 9.13 -0.27 3.99 | 15.61 -0.38 -0.54 | 8.01 -0.21 1.48 | 12.68 -0.21 2.24 | 9.46 -0.26 10.63 | 16.81 -0.39 3.74 | 19.39 -0.34 0.44 | 19.63 0.12 0.07 |
| STEPHTWN_115KV_BK_2 55603 | 23.49 0.77 -0.08 | 19.69 0.63 0.00 | 17.95 0.59 0.00 | 18.71 0.59 0.00 | 20.88 0.71 -0.01 | 23.71 0.89 0.00 | 27.37 1.16 -0.01 | 29.23 1.15 -2.43 | 29.08 0.67 -12.86 | 34.72 0.72 -19.25 | 21.92 0.99 -0.64 | 21.66 0.96 -0.02 | 21.45 0.93 -0.02 | 20.05 0.87 -1.43 | 20.03 0.77 -3.08 | 22.45 0.85 -5.18 | 22.89 0.69 -8.81 | 20.15 0.78 -3.92 | 23.98 0.49 -13.78 | 22.85 0.79 -6.93 | 26.00 1.05 -4.60 | 22.07 1.06 -0.07 | 21.07 0.90 -0.01 | 20.81 0.78 -0.46 |
| STEBEN_REC_LFGE 323667 | 23.13 0.13 -0.36 | 19.20 0.14 0.00 | 17.74 0.37 -0.01 | 18.75 0.62 -0.01 | 20.67 0.47 -0.02 | 23.23 0.42 0.00 | 26.42 0.15 -0.07 | 26.98 0.68 -0.64 | 18.54 0.48 -2.52 | 25.85 0.11 -10.99 | 36.52 0.02 -16.20 | 20.81 0.05 -0.07 | 20.53 -0.03 -0.07 | 20.13 0.06 -2.33 | 16.68 -0.15 -0.66 | 30.92 -0.05 -14.55 | 24.86 0.11 -11.36 | 16.47 0.24 -0.77 | 19.18 0.23 -9.25 | 22.03 0.36 -6.55 | 42.29 0.42 -21.52 | 27.78 0.41 -6.42 | 21.02 0.38 -0.48 | 20.40 0.73 -0.09 |
| STONY____BROOK 24151 | 24.77 2.14 0.00 | 20.91 1.85 0.00 | 19.03 1.68 0.00 | 19.84 1.72 0.00 | 21.97 1.80 0.00 | 25.13 2.31 0.00 | 28.74 2.52 -0.01 | 30.33 2.58 -2.10 | 28.08 1.49 -11.05 | 32.49 1.25 -16.47 | 22.79 2.08 -0.41 | 22.80 2.11 0.00 | 22.52 2.02 0.00 | 21.08 1.70 -1.63 | 20.62 1.62 -2.83 | 62.25 1.96 -43.88 | 22.28 1.40 -7.49 | 20.26 1.42 -3.39 | 22.53 1.04 -11.79 | 22.88 1.70 -6.05 | 26.44 2.30 -3.79 | 23.11 2.16 -0.01 | 22.20 2.04 0.00 | 21.96 2.01 -0.38 |

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| STURGEON_POOL_HYD 23609 | 24.25 1.52 -0.10 | 20.41 1.36 0.00 | 18.57 1.21 0.00 | 19.41 1.29 0.00 | 21.52 1.33 -0.01 | 24.34 1.53 0.00 | 28.10 1.88 -0.01 | 29.87 2.08 -2.13 | 28.13 1.28 -11.31 | 32.91 1.20 -16.95 | 22.72 1.80 -0.61 | 22.52 1.81 -0.02 | 22.36 1.85 -0.02 | 21.07 1.71 -1.62 | 20.55 1.51 -2.86 | 22.60 1.53 -4.65 | 22.32 1.15 -7.77 | 20.28 1.36 -3.47 | 22.70 0.86 -12.14 | 22.72 1.38 -6.22 | 26.32 1.87 -4.10 | 22.78 1.76 -0.08 | 21.76 1.59 -0.01 | 21.46 1.50 -0.40 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 24.17 1.43 -0.10 | 20.31 1.25 0.00 | 18.47 1.12 0.00 | 19.30 1.18 0.00 | 21.42 1.24 -0.01 | 24.29 1.48 0.00 | 28.01 1.79 -0.01 | 29.59 1.91 -2.02 | 27.32 1.17 -10.61 | 31.81 1.13 -15.92 | 22.57 1.66 -0.60 | 22.36 1.65 -0.02 | 22.19 1.68 -0.02 | 20.86 1.53 -1.59 | 20.25 1.36 -2.71 | 22.18 1.37 -4.40 | 21.76 1.06 -7.31 | 19.92 1.22 -3.25 | 21.89 0.79 -11.40 | 22.24 1.26 -5.86 | 25.93 1.69 -3.88 | 22.65 1.62 -0.09 | 21.65 1.48 -0.01 | 21.36 1.42 -0.37 |
| SWANROAD_115KV_TB1 355699 | 22.42 -0.57 -0.36 | 18.68 -0.38 0.00 | 17.04 -0.32 -0.01 | 17.87 -0.25 -0.01 | 19.97 -0.23 -0.02 | 22.45 -0.36 0.00 | 25.28 -0.91 0.02 | 25.30 -0.66 -0.30 | 17.18 -0.24 -1.88 | 14.24 -0.46 0.06 | 13.19 -0.71 6.40 | 19.90 -0.86 -0.07 | 19.54 -1.03 -0.07 | 16.24 -0.98 0.52 | 15.46 -1.16 -0.44 | 10.80 -0.87 4.75 | 9.96 -0.80 2.63 | 14.98 -1.05 -0.57 | 8.51 -0.57 0.63 | 13.19 -0.87 1.06 | 11.61 -1.07 7.67 | 17.01 -1.34 2.59 | 18.78 -1.18 0.19 | 18.99 -0.66 -0.07 |
| SYNERGY___BIOGAS 323694 | 23.25 0.62 0.00 | 19.63 0.57 0.00 | 17.90 0.54 0.00 | 18.77 0.65 0.00 | 20.98 0.80 0.00 | 23.73 0.92 0.00 | 26.96 0.79 0.03 | 26.86 0.96 -0.24 | 18.01 0.72 -1.74 | 16.03 0.51 -0.77 | 16.91 0.63 4.02 | 20.99 0.30 0.00 | 20.56 0.07 0.00 | 17.35 -0.06 0.33 | 16.28 -0.25 -0.36 | 13.64 0.07 2.85 | 11.99 -0.04 1.36 | 15.76 -0.17 -0.48 | 9.81 -0.02 -0.13 | 14.56 0.13 0.70 | 15.80 0.26 4.81 | 19.15 0.03 1.82 | 19.95 0.04 0.25 | 19.96 0.42 0.04 |
| SYRACUSE___ENERGY_ST1 323597 | 23.29 0.10 -0.55 | 19.13 0.07 0.00 | 17.42 0.07 0.00 | 18.24 0.12 0.00 | 20.31 0.14 0.00 | 22.99 0.18 0.00 | 26.39 0.19 0.00 | 26.06 0.18 -0.23 | 16.86 0.12 -1.20 | 16.62 0.08 -1.78 | 20.45 0.10 -0.04 | 20.76 0.07 0.00 | 20.53 0.03 0.00 | 17.93 0.04 -0.15 | 16.47 0.00 -0.29 | 16.89 0.00 -0.47 | 14.21 0.01 -0.81 | 15.85 0.03 -0.37 | 11.02 0.04 -1.28 | 15.87 0.10 -0.64 | 20.90 0.13 -0.41 | 21.03 0.08 0.00 | 20.20 0.04 0.00 | 19.71 0.08 -0.05 |
| SYRACUSE___ENERGY_ST2 323598 | 23.29 0.10 -0.55 | 19.13 0.07 0.00 | 17.42 0.07 0.00 | 18.24 0.12 0.00 | 20.31 0.14 0.00 | 22.99 0.18 0.00 | 26.39 0.19 0.00 | 26.06 0.18 -0.23 | 16.86 0.12 -1.20 | 16.62 0.08 -1.78 | 20.45 0.10 -0.04 | 20.76 0.07 0.00 | 20.53 0.03 0.00 | 17.93 0.04 -0.15 | 16.47 0.00 -0.29 | 16.89 0.00 -0.47 | 14.21 0.01 -0.81 | 15.85 0.03 -0.37 | 11.02 0.04 -1.28 | 15.87 0.10 -0.64 | 20.90 0.13 -0.41 | 21.03 0.08 0.00 | 20.20 0.04 0.00 | 19.71 0.08 -0.05 |
| SYRACUSE___POWER 24017 | 23.43 0.15 -0.64 | 19.18 0.12 0.00 | 17.48 0.11 -0.02 | 18.28 0.15 -0.01 | 20.39 0.17 -0.04 | 23.03 0.21 0.00 | 26.43 0.22 0.00 | 26.13 0.24 -0.24 | 16.93 0.15 -1.23 | 16.90 0.11 -2.03 | 20.82 0.12 -0.38 | 20.93 0.12 -0.12 | 20.70 0.08 -0.12 | 18.09 0.07 -0.27 | 16.50 0.02 -0.30 | 17.12 0.03 -0.67 | 14.39 0.03 -0.97 | 15.90 0.07 -0.38 | 11.17 0.05 -1.41 | 16.00 0.14 -0.74 | 21.23 0.17 -0.70 | 21.15 0.12 -0.09 | 20.24 0.08 -0.01 | 19.75 0.13 -0.05 |
| TALLMAN__138KV_BK151 55660 | 24.30 1.56 -0.10 | 20.41 1.36 0.00 | 18.57 1.21 0.00 | 19.39 1.27 0.00 | 21.53 1.34 -0.01 | 24.41 1.60 0.00 | 28.15 1.93 -0.01 | 29.79 2.09 -2.05 | 27.61 1.29 -10.78 | 32.19 1.26 -16.17 | 22.76 1.86 -0.60 | 22.54 1.83 -0.02 | 22.38 1.86 -0.02 | 21.05 1.69 -1.62 | 20.44 1.51 -2.75 | 22.40 1.52 -4.47 | 21.98 1.17 -7.42 | 20.09 1.33 -3.31 | 22.15 0.86 -11.58 | 22.44 1.36 -5.95 | 26.13 1.84 -3.94 | 22.79 1.76 -0.09 | 21.77 1.61 -0.01 | 21.49 1.55 -0.38 |
| TEALLAVE_115KV_TB7 355573 | 23.41 0.05 -0.73 | 19.10 0.04 0.00 | 17.40 0.03 -0.02 | 18.20 0.07 -0.01 | 20.31 0.08 -0.05 | 22.91 0.10 0.00 | 26.28 0.07 0.00 | 25.95 0.09 -0.20 | 16.66 0.06 -1.05 | 16.49 0.03 -1.71 | 20.58 0.03 -0.25 | 20.82 0.00 -0.14 | 20.60 -0.03 -0.13 | 17.97 -0.02 -0.24 | 16.38 -0.06 -0.26 | 16.84 -0.06 -0.48 | 14.12 -0.04 -0.76 | 15.75 -0.02 -0.32 | 10.86 -0.01 -1.16 | 15.75 0.03 -0.60 | 20.85 0.04 -0.46 | 20.95 -0.02 -0.03 | 20.11 -0.05 0.00 | 19.62 0.01 -0.04 |
| TELGRAPH_34_KV_EAST 80808 | 23.00 0.00 -0.37 | 19.14 0.08 0.00 | 17.46 0.10 -0.01 | 18.31 0.18 -0.01 | 20.46 0.27 -0.02 | 23.05 0.24 0.00 | 26.05 -0.14 0.02 | 26.06 0.11 -0.30 | 17.56 0.19 -1.82 | 15.01 -0.04 -0.29 | 14.76 -0.15 5.39 | 20.47 -0.29 -0.07 | 20.09 -0.48 -0.07 | 16.84 -0.50 0.40 | 15.91 -0.70 -0.43 | 12.07 -0.42 3.93 | 10.89 -0.43 2.07 | 15.42 -0.59 -0.56 | 9.11 -0.30 0.30 | 13.94 -0.41 0.78 | 13.47 -0.45 6.44 | 18.07 -0.68 2.20 | 19.41 -0.58 0.16 | 19.52 -0.12 -0.07 |
| TEMPLE___115KV_TB 2 55572 | 23.41 0.07 -0.71 | 19.12 0.06 0.00 | 17.42 0.05 -0.02 | 18.21 0.08 -0.01 | 20.32 0.10 -0.05 | 22.93 0.12 0.00 | 26.31 0.10 0.00 | 25.98 0.12 -0.20 | 16.68 0.07 -1.06 | 16.52 0.04 -1.73 | 20.60 0.05 -0.25 | 20.84 0.02 -0.13 | 20.63 0.00 -0.13 | 17.99 0.00 -0.24 | 16.40 -0.04 -0.26 | 16.87 -0.04 -0.49 | 14.14 -0.02 -0.77 | 15.77 -0.01 -0.33 | 10.88 0.01 -1.17 | 15.78 0.05 -0.60 | 20.87 0.05 -0.47 | 20.98 0.00 -0.03 | 20.13 -0.03 0.00 | 19.65 0.03 -0.04 |
| TIANA____69_KV_BK 1 55817 | 24.99 2.26 -0.10 | 21.04 1.98 0.00 | 19.17 1.81 0.00 | 19.97 1.85 0.00 | 22.14 1.96 -0.01 | 25.23 2.42 0.00 | 28.75 2.53 -0.01 | 30.30 2.55 -2.10 | 28.05 1.45 -11.05 | 32.51 1.19 -16.57 | 22.89 1.98 -0.61 | 22.71 2.00 -0.02 | 22.40 1.89 -0.02 | 20.99 1.58 -1.67 | 20.51 1.50 -2.83 | 62.32 1.87 -44.03 | 22.36 1.37 -7.60 | 20.21 1.37 -3.39 | 22.59 1.02 -11.86 | 22.93 1.70 -6.10 | 26.68 2.30 -4.02 | 23.18 2.15 -0.09 | 22.20 2.03 -0.01 | 21.95 1.99 -0.38 |
| TILDEN___115KV_TB1 80814 | 23.43 0.15 -0.64 | 19.18 0.12 0.00 | 17.48 0.11 -0.02 | 18.28 0.15 -0.01 | 20.39 0.17 -0.04 | 23.03 0.21 0.00 | 26.43 0.22 0.00 | 26.13 0.24 -0.24 | 16.93 0.15 -1.23 | 16.90 0.11 -2.03 | 20.82 0.12 -0.38 | 20.93 0.12 -0.12 | 20.70 0.08 -0.12 | 18.09 0.07 -0.27 | 16.50 0.02 -0.30 | 17.12 0.03 -0.67 | 14.39 0.03 -0.97 | 15.90 0.07 -0.38 | 11.17 0.05 -1.41 | 16.00 0.14 -0.74 | 21.23 0.17 -0.70 | 21.15 0.12 -0.09 | 20.24 0.08 -0.01 | 19.75 0.13 -0.05 |
| TRIGEN___CC 323695 | 24.66 1.93 -0.10 | 20.71 1.65 0.00 | 18.86 1.51 0.00 | 19.66 1.54 0.00 | 21.80 1.62 -0.01 | 24.85 2.04 0.00 | 28.54 2.32 -0.01 | 30.15 2.39 -2.10 | 28.03 1.43 -11.05 | 32.62 1.29 -16.57 | 23.00 2.09 -0.61 | 22.83 2.12 -0.02 | 22.59 2.07 -0.02 | 21.23 1.82 -1.67 | 20.69 1.68 -2.83 | 62.31 1.87 -44.03 | 22.31 1.31 -7.60 | 20.25 1.41 -3.39 | 22.55 0.98 -11.86 | 22.82 1.59 -6.10 | 26.51 2.14 -4.02 | 23.05 2.03 -0.09 | 22.03 1.87 -0.01 | 21.82 1.86 -0.38 |
| TRINITY__115KV__ 4 BK 55933 | 23.29 0.58 -0.08 | 19.54 0.48 0.00 | 17.81 0.45 0.00 | 18.58 0.45 0.00 | 20.65 0.47 -0.01 | 23.44 0.63 0.00 | 27.02 0.80 -0.01 | 28.96 0.86 -2.44 | 28.98 0.53 -12.90 | 34.65 0.57 -19.32 | 21.76 0.83 -0.64 | 21.49 0.78 -0.02 | 21.28 0.77 -0.02 | 19.87 0.69 -1.43 | 19.89 0.61 -3.09 | 22.26 0.64 -5.20 | 22.78 0.55 -8.84 | 19.98 0.59 -3.94 | 23.92 0.38 -13.83 | 22.68 0.59 -6.96 | 25.76 0.79 -4.61 | 21.84 0.82 -0.07 | 20.89 0.73 -0.01 | 20.65 0.61 -0.46 |

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|---|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|
| UNION___PROCESSING_DRP 323587 | 23.30 0.29 -0.38 | 19.35 0.29 0.00 | 17.65 0.28 -0.01 | 18.47 0.35 -0.01 | 20.63 0.43 -0.03 | 23.31 0.50 0.00 | 26.52 0.31 0.00 | 26.45 0.50 -0.29 | 17.51 0.37 -1.60 | 16.69 0.14 -1.79 | 19.06 0.09 1.33 | 20.77 0.01 -0.07 | 20.45 -0.12 -0.07 | 17.64 -0.18 -0.07 | 16.27 -0.30 -0.39 | 15.68 -0.14 0.60 | 13.43 -0.18 -0.22 | 15.69 -0.25 -0.49 | 10.70 -0.13 -1.12 | 15.39 -0.12 -0.39 | 18.87 -0.14 1.34 | 20.05 -0.31 0.58 | 19.84 -0.27 0.04 | 19.68 0.05 -0.06 |
| UPPER HUDSON___HYD 24058 | 23.82 1.19 0.00 | 20.00 0.95 0.00 | 18.18 0.82 0.00 | 18.89 0.77 0.00 | 21.07 0.90 0.00 | 24.11 1.30 0.00 | 27.81 1.59 -0.01 | 29.87 1.67 -2.55 | 29.99 1.02 -13.42 | 35.81 1.03 -20.01 | 22.17 1.37 -0.49 | 22.07 1.38 0.00 | 21.80 1.30 0.00 | 20.29 1.08 -1.47 | 20.38 0.98 -3.22 | 22.72 1.03 -5.27 | 23.33 0.83 -9.11 | 20.60 1.05 -4.10 | 24.75 0.72 -14.32 | 23.39 1.08 -7.18 | 26.43 1.48 -4.60 | 22.39 1.43 -0.01 | 21.47 1.31 0.00 | 21.31 1.26 -0.48 |
| UPPER RAQUET___HYD 24056 | 11.91 -1.12 9.60 | 18.05 -1.01 0.00 | 17.38 -1.02 -1.05 | 17.59 -1.08 -0.54 | 21.32 -1.10 -2.25 | 21.61 -1.20 0.00 | 24.93 -1.28 0.00 | 24.37 -1.29 0.00 | 14.65 -0.89 0.00 | 19.01 -0.85 -5.11 | 25.60 -1.16 -6.45 | 26.09 -1.12 -6.52 | 25.94 -1.08 -6.52 | 21.76 -1.00 -5.02 | 15.41 -0.77 0.00 | 15.62 -0.80 0.00 | 12.78 -0.61 0.00 | 14.82 -0.64 0.00 | 9.28 -0.42 0.00 | 14.45 -0.68 0.00 | 19.47 -0.88 0.00 | 20.04 -0.90 0.00 | 19.30 -0.85 0.00 | 18.64 -0.93 0.00 |
| VALLEY44_115KV_TB2 355964 | 24.11 1.12 -0.35 | 20.06 1.00 0.00 | 18.32 0.95 -0.01 | 19.28 1.15 -0.01 | 21.55 1.36 -0.02 | 24.19 1.38 0.00 | 27.49 1.30 0.01 | 27.68 1.62 -0.40 | 18.79 1.00 -2.25 | 17.61 0.76 -2.09 | 18.62 1.11 2.79 | 21.91 1.15 -0.07 | 21.55 0.99 -0.07 | 18.66 0.95 0.03 | 17.43 0.64 -0.61 | 15.76 0.88 1.54 | 13.84 0.69 0.23 | 16.68 0.54 -0.69 | 11.22 0.29 -1.22 | 16.17 0.65 -0.39 | 18.25 0.80 2.90 | 20.65 0.86 1.16 | 21.01 0.94 0.09 | 20.90 1.24 -0.08 |
| VALLEY___115KV_TB 1-4 80826 | 23.05 -0.01 -0.42 | 18.92 -0.14 0.00 | 17.11 -0.26 -0.02 | 17.83 -0.30 -0.01 | 19.82 -0.39 -0.04 | 22.48 -0.33 0.00 | 26.01 -0.19 0.00 | 25.63 -0.07 -0.04 | 15.70 -0.04 -0.20 | 15.31 0.12 -0.43 | 20.68 0.20 -0.18 | 20.94 0.11 -0.14 | 20.63 -0.01 -0.14 | 17.95 0.07 -0.14 | 16.23 0.00 -0.05 | 16.52 0.00 -0.10 | 13.56 0.01 -0.15 | 15.51 -0.01 -0.06 | 9.90 -0.04 -0.23 | 15.43 0.19 -0.12 | 20.72 0.26 -0.10 | 21.19 0.24 -0.01 | 20.23 0.07 0.00 | 19.58 0.00 -0.01 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 24.41 1.58 -0.19 | 20.37 1.32 0.00 | 18.63 1.27 -0.01 | 19.46 1.34 0.00 | 21.60 1.42 -0.01 | 24.66 1.85 0.00 | 28.43 2.22 -0.01 | 28.76 2.14 -0.96 | 21.50 1.34 -4.62 | 23.09 1.20 -7.13 | 22.69 1.70 -0.69 | 22.42 1.69 -0.04 | 22.15 1.61 -0.04 | 19.79 1.39 -0.66 | 18.53 1.22 -1.14 | 19.91 1.26 -2.23 | 17.84 1.03 -3.42 | 18.05 1.19 -1.41 | 15.61 0.78 -5.12 | 19.06 1.29 -2.64 | 24.30 1.75 -2.20 | 22.85 1.72 -0.19 | 21.77 1.59 -0.01 | 21.31 1.56 -0.17 |
| VISCHER___FERRY HYD 24020 | 23.57 0.94 0.00 | 19.84 0.78 0.00 | 18.04 0.69 0.00 | 18.82 0.70 0.00 | 20.94 0.77 0.00 | 23.80 0.99 0.00 | 27.42 1.20 -0.01 | 29.41 1.26 -2.49 | 29.43 0.76 -13.13 | 35.12 0.79 -19.57 | 21.86 1.07 -0.48 | 21.71 1.02 0.00 | 21.51 1.02 0.00 | 20.09 0.91 -1.44 | 20.14 0.81 -3.15 | 22.40 0.83 -5.16 | 22.98 0.68 -8.90 | 20.21 0.75 -4.01 | 24.22 0.50 -14.01 | 22.93 0.78 -7.03 | 25.90 1.05 -4.50 | 22.06 1.11 -0.01 | 21.17 1.01 0.00 | 20.98 0.93 -0.47 |
| V_A_10_SYNC_DSASP 323832 | 22.79 -0.21 -0.36 | 18.97 -0.09 0.00 | 17.30 -0.06 -0.01 | 18.14 0.02 -0.01 | 20.28 0.08 -0.02 | 22.85 0.04 0.00 | 25.86 -0.34 0.02 | 25.81 -0.13 -0.29 | 17.30 0.01 -1.75 | 15.18 -0.22 -0.64 | 15.51 -0.40 4.39 | 20.27 -0.49 -0.07 | 19.92 -0.64 -0.07 | 16.84 -0.62 0.29 | 15.85 -0.74 -0.42 | 12.73 -0.55 3.13 | 11.35 -0.53 1.51 | 15.31 -0.67 -0.53 | 9.34 -0.39 -0.03 | 14.05 -0.55 0.53 | 14.38 -0.70 5.27 | 18.25 -0.89 1.81 | 19.26 -0.77 0.13 | 19.31 -0.33 -0.06 |
| V_CMM_10_SYNC_DSASP 323787 | 13.90 -0.39 8.34 | 18.71 -0.35 0.00 | 17.02 -0.33 0.00 | 17.76 -0.36 0.00 | 19.82 -0.35 0.00 | 22.38 -0.43 0.00 | 25.73 -0.47 0.00 | 25.16 -0.50 0.00 | 15.20 -0.35 0.00 | 14.43 -0.32 0.00 | 19.84 -0.46 0.00 | 20.28 -0.40 0.00 | 20.14 -0.36 0.00 | 17.39 -0.35 0.00 | 15.94 -0.24 0.00 | 16.16 -0.25 0.00 | 13.19 -0.20 0.00 | 15.24 -0.22 0.00 | 9.55 -0.15 0.00 | 14.83 -0.30 0.00 | 19.96 -0.39 0.00 | 20.59 -0.35 0.00 | 19.87 -0.29 0.00 | 19.25 -0.32 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | -14.31 -1.11 35.84 | 18.15 -0.91 0.00 | 10.28 -0.93 6.14 | 13.92 -1.00 3.20 | 6.07 -0.89 13.21 | 22.82 0.01 0.00 | 26.37 0.16 0.00 | 26.22 0.57 0.00 | 15.24 -0.31 0.00 | -18.33 -0.57 32.52 | -21.55 -0.79 41.06 | -21.57 -0.77 41.49 | -21.67 -0.70 41.47 | -14.86 -0.68 31.92 | 16.02 -0.16 0.00 | 16.28 -0.13 0.00 | 13.30 -0.09 0.00 | 15.54 0.09 0.00 | 9.82 0.11 0.00 | 15.39 0.26 0.00 | 20.80 0.45 0.00 | 21.31 0.37 0.00 | 20.45 0.29 0.00 | 20.05 0.47 0.00 |
| V_E_10_SYNC_DSASP 323830 | 24.04 1.40 0.00 | 20.30 1.24 0.00 | 18.46 1.11 0.00 | 19.32 1.20 0.00 | 21.69 1.52 0.00 | 24.79 1.98 0.00 | 28.66 2.44 -0.02 | 28.87 2.54 -0.67 | 20.50 1.57 -3.39 | 21.68 1.31 -5.61 | 23.20 1.52 -1.37 | 22.33 1.64 0.00 | 21.98 1.49 0.00 | 19.44 1.12 -0.57 | 17.87 0.86 -0.83 | 19.65 0.83 -2.41 | 17.07 0.63 -3.05 | 17.44 0.95 -1.04 | 14.60 0.77 -4.13 | 18.96 1.55 -2.28 | 25.28 2.14 -2.78 | 23.27 1.82 -0.51 | 21.75 1.56 -0.04 | 21.22 1.52 -0.13 |
| V_F_30_NSYNC___DSASP 323816 | 23.86 1.23 0.00 | 20.05 1.00 0.00 | 18.24 0.89 0.00 | 19.02 0.90 0.00 | 21.18 1.01 0.00 | 24.15 1.34 0.00 | 27.83 1.61 -0.01 | 29.86 1.67 -2.54 | 29.95 1.02 -13.38 | 35.73 1.02 -19.95 | 22.16 1.37 -0.49 | 22.02 1.34 0.00 | 21.81 1.31 0.00 | 20.34 1.14 -1.47 | 20.41 1.02 -3.21 | 22.73 1.05 -5.26 | 23.34 0.87 -9.08 | 20.56 1.02 -4.08 | 24.67 0.68 -14.28 | 23.34 1.05 -7.16 | 26.36 1.42 -4.58 | 22.38 1.43 -0.01 | 21.46 1.31 0.00 | 21.29 1.24 -0.48 |
| V_F_30_SYNC_DSASP 323786 | 23.35 0.63 -0.08 | 19.59 0.53 0.00 | 17.85 0.49 0.00 | 18.61 0.49 0.00 | 20.69 0.51 -0.01 | 23.50 0.69 0.00 | 27.09 0.87 -0.01 | 29.06 0.93 -2.47 | 29.17 0.58 -13.05 | 34.91 0.61 -19.54 | 21.82 0.88 -0.64 | 21.55 0.84 -0.02 | 21.34 0.83 -0.02 | 19.93 0.74 -1.45 | 19.97 0.66 -3.13 | 22.37 0.69 -5.26 | 22.92 0.59 -8.94 | 20.08 0.64 -3.98 | 24.11 0.42 -13.98 | 22.81 0.65 -7.03 | 25.87 0.86 -4.66 | 21.90 0.89 -0.07 | 20.94 0.78 -0.01 | 20.70 0.66 -0.46 |
| V_XM_10_SYNC_DSASP 323789 | -14.31 -1.11 35.84 | 18.15 -0.91 0.00 | 10.28 -0.93 6.14 | 13.92 -1.00 3.20 | 6.07 -0.89 13.21 | 22.82 0.01 0.00 | 26.37 0.16 0.00 | 26.22 0.57 0.00 | 15.24 -0.31 0.00 | -18.33 -0.57 32.52 | -21.55 -0.79 41.06 | -21.57 -0.77 41.49 | -21.67 -0.70 41.47 | -14.86 -0.68 31.92 | 16.02 -0.16 0.00 | 16.28 -0.13 0.00 | 13.30 -0.09 0.00 | 15.54 0.09 0.00 | 9.82 0.11 0.00 | 15.39 0.26 0.00 | 20.80 0.45 0.00 | 21.31 0.37 0.00 | 20.45 0.29 0.00 | 20.05 0.47 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 24.37 1.64 -0.10 | 20.47 1.42 0.00 | 18.62 1.27 0.00 | 19.45 1.33 0.00 | 21.59 1.41 -0.01 | 24.49 1.67 0.00 | 28.25 2.04 -0.01 | 29.89 2.18 -2.06 | 27.71 1.34 -10.82 | 32.29 1.31 -16.23 | 22.83 1.92 -0.60 | 22.61 1.91 -0.02 | 22.45 1.94 -0.02 | 21.13 1.75 -1.63 | 20.51 1.56 -2.76 | 22.48 1.58 -4.48 | 22.06 1.22 -7.45 | 20.16 1.39 -3.32 | 22.22 0.90 -11.62 | 22.52 1.42 -5.98 | 26.22 1.92 -3.95 | 22.87 1.84 -0.09 | 21.85 1.69 -0.01 | 21.56 1.61 -0.38 |

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| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 24.51 1.78 -0.10 | 20.61 1.55 0.00 | 18.76 1.41 0.00 | 19.59 1.47 0.00 | 21.73 1.55 -0.01 | 24.66 1.84 0.00 | 28.44 2.22 -0.01 | 30.13 2.38 -2.10 | 28.10 1.51 -11.05 | 32.78 1.46 -16.56 | 23.02 2.12 -0.61 | 22.82 2.11 -0.02 | 22.67 2.15 -0.02 | 21.36 1.94 -1.67 | 20.74 1.73 -2.82 | 22.72 1.73 -4.57 | 22.33 1.34 -7.60 | 20.37 1.53 -3.39 | 22.54 0.98 -11.86 | 22.76 1.53 -6.10 | 26.44 2.07 -4.02 | 23.01 1.98 -0.09 | 22.00 1.83 -0.01 | 21.70 1.74 -0.38 |
| W50THST__13_KV_LOAD 356117 | 24.64 1.91 -0.10 | 20.71 1.66 0.00 | 18.86 1.50 0.00 | 19.70 1.57 0.00 | 21.85 1.67 -0.01 | 24.78 1.97 0.00 | 28.59 2.37 -0.01 | 30.31 2.56 -2.10 | 28.21 1.62 -11.05 | 32.90 1.57 -16.56 | 23.19 2.28 -0.61 | 22.98 2.28 -0.02 | 22.83 2.31 -0.02 | 21.49 2.08 -1.67 | 20.86 1.86 -2.82 | 22.85 1.86 -4.57 | 22.44 1.44 -7.60 | 20.49 1.65 -3.39 | 22.61 1.04 -11.86 | 22.85 1.63 -6.10 | 26.57 2.20 -4.02 | 23.13 2.10 -0.09 | 22.10 1.94 -0.01 | 21.80 1.84 -0.38 |
| WADING RIVER_IC_1 23522 | 24.58 1.94 0.00 | 20.78 1.72 0.00 | 18.90 1.55 0.00 | 19.71 1.59 0.00 | 21.83 1.66 0.00 | 24.84 2.02 0.00 | 28.22 2.01 -0.01 | 29.83 2.07 -2.10 | 27.75 1.16 -11.05 | 32.16 0.93 -16.47 | 22.32 1.61 -0.41 | 22.32 1.64 0.00 | 22.03 1.54 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.58 -43.88 | 22.00 1.12 -7.49 | 19.92 1.08 -3.39 | 22.33 0.84 -11.79 | 22.57 1.40 -6.05 | 26.04 1.90 -3.79 | 22.69 1.74 -0.01 | 21.81 1.66 0.00 | 21.58 1.63 -0.38 |
| WADING RIVER_IC_2 23547 | 24.58 1.94 0.00 | 20.78 1.72 0.00 | 18.90 1.55 0.00 | 19.71 1.59 0.00 | 21.83 1.66 0.00 | 24.84 2.02 0.00 | 28.22 2.01 -0.01 | 29.83 2.07 -2.10 | 27.75 1.16 -11.05 | 32.16 0.93 -16.47 | 22.32 1.61 -0.41 | 22.32 1.64 0.00 | 22.03 1.54 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.58 -43.88 | 22.00 1.12 -7.49 | 19.92 1.08 -3.39 | 22.33 0.84 -11.79 | 22.57 1.40 -6.05 | 26.04 1.90 -3.79 | 22.69 1.74 -0.01 | 21.81 1.66 0.00 | 21.58 1.63 -0.38 |
| WADING RIVER_IC_3 23601 | 24.58 1.94 0.00 | 20.78 1.72 0.00 | 18.90 1.55 0.00 | 19.71 1.59 0.00 | 21.83 1.66 0.00 | 24.84 2.02 0.00 | 28.22 2.01 -0.01 | 29.83 2.07 -2.10 | 27.75 1.16 -11.05 | 32.16 0.93 -16.47 | 22.32 1.61 -0.41 | 22.32 1.64 0.00 | 22.03 1.54 0.00 | 20.66 1.28 -1.63 | 20.24 1.24 -2.83 | 61.88 1.58 -43.88 | 22.00 1.12 -7.49 | 19.92 1.08 -3.39 | 22.33 0.84 -11.79 | 22.57 1.40 -6.05 | 26.04 1.90 -3.79 | 22.69 1.74 -0.01 | 21.81 1.66 0.00 | 21.58 1.63 -0.38 |
| WALDENNY_12_KV_BK2 80841 | 23.14 0.15 -0.36 | 19.26 0.20 0.00 | 17.59 0.22 -0.01 | 18.46 0.34 -0.01 | 20.63 0.44 -0.02 | 23.25 0.44 0.00 | 26.27 0.10 0.03 | 26.29 0.32 -0.30 | 17.85 0.30 -2.00 | 14.03 0.03 0.76 | 11.90 -0.04 8.35 | 20.67 -0.09 -0.07 | 20.31 -0.25 -0.07 | 16.72 -0.29 0.74 | 16.14 -0.50 -0.46 | 9.80 -0.29 6.33 | 9.37 -0.30 3.72 | 15.67 -0.39 -0.61 | 8.19 -0.23 1.29 | 13.28 -0.24 1.60 | 9.98 -0.31 10.07 | 17.12 -0.45 3.37 | 19.53 -0.37 0.25 | 19.73 0.08 -0.07 |
| WALDEN__HYDRO 24148 | 24.25 1.61 0.00 | 20.46 1.40 0.00 | 18.61 1.25 0.00 | 19.43 1.31 0.00 | 21.56 1.39 0.00 | 24.48 1.66 0.00 | 28.24 2.02 -0.01 | 29.92 2.20 -2.07 | 27.76 1.33 -10.88 | 32.20 1.22 -16.22 | 22.48 1.78 -0.40 | 22.50 1.81 0.00 | 22.28 1.79 0.00 | 21.04 1.71 -1.60 | 20.46 1.50 -2.78 | 22.26 1.50 -4.35 | 21.92 1.15 -7.38 | 20.17 1.38 -3.34 | 22.21 0.89 -11.61 | 22.52 1.44 -5.95 | 26.03 1.95 -3.73 | 22.83 1.88 -0.01 | 21.86 1.71 0.00 | 21.56 1.61 -0.38 |
| WARRENSBURG____ 23737 | 23.82 1.19 0.00 | 20.00 0.95 0.00 | 18.18 0.82 0.00 | 18.89 0.77 0.00 | 21.07 0.90 0.00 | 24.11 1.30 0.00 | 27.81 1.59 -0.01 | 29.87 1.67 -2.55 | 29.99 1.02 -13.42 | 35.81 1.03 -20.01 | 22.17 1.37 -0.49 | 22.07 1.38 0.00 | 21.80 1.30 0.00 | 20.29 1.08 -1.47 | 20.38 0.98 -3.22 | 22.72 1.03 -5.27 | 23.33 0.83 -9.11 | 20.60 1.05 -4.10 | 24.75 0.72 -14.32 | 23.39 1.08 -7.18 | 26.43 1.48 -4.60 | 22.39 1.43 -0.01 | 21.47 1.31 0.00 | 21.31 1.26 -0.48 |
| WATERSIDE____6 8 9 23538 | 24.51 1.78 -0.10 | 20.61 1.55 0.00 | 18.77 1.41 0.00 | 19.59 1.47 0.00 | 21.74 1.56 -0.01 | 24.64 1.82 0.00 | 28.41 2.20 -0.01 | 30.12 2.37 -2.10 | 28.09 1.50 -11.05 | 32.77 1.45 -16.57 | 23.00 2.09 -0.61 | 22.80 2.09 -0.02 | 22.65 2.13 -0.02 | 21.34 1.92 -1.67 | 20.72 1.72 -2.82 | 22.70 1.71 -4.57 | 22.31 1.32 -7.60 | 20.35 1.51 -3.39 | 22.52 0.96 -11.86 | 22.74 1.51 -6.10 | 26.43 2.06 -4.02 | 22.99 1.96 -0.09 | 21.98 1.82 -0.01 | 21.71 1.75 -0.38 |
| WATKINRD_115KV_LN8_ILLION 55919 | 23.11 0.05 -0.42 | 19.06 0.00 0.00 | 17.32 -0.05 -0.02 | 18.06 -0.07 -0.01 | 20.10 -0.11 -0.04 | 22.76 -0.05 0.00 | 26.25 0.04 0.00 | 25.81 0.11 -0.04 | 15.83 0.09 -0.20 | 15.34 0.15 -0.43 | 20.69 0.22 -0.18 | 21.00 0.17 -0.14 | 20.72 0.08 -0.14 | 18.01 0.14 -0.14 | 16.31 0.07 -0.05 | 16.59 0.07 -0.10 | 13.62 0.08 -0.15 | 15.58 0.06 -0.06 | 9.98 0.05 -0.23 | 15.43 0.19 -0.12 | 20.72 0.26 -0.10 | 21.20 0.24 -0.01 | 20.30 0.14 0.00 | 19.67 0.08 -0.01 |
| WATSON____69_KV_BK 1 55734 | 25.05 2.32 -0.10 | 21.05 1.99 0.00 | 19.18 1.82 0.00 | 19.98 1.86 0.00 | 22.14 1.96 -0.01 | 25.27 2.46 0.00 | 28.96 2.74 -0.01 | 30.50 2.75 -2.10 | 28.19 1.60 -11.05 | 32.70 1.37 -16.57 | 23.16 2.25 -0.61 | 22.99 2.28 -0.02 | 22.71 2.19 -0.02 | 21.26 1.85 -1.67 | 20.76 1.75 -2.83 | 62.58 2.13 -44.03 | 22.51 1.51 -7.60 | 20.37 1.52 -3.39 | 22.68 1.11 -11.86 | 23.05 1.82 -6.10 | 26.87 2.49 -4.02 | 23.39 2.36 -0.09 | 22.39 2.22 -0.01 | 22.14 2.18 -0.38 |
| WDELAWARE__HYD 323627 | 24.49 1.85 0.00 | 20.68 1.63 0.00 | 18.81 1.46 0.00 | 19.67 1.55 0.00 | 21.82 1.65 0.00 | 24.63 1.82 0.00 | 28.43 2.21 -0.01 | 30.04 2.40 -1.98 | 27.41 1.44 -10.43 | 31.63 1.32 -15.55 | 22.61 1.92 -0.38 | 22.62 1.93 0.00 | 22.47 1.97 0.00 | 21.10 1.88 -1.48 | 20.41 1.59 -2.64 | 22.21 1.63 -4.16 | 21.70 1.24 -7.07 | 20.17 1.52 -3.20 | 21.83 0.99 -11.13 | 22.44 1.62 -5.69 | 26.14 2.22 -3.57 | 23.02 2.07 -0.01 | 22.03 1.88 0.00 | 21.71 1.77 -0.37 |
| WEST BABYLON__IC 23714 | 24.98 2.25 -0.10 | 20.99 1.93 0.00 | 19.12 1.77 0.00 | 19.92 1.80 0.00 | 22.08 1.90 -0.01 | 25.19 2.37 0.00 | 28.91 2.69 -0.01 | 30.46 2.70 -2.10 | 28.18 1.58 -11.05 | 32.70 1.37 -16.57 | 23.15 2.24 -0.61 | 22.98 2.27 -0.02 | 22.71 2.19 -0.02 | 21.28 1.86 -1.67 | 20.78 1.77 -2.83 | 62.56 2.11 -44.03 | 22.47 1.47 -7.60 | 20.33 1.49 -3.39 | 22.65 1.08 -11.86 | 22.98 1.75 -6.10 | 26.77 2.39 -4.02 | 23.31 2.29 -0.09 | 22.34 2.17 -0.01 | 22.10 2.14 -0.38 |
| WEST CANADA__HYD 24049 | 22.70 0.07 0.00 | 19.11 0.05 0.00 | 17.39 0.03 0.00 | 18.15 0.03 0.00 | 20.20 0.02 0.00 | 22.85 0.05 0.00 | 26.26 0.06 0.00 | 25.75 0.05 -0.04 | 15.80 0.06 -0.20 | 15.13 0.07 -0.30 | 20.41 0.10 -0.01 | 20.78 0.09 0.00 | 20.57 0.08 0.00 | 17.84 0.08 -0.02 | 16.29 0.06 -0.05 | 16.56 0.07 -0.08 | 13.59 0.06 -0.14 | 15.58 0.06 -0.06 | 9.97 0.04 -0.21 | 15.33 0.09 -0.11 | 20.54 0.12 -0.07 | 21.04 0.10 0.00 | 20.24 0.08 0.00 | 19.66 0.07 -0.01 |
| WESTERN_NY_WIND 24143 | 23.23 0.59 0.00 | 19.61 0.55 0.00 | 17.88 0.53 0.00 | 18.75 0.63 0.00 | 20.96 0.78 0.00 | 23.71 0.90 0.00 | 26.93 0.76 0.04 | 26.82 0.93 -0.24 | 18.01 0.71 -1.75 | 15.92 0.49 -0.67 | 16.64 0.61 4.27 | 20.97 0.28 0.00 | 20.54 0.04 0.00 | 17.30 -0.08 0.36 | 16.26 -0.27 -0.36 | 13.41 0.06 3.06 | 11.84 -0.06 1.50 | 15.74 -0.19 -0.48 | 9.71 -0.03 -0.04 | 14.45 0.11 0.79 | 15.46 0.23 5.12 | 19.02 0.01 1.92 | 19.91 0.01 0.26 | 19.94 0.40 0.04 |

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| WESTOVER___LESR 323668 | 23.56 0.63 -0.30 | 19.59 0.53 0.00 | 17.87 0.50 -0.01 | 18.73 0.61 0.00 | 20.85 0.66 -0.02 | 23.57 0.76 0.00 | 27.06 0.85 -0.01 | 27.29 0.95 -0.69 | 19.67 0.59 -3.53 | 20.92 0.51 -5.66 | 21.98 0.71 -0.97 | 21.46 0.71 -0.06 | 21.18 0.63 -0.06 | 18.87 0.55 -0.58 | 17.46 0.41 -0.87 | 18.88 0.41 -2.05 | 16.61 0.36 -2.86 | 16.93 0.40 -1.08 | 14.06 0.28 -4.08 | 17.80 0.54 -2.14 | 23.26 0.69 -2.22 | 21.89 0.63 -0.31 | 20.78 0.60 -0.02 | 20.36 0.66 -0.13 |
| WETHRSFD_WT_PWR 323626 | 22.52 -0.12 0.00 | 19.00 -0.06 0.00 | 17.43 0.08 0.00 | 18.36 0.24 0.00 | 20.39 0.21 0.00 | 22.87 0.06 0.00 | 25.71 -0.27 0.23 | 25.44 -0.04 0.18 | 17.84 0.08 -2.21 | 6.03 -0.18 8.56 | -6.39 -0.28 26.40 | 20.40 -0.28 0.00 | 20.15 -0.34 0.00 | 14.42 -0.35 2.97 | 16.13 -0.55 -0.49 | -5.64 -0.45 21.60 | -1.29 -0.33 14.35 | 15.81 -0.32 -0.68 | 1.18 -0.16 8.37 | 6.75 -0.12 8.26 | -13.00 -0.19 33.16 | 10.07 -0.33 10.54 | 19.05 -0.33 0.78 | 19.73 0.07 -0.08 |
| WHAVSTOR_138KV_BK127 55557 | 24.28 1.54 -0.10 | 20.40 1.34 0.00 | 18.55 1.20 0.00 | 19.38 1.26 0.00 | 21.51 1.33 -0.01 | 24.39 1.58 0.00 | 28.13 1.91 -0.01 | 29.77 2.06 -2.06 | 27.64 1.27 -10.82 | 32.24 1.24 -16.24 | 22.73 1.82 -0.60 | 22.51 1.80 -0.02 | 22.35 1.83 -0.02 | 21.04 1.67 -1.63 | 20.43 1.49 -2.77 | 22.40 1.50 -4.49 | 22.00 1.15 -7.45 | 20.08 1.31 -3.32 | 22.18 0.85 -11.63 | 22.45 1.35 -5.98 | 26.11 1.81 -3.95 | 22.76 1.74 -0.09 | 21.75 1.59 -0.01 | 21.48 1.52 -0.38 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 24.28 1.54 -0.10 | 20.40 1.34 0.00 | 18.55 1.20 0.00 | 19.38 1.26 0.00 | 21.51 1.33 -0.01 | 24.39 1.58 0.00 | 28.13 1.91 -0.01 | 29.77 2.06 -2.06 | 27.64 1.27 -10.82 | 32.24 1.24 -16.24 | 22.73 1.82 -0.60 | 22.51 1.80 -0.02 | 22.35 1.83 -0.02 | 21.04 1.67 -1.63 | 20.43 1.49 -2.77 | 22.40 1.50 -4.49 | 22.00 1.15 -7.45 | 20.08 1.31 -3.32 | 22.18 0.85 -11.63 | 22.45 1.35 -5.98 | 26.11 1.81 -3.95 | 22.76 1.74 -0.09 | 21.75 1.59 -0.01 | 21.48 1.52 -0.38 |
| WHITEHAL_115KV_TB1 80871 | 24.39 1.67 -0.08 | 20.35 1.29 0.00 | 18.42 1.07 0.00 | 19.16 1.04 0.00 | 21.49 1.31 -0.01 | 24.81 2.00 0.00 | 28.51 2.29 -0.01 | 30.55 2.35 -2.54 | 30.35 1.40 -13.40 | 36.26 1.44 -20.06 | 22.91 1.95 -0.65 | 22.81 2.11 -0.02 | 22.40 1.89 -0.02 | 20.75 1.51 -1.50 | 20.71 1.32 -3.22 | 23.24 1.43 -5.39 | 23.69 1.12 -9.18 | 21.06 1.51 -4.09 | 25.14 1.08 -14.36 | 23.93 1.58 -7.23 | 27.27 2.14 -4.78 | 23.01 2.00 -0.07 | 22.09 1.93 0.00 | 22.11 2.05 -0.48 |
| WHITEPLN_13_KV_LOAD 356215 | 24.52 1.79 -0.10 | 20.64 1.58 0.00 | 18.75 1.40 0.00 | 19.59 1.47 0.00 | 21.74 1.56 -0.01 | 24.60 1.79 0.00 | 28.38 2.16 -0.01 | 30.09 2.34 -2.09 | 28.01 1.44 -11.03 | 32.70 1.40 -16.54 | 22.94 2.03 -0.61 | 22.74 2.03 -0.02 | 22.57 2.05 -0.02 | 21.27 1.86 -1.67 | 20.66 1.66 -2.82 | 22.66 1.68 -4.56 | 22.28 1.30 -7.59 | 20.32 1.48 -3.38 | 22.50 0.95 -11.84 | 22.72 1.51 -6.09 | 26.40 2.03 -4.02 | 22.97 1.95 -0.09 | 21.96 1.79 -0.01 | 21.66 1.70 -0.38 |
| WM_FLOYD_69_KV_BK2 356380 | 24.81 2.08 -0.10 | 20.89 1.83 0.00 | 19.01 1.66 0.00 | 19.82 1.70 0.00 | 21.96 1.78 -0.01 | 24.99 2.18 0.00 | 28.52 2.30 -0.01 | 30.09 2.34 -2.10 | 27.92 1.33 -11.05 | 32.41 1.08 -16.57 | 22.75 1.84 -0.61 | 22.55 1.85 -0.02 | 22.26 1.75 -0.02 | 20.87 1.46 -1.67 | 20.41 1.40 -2.83 | 62.21 1.77 -44.03 | 22.27 1.27 -7.60 | 20.08 1.24 -3.39 | 22.50 0.93 -11.86 | 22.79 1.56 -6.10 | 26.48 2.11 -4.02 | 22.99 1.97 -0.09 | 22.04 1.88 -0.01 | 21.80 1.84 -0.38 |
| WOODARD__115KV_TB2 355635 | 23.32 -0.01 -0.70 | 19.05 -0.01 0.00 | 17.35 -0.02 -0.02 | 18.14 0.01 -0.01 | 20.24 0.02 -0.05 | 22.83 0.02 0.00 | 26.20 -0.02 0.00 | 25.86 0.00 -0.20 | 16.60 0.01 -1.05 | 16.45 -0.02 -1.72 | 20.52 -0.04 -0.26 | 20.75 -0.07 -0.13 | 20.54 -0.09 -0.13 | 17.91 -0.07 -0.24 | 16.33 -0.11 -0.26 | 16.81 -0.10 -0.49 | 14.09 -0.08 -0.77 | 15.71 -0.07 -0.32 | 10.84 -0.03 -1.16 | 15.71 -0.01 -0.60 | 20.81 -0.02 -0.48 | 20.90 -0.07 -0.04 | 20.05 -0.11 0.00 | 19.57 -0.04 -0.04 |
| YORK___WARBASSE 23770 | 24.55 1.82 -0.10 | 20.63 1.58 0.00 | 18.79 1.43 0.00 | 19.61 1.49 0.00 | 21.76 1.58 -0.01 | 24.67 1.86 0.00 | 28.47 2.25 -0.01 | 30.17 2.41 -2.10 | 28.11 1.52 -11.05 | 32.80 1.47 -16.57 | 23.03 2.13 -0.61 | 22.83 2.12 -0.02 | 22.68 2.16 -0.02 | 21.37 1.96 -1.67 | 20.75 1.74 -2.82 | 22.74 1.75 -4.57 | 22.35 1.36 -7.60 | 20.38 1.54 -3.39 | 22.55 0.98 -11.86 | 22.79 1.56 -6.10 | 26.49 2.12 -4.02 | 23.05 2.03 -0.09 | 22.05 1.89 -0.01 | 21.77 1.81 -0.38 |