

Time Weighted/Integrated Real Time LBMP- Generator

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 06/12/2024 | | | |
|----------------------|--------|-----------------------------|--------|-------|-------|-------|-------|--------|-------|-------|-------|---------------------------------|-------|-------|-------|--------|-------|-------|-------|-------|-------|------------|-------|-------|-------|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 24138 | 20.41 | 18.56 | 17.05 | 16.91 | 16.94 | 17.48 | 20.99 | 21.79 | 20.76 | 21.34 | 23.92 | 23.32 | 20.38 | 19.27 | 19.28 | 19.28 | 19.01 | 18.17 | 19.99 | 20.97 | 21.45 | 24.54 | 22.52 | 20.23 |
| | | 1.14 | 0.94 | 0.87 | 0.82 | 0.83 | 0.85 | 0.94 | 1.15 | 1.19 | 1.33 | 1.61 | 1.55 | 1.36 | 1.34 | 1.40 | 1.50 | 1.55 | 1.56 | 1.60 | 1.61 | 1.66 | 1.72 | 1.51 | 1.18 |
| | | -0.14 | -1.02 | -0.44 | -0.76 | -0.33 | -0.24 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 24260 | 20.42 | 18.58 | 17.06 | 16.92 | 16.94 | 17.46 | 20.97 | 21.77 | 20.73 | 21.29 | 23.86 | 23.28 | 20.32 | 19.19 | 19.21 | 19.23 | 18.95 | 18.12 | 19.93 | 20.92 | 21.50 | 24.52 | 22.52 | 20.25 |
| | | 1.16 | 0.96 | 0.88 | 0.82 | 0.84 | 0.84 | 0.93 | 1.12 | 1.15 | 1.29 | 1.55 | 1.51 | 1.31 | 1.25 | 1.33 | 1.44 | 1.49 | 1.51 | 1.54 | 1.56 | 1.70 | 1.70 | 1.52 | 1.20 |
| | | -0.14 | -1.02 | -0.44 | -0.76 | -0.33 | -0.24 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 24261 | 20.42 | 18.58 | 17.06 | 16.92 | 16.94 | 17.46 | 20.97 | 21.77 | 20.73 | 21.29 | 23.86 | 23.28 | 20.32 | 19.19 | 19.21 | 19.23 | 18.95 | 18.12 | 19.93 | 20.92 | 21.50 | 24.52 | 22.52 | 20.25 |
| | | 1.16 | 0.96 | 0.88 | 0.82 | 0.84 | 0.84 | 0.93 | 1.12 | 1.15 | 1.29 | 1.55 | 1.51 | 1.31 | 1.25 | 1.33 | 1.44 | 1.49 | 1.51 | 1.54 | 1.56 | 1.70 | 1.70 | 1.52 | 1.20 |
| | | -0.14 | -1.02 | -0.44 | -0.76 | -0.33 | -0.24 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 24011 | 21.97 | 28.85 | 21.60 | 24.65 | 20.48 | 20.19 | 36.90 | 22.11 | 20.91 | 21.31 | 23.65 | 23.15 | 19.99 | 18.77 | 18.59 | 18.44 | 18.24 | 17.48 | 19.56 | 21.15 | 21.18 | 24.26 | 22.19 | 20.02 |
| | | 1.32 | 1.16 | 1.10 | 1.10 | 1.16 | 1.21 | 1.38 | 1.47 | 1.33 | 1.30 | 1.34 | 1.37 | 0.97 | 0.84 | 0.71 | 0.66 | 0.78 | 0.87 | 1.17 | 1.34 | 1.38 | 1.44 | 1.19 | 0.97 |
| | | -1.53 | -11.09 | -4.76 | -8.21 | -3.54 | -2.59 | -17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 23798 | 22.08 | 28.97 | 21.70 | 24.76 | 20.58 | 20.30 | 37.09 | 22.25 | 21.03 | 21.43 | 23.77 | 23.27 | 20.08 | 18.85 | 18.66 | 18.50 | 18.30 | 17.56 | 19.67 | 21.26 | 21.31 | 24.42 | 22.32 | 20.12 |
| | | 1.42 | 1.24 | 1.19 | 1.18 | 1.24 | 1.31 | 1.51 | 1.61 | 1.46 | 1.42 | 1.46 | 1.50 | 1.07 | 0.91 | 0.78 | 0.72 | 0.85 | 0.95 | 1.28 | 1.46 | 1.52 | 1.59 | 1.31 | 1.07 |
| | | -1.54 | -11.13 | -4.78 | -8.24 | -3.55 | -2.60 | -17.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 24028 | 21.97 | 28.85 | 21.60 | 24.65 | 20.48 | 20.19 | 36.90 | 22.11 | 20.91 | 21.31 | 23.65 | 23.15 | 19.99 | 18.77 | 18.59 | 18.44 | 18.24 | 17.48 | 19.56 | 21.15 | 21.18 | 24.26 | 22.19 | 20.02 |
| | | 1.32 | 1.16 | 1.10 | 1.10 | 1.16 | 1.21 | 1.38 | 1.47 | 1.33 | 1.30 | 1.34 | 1.37 | 0.97 | 0.84 | 0.71 | 0.66 | 0.78 | 0.87 | 1.17 | 1.34 | 1.38 | 1.44 | 1.19 | 0.97 |
| | | -1.53 | -11.09 | -4.76 | -8.21 | -3.54 | -2.59 | -17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 23527 | 21.50 | 26.51 | 20.57 | 22.91 | 19.66 | 19.47 | 33.09 | 21.74 | 20.51 | 20.89 | 23.37 | 22.83 | 19.94 | 18.87 | 18.79 | 18.48 | 18.26 | 17.49 | 19.40 | 21.29 | 20.95 | 23.95 | 21.92 | 19.90 |
| | | 1.16 | 1.09 | 1.05 | 1.04 | 1.07 | 1.02 | 1.05 | 1.10 | 0.93 | 0.88 | 1.05 | 1.06 | 0.92 | 0.94 | 0.91 | 0.69 | 0.80 | 0.89 | 1.01 | 1.23 | 1.15 | 1.13 | 0.91 | 0.85 |
| | | -1.22 | -8.82 | -3.79 | -6.54 | -2.82 | -2.06 | -13.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 24190 | 20.57 | 23.54 | 19.01 | 20.58 | 18.34 | 18.40 | 28.78 | 20.84 | 19.74 | 20.19 | 22.51 | 22.05 | 19.28 | 18.22 | 18.20 | 18.07 | 17.81 | 17.00 | 18.81 | 19.01 | 20.20 | 23.12 | 21.20 | 19.24 |
| | | 0.56 | 0.54 | 0.53 | 0.50 | 0.52 | 0.52 | 0.46 | 0.20 | 0.16 | 0.19 | 0.20 | 0.28 | 0.27 | 0.29 | 0.32 | 0.29 | 0.36 | 0.39 | 0.42 | 0.46 | 0.40 | 0.29 | 0.19 | 0.19 |
| | | -0.88 | -6.41 | -2.75 | -4.74 | -2.04 | -1.50 | -9.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 355683 | 18.95 | 16.49 | 15.67 | 15.28 | 15.72 | 16.30 | 18.40 | 20.59 | 19.51 | 19.81 | 22.05 | 21.55 | 18.82 | 17.70 | 27.72 | 17.45 | 17.04 | 16.22 | 17.93 | 18.79 | 19.24 | 22.42 | 20.68 | 18.77 |
| | | -0.17 | -0.10 | -0.06 | -0.05 | -0.06 | -0.09 | -0.07 | -0.05 | -0.07 | -0.20 | -0.26 | -0.22 | -0.19 | -0.24 | -0.30 | -0.34 | -0.41 | -0.39 | -0.46 | -0.57 | -0.55 | -0.40 | -0.33 | -0.29 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -10.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 323833 | 20.56 | 22.04 | 18.47 | 19.53 | 18.00 | 18.22 | 26.49 | 21.24 | 19.98 | 20.35 | 22.56 | 22.30 | 19.47 | 18.28 | 18.29 | 18.22 | 17.91 | 17.20 | 19.07 | 19.42 | 20.63 | 23.62 | 21.66 | 19.64 |
| | | 0.78 | 0.70 | 0.69 | 0.68 | 0.71 | 0.72 | 0.72 | 0.59 | 0.40 | 0.34 | 0.25 | 0.53 | 0.46 | 0.34 | 0.41 | 0.43 | 0.45 | 0.59 | 0.68 | 0.80 | 0.83 | 0.80 | 0.65 | 0.59 |
| | | -0.66 | -4.75 | -2.04 | -3.52 | -1.52 | -1.11 | -7.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 323834 | 20.55 | 22.03 | 18.46 | 19.52 | 18.00 | 18.21 | 26.48 | 21.23 | 19.97 | 20.34 | 22.56 | 22.29 | 19.47 | 18.28 | 18.28 | 18.22 | 17.90 | 17.20 | 19.06 | 19.41 | 20.62 | 23.62 | 21.66 | 19.63 |
| | | 0.77 | 0.69 | 0.68 | 0.67 | 0.70 | 0.71 | 0.72 | 0.59 | 0.40 | 0.33 | 0.25 | 0.52 | 0.45 | 0.34 | 0.40 | 0.43 | 0.45 | 0.59 | 0.67 | 0.79 | 0.83 | 0.79 | 0.65 | 0.57 |
| | | -0.66 | -4.74 | -2.04 | -3.51 | -1.51 | -1.11 | -7.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 23571 | 20.57 | 23.54 | 19.01 | 20.58 | 18.34 | 18.40 | 28.78 | 20.84 | 19.74 | 20.19 | 22.51 | 22.05 | 19.28 | 18.22 | 18.20 | 18.07 | 17.81 | 17.00 | 18.81 | 19.01 | 20.20 | 23.12 | 21.20 | 19.24 |
| | | 0.56 | 0.54 | 0.53 | 0.50 | 0.52 | 0.52 | 0.46 | 0.20 | 0.16 | 0.19 | 0.20 | 0.28 | 0.27 | 0.29 | 0.32 | 0.29 | 0.36 | 0.39 | 0.42 | 0.46 | 0.40 | 0.29 | 0.19 | 0.19 |
| | | -0.88 | -6.41 | -2.75 | -4.74 | -2.04 | -1.50 | -9.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 20.57 0.56 -0.88 | 23.54 0.54 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.52 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.19 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.28 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.81 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| ALBANY___3 23573 | 20.57 0.56 -0.88 | 23.54 0.54 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.52 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.19 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.28 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.81 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| ALBANY___4 23574 | 20.57 0.56 -0.88 | 23.54 0.54 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.52 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.19 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.28 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.81 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| ALBANY___LFGE 323615 | 20.92 0.71 -1.09 | 25.15 0.64 -7.90 | 19.76 0.63 -3.40 | 21.80 0.61 -5.85 | 18.93 0.63 -2.52 | 18.87 0.63 -1.85 | 31.23 0.61 -12.15 | 21.07 0.43 0.00 | 19.95 0.38 0.00 | 20.42 0.41 0.00 | 22.78 0.47 0.00 | 22.31 0.54 0.00 | 19.51 0.50 0.00 | 18.42 0.49 0.00 | 18.40 0.52 0.00 | 18.27 0.49 0.00 | 18.01 0.55 0.00 | 17.20 0.59 0.00 | 19.04 0.65 0.00 | 20.14 0.69 -0.09 | 20.44 0.64 0.00 | 23.38 0.56 0.00 | 21.43 0.42 0.00 | 19.44 0.38 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 18.93 -0.19 0.00 | 16.56 -0.04 0.00 | 15.79 0.05 0.00 | 15.39 0.06 0.00 | 15.83 0.05 0.00 | 16.28 -0.11 0.00 | 18.39 -0.08 0.00 | 20.58 -0.07 0.00 | 19.49 -0.09 0.00 | 19.77 -0.23 0.00 | 22.01 -0.30 0.00 | 21.49 -0.28 0.00 | 18.77 -0.25 0.00 | 17.62 -0.31 0.00 | 33.82 -0.40 -16.33 | 17.36 -0.42 0.00 | 16.96 -0.50 0.00 | 16.13 -0.48 0.00 | 17.84 -0.55 0.00 | 18.69 -0.67 0.00 | 19.18 -0.62 0.00 | 22.36 -0.46 0.00 | 20.65 -0.36 0.00 | 18.74 -0.32 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 18.93 -0.19 0.00 | 16.56 -0.04 0.00 | 15.79 0.05 0.00 | 15.39 0.06 0.00 | 15.83 0.05 0.00 | 16.28 -0.11 0.00 | 18.39 -0.08 0.00 | 20.58 -0.07 0.00 | 19.49 -0.09 0.00 | 19.77 -0.23 0.00 | 22.01 -0.30 0.00 | 21.49 -0.28 0.00 | 18.77 -0.25 0.00 | 17.62 -0.31 0.00 | 33.82 -0.40 -16.33 | 17.36 -0.42 0.00 | 16.96 -0.50 0.00 | 16.13 -0.48 0.00 | 17.84 -0.55 0.00 | 18.69 -0.67 0.00 | 19.18 -0.62 0.00 | 22.36 -0.46 0.00 | 20.65 -0.36 0.00 | 18.74 -0.32 0.00 |
| ALCOA___DSASP 323711 | 18.93 -0.19 0.00 | 16.56 -0.04 0.00 | 15.79 0.05 0.00 | 15.39 0.06 0.00 | 15.83 0.05 0.00 | 16.28 -0.11 0.00 | 18.39 -0.08 0.00 | 20.58 -0.07 0.00 | 19.49 -0.09 0.00 | 19.78 -0.23 0.00 | 22.01 -0.30 0.00 | 21.49 -0.28 0.00 | 18.77 -0.25 0.00 | 17.62 -0.31 0.00 | 33.82 -0.40 -16.33 | 17.36 -0.42 0.00 | 16.96 -0.50 0.00 | 16.13 -0.48 0.00 | 17.84 -0.55 0.00 | 18.69 -0.67 0.00 | 19.18 -0.62 0.00 | 22.36 -0.46 0.00 | 20.65 -0.36 0.00 | 18.74 -0.32 0.00 |
| ALLEGHENY___COGEN 23514 | 19.47 0.35 0.00 | 16.91 0.31 0.00 | 15.99 0.25 0.00 | 15.61 0.28 0.00 | 16.09 0.31 0.00 | 16.78 0.39 0.00 | 18.99 0.52 0.00 | 21.23 0.58 0.00 | 19.96 0.38 0.00 | 20.40 0.39 0.00 | 22.81 0.50 0.00 | 22.24 0.47 0.00 | 19.52 0.51 0.00 | 18.35 0.41 0.00 | 18.24 0.36 0.00 | 18.10 0.32 0.00 | 17.76 0.30 0.00 | 16.84 0.23 0.00 | 18.84 0.45 0.00 | 20.19 0.83 0.00 | 20.91 1.11 0.00 | 24.11 1.29 0.00 | 22.32 1.32 0.00 | 20.00 0.95 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 20.29 0.49 -0.67 | 21.91 0.43 -4.88 | 18.23 0.40 -2.10 | 19.33 0.38 -3.62 | 17.73 0.40 -1.56 | 17.93 0.40 -1.14 | 26.41 0.43 -7.51 | 21.03 0.39 0.00 | 19.93 0.36 0.00 | 20.39 0.38 0.00 | 22.73 0.42 0.00 | 22.24 0.47 0.00 | 19.43 0.42 0.00 | 18.34 0.40 0.00 | 18.30 0.42 0.00 | 18.24 0.46 0.00 | 17.96 0.50 0.00 | 17.15 0.54 0.00 | 18.97 0.58 0.00 | 19.57 0.63 0.42 | 20.43 0.63 0.00 | 23.41 0.58 0.00 | 21.48 0.47 0.00 | 19.45 0.40 0.00 |
| ALTONA_WT_PWR 323606 | 19.75 0.63 0.00 | 17.08 0.48 0.00 | 16.18 0.45 0.00 | 15.80 0.46 0.00 | 16.28 0.50 0.00 | 16.90 0.52 0.00 | 19.14 0.66 0.00 | 21.43 0.78 0.00 | 20.18 0.61 0.00 | 20.28 0.27 0.00 | 22.62 0.32 0.00 | 22.09 0.32 0.00 | 19.24 0.22 0.00 | 18.06 0.13 0.00 | 13.12 0.09 4.85 | 17.78 -0.01 0.00 | 17.24 -0.21 0.00 | 16.50 -0.11 0.00 | 18.21 -0.17 0.00 | 19.17 -0.19 0.00 | 19.60 -0.20 0.00 | 22.66 -0.17 0.00 | 20.86 -0.15 0.00 | 19.05 0.00 0.00 |
| AMERICAN_REF_FUEL 24010 | 18.19 -0.93 0.00 | 15.89 -0.71 0.00 | 15.03 -0.71 0.00 | 14.68 -0.65 0.00 | 15.09 -0.69 0.00 | 15.75 -0.64 0.00 | 17.76 -0.72 0.00 | 19.89 -0.75 0.00 | 18.92 -0.65 0.00 | 19.54 -0.47 0.00 | 21.93 -0.38 0.00 | 21.45 -0.32 0.00 | 18.83 -0.19 0.00 | 17.62 -0.31 0.00 | 17.52 -0.36 0.00 | 17.30 -0.49 0.00 | 16.96 -0.50 0.00 | 15.95 -0.66 0.00 | 17.91 -0.48 0.00 | 19.11 -0.26 0.00 | 19.40 -0.39 0.00 | 22.32 -0.51 0.00 | 20.92 -0.09 0.00 | 18.84 -0.21 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 19.00 -0.12 0.00 | 16.45 -0.15 0.00 | 15.59 -0.15 0.00 | 15.26 -0.07 0.00 | 15.71 -0.08 0.00 | 16.41 0.03 0.00 | 18.61 0.14 0.00 | 20.96 0.32 0.00 | 19.87 0.30 0.00 | 20.58 0.57 0.00 | 23.13 0.82 0.00 | 22.55 0.78 0.00 | 19.79 0.78 0.00 | 18.60 0.66 0.00 | 18.50 0.63 0.00 | 18.30 0.52 0.00 | 17.91 0.45 0.00 | 16.98 0.37 0.00 | 18.99 0.60 0.00 | 20.23 0.87 0.00 | 20.56 0.77 0.00 | 23.53 0.71 0.00 | 21.89 0.89 0.00 | 19.40 0.35 0.00 |
| ARTHUR KILL_GT_1 23520 | 20.30 1.04 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.80 0.71 -0.76 | 16.82 0.71 -0.33 | 17.34 0.71 -0.24 | 20.84 0.80 -1.57 | 21.59 0.94 0.00 | 20.54 0.96 0.00 | 21.06 1.05 0.00 | 23.62 1.32 0.00 | 23.05 1.28 0.00 | 20.13 1.11 0.00 | 19.04 1.10 0.00 | 19.05 1.18 0.00 | 19.09 1.30 0.00 | 18.83 1.37 0.00 | 17.99 1.38 0.00 | 19.82 1.43 0.00 | 20.83 1.47 0.00 | 21.33 1.54 0.00 | 24.44 1.62 0.00 | 22.45 1.44 0.00 | 20.17 1.12 0.00 |
| ARTHUR_KILL_2 23512 | 20.24 0.98 -0.14 | 18.42 0.80 -1.02 | 16.90 0.73 -0.44 | 16.76 0.66 -0.76 | 16.77 0.66 -0.33 | 17.29 0.66 -0.24 | 20.78 0.74 -1.57 | 21.52 0.88 0.00 | 20.48 0.90 0.00 | 21.00 0.99 0.00 | 23.54 1.24 0.00 | 22.98 1.21 0.00 | 20.06 1.05 0.00 | 18.98 1.04 0.00 | 19.00 1.12 0.00 | 19.02 1.24 0.00 | 18.76 1.30 0.00 | 17.94 1.32 0.00 | 19.75 1.36 0.00 | 20.75 1.39 0.00 | 21.25 1.46 0.00 | 24.35 1.53 0.00 | 22.36 1.36 0.00 | 20.11 1.05 0.00 |
| ARTHUR_KILL_3 23513 | 20.27 1.01 -0.14 | 18.45 0.83 -1.02 | 16.93 0.75 -0.44 | 16.79 0.70 -0.76 | 16.82 0.71 -0.33 | 17.33 0.71 -0.24 | 20.80 0.75 -1.57 | 21.54 0.90 0.00 | 20.51 0.93 0.00 | 21.06 1.05 0.00 | 23.59 1.28 0.00 | 23.02 1.25 0.00 | 20.12 1.10 0.00 | 19.03 1.09 0.00 | 19.04 1.16 0.00 | 19.05 1.26 0.00 | 18.78 1.32 0.00 | 17.93 1.32 0.00 | 19.75 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.28 1.46 0.00 | 22.31 1.30 0.00 | 20.05 1.00 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ARTHUR_KILL_COGEN 323718 | 20.30 1.04 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.80 0.71 -0.76 | 16.82 0.71 -0.33 | 17.34 0.71 -0.24 | 20.84 0.80 -1.57 | 21.59 0.94 0.00 | 20.54 0.96 0.00 | 21.06 1.05 0.00 | 23.62 1.32 0.00 | 23.05 1.28 0.00 | 20.13 1.11 0.00 | 19.04 1.10 0.00 | 19.05 1.18 0.00 | 19.09 1.30 0.00 | 18.83 1.37 0.00 | 17.99 1.38 0.00 | 19.82 1.43 0.00 | 20.83 1.47 0.00 | 21.33 1.54 0.00 | 24.44 1.62 0.00 | 22.45 1.44 0.00 | 20.17 1.12 0.00 |
| ASHOKAN____ 23654 | 20.55 0.97 -0.46 | 20.69 0.75 -3.34 | 17.96 0.79 -1.43 | 18.50 0.69 -2.47 | 17.61 0.76 -1.07 | 17.99 0.83 -0.78 | 24.46 0.85 -5.13 | 21.53 0.88 0.00 | 20.27 0.69 0.00 | 20.56 0.55 0.00 | 22.78 0.46 0.00 | 22.74 0.97 0.00 | 19.87 0.86 0.00 | 18.65 0.71 0.00 | 18.69 0.81 0.00 | 18.58 0.80 0.00 | 18.25 0.79 0.00 | 17.60 0.99 0.00 | 19.53 1.14 0.00 | 20.22 1.37 0.51 | 21.14 1.34 0.00 | 24.16 1.34 0.00 | 22.07 1.06 0.00 | 19.91 0.85 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 20.33 1.07 -0.14 | 18.50 0.88 -1.02 | 16.96 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.73 -0.24 | 20.84 0.79 -1.57 | 21.62 0.97 0.00 | 21.02 1.01 -0.43 | 21.13 1.12 0.00 | 23.65 1.35 0.00 | 23.11 1.34 0.00 | 20.21 1.20 0.00 | 19.09 1.16 0.00 | 19.11 1.23 0.00 | 19.17 1.38 0.00 | 18.90 1.45 0.00 | 18.01 1.40 0.00 | 19.78 1.38 0.00 | 20.75 1.40 0.00 | 21.26 1.47 0.00 | 24.36 1.54 0.00 | 22.38 1.37 0.00 | 20.11 1.06 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 20.33 1.07 -0.14 | 18.50 0.88 -1.02 | 16.96 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.35 0.73 -0.24 | 20.84 0.79 -1.57 | 21.62 0.97 0.00 | 21.02 1.01 -0.43 | 21.13 1.12 0.00 | 23.65 1.35 0.00 | 23.11 1.34 0.00 | 20.21 1.20 0.00 | 19.09 1.15 0.00 | 19.11 1.23 0.00 | 19.17 1.38 0.00 | 18.90 1.44 0.00 | 18.01 1.40 0.00 | 19.78 1.38 0.00 | 20.75 1.40 0.00 | 21.26 1.47 0.00 | 24.36 1.54 0.00 | 22.38 1.37 0.00 | 20.11 1.06 0.00 |
| ASTORIA_GT2_1 24094 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT2_2 24095 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT2_3 24096 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT2_4 24097 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT3_1 24098 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT3_2 24099 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT3_3 24100 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT3_4 24101 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT4_1 24102 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT4_2 24103 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT4_3 24104 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT4_4 24105 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.74 -0.24 | 20.85 0.81 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.12 1.35 0.00 | 20.22 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA_GT_1 23523 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 16.99 0.82 -0.44 | 16.85 0.75 -0.76 | 16.87 0.76 -0.33 | 17.39 0.76 -0.24 | 20.88 0.83 -1.57 | 21.66 1.02 0.00 | 21.07 1.06 -0.43 | 21.18 1.17 0.00 | 23.72 1.41 0.00 | 23.16 1.39 0.00 | 20.26 1.24 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.22 1.43 0.00 | 18.95 1.49 0.00 | 18.06 1.45 0.00 | 19.82 1.43 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.42 1.59 0.00 | 22.44 1.43 0.00 | 20.15 1.10 0.00 |
| ASTORIA_GT_10 24110 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.87 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.02 0.00 | 21.16 1.15 0.00 | 23.70 1.39 0.00 | 23.13 1.36 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA_GT_11 24225 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.87 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.02 0.00 | 21.16 1.15 0.00 | 23.70 1.39 0.00 | 23.13 1.36 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA_GT_12 24226 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.87 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.02 0.00 | 21.16 1.15 0.00 | 23.70 1.39 0.00 | 23.13 1.36 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA_GT_13 24227 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.87 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.02 0.00 | 21.16 1.15 0.00 | 23.70 1.39 0.00 | 23.13 1.36 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA_GT_5 24106 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.77 -0.24 | 20.88 0.84 -1.57 | 21.66 1.02 0.00 | 21.07 1.06 -0.43 | 21.18 1.17 0.00 | 23.72 1.41 0.00 | 23.17 1.40 0.00 | 20.26 1.24 0.00 | 19.14 1.20 0.00 | 19.16 1.28 0.00 | 19.22 1.43 0.00 | 18.95 1.49 0.00 | 18.06 1.45 0.00 | 19.82 1.44 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.41 1.59 0.00 | 22.44 1.43 0.00 | 20.16 1.10 0.00 |
| ASTORIA_GT_7 24107 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.77 -0.24 | 20.88 0.84 -1.57 | 21.66 1.02 0.00 | 21.07 1.06 -0.43 | 21.18 1.17 0.00 | 23.72 1.41 0.00 | 23.17 1.40 0.00 | 20.26 1.24 0.00 | 19.14 1.20 0.00 | 19.16 1.28 0.00 | 19.22 1.43 0.00 | 18.95 1.49 0.00 | 18.06 1.45 0.00 | 19.82 1.44 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.41 1.59 0.00 | 22.44 1.43 0.00 | 20.16 1.10 0.00 |
| ASTORIA_GT_8 24108 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.77 -0.24 | 20.88 0.84 -1.57 | 21.66 1.02 0.00 | 21.07 1.06 -0.43 | 21.18 1.17 0.00 | 23.72 1.41 0.00 | 23.17 1.40 0.00 | 20.26 1.24 0.00 | 19.14 1.20 0.00 | 19.16 1.28 0.00 | 19.22 1.43 0.00 | 18.95 1.49 0.00 | 18.06 1.45 0.00 | 19.82 1.44 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.41 1.59 0.00 | 22.44 1.43 0.00 | 20.16 1.10 0.00 |
| ASTORIA___2 24149 | 20.34 1.07 -0.14 | 18.51 0.89 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.85 0.80 -1.57 | 21.62 0.98 0.00 | 21.03 1.02 -0.43 | 21.14 1.13 0.00 | 23.67 1.36 0.00 | 23.11 1.34 0.00 | 20.21 1.20 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.17 1.38 0.00 | 18.91 1.45 0.00 | 18.02 1.41 0.00 | 19.78 1.39 0.00 | 20.76 1.40 0.00 | 21.27 1.48 0.00 | 24.37 1.54 0.00 | 22.39 1.38 0.00 | 20.12 1.07 0.00 |
| ASTORIA___3 23516 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.39 0.76 -0.24 | 20.86 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.03 0.00 | 21.15 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA___4 23517 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.87 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.02 0.00 | 21.16 1.15 0.00 | 23.70 1.39 0.00 | 23.13 1.36 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| ASTORIA___5 23518 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.39 0.76 -0.24 | 20.86 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.03 0.00 | 21.15 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| AST_ENERGY_2_CC3 323677 | 20.28 1.02 -0.14 | 18.48 0.86 -1.02 | 16.96 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.75 -0.24 | 20.84 0.80 -1.57 | 21.60 0.96 0.00 | 20.57 1.00 0.00 | 21.13 1.12 0.00 | 23.67 1.37 0.00 | 23.09 1.32 0.00 | 20.18 1.17 0.00 | 19.08 1.14 0.00 | 19.08 1.21 0.00 | 19.10 1.31 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.79 1.40 0.00 | 20.77 1.41 0.00 | 21.27 1.48 0.00 | 24.34 1.51 0.00 | 22.35 1.34 0.00 | 20.10 1.04 0.00 |
| AST_ENERGY_2_CC4 323678 | 20.28 1.02 -0.14 | 18.48 0.86 -1.02 | 16.96 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.75 -0.24 | 20.84 0.80 -1.57 | 21.60 0.96 0.00 | 20.57 1.00 0.00 | 21.13 1.12 0.00 | 23.67 1.37 0.00 | 23.09 1.32 0.00 | 20.18 1.17 0.00 | 19.08 1.14 0.00 | 19.08 1.21 0.00 | 19.10 1.31 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.79 1.40 0.00 | 20.77 1.41 0.00 | 21.27 1.48 0.00 | 24.34 1.51 0.00 | 22.35 1.34 0.00 | 20.10 1.04 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ATHENS_STG_1 23668 | 19.74 0.52 -0.10 | 17.76 0.43 -0.73 | 16.45 0.40 -0.31 | 16.25 0.37 -0.54 | 16.40 0.38 -0.23 | 16.94 0.38 -0.17 | 20.02 0.42 -1.12 | 21.11 0.46 0.00 | 20.03 0.45 0.00 | 20.53 0.52 0.00 | 22.91 0.60 0.00 | 22.38 0.60 0.00 | 19.56 0.55 0.00 | 18.48 0.55 0.00 | 18.47 0.59 0.00 | 18.42 0.63 0.00 | 18.14 0.68 0.00 | 17.33 0.72 0.00 | 19.13 0.74 0.00 | 20.12 0.76 0.00 | 20.56 0.77 0.00 | 23.54 0.72 0.00 | 21.60 0.59 0.00 | 19.52 0.47 0.00 |
| ATHENS_STG_2 23670 | 19.74 0.52 -0.10 | 17.76 0.43 -0.73 | 16.45 0.40 -0.31 | 16.25 0.37 -0.54 | 16.40 0.38 -0.23 | 16.94 0.38 -0.17 | 20.02 0.42 -1.12 | 21.11 0.46 0.00 | 20.03 0.45 0.00 | 20.53 0.52 0.00 | 22.91 0.60 0.00 | 22.38 0.60 0.00 | 19.56 0.55 0.00 | 18.48 0.55 0.00 | 18.47 0.59 0.00 | 18.42 0.63 0.00 | 18.14 0.68 0.00 | 17.33 0.72 0.00 | 19.13 0.74 0.00 | 20.12 0.76 0.00 | 20.56 0.77 0.00 | 23.54 0.72 0.00 | 21.60 0.59 0.00 | 19.52 0.47 0.00 |
| ATHENS_STG_3 23677 | 19.74 0.52 -0.10 | 17.76 0.43 -0.73 | 16.45 0.40 -0.31 | 16.25 0.37 -0.54 | 16.40 0.38 -0.23 | 16.94 0.38 -0.17 | 20.02 0.42 -1.12 | 21.11 0.46 0.00 | 20.03 0.45 0.00 | 20.53 0.52 0.00 | 22.91 0.60 0.00 | 22.38 0.60 0.00 | 19.56 0.55 0.00 | 18.48 0.55 0.00 | 18.47 0.59 0.00 | 18.42 0.63 0.00 | 18.14 0.68 0.00 | 17.33 0.72 0.00 | 19.13 0.74 0.00 | 20.12 0.76 0.00 | 20.56 0.77 0.00 | 23.54 0.72 0.00 | 21.60 0.59 0.00 | 19.52 0.47 0.00 |
| AUBURN___LFGE 323710 | 19.26 0.14 0.00 | 16.69 0.09 0.00 | 15.82 0.08 0.00 | 15.43 0.09 0.00 | 15.83 0.05 0.00 | 16.44 0.06 0.00 | 18.56 0.08 0.00 | 20.76 0.12 0.00 | 19.71 0.13 0.00 | 20.17 0.16 0.00 | 22.44 0.13 0.00 | 21.86 0.09 0.00 | 19.09 0.08 0.00 | 17.97 0.04 0.00 | 16.47 0.04 1.44 | 17.80 0.02 0.00 | 17.52 0.06 0.00 | 16.71 0.10 0.00 | 18.61 0.21 0.00 | 19.75 0.39 0.00 | 20.20 0.40 0.00 | 23.19 0.36 0.00 | 21.29 0.28 0.00 | 19.32 0.27 0.00 |
| BABYLON_RES_REC 323704 | 21.76 1.54 -1.10 | 18.86 1.23 -1.02 | 17.27 1.10 -0.44 | 17.12 1.02 -0.76 | 17.19 1.08 -0.33 | 17.75 1.12 -0.24 | 21.35 1.30 -1.57 | 22.07 1.42 0.00 | 74.00 1.23 -53.20 | 40.06 1.57 -18.48 | 36.33 1.86 -12.16 | 63.37 1.63 -39.97 | 20.53 1.51 0.00 | 22.01 1.53 -2.55 | 26.97 1.63 -7.47 | 29.58 1.73 -10.07 | 20.98 1.76 -1.76 | 19.52 1.79 -1.13 | 20.21 1.82 0.00 | 21.05 1.69 0.00 | 21.67 1.88 0.00 | 24.69 1.87 0.00 | 22.67 1.66 0.00 | 20.39 1.34 0.00 |
| BABYLON__69_KV_BK2 356345 | 21.98 1.76 -1.10 | 19.03 1.41 -1.02 | 17.44 1.27 -0.44 | 17.28 1.19 -0.76 | 17.36 1.25 -0.33 | 17.92 1.30 -0.24 | 21.55 1.50 -1.57 | 22.28 1.64 0.00 | 74.21 1.42 -53.22 | 40.23 1.74 -18.48 | 36.53 2.07 -12.16 | 63.58 1.85 -39.97 | 20.75 1.73 0.00 | 22.24 1.76 -2.55 | 27.21 1.86 -7.47 | 29.82 1.96 -10.07 | 21.21 1.99 -1.76 | 19.74 2.01 -1.13 | 20.45 2.06 0.00 | 21.28 1.92 0.00 | 21.93 2.14 0.00 | 24.97 2.15 0.00 | 22.91 1.89 0.00 | 20.58 1.53 0.00 |
| BALL_HILL_WT_PWR 323825 | 18.75 -0.37 0.00 | 16.30 -0.30 0.00 | 15.43 -0.31 0.00 | 15.10 -0.24 0.00 | 15.53 -0.25 0.00 | 16.19 -0.20 0.00 | 18.32 -0.15 0.00 | 20.61 -0.04 0.00 | 19.59 0.02 0.00 | 20.24 0.23 0.00 | 22.74 0.43 0.00 | 22.17 0.40 0.00 | 19.46 0.44 0.00 | 18.27 0.33 0.00 | 18.18 0.30 0.00 | 18.01 0.22 0.00 | 17.63 0.17 0.00 | 16.69 0.08 0.00 | 18.67 0.28 0.00 | 19.86 0.50 0.00 | 20.18 0.38 0.00 | 23.14 0.31 0.00 | 21.59 0.58 0.00 | 19.31 0.26 0.00 |
| BARON_WINDS___WT_PWR 323822 | 18.87 -0.25 0.00 | 16.38 -0.22 0.00 | 15.51 -0.23 0.00 | 15.17 -0.17 0.00 | 15.62 -0.16 0.00 | 16.25 -0.14 0.00 | 18.38 -0.09 0.00 | 20.71 0.07 0.00 | 19.69 0.11 0.00 | 20.26 0.25 0.00 | 22.68 0.37 0.00 | 22.08 0.31 0.00 | 19.33 0.31 0.00 | 18.19 0.25 0.00 | 18.13 0.25 0.00 | 18.03 0.24 0.00 | 17.65 0.20 0.00 | 16.81 0.20 0.00 | 18.75 0.36 0.00 | 19.87 0.51 0.00 | 20.24 0.45 0.00 | 23.21 0.39 0.00 | 21.55 0.54 0.00 | 19.29 0.24 0.00 |
| BARRETT_IC_1 23704 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_10 23701 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 39.17 0.94 -18.66 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_11 23702 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 39.17 0.94 -18.66 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_12 23703 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 39.17 0.94 -18.66 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_2 23705 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_3 23706 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_4 23707 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BARRETT_IC_5 23708 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_6 23709 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_7 23710 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.57 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.90 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.24 1.18 0.00 |
| BARRETT_IC_8 23711 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT_IC_9 23700 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 39.17 0.94 -18.66 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT___1 23545 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 64.89 0.94 -44.38 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BARRETT___2 23546 | 21.52 1.30 -1.10 | 18.66 1.04 -1.02 | 17.10 0.92 -0.44 | 16.96 0.86 -0.76 | 17.02 0.91 -0.33 | 17.56 0.94 -0.24 | 21.11 1.06 -1.57 | 21.78 1.14 0.00 | 39.17 0.94 -18.66 | 39.79 1.30 -18.48 | 36.04 1.58 -12.16 | 63.11 1.38 -39.97 | 20.31 1.30 0.00 | 21.82 1.34 -2.55 | 26.75 1.40 -7.47 | 29.34 1.48 -10.07 | 20.79 1.57 -1.76 | 19.32 1.59 -1.13 | 20.02 1.62 -0.01 | 20.84 1.48 0.00 | 21.42 1.63 0.00 | 24.49 1.67 0.00 | 22.49 1.48 0.00 | 20.23 1.18 0.00 |
| BATAVIA___115KV_TB1 55881 | 18.93 -0.19 0.00 | 16.47 -0.13 0.00 | 15.59 -0.14 0.00 | 15.23 -0.11 0.00 | 15.67 -0.12 0.00 | 16.34 -0.05 0.00 | 18.48 0.01 0.00 | 20.74 0.10 0.00 | 19.68 0.10 0.00 | 20.21 0.20 0.00 | 22.71 0.40 0.00 | 22.09 0.32 0.00 | 19.42 0.40 0.00 | 18.21 0.27 0.00 | 18.13 0.25 0.00 | 17.87 0.09 0.00 | 17.52 0.06 0.00 | 16.64 0.03 0.00 | 18.66 0.27 0.00 | 19.97 0.61 0.00 | 20.34 0.55 0.00 | 23.38 0.55 0.00 | 21.77 0.76 0.00 | 19.56 0.51 0.00 |
| BAYONEEC___CTG1 323682 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG10 323750 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG2 323683 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG3 323684 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG4 323685 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG5 323686 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG6 323687 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BAYONEEC___CTG7 323688 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG8 323689 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BAYONEEC___CTG9 323749 | 20.31 1.05 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.81 -1.57 | 21.63 0.98 0.00 | 20.59 1.02 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.34 0.00 | 20.20 1.18 0.00 | 19.10 1.16 0.00 | 19.10 1.22 0.00 | 19.11 1.33 0.00 | 18.84 1.38 0.00 | 18.00 1.39 0.00 | 19.81 1.42 0.00 | 20.80 1.43 0.00 | 21.29 1.49 0.00 | 24.37 1.55 0.00 | 22.37 1.37 0.00 | 20.11 1.06 0.00 |
| BEACON___LESR 323632 | 20.79 0.76 -0.92 | 23.89 0.67 -6.62 | 19.23 0.65 -2.84 | 20.85 0.62 -4.90 | 18.56 0.66 -2.11 | 18.59 0.66 -1.55 | 29.32 0.67 -10.18 | 21.13 0.49 0.00 | 19.99 0.41 0.00 | 20.44 0.43 0.00 | 22.83 0.52 0.00 | 22.43 0.66 0.00 | 19.64 0.62 0.00 | 18.52 0.59 0.00 | 18.43 0.55 0.00 | 18.29 0.51 0.00 | 18.08 0.62 0.00 | 17.30 0.69 0.00 | 19.19 0.80 0.00 | 18.81 0.87 1.42 | 20.57 0.77 0.00 | 23.57 0.74 0.00 | 21.55 0.54 0.00 | 19.53 0.48 0.00 |
| BEAVER RIVER___HYD 24048 | 19.55 0.43 0.00 | 16.99 0.39 0.00 | 16.13 0.40 0.00 | 15.74 0.40 0.00 | 16.21 0.43 0.00 | 16.81 0.42 0.00 | 19.03 0.56 0.00 | 21.28 0.64 0.00 | 20.18 0.60 0.00 | 20.56 0.55 0.00 | 22.83 0.52 0.00 | 22.21 0.44 0.00 | 19.41 0.39 0.00 | 18.14 0.21 0.00 | -9.14 0.10 27.12 | 17.85 0.06 0.00 | 17.40 -0.06 0.00 | 16.56 -0.05 0.00 | 18.42 0.04 0.00 | 19.58 0.21 0.00 | 20.25 0.45 0.00 | 23.40 0.58 0.00 | 21.40 0.40 0.00 | 19.37 0.32 0.00 |
| BEEBEE_GT_13 23619 | 18.79 -0.33 0.00 | 16.33 -0.26 0.00 | 15.47 -0.26 0.00 | 15.10 -0.24 0.00 | 15.53 -0.25 0.00 | 16.17 -0.21 0.00 | 18.26 -0.21 0.00 | 20.47 -0.17 0.00 | 19.44 -0.14 0.00 | 19.98 -0.03 0.00 | 22.35 0.04 0.00 | 21.82 0.04 0.00 | 19.14 0.12 0.00 | 17.99 0.06 0.00 | 17.91 0.03 0.00 | 17.75 -0.04 0.00 | 17.42 -0.04 0.00 | 16.48 -0.13 0.00 | 18.46 0.07 0.00 | 19.62 0.26 0.00 | 19.97 0.18 0.00 | 22.93 0.11 0.00 | 21.27 0.26 0.00 | 19.20 0.14 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 20.50 1.23 -0.14 | 18.63 1.01 -1.02 | 17.10 0.92 -0.44 | 16.95 0.86 -0.76 | 16.98 0.87 -0.33 | 17.51 0.88 -0.24 | 21.03 0.98 -1.57 | 21.82 1.18 0.00 | 20.77 1.20 0.00 | 21.33 1.32 0.00 | 23.90 1.59 0.00 | 23.33 1.56 0.00 | 20.37 1.36 0.00 | 19.27 1.34 0.00 | 19.29 1.42 0.00 | 19.31 1.53 0.00 | 19.05 1.59 0.00 | 18.19 1.58 0.00 | 20.02 1.63 0.00 | 21.02 1.66 0.00 | 21.53 1.73 0.00 | 24.66 1.83 0.00 | 22.63 1.62 0.00 | 20.33 1.27 0.00 |
| BETHLEHEM___GRP 23843 | 20.57 0.56 -0.88 | 23.54 0.54 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.52 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.19 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.28 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.81 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| BETHLEHEM___GS1 323560 | 20.57 0.56 -0.88 | 23.53 0.53 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.51 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.18 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.29 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.82 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| BETHLEHEM___GS2 323561 | 20.57 0.56 -0.88 | 23.53 0.53 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.51 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.18 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.29 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.82 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| BETHLEHEM___GS3 323562 | 20.57 0.56 -0.88 | 23.53 0.53 -6.41 | 19.01 0.53 -2.75 | 20.58 0.50 -4.74 | 18.34 0.52 -2.04 | 18.40 0.51 -1.50 | 28.78 0.46 -9.84 | 20.84 0.20 0.00 | 19.74 0.16 0.00 | 20.19 0.18 0.00 | 22.51 0.20 0.00 | 22.05 0.28 0.00 | 19.29 0.27 0.00 | 18.22 0.29 0.00 | 18.20 0.32 0.00 | 18.07 0.29 0.00 | 17.82 0.36 0.00 | 17.00 0.39 0.00 | 18.81 0.42 0.00 | 19.01 0.46 0.81 | 20.20 0.40 0.00 | 23.12 0.29 0.00 | 21.20 0.19 0.00 | 19.24 0.19 0.00 |
| BETHLEHEM___STEEL 23779 | 18.71 -0.41 0.00 | 16.26 -0.34 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.49 -0.29 0.00 | 16.14 -0.25 0.00 | 18.24 -0.23 0.00 | 20.51 -0.13 0.00 | 19.51 -0.06 0.00 | 20.15 0.14 0.00 | 22.62 0.31 0.00 | 22.07 0.30 0.00 | 19.38 0.36 0.00 | 18.18 0.25 0.00 | 18.09 0.21 0.00 | 17.90 0.11 0.00 | 17.55 0.09 0.00 | 16.56 -0.05 0.00 | 18.56 0.17 0.00 | 19.76 0.40 0.00 | 20.07 0.27 0.00 | 23.05 0.22 0.00 | 21.53 0.52 0.00 | 19.32 0.27 0.00 |
| BETHLHEM_115KV_TB1 79974 | 20.50 0.54 -0.84 | 23.19 0.51 -6.08 | 18.84 0.49 -2.61 | 20.30 0.47 -4.50 | 18.21 0.49 -1.94 | 18.29 0.49 -1.42 | 28.27 0.45 -9.34 | 20.88 0.23 0.00 | 19.78 0.20 0.00 | 20.23 0.22 0.00 | 22.55 0.25 0.00 | 22.09 0.31 0.00 | 19.32 0.31 0.00 | 18.25 0.31 0.00 | 18.23 0.35 0.00 | 18.11 0.33 0.00 | 17.85 0.39 0.00 | 17.04 0.43 0.00 | 18.85 0.46 0.00 | 19.10 0.50 0.76 | 20.25 0.45 0.00 | 23.18 0.36 0.00 | 21.26 0.25 0.00 | 19.28 0.23 0.00 |
| BETHPAGE_CC_5 323564 | 21.65 1.43 -1.10 | 18.77 1.15 -1.02 | 17.20 1.02 -0.44 | 17.05 0.95 -0.76 | 17.12 1.01 -0.33 | 17.66 1.04 -0.24 | 21.25 1.20 -1.57 | 21.96 1.32 0.00 | 73.89 1.15 -53.17 | 39.97 1.48 -18.48 | 36.22 1.75 -12.16 | 63.30 1.56 -39.97 | 20.45 1.43 0.00 | 21.93 1.45 -2.55 | 26.88 1.53 -7.47 | 29.48 1.62 -10.07 | 20.87 1.65 -1.76 | 19.38 1.64 -1.13 | 20.04 1.65 0.00 | 20.89 1.53 0.00 | 21.49 1.69 0.00 | 24.53 1.71 0.00 | 22.59 1.58 0.00 | 20.33 1.27 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 18.77 -0.35 0.00 | 16.31 -0.28 0.00 | 15.45 -0.28 0.00 | 15.11 -0.23 0.00 | 15.54 -0.24 0.00 | 16.19 -0.20 0.00 | 18.30 -0.17 0.00 | 20.58 -0.06 0.00 | 19.59 0.01 0.00 | 20.22 0.22 0.00 | 22.71 0.40 0.00 | 22.15 0.38 0.00 | 19.45 0.44 0.00 | 18.25 0.32 0.00 | 18.16 0.28 0.00 | 17.97 0.19 0.00 | 17.62 0.16 0.00 | 16.64 0.03 0.00 | 18.65 0.26 0.00 | 19.84 0.48 0.00 | 20.15 0.35 0.00 | 23.14 0.31 0.00 | 21.61 0.60 0.00 | 19.39 0.34 0.00 |

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| BINGHAMTON___COGEN 23790 | 19.19 0.07 0.00 | 16.63 0.04 0.00 | 15.76 0.03 0.00 | 15.38 0.05 0.00 | 15.84 0.06 0.00 | 16.45 0.06 0.00 | 18.57 0.10 0.00 | 20.83 0.19 0.00 | 19.79 0.21 0.00 | 20.31 0.30 0.00 | 22.68 0.37 0.00 | 22.08 0.31 0.00 | 19.31 0.30 0.00 | 18.21 0.28 0.00 | 18.16 0.29 0.00 | 18.09 0.31 0.00 | 17.77 0.31 0.00 | 16.94 0.33 0.00 | 18.81 0.42 0.00 | 19.84 0.47 0.00 | 20.25 0.45 0.00 | 23.21 0.39 0.00 | 21.42 0.41 0.00 | 19.33 0.28 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 18.96 -0.16 0.00 | 16.49 -0.11 0.00 | 15.63 -0.11 0.00 | 15.28 -0.06 0.00 | 15.72 -0.06 0.00 | 16.33 -0.06 0.00 | 18.49 0.02 0.00 | 20.89 0.25 0.00 | 19.88 0.30 0.00 | 20.52 0.51 0.00 | 23.01 0.70 0.00 | 22.40 0.63 0.00 | 19.65 0.64 0.00 | 18.46 0.52 0.00 | 18.35 0.47 0.00 | 18.19 0.40 0.00 | 17.80 0.34 0.00 | 16.86 0.25 0.00 | 18.86 0.47 0.00 | 20.05 0.68 0.00 | 20.36 0.57 0.00 | 23.37 0.55 0.00 | 21.83 0.82 0.00 | 19.57 0.51 0.00 |
| BLACK RIVER___HYD 24047 | 19.56 0.45 0.00 | 16.98 0.38 0.00 | 16.10 0.36 0.00 | 15.71 0.37 0.00 | 16.18 0.40 0.00 | 16.81 0.43 0.00 | 19.04 0.57 0.00 | 21.30 0.65 0.00 | 20.20 0.62 0.00 | 20.61 0.60 0.00 | 22.83 0.53 0.00 | 22.27 0.49 0.00 | 19.42 0.41 0.00 | 18.10 0.17 0.00 | -1.03 0.04 18.95 | 17.78 0.00 0.00 | 17.28 -0.18 0.00 | 16.45 -0.16 0.00 | 18.37 -0.03 0.00 | 19.61 0.24 0.00 | 20.39 0.60 0.00 | 23.52 0.70 0.00 | 21.47 0.46 0.00 | 19.41 0.35 0.00 |
| BLACKRVR_115KV_TB2 79977 | 19.56 0.45 0.00 | 16.97 0.38 0.00 | 16.10 0.36 0.00 | 15.71 0.37 0.00 | 16.18 0.40 0.00 | 16.81 0.43 0.00 | 19.04 0.57 0.00 | 21.30 0.65 0.00 | 20.20 0.62 0.00 | 20.61 0.60 0.00 | 22.83 0.53 0.00 | 22.26 0.49 0.00 | 19.42 0.41 0.00 | 18.10 0.17 0.00 | -1.03 0.04 18.95 | 17.78 0.00 0.00 | 17.28 -0.18 0.00 | 16.45 -0.16 0.00 | 18.37 -0.03 0.00 | 19.60 0.24 0.00 | 20.39 0.59 0.00 | 23.52 0.70 0.00 | 21.47 0.46 0.00 | 19.41 0.35 0.00 |
| BLISS_WT_PWR 323608 | 18.96 -0.16 0.00 | 16.52 -0.08 0.00 | 15.63 -0.10 0.00 | 15.28 -0.06 0.00 | 15.71 -0.07 0.00 | 16.33 -0.06 0.00 | 18.49 0.02 0.00 | 20.90 0.25 0.00 | 19.90 0.32 0.00 | 20.52 0.52 0.00 | 23.03 0.71 0.00 | 22.43 0.66 0.00 | 19.66 0.65 0.00 | 18.47 0.54 0.00 | 18.36 0.48 0.00 | 18.19 0.40 0.00 | 17.79 0.33 0.00 | 16.86 0.25 0.00 | 18.85 0.46 0.00 | 20.04 0.68 0.00 | 20.36 0.57 0.00 | 23.37 0.54 0.00 | 21.82 0.81 0.00 | 19.56 0.51 0.00 |
| BLUESTONE___WT_PWR 323821 | 20.05 0.89 -0.03 | 17.59 0.75 -0.24 | 16.52 0.68 -0.10 | 16.19 0.68 -0.18 | 16.58 0.72 -0.08 | 17.25 0.80 -0.06 | 19.87 1.03 -0.37 | 21.93 1.28 0.00 | 20.85 1.27 0.00 | 21.38 1.37 0.00 | 23.80 1.50 0.00 | 23.10 1.33 0.00 | 20.21 1.19 0.00 | 19.02 1.09 0.00 | 18.93 1.05 0.00 | 18.80 1.02 0.00 | 18.52 1.06 0.00 | 17.66 1.05 0.00 | 19.64 1.25 0.00 | 20.78 1.42 0.00 | 21.25 1.46 0.00 | 24.36 1.54 0.00 | 22.38 1.37 0.00 | 20.13 1.07 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 20.40 0.63 -0.65 | 21.87 0.58 -4.70 | 18.31 0.56 -2.02 | 19.36 0.55 -3.48 | 17.85 0.57 -1.50 | 18.06 0.58 -1.10 | 26.27 0.58 -7.22 | 21.10 0.46 0.00 | 19.92 0.34 0.00 | 20.32 0.32 0.00 | 22.59 0.28 0.00 | 22.22 0.44 0.00 | 19.41 0.40 0.00 | 18.28 0.34 0.00 | 18.26 0.38 0.00 | 18.18 0.40 0.00 | 17.88 0.43 0.00 | 17.12 0.51 0.00 | 18.96 0.57 0.00 | 19.30 0.65 0.71 | 20.46 0.67 0.00 | 23.43 0.61 0.00 | 21.50 0.49 0.00 | 19.50 0.44 0.00 |
| BOC_GAS_DRP 24189 | 20.14 0.43 -0.59 | 21.23 0.37 -4.26 | 17.91 0.35 -1.83 | 18.82 0.33 -3.15 | 17.49 0.35 -1.36 | 17.73 0.35 -0.99 | 25.37 0.35 -6.54 | 20.94 0.30 0.00 | 19.85 0.28 0.00 | 20.32 0.31 0.00 | 22.66 0.35 0.00 | 22.16 0.39 0.00 | 19.37 0.36 0.00 | 18.30 0.36 0.00 | 18.27 0.39 0.00 | 18.21 0.42 0.00 | 17.92 0.46 0.00 | 17.10 0.49 0.00 | 18.91 0.52 0.00 | 19.43 0.55 0.48 | 20.34 0.55 0.00 | 23.31 0.49 0.00 | 21.39 0.39 0.00 | 19.38 0.33 0.00 |
| BOONVILLE_115KV_TB1 79983 | 19.60 0.48 0.00 | 17.00 0.40 0.00 | 16.13 0.39 0.00 | 15.72 0.38 0.00 | 16.18 0.40 0.00 | 16.82 0.43 0.00 | 19.02 0.55 0.00 | 21.28 0.63 0.00 | 20.19 0.62 0.00 | 20.62 0.61 0.00 | 22.95 0.64 0.00 | 22.35 0.57 0.00 | 19.52 0.51 0.00 | 18.38 0.44 0.00 | 7.97 0.40 10.30 | 18.16 0.38 0.00 | 17.80 0.34 0.00 | 16.95 0.34 0.00 | 18.80 0.41 0.00 | 19.91 0.55 0.00 | 20.45 0.65 0.00 | 23.55 0.73 0.00 | 21.59 0.58 0.00 | 19.51 0.45 0.00 |
| BORALEX_4TH_BRANCH 23824 | 21.50 1.16 -1.22 | 26.52 1.10 -8.82 | 20.57 1.05 -3.79 | 22.91 1.04 -6.54 | 19.67 1.07 -2.82 | 19.47 1.02 -2.06 | 33.09 1.05 -13.56 | 21.74 1.10 0.00 | 20.51 0.93 0.00 | 20.89 0.88 0.00 | 23.37 1.05 0.00 | 22.84 1.07 0.00 | 19.94 0.92 0.00 | 18.87 0.94 0.00 | 18.79 0.91 0.00 | 18.48 0.69 0.00 | 18.26 0.80 0.00 | 17.50 0.89 0.00 | 19.40 1.01 0.00 | 21.29 1.23 -0.70 | 20.95 1.15 0.00 | 23.95 1.13 0.00 | 21.92 0.91 0.00 | 19.90 0.85 0.00 |
| BOWLINE___1 23526 | 20.05 0.79 -0.13 | 18.22 0.65 -0.97 | 16.75 0.59 -0.42 | 16.61 0.55 -0.72 | 16.66 0.56 -0.31 | 17.17 0.56 -0.23 | 20.59 0.62 -1.49 | 21.40 0.75 0.00 | 20.34 0.77 0.00 | 20.88 0.87 0.00 | 23.39 1.09 0.00 | 22.84 1.07 0.00 | 19.97 0.96 0.00 | 18.89 0.96 0.00 | 18.90 1.03 0.00 | 18.89 1.11 0.00 | 18.63 1.18 0.00 | 17.80 1.19 0.00 | 19.61 1.22 0.00 | 20.59 1.23 0.00 | 21.05 1.25 0.00 | 24.07 1.25 0.00 | 22.09 1.08 0.00 | 19.88 0.83 0.00 |
| BOWLINE___2 23595 | 20.05 0.79 -0.13 | 18.22 0.65 -0.97 | 16.75 0.59 -0.42 | 16.61 0.55 -0.72 | 16.66 0.56 -0.31 | 17.17 0.56 -0.23 | 20.59 0.62 -1.49 | 21.40 0.75 0.00 | 20.34 0.77 0.00 | 20.88 0.87 0.00 | 23.40 1.09 0.00 | 22.84 1.07 0.00 | 19.98 0.96 0.00 | 18.89 0.96 0.00 | 18.90 1.03 0.00 | 18.89 1.11 0.00 | 18.63 1.18 0.00 | 17.80 1.19 0.00 | 19.61 1.22 0.00 | 20.59 1.23 0.00 | 21.05 1.25 0.00 | 24.07 1.25 0.00 | 22.09 1.08 0.00 | 19.88 0.83 0.00 |
| BRADY___115KV_TB2 356060 | 19.08 -0.04 0.00 | 16.70 0.10 0.00 | 15.93 0.19 0.00 | 15.54 0.20 0.00 | 15.98 0.20 0.00 | 16.43 0.04 0.00 | 18.59 0.12 0.00 | 20.78 0.14 0.00 | 19.66 0.08 0.00 | 19.92 -0.09 0.00 | 22.15 -0.16 0.00 | 21.61 -0.16 0.00 | 18.83 -0.18 0.00 | 17.66 -0.28 0.00 | -75.91 -0.42 93.37 | 17.33 -0.45 0.00 | 16.92 -0.54 0.00 | 16.09 -0.52 0.00 | 17.79 -0.60 0.00 | 18.71 -0.65 0.00 | 19.27 -0.52 0.00 | 22.54 -0.29 0.00 | 20.83 -0.18 0.00 | 18.89 -0.16 0.00 |
| BRANSCOMB___SOLAR 323811 | 21.65 1.05 -1.48 | 28.26 0.93 -10.72 | 21.23 0.89 -4.61 | 24.16 0.88 -7.94 | 20.12 0.92 -3.42 | 19.84 0.95 -2.51 | 36.00 1.04 -16.48 | 21.71 1.07 0.00 | 20.53 0.95 0.00 | 20.92 0.91 0.00 | 23.29 0.98 0.00 | 22.80 1.03 0.00 | 19.80 0.78 0.00 | 18.67 0.73 0.00 | 18.53 0.65 0.00 | 18.42 0.63 0.00 | 18.19 0.73 0.00 | 17.39 0.79 0.00 | 19.40 1.01 0.00 | 21.06 1.16 -0.54 | 20.97 1.18 0.00 | 24.02 1.19 0.00 | 21.99 0.98 0.00 | 19.88 0.83 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 21.93 1.71 -1.10 | 18.99 1.37 -1.02 | 17.39 1.21 -0.44 | 17.23 1.13 -0.76 | 17.32 1.21 -0.33 | 17.88 1.26 -0.24 | 21.50 1.46 -1.57 | 22.22 1.58 0.00 | 74.30 1.33 -53.39 | 40.13 1.64 -18.48 | 36.43 1.96 -12.16 | 63.45 1.72 -39.97 | 20.63 1.62 0.00 | 22.15 1.67 -2.55 | 27.12 1.77 -7.47 | 29.71 1.85 -10.07 | 21.10 1.88 -1.76 | 19.63 1.90 -1.13 | 20.33 1.94 0.00 | 21.13 1.77 0.00 | 21.80 2.00 0.00 | 24.81 1.98 0.00 | 22.76 1.75 0.00 | 20.47 1.42 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 18.87 -0.25 0.00 | 16.37 -0.23 0.00 | 15.51 -0.23 0.00 | 15.12 -0.22 0.00 | 15.56 -0.22 0.00 | 16.16 -0.22 0.00 | 18.21 -0.26 0.00 | 20.36 -0.29 0.00 | 19.32 -0.26 0.00 | 19.79 -0.22 0.00 | 22.04 -0.27 0.00 | 21.49 -0.29 0.00 | 18.76 -0.26 0.00 | 17.69 -0.24 0.00 | 15.15 -0.26 2.46 | 17.51 -0.28 0.00 | 17.22 -0.24 0.00 | 16.40 -0.21 0.00 | 18.22 -0.17 0.00 | 19.25 -0.12 0.00 | 19.65 -0.15 0.00 | 22.55 -0.27 0.00 | 20.78 -0.23 0.00 | 18.89 -0.16 0.00 |
| BROOKHAVEN___DRP 24191 | 21.86 1.64 -1.10 | 18.91 1.29 -1.02 | 17.31 1.14 -0.44 | 17.16 1.07 -0.76 | 17.25 1.14 -0.33 | 17.82 1.20 -0.24 | 21.41 1.36 -1.57 | 22.10 1.46 0.00 | 74.11 1.18 -53.35 | 39.95 1.47 -18.48 | 36.23 1.76 -12.16 | 63.27 1.53 -39.97 | 20.45 1.44 0.00 | 21.96 1.48 -2.55 | 26.95 1.60 -7.47 | 29.56 1.70 -10.07 | 20.97 1.75 -1.76 | 19.48 1.74 -1.13 | 20.15 1.76 0.00 | 20.94 1.57 0.00 | 21.60 1.81 0.00 | 24.57 1.75 0.00 | 22.53 1.52 0.00 | 20.25 1.20 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 20.26 1.00 -0.14 | 18.45 0.83 -1.02 | 16.94 0.76 -0.44 | 16.80 0.70 -0.76 | 16.82 0.71 -0.33 | 17.35 0.72 -0.24 | 20.81 0.77 -1.57 | 21.57 0.93 0.00 | 21.18 0.96 -0.64 | 21.09 1.08 0.00 | 23.61 1.32 0.01 | 23.03 1.27 0.01 | 20.13 1.12 0.00 | 19.04 1.10 0.00 | 19.04 1.16 0.00 | 19.06 1.28 0.00 | 18.79 1.33 0.00 | 17.95 1.34 0.00 | 19.75 1.36 0.00 | 20.74 1.38 0.00 | 21.22 1.43 0.00 | 24.30 1.48 0.00 | 22.32 1.32 0.00 | 20.06 1.01 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 21.56 1.34 -1.10 | 18.71 1.09 -1.02 | 17.16 0.99 -0.44 | 17.02 0.92 -0.76 | 17.07 0.96 -0.33 | 17.62 0.99 -0.24 | 21.18 1.13 -1.57 | 21.94 1.29 0.00 | 74.53 1.21 -53.75 | 39.93 1.44 -18.48 | 36.24 1.77 -12.16 | 63.42 1.68 -39.97 | 20.54 1.52 0.00 | 21.99 1.51 -2.55 | 26.93 1.58 -7.47 | 29.54 1.68 -10.07 | 20.95 1.73 -1.76 | 19.43 1.70 -1.13 | 20.08 1.69 0.00 | 21.01 1.65 0.00 | 21.62 1.82 0.00 | 24.68 1.86 0.00 | 22.63 1.62 0.00 | 20.34 1.29 0.00 |
| BROOME_2_LFGE 323671 | 19.19 0.07 0.00 | 16.63 0.04 0.00 | 15.76 0.03 0.00 | 15.38 0.05 0.00 | 15.84 0.06 0.00 | 16.45 0.06 0.00 | 18.57 0.10 0.00 | 20.83 0.19 0.00 | 19.79 0.21 0.00 | 20.31 0.30 0.00 | 22.68 0.37 0.00 | 22.08 0.31 0.00 | 19.31 0.30 0.00 | 18.21 0.28 0.00 | 18.16 0.29 0.00 | 18.09 0.31 0.00 | 17.77 0.31 0.00 | 16.94 0.33 0.00 | 18.80 0.42 0.00 | 19.84 0.47 0.00 | 20.25 0.45 0.00 | 23.22 0.39 0.00 | 21.42 0.41 0.00 | 19.33 0.28 0.00 |
| BROOME___LFGE 323600 | 19.19 0.07 0.00 | 16.63 0.04 0.00 | 15.76 0.03 0.00 | 15.38 0.05 0.00 | 15.84 0.06 0.00 | 16.45 0.06 0.00 | 18.57 0.10 0.00 | 20.83 0.19 0.00 | 19.79 0.21 0.00 | 20.31 0.30 0.00 | 22.68 0.37 0.00 | 22.08 0.31 0.00 | 19.31 0.30 0.00 | 18.21 0.28 0.00 | 18.16 0.29 0.00 | 18.09 0.31 0.00 | 17.77 0.31 0.00 | 16.94 0.33 0.00 | 18.80 0.42 0.00 | 19.84 0.47 0.00 | 20.25 0.45 0.00 | 23.22 0.39 0.00 | 21.42 0.41 0.00 | 19.33 0.28 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.05 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 20.46 1.20 -0.14 | 18.61 0.99 -1.02 | 17.08 0.91 -0.44 | 16.94 0.84 -0.76 | 16.97 0.86 -0.33 | 17.50 0.88 -0.24 | 21.01 0.96 -1.57 | 21.80 1.16 0.00 | 20.77 1.19 0.00 | 21.33 1.33 0.00 | 23.91 1.60 0.00 | 23.32 1.55 0.00 | 20.37 1.36 0.00 | 19.26 1.32 0.00 | 19.26 1.39 0.00 | 19.28 1.50 0.00 | 19.01 1.55 0.00 | 18.15 1.54 0.00 | 19.97 1.58 0.00 | 20.97 1.61 0.00 | 21.47 1.67 0.00 | 24.58 1.76 0.00 | 22.56 1.55 0.00 | 20.28 1.23 0.00 |
| BURROWS___LYONSDAL 23803 | 19.60 0.48 0.00 | 17.00 0.40 0.00 | 16.13 0.40 0.00 | 15.73 0.39 0.00 | 16.19 0.41 0.00 | 16.82 0.44 0.00 | 19.03 0.56 0.00 | 21.29 0.64 0.00 | 20.20 0.62 0.00 | 20.62 0.61 0.00 | 22.94 0.63 0.00 | 22.33 0.55 0.00 | 19.50 0.49 0.00 | 18.33 0.40 13.60 | 4.62 0.34 0.00 | 18.10 0.32 0.00 | 17.71 0.25 0.00 | 16.87 0.25 0.00 | 18.72 0.33 0.00 | 19.85 0.49 0.00 | 20.42 0.62 0.00 | 23.53 0.71 0.00 | 21.55 0.54 0.00 | 19.48 0.42 0.00 |
| CAITHNESS_CC_1 323624 | 21.84 1.62 -1.10 | 18.90 1.28 -1.02 | 17.31 1.13 -0.44 | 17.15 1.06 -0.76 | 17.24 1.14 -0.33 | 17.81 1.18 -0.24 | 21.39 1.35 -1.57 | 22.09 1.45 0.00 | 74.11 1.18 -53.35 | 39.95 1.46 -18.48 | 36.22 1.76 -12.16 | 63.26 1.53 -39.97 | 20.45 1.43 0.00 | 21.95 1.48 -2.55 | 26.94 1.59 -7.47 | 29.55 1.69 -10.07 | 20.96 1.74 -1.76 | 19.47 1.73 -1.13 | 20.14 1.75 0.00 | 20.93 1.57 0.00 | 21.60 1.80 0.00 | 24.57 1.74 0.00 | 22.53 1.52 0.00 | 20.26 1.21 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 21.67 1.44 -1.10 | 18.78 1.16 -1.02 | 17.21 1.04 -0.44 | 17.06 0.97 -0.76 | 17.13 1.02 -0.33 | 17.68 1.06 -0.24 | 21.26 1.22 -1.57 | 21.98 1.33 0.00 | 73.87 1.16 -53.14 | 39.97 1.48 -18.48 | 36.24 1.77 -12.16 | 63.31 1.57 -39.97 | 20.46 1.45 0.00 | 21.94 1.46 -2.55 | 26.89 1.54 -7.47 | 29.49 1.63 -10.07 | 20.89 1.67 -1.76 | 19.37 1.64 -1.13 | 20.02 1.63 0.00 | 20.88 1.52 0.00 | 21.48 1.68 0.00 | 24.51 1.69 0.00 | 22.62 1.61 0.00 | 20.35 1.30 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 21.67 1.44 -1.10 | 18.78 1.16 -1.02 | 17.21 1.04 -0.44 | 17.06 0.97 -0.76 | 17.13 1.02 -0.33 | 17.68 1.05 -0.24 | 21.26 1.21 -1.57 | 21.98 1.33 0.00 | 73.87 1.16 -53.14 | 39.97 1.48 -18.48 | 36.23 1.77 -12.16 | 63.31 1.57 -39.97 | 20.46 1.45 0.00 | 21.94 1.46 -2.55 | 26.89 1.54 -7.47 | 29.49 1.63 -10.07 | 20.89 1.67 -1.76 | 19.37 1.64 -1.13 | 20.02 1.64 0.00 | 20.88 1.52 0.00 | 21.48 1.68 0.00 | 24.51 1.69 0.00 | 22.62 1.61 0.00 | 20.35 1.30 0.00 |
| CALPINE_BP_GT1 23823 | 21.67 1.44 -1.10 | 18.78 1.16 -1.02 | 17.21 1.04 -0.44 | 17.06 0.97 -0.76 | 17.13 1.02 -0.33 | 17.68 1.05 -0.24 | 21.26 1.21 -1.57 | 21.98 1.33 0.00 | 73.87 1.16 -53.14 | 39.97 1.48 -18.48 | 36.23 1.77 -12.16 | 63.31 1.57 -39.97 | 20.46 1.45 0.00 | 21.94 1.46 -2.55 | 26.89 1.54 -7.47 | 29.49 1.63 -10.07 | 20.89 1.67 -1.76 | 19.37 1.64 -1.13 | 20.02 1.64 0.00 | 20.88 1.52 0.00 | 21.48 1.68 0.00 | 24.51 1.69 0.00 | 22.62 1.61 0.00 | 20.35 1.30 0.00 |
| CALSPAN___DRP 24200 | 18.71 -0.41 0.00 | 16.26 -0.34 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.49 -0.29 0.00 | 16.14 -0.25 0.00 | 18.24 -0.23 0.00 | 20.51 -0.13 0.00 | 19.51 -0.06 0.00 | 20.15 0.14 0.00 | 22.62 0.31 0.00 | 22.07 0.30 0.00 | 19.38 0.36 0.00 | 18.18 0.25 0.00 | 18.09 0.21 0.00 | 17.90 0.11 0.00 | 17.55 0.09 0.00 | 16.56 -0.05 0.00 | 18.56 0.17 0.00 | 19.76 0.40 0.00 | 20.07 0.27 0.00 | 23.05 0.22 0.00 | 21.53 0.52 0.00 | 19.32 0.27 0.00 |

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| CALVERTON___SOLAR 323806 | 21.89 1.67 -1.10 | 18.94 1.32 -1.02 | 17.34 1.16 -0.44 | 17.19 1.09 -0.76 | 17.29 1.17 -0.33 | 17.85 1.22 -0.24 | 21.44 1.40 -1.57 | 22.14 1.50 0.00 | 74.15 1.22 -53.35 | 39.99 1.49 -18.48 | 36.26 1.80 -12.16 | 63.29 1.55 -39.97 | 20.48 1.46 0.00 | 21.99 1.51 -2.55 | 26.98 1.63 -7.47 | 29.60 1.74 -10.07 | 21.00 1.78 -1.76 | 19.51 1.78 -1.13 | 20.18 1.79 0.00 | 20.96 1.60 0.00 | 21.62 1.83 0.00 | 24.59 1.77 0.00 | 22.54 1.53 0.00 | 20.25 1.20 0.00 |
| CANDIGU_WT_PWR 323617 | 18.87 -0.25 0.00 | 16.38 -0.22 0.00 | 15.51 -0.23 0.00 | 15.17 -0.17 0.00 | 15.62 -0.16 0.00 | 16.25 -0.14 0.00 | 18.38 -0.09 0.00 | 20.71 0.07 0.00 | 19.69 0.11 0.00 | 20.26 0.25 0.00 | 22.68 0.37 0.00 | 22.08 0.31 0.00 | 19.33 0.31 0.00 | 18.19 0.25 0.00 | 18.13 0.25 0.00 | 18.03 0.24 0.00 | 17.65 0.20 0.00 | 16.81 0.20 0.00 | 18.75 0.36 0.00 | 19.87 0.51 0.00 | 20.24 0.45 0.00 | 23.21 0.39 0.00 | 21.55 0.54 0.00 | 19.29 0.24 0.00 |
| CARR STREET_E_SYR 24060 | 18.98 -0.15 0.00 | 16.46 -0.13 0.00 | 15.59 -0.14 0.00 | 15.20 -0.14 0.00 | 15.65 -0.13 0.00 | 16.26 -0.13 0.00 | 18.32 -0.15 0.00 | 20.49 -0.15 0.00 | 19.46 -0.12 0.00 | 19.93 -0.07 0.00 | 22.21 -0.10 0.00 | 21.64 -0.13 0.00 | 18.90 -0.11 0.00 | 17.83 -0.11 0.00 | 15.80 -0.11 1.98 | 17.68 -0.11 0.00 | 17.37 -0.08 0.00 | 16.54 -0.07 0.00 | 18.38 -0.01 0.00 | 19.40 0.04 0.00 | 19.80 0.01 0.00 | 22.72 -0.10 0.00 | 20.94 -0.07 0.00 | 19.02 -0.03 0.00 |
| CARTHAGE___PAPER 23857 | 19.66 0.54 0.00 | 17.08 0.48 0.00 | 16.21 0.47 0.00 | 15.81 0.48 0.00 | 16.29 0.50 0.00 | 16.91 0.53 0.00 | 19.15 0.68 0.00 | 21.42 0.77 0.00 | 20.31 0.73 0.00 | 20.69 0.68 0.00 | 22.95 0.64 0.00 | 22.33 0.55 0.00 | 19.51 0.49 0.00 | 18.20 0.27 0.00 | -4.09 0.14 22.11 | 17.90 0.11 0.00 | 17.42 -0.04 0.00 | 16.56 -0.04 0.00 | 18.47 0.08 0.00 | 19.68 0.32 0.00 | 20.42 0.62 0.00 | 23.59 0.77 0.00 | 21.55 0.54 0.00 | 19.48 0.43 0.00 |
| CASSADAGA_WT_PWR 323784 | 19.14 0.02 0.00 | 16.59 -0.01 0.00 | 15.71 -0.02 0.00 | 15.38 0.04 0.00 | 15.82 0.04 0.00 | 16.54 0.16 0.00 | 18.79 0.32 0.00 | 21.19 0.54 0.00 | 20.08 0.51 0.00 | 20.81 0.80 0.00 | 23.40 1.09 0.00 | 22.79 1.02 0.00 | 20.00 0.98 0.00 | 18.80 0.86 0.00 | 18.69 0.81 0.00 | 18.52 0.73 0.00 | 18.12 0.66 0.00 | 17.17 0.56 0.00 | 19.19 0.80 0.00 | 20.44 1.08 0.00 | 20.77 0.98 0.00 | 23.77 0.94 0.00 | 22.10 1.09 0.00 | 19.57 0.51 0.00 |
| CE_DUNWOOD___DRP 24194 | 20.20 0.94 -0.14 | 18.39 0.77 -1.02 | 16.88 0.71 -0.44 | 16.76 0.66 -0.75 | 16.79 0.68 -0.33 | 17.31 0.68 -0.24 | 20.81 0.77 -1.57 | 21.56 0.91 0.00 | 20.49 0.91 0.00 | 21.04 1.04 0.00 | 23.58 1.27 0.00 | 23.01 1.24 0.00 | 20.11 1.09 0.00 | 19.02 1.08 0.00 | 19.03 1.15 0.00 | 19.02 1.23 0.00 | 18.76 1.30 0.00 | 17.93 1.32 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.25 1.42 0.00 | 22.24 1.24 0.00 | 20.02 0.96 0.00 |
| CE_MILLWOOD___DRP 24193 | 20.16 0.90 -0.14 | 18.35 0.73 -1.01 | 16.85 0.68 -0.44 | 16.72 0.63 -0.75 | 16.75 0.64 -0.32 | 17.27 0.65 -0.24 | 20.76 0.73 -1.56 | 21.51 0.86 0.00 | 20.44 0.87 0.00 | 20.99 0.99 0.00 | 23.51 1.20 0.00 | 22.95 1.18 0.00 | 20.06 1.05 0.00 | 18.97 1.04 0.00 | 18.98 1.10 0.00 | 18.97 1.19 0.00 | 18.71 1.25 0.00 | 17.88 1.27 0.00 | 19.69 1.31 0.00 | 20.68 1.32 0.00 | 21.15 1.35 0.00 | 24.19 1.36 0.00 | 22.19 1.18 0.00 | 19.98 0.92 0.00 |
| CE_NYC2_DRP 24202 | 20.34 1.08 -0.14 | 18.50 0.88 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.89 0.78 -0.33 | 17.41 0.78 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.62 1.05 0.00 | 21.18 1.17 0.00 | 23.73 1.42 0.00 | 23.15 1.38 0.00 | 20.22 1.20 0.00 | 19.12 1.18 0.00 | 19.13 1.25 0.00 | 19.15 1.36 0.00 | 18.88 1.43 0.00 | 18.03 1.42 0.00 | 19.82 1.43 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.40 1.57 0.00 | 22.39 1.38 0.00 | 20.13 1.08 0.00 |
| CE_NYC_DRP 24195 | 20.34 1.07 -0.14 | 18.51 0.89 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.41 0.79 -0.24 | 20.89 0.85 -1.57 | 21.66 1.02 0.00 | 20.62 1.05 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.16 1.39 0.00 | 20.23 1.22 0.00 | 19.13 1.20 0.00 | 19.14 1.26 0.00 | 19.15 1.36 0.00 | 18.87 1.41 0.00 | 18.03 1.42 0.00 | 19.84 1.45 0.00 | 20.83 1.47 0.00 | 21.32 1.53 0.00 | 24.41 1.58 0.00 | 22.41 1.40 0.00 | 20.14 1.09 0.00 |
| CHAFFEE___LFGE 323603 | 18.86 -0.26 0.00 | 16.42 -0.18 0.00 | 15.52 -0.22 0.00 | 15.17 -0.16 0.00 | 15.61 -0.17 0.00 | 16.29 -0.10 0.00 | 18.42 -0.05 0.00 | 20.72 0.08 0.00 | 19.71 0.13 0.00 | 20.33 0.32 0.00 | 22.83 0.52 0.00 | 22.28 0.51 0.00 | 19.55 0.53 0.00 | 18.35 0.41 0.00 | 18.26 0.38 0.00 | 18.07 0.29 0.00 | 17.73 0.27 0.00 | 16.75 0.14 0.00 | 18.78 0.39 0.00 | 19.98 0.61 0.00 | 20.28 0.48 0.00 | 23.29 0.47 0.00 | 21.74 0.73 0.00 | 19.49 0.44 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 19.43 0.31 0.00 | 16.85 0.25 0.00 | 15.98 0.24 0.00 | 15.58 0.24 0.00 | 16.05 0.27 0.00 | 16.67 0.28 0.00 | 18.84 0.37 0.00 | 21.10 0.45 0.00 | 19.90 0.32 0.00 | 20.03 0.02 0.00 | 22.34 0.03 0.00 | 21.83 0.06 0.00 | 19.03 0.01 0.00 | 17.86 -0.07 0.00 | 6.93 -0.12 10.83 | 17.59 -0.19 0.00 | 17.11 -0.35 0.00 | 16.33 -0.28 0.00 | 18.07 -0.32 0.00 | 18.96 -0.40 0.00 | 19.42 -0.38 0.00 | 22.53 -0.30 0.00 | 20.73 -0.28 0.00 | 18.86 -0.19 0.00 |
| CHATEAUG_WT_PWR 323614 | 19.96 0.84 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.33 0.86 0.00 | 21.66 1.02 0.00 | 20.35 0.78 0.00 | 20.37 0.36 0.00 | 22.75 0.44 0.00 | 22.22 0.45 0.00 | 19.34 0.33 0.00 | 18.16 0.22 0.00 | 12.23 0.20 5.85 | 17.85 0.07 0.00 | 17.28 -0.18 0.00 | 16.56 -0.05 0.00 | 18.26 -0.13 0.00 | 19.25 -0.11 0.00 | 19.67 -0.13 0.00 | 22.70 -0.12 0.00 | 20.90 -0.11 0.00 | 19.10 0.05 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 19.43 0.31 0.00 | 16.85 0.25 0.00 | 15.98 0.24 0.00 | 15.58 0.24 0.00 | 16.05 0.27 0.00 | 16.67 0.28 0.00 | 18.84 0.37 0.00 | 21.10 0.45 0.00 | 19.90 0.32 0.00 | 20.03 0.02 0.00 | 22.34 0.03 0.00 | 21.83 0.06 0.00 | 19.03 0.01 0.00 | 17.86 -0.07 0.00 | 6.93 -0.12 10.83 | 17.59 -0.19 0.00 | 17.11 -0.35 0.00 | 16.33 -0.28 0.00 | 18.07 -0.32 0.00 | 18.96 -0.40 0.00 | 19.42 -0.38 0.00 | 22.53 -0.30 0.00 | 20.73 -0.28 0.00 | 18.86 -0.19 0.00 |
| CHAUTAUQUA___LFGE 323629 | 18.92 -0.20 0.00 | 16.41 -0.19 0.00 | 15.54 -0.20 0.00 | 15.22 -0.12 0.00 | 15.66 -0.12 0.00 | 16.34 -0.05 0.00 | 18.52 0.04 0.00 | 20.84 0.20 0.00 | 19.79 0.22 0.00 | 20.48 0.47 0.00 | 23.00 0.69 0.00 | 22.42 0.64 0.00 | 19.67 0.66 0.00 | 18.49 0.56 0.00 | 18.41 0.53 0.00 | 18.23 0.45 0.00 | 17.84 0.38 0.00 | 16.91 0.30 0.00 | 18.91 0.52 0.00 | 20.11 0.75 0.00 | 20.44 0.64 0.00 | 23.42 0.59 0.00 | 21.82 0.81 0.00 | 19.43 0.37 0.00 |
| CHERRYST_13_KV_LD 356241 | 20.39 1.13 -0.14 | 18.55 0.93 -1.02 | 17.04 0.86 -0.44 | 16.90 0.80 -0.76 | 16.93 0.81 -0.33 | 17.46 0.83 -0.24 | 20.95 0.91 -1.57 | 21.74 1.09 0.00 | 20.71 1.13 0.00 | 21.28 1.27 0.00 | 23.86 1.55 0.00 | 23.26 1.49 0.00 | 20.32 1.31 0.00 | 19.21 1.28 0.00 | 19.21 1.33 0.00 | 19.23 1.44 0.00 | 18.95 1.49 0.00 | 18.10 1.49 0.00 | 19.91 1.52 0.00 | 20.91 1.54 0.00 | 21.40 1.60 0.00 | 24.48 1.66 0.00 | 22.47 1.46 0.00 | 20.20 1.15 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 19.94 0.69 -0.13 | 18.07 0.56 -0.90 | 16.64 0.52 -0.39 | 16.49 0.48 -0.67 | 16.56 0.49 -0.29 | 17.09 0.49 -0.21 | 20.42 0.55 -1.39 | 21.30 0.66 0.00 | 20.24 0.66 0.00 | 20.75 0.74 0.00 | 23.24 0.93 0.00 | 22.70 0.93 0.00 | 19.84 0.82 0.00 | 18.75 0.81 0.00 | 18.76 0.88 0.00 | 18.73 0.95 0.00 | 18.47 1.02 0.00 | 17.65 1.04 0.00 | 19.47 1.08 0.00 | 20.46 1.10 0.00 | 20.92 1.12 0.00 | 23.93 1.11 0.00 | 21.97 0.96 0.00 | 19.79 0.73 0.00 |
| CH_MIDHUDSON___DRP 24192 | 20.16 0.88 -0.15 | 18.44 0.71 -1.13 | 16.87 0.65 -0.48 | 16.78 0.61 -0.83 | 16.77 0.63 -0.36 | 17.30 0.64 -0.26 | 20.94 0.74 -1.73 | 21.51 0.87 0.00 | 20.43 0.86 0.00 | 20.95 0.95 0.00 | 23.46 1.16 0.00 | 22.92 1.15 0.00 | 20.04 1.02 0.00 | 18.94 1.00 0.00 | 18.95 1.07 0.00 | 18.93 1.15 0.00 | 18.68 1.23 0.00 | 17.87 1.26 0.00 | 19.69 1.31 0.00 | 20.69 1.33 0.00 | 21.15 1.35 0.00 | 24.19 1.36 0.00 | 22.17 1.16 0.00 | 19.97 0.91 0.00 |
| CH_MISC_IPPS 23765 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.82 0.70 -0.34 | 17.35 0.71 -0.25 | 20.96 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.06 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.47 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |
| CH_RES_BVR_FALLS 23983 | 18.98 -0.14 0.00 | 16.49 -0.10 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.71 -0.08 0.00 | 16.30 -0.09 0.00 | 18.39 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.10 -0.21 0.00 | 21.58 -0.19 0.00 | 18.85 -0.17 0.00 | 17.75 -0.19 0.00 | 21.17 -0.22 -3.51 | 17.54 -0.24 0.00 | 17.17 -0.29 0.00 | 16.32 -0.29 0.00 | 18.06 -0.33 0.00 | 18.97 -0.40 0.00 | 19.43 -0.37 0.00 | 22.51 -0.32 0.00 | 20.71 -0.30 0.00 | 18.77 -0.29 0.00 |
| CH_RES_NIAGARA 23895 | 18.12 -1.00 0.00 | 15.79 -0.81 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.67 -0.72 0.00 | 17.66 -0.81 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.46 -0.55 0.00 | 21.84 -0.47 0.00 | 21.36 -0.41 0.00 | 18.76 -0.26 0.00 | 17.56 -0.37 0.00 | 17.46 -0.42 0.00 | 17.22 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.21 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| CH_RES_SYRACUSE 23985 | 19.09 -0.03 0.00 | 16.56 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.77 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| CLINTON_WT_PWR 323605 | 19.96 0.84 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.33 0.86 0.00 | 21.66 1.02 0.00 | 20.35 0.78 0.00 | 20.37 0.36 0.00 | 22.75 0.44 0.00 | 22.22 0.45 0.00 | 19.34 0.33 0.00 | 18.16 0.22 0.00 | 12.23 0.20 5.85 | 17.85 0.07 0.00 | 17.28 -0.18 0.00 | 16.56 -0.05 0.00 | 18.26 -0.13 0.00 | 19.25 -0.11 0.00 | 19.67 -0.13 0.00 | 22.70 -0.12 0.00 | 20.90 -0.11 0.00 | 19.10 0.05 0.00 |
| CLINTON___LFGE 323618 | 19.91 0.79 0.00 | 17.20 0.60 0.00 | 16.30 0.56 0.00 | 15.90 0.56 0.00 | 16.39 0.61 0.00 | 17.03 0.65 0.00 | 19.30 0.82 0.00 | 21.63 0.99 0.00 | 20.35 0.78 0.00 | 20.40 0.39 0.00 | 22.77 0.46 0.00 | 22.24 0.47 0.00 | 19.35 0.34 0.00 | 18.16 0.22 0.00 | 11.42 0.20 6.65 | 17.89 0.11 0.00 | 17.35 -0.11 0.00 | 16.62 0.01 0.00 | 18.36 -0.03 0.00 | 19.33 -0.03 0.00 | 19.77 -0.02 0.00 | 22.84 0.02 0.00 | 21.04 0.03 0.00 | 19.21 0.15 0.00 |
| COBBLENY_34_KV_TB1 80064 | 18.85 -0.27 0.00 | 16.38 -0.21 0.00 | 15.52 -0.22 0.00 | 15.17 -0.16 0.00 | 15.61 -0.17 0.00 | 16.27 -0.12 0.00 | 18.42 -0.05 0.00 | 20.72 0.08 0.00 | 19.71 0.13 0.00 | 20.33 0.32 0.00 | 22.82 0.52 0.00 | 22.26 0.49 0.00 | 19.54 0.53 0.00 | 18.35 0.41 0.00 | 18.26 0.38 0.00 | 18.07 0.28 0.00 | 17.73 0.27 0.00 | 16.75 0.14 0.00 | 18.78 0.39 0.00 | 19.98 0.62 0.00 | 20.28 0.49 0.00 | 23.29 0.47 0.00 | 21.74 0.73 0.00 | 19.49 0.44 0.00 |
| COFFEEN___115KV_TB3 355620 | 19.65 0.53 0.00 | 17.04 0.44 0.00 | 16.16 0.42 0.00 | 15.76 0.43 0.00 | 16.24 0.45 0.00 | 16.89 0.50 0.00 | 19.13 0.65 0.00 | 21.40 0.75 0.00 | 20.29 0.71 0.00 | 20.70 0.69 0.00 | 22.92 0.62 0.00 | 22.37 0.60 0.00 | 19.50 0.49 0.00 | 18.13 0.20 0.00 | -0.44 0.07 18.39 | 17.81 0.02 0.00 | 17.27 -0.19 0.00 | 16.45 -0.16 0.00 | 18.39 0.00 0.00 | 19.65 0.29 0.00 | 20.51 0.72 0.00 | 23.68 0.86 0.00 | 21.62 0.60 0.00 | 19.52 0.47 0.00 |
| COLDSPRG_115KV_BK1 355956 | 19.29 0.17 0.00 | 16.72 0.12 0.00 | 15.86 0.13 0.00 | 15.52 0.18 0.00 | 15.98 0.20 0.00 | 16.67 0.28 0.00 | 18.96 0.49 0.00 | 21.42 0.77 0.00 | 20.33 0.76 0.00 | 21.04 1.03 0.00 | 23.60 1.30 0.00 | 22.96 1.19 0.00 | 20.15 1.14 0.00 | 18.96 1.02 0.00 | 18.85 0.97 0.00 | 18.70 0.92 0.00 | 18.31 0.85 0.00 | 17.36 0.75 0.00 | 19.40 1.01 0.00 | 20.61 1.25 0.00 | 20.94 1.14 0.00 | 23.97 1.14 0.00 | 22.31 1.30 0.00 | 19.83 0.77 0.00 |
| COLONIE_LFGE___ 323577 | 21.30 0.84 -1.34 | 27.08 0.77 -9.71 | 20.65 0.74 -4.17 | 23.25 0.72 -7.19 | 19.62 0.74 -3.10 | 19.40 0.75 -2.27 | 34.18 0.77 -14.93 | 21.41 0.77 0.00 | 20.24 0.66 0.00 | 20.67 0.66 0.00 | 23.08 0.77 0.00 | 22.57 0.80 0.00 | 19.69 0.68 0.00 | 18.61 0.67 0.00 | 18.53 0.66 0.00 | 18.36 0.57 0.00 | 18.13 0.67 0.00 | 17.35 0.73 0.00 | 19.24 0.85 0.00 | 21.09 0.95 -0.77 | 20.70 0.90 0.00 | 23.69 0.87 0.00 | 21.71 0.70 0.00 | 19.68 0.62 0.00 |
| COOPERNY_115KV_TB1 80082 | 19.68 0.48 -0.09 | 17.62 0.38 -0.65 | 16.36 0.34 -0.28 | 16.14 0.32 -0.48 | 16.32 0.33 -0.21 | 16.86 0.33 -0.15 | 19.84 0.37 -1.00 | 21.10 0.46 0.00 | 20.04 0.47 0.00 | 20.55 0.54 0.00 | 22.99 0.68 0.00 | 22.43 0.65 0.00 | 19.60 0.58 0.00 | 18.51 0.57 0.00 | 18.49 0.61 0.00 | 18.45 0.67 0.00 | 18.18 0.72 0.00 | 17.34 0.74 0.00 | 19.16 0.77 0.00 | 20.15 0.78 0.00 | 20.59 0.80 0.00 | 23.60 0.78 0.00 | 21.70 0.69 0.00 | 19.57 0.51 0.00 |
| COPENHAGEN_WT_PWR 323753 | 19.50 0.38 0.00 | 16.91 0.31 0.00 | 16.04 0.30 0.00 | 15.65 0.31 0.00 | 16.12 0.34 0.00 | 16.75 0.37 0.00 | 18.96 0.49 0.00 | 21.20 0.56 0.00 | 20.11 0.53 0.00 | 20.52 0.52 0.00 | 22.76 0.45 0.00 | 22.18 0.41 0.00 | 19.36 0.34 0.00 | 18.06 0.12 0.00 | 0.49 0.01 17.40 | 17.74 -0.04 0.00 | 17.25 -0.21 0.00 | 16.42 -0.19 0.00 | 18.32 -0.07 0.00 | 19.55 0.18 0.00 | 20.30 0.51 0.00 | 23.39 0.57 0.00 | 21.33 0.32 0.00 | 19.30 0.24 0.00 |
| CORNELL_____ 23752 | 19.44 0.32 0.00 | 16.85 0.25 0.00 | 15.96 0.22 0.00 | 15.57 0.23 0.00 | 16.02 0.25 0.00 | 16.66 0.27 0.00 | 18.82 0.35 0.00 | 21.12 0.48 0.00 | 20.06 0.48 0.00 | 20.55 0.54 0.00 | 22.89 0.58 0.00 | 22.25 0.48 0.00 | 19.45 0.44 0.00 | 18.29 0.35 0.00 | 18.21 0.34 0.00 | 18.09 0.31 0.00 | 17.80 0.34 0.00 | 17.00 0.39 0.00 | 18.93 0.54 0.00 | 20.07 0.70 0.00 | 20.53 0.73 0.00 | 23.54 0.72 0.00 | 21.66 0.65 0.00 | 19.55 0.50 0.00 |

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| CORONA__69_KV_TB1 355595 | 21.61 1.39 -1.10 | 18.74 1.12 -1.02 | 17.18 1.00 -0.44 | 17.04 0.94 -0.76 | 17.09 0.98 -0.33 | 17.65 1.02 -0.24 | 21.20 1.16 -1.57 | 21.91 1.27 0.00 | 76.13 1.14 -55.42 | 39.99 1.49 -18.48 | 36.22 1.75 -12.16 | 63.34 1.60 -39.97 | 20.49 1.48 0.00 | 21.96 1.48 -2.55 | 26.89 1.54 -7.47 | 29.48 1.63 -10.07 | 20.92 1.70 -1.76 | 19.45 1.72 -1.13 | 20.16 1.76 0.00 | 21.04 1.68 0.00 | 21.61 1.81 0.00 | 24.68 1.85 0.00 | 22.63 1.62 0.00 | 20.36 1.31 0.00 |
| CORTLAND__115KV_TB3 80093 | 19.35 0.23 0.00 | 16.78 0.18 0.00 | 15.90 0.16 0.00 | 15.50 0.16 0.00 | 15.97 0.18 0.00 | 16.59 0.20 0.00 | 18.74 0.27 0.00 | 21.01 0.36 0.00 | 19.95 0.37 0.00 | 20.44 0.43 0.00 | 22.77 0.46 0.00 | 22.15 0.38 0.00 | 19.37 0.35 0.00 | 18.23 0.30 0.00 | 16.55 0.27 1.60 | 18.08 0.29 0.00 | 17.75 0.29 0.00 | 16.92 0.31 0.00 | 18.81 0.42 0.00 | 19.90 0.54 0.00 | 20.36 0.57 0.00 | 23.37 0.55 0.00 | 21.52 0.51 0.00 | 19.44 0.38 0.00 |
| COXSACKIE__GT 23611 | 21.02 1.29 -0.61 | 22.13 1.14 -4.39 | 18.76 1.13 -1.89 | 19.68 1.09 -3.25 | 18.32 1.14 -1.40 | 18.62 1.20 -1.03 | 26.49 1.26 -6.75 | 21.73 1.09 0.00 | 20.42 0.84 0.00 | 20.39 0.39 0.00 | 22.13 -0.18 0.00 | 22.72 0.95 0.00 | 19.93 0.91 0.00 | 18.73 0.80 0.00 | 18.61 0.73 0.00 | 18.58 0.80 0.00 | 18.20 0.74 0.00 | 17.53 0.92 0.00 | 19.49 1.10 0.00 | 20.05 1.43 0.74 | 21.22 1.42 0.00 | 24.28 1.46 0.00 | 22.18 1.17 0.00 | 20.07 1.01 0.00 |
| CPV_VALLEY__CC1 323721 | 19.79 0.56 -0.11 | 17.85 0.45 -0.80 | 16.49 0.40 -0.34 | 16.31 0.38 -0.59 | 16.42 0.39 -0.25 | 16.95 0.38 -0.19 | 20.13 0.43 -1.23 | 21.17 0.52 0.00 | 20.11 0.53 0.00 | 20.62 0.61 0.00 | 23.08 0.77 0.00 | 22.53 0.76 0.00 | 19.69 0.68 0.00 | 18.61 0.68 0.00 | 18.62 0.74 0.00 | 18.59 0.80 0.00 | 18.32 0.86 0.00 | 17.50 0.89 0.00 | 19.30 0.91 0.00 | 20.29 0.92 0.00 | 20.74 0.94 0.00 | 23.72 0.90 0.00 | 21.79 0.78 0.00 | 19.64 0.59 0.00 |
| CPV_VALLEY__CC2 323722 | 19.79 0.56 -0.11 | 17.85 0.45 -0.80 | 16.49 0.40 -0.34 | 16.31 0.38 -0.59 | 16.42 0.39 -0.25 | 16.95 0.38 -0.19 | 20.13 0.43 -1.23 | 21.17 0.52 0.00 | 20.11 0.53 0.00 | 20.62 0.61 0.00 | 23.08 0.77 0.00 | 22.53 0.76 0.00 | 19.69 0.68 0.00 | 18.61 0.68 0.00 | 18.62 0.74 0.00 | 18.59 0.80 0.00 | 18.32 0.86 0.00 | 17.50 0.89 0.00 | 19.30 0.91 0.00 | 20.29 0.92 0.00 | 20.74 0.94 0.00 | 23.72 0.90 0.00 | 21.79 0.78 0.00 | 19.64 0.59 0.00 |
| CRESCENT__HYD 24018 | 21.30 0.84 -1.34 | 27.08 0.77 -9.71 | 20.65 0.74 -4.17 | 23.25 0.72 -7.19 | 19.62 0.74 -3.10 | 19.40 0.75 -2.27 | 34.18 0.77 -14.93 | 21.41 0.77 0.00 | 20.24 0.66 0.00 | 20.67 0.66 0.00 | 23.08 0.77 0.00 | 22.57 0.80 0.00 | 19.69 0.68 0.00 | 18.61 0.67 0.00 | 18.53 0.66 0.00 | 18.36 0.57 0.00 | 18.13 0.67 0.00 | 17.35 0.73 0.00 | 19.24 0.85 0.00 | 21.09 0.95 -0.77 | 20.70 0.90 0.00 | 23.69 0.87 0.00 | 21.71 0.70 0.00 | 19.68 0.62 0.00 |
| CRICKET__VALLEY_CC1 323756 | 20.08 0.75 -0.20 | 18.67 0.61 -1.46 | 16.92 0.56 -0.63 | 16.95 0.53 -1.08 | 16.79 0.55 -0.47 | 17.28 0.55 -0.34 | 21.35 0.64 -2.24 | 21.35 0.71 0.00 | 20.25 0.68 0.00 | 20.75 0.74 0.00 | 23.22 0.91 0.00 | 22.67 0.90 0.00 | 19.83 0.82 0.00 | 18.75 0.82 0.00 | 18.75 0.87 0.00 | 18.72 0.93 0.00 | 18.50 1.04 0.00 | 17.71 1.10 0.00 | 19.49 1.10 0.00 | 20.55 1.11 -0.08 | 20.90 1.11 0.00 | 23.90 1.08 0.00 | 21.90 0.88 0.00 | 19.76 0.70 0.00 |
| CRICKET__VALLEY_CC2 323757 | 20.08 0.75 -0.20 | 18.67 0.61 -1.46 | 16.92 0.56 -0.63 | 16.95 0.53 -1.08 | 16.79 0.55 -0.47 | 17.28 0.55 -0.34 | 21.35 0.64 -2.24 | 21.35 0.71 0.00 | 20.25 0.68 0.00 | 20.75 0.74 0.00 | 23.22 0.91 0.00 | 22.67 0.90 0.00 | 19.83 0.82 0.00 | 18.75 0.82 0.00 | 18.75 0.87 0.00 | 18.72 0.93 0.00 | 18.50 1.04 0.00 | 17.71 1.10 0.00 | 19.49 1.10 0.00 | 20.55 1.11 -0.08 | 20.90 1.11 0.00 | 23.90 1.08 0.00 | 21.90 0.88 0.00 | 19.76 0.70 0.00 |
| CRICKET__VALLEY_CC3 323758 | 20.08 0.75 -0.20 | 18.67 0.61 -1.46 | 16.92 0.56 -0.63 | 16.95 0.53 -1.08 | 16.79 0.55 -0.47 | 17.28 0.55 -0.34 | 21.35 0.64 -2.24 | 21.35 0.71 0.00 | 20.25 0.68 0.00 | 20.75 0.74 0.00 | 23.22 0.91 0.00 | 22.67 0.90 0.00 | 19.83 0.82 0.00 | 18.75 0.82 0.00 | 18.75 0.87 0.00 | 18.72 0.93 0.00 | 18.50 1.04 0.00 | 17.71 1.10 0.00 | 19.49 1.10 0.00 | 20.55 1.11 -0.08 | 20.90 1.11 0.00 | 23.90 1.08 0.00 | 21.90 0.88 0.00 | 19.76 0.70 0.00 |
| CRUCIBLE_METL_DRP 24180 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| DAHOWA__HYDRO 323763 | 21.76 1.14 -1.50 | 28.47 1.01 -10.86 | 21.37 0.96 -4.67 | 24.33 0.95 -8.04 | 20.25 1.01 -3.47 | 19.96 1.04 -2.54 | 36.33 1.16 -16.69 | 21.84 1.20 0.00 | 20.65 1.08 0.00 | 21.04 1.03 0.00 | 23.41 1.10 0.00 | 22.91 1.14 0.00 | 19.87 0.86 0.00 | 18.72 0.78 0.00 | 18.57 0.69 0.00 | 18.45 0.66 0.00 | 18.22 0.76 0.00 | 17.44 0.83 0.00 | 19.47 1.08 0.00 | 21.10 1.24 -0.51 | 21.06 1.26 0.00 | 24.12 1.29 0.00 | 22.07 1.06 0.00 | 19.95 0.89 0.00 |
| DANC__LFGE 323619 | 19.26 0.14 0.00 | 16.71 0.11 0.00 | 15.83 0.10 0.00 | 15.45 0.11 0.00 | 15.90 0.12 0.00 | 16.53 0.14 0.00 | 18.68 0.21 0.00 | 20.88 0.24 0.00 | 19.81 0.23 0.00 | 20.25 0.24 0.00 | 22.48 0.17 0.00 | 21.91 0.14 0.00 | 19.12 0.10 0.00 | 17.90 -0.04 0.00 | 5.82 -0.11 11.95 | 17.63 -0.16 0.00 | 17.20 -0.26 0.00 | 16.38 -0.23 0.00 | 18.25 -0.14 0.00 | 19.40 0.04 0.00 | 20.04 0.24 0.00 | 23.06 0.23 0.00 | 21.14 0.13 0.00 | 19.16 0.10 0.00 |
| DANSKAMMER__1 23586 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.82 0.70 -0.34 | 17.35 0.71 -0.25 | 20.96 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.06 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.47 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |
| DANSKAMMER__2 23589 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.82 0.70 -0.34 | 17.35 0.71 -0.25 | 20.96 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.06 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.47 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |
| DANSKAMMER__3 23590 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.82 0.70 -0.34 | 17.35 0.71 -0.25 | 20.96 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.06 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.47 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |

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|--|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| DANSKAMMER___4 23591 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.82 0.70 -0.34 | 17.35 0.71 -0.25 | 20.96 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.06 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.47 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |
| DANSKAMMER___DIESEL 23592 | 20.24 0.97 -0.15 | 18.47 0.79 -1.08 | 16.92 0.72 -0.46 | 16.82 0.68 -0.80 | 16.83 0.70 -0.34 | 17.36 0.72 -0.25 | 20.97 0.83 -1.66 | 21.62 0.98 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.31 0.00 | 23.08 1.31 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.08 1.21 0.00 | 19.07 1.28 0.00 | 18.83 1.37 0.00 | 18.00 1.40 0.00 | 19.85 1.46 0.00 | 20.86 1.50 0.00 | 21.32 1.53 0.00 | 24.39 1.56 0.00 | 22.35 1.34 0.00 | 20.10 1.05 0.00 |
| DARBY___SOLAR 323810 | 21.67 1.07 -1.48 | 28.27 0.94 -10.73 | 21.25 0.91 -4.61 | 24.17 0.89 -7.94 | 20.14 0.93 -3.43 | 19.86 0.96 -2.51 | 36.03 1.06 -16.49 | 21.74 1.10 0.00 | 20.55 0.98 0.00 | 20.95 0.94 0.00 | 23.31 1.01 0.00 | 22.82 1.05 0.00 | 19.81 0.79 0.00 | 18.67 0.73 0.00 | 18.52 0.64 0.00 | 18.41 0.62 0.00 | 18.18 0.73 0.00 | 17.41 0.80 0.00 | 19.41 1.02 0.00 | 21.07 1.17 -0.54 | 20.98 1.18 0.00 | 24.02 1.20 0.00 | 21.99 0.99 0.00 | 19.89 0.83 0.00 |
| DASHVILLE___HYD 23610 | 20.05 0.67 -0.26 | 18.94 0.47 -1.87 | 16.98 0.43 -0.80 | 17.10 0.38 -1.39 | 16.79 0.41 -0.60 | 17.25 0.42 -0.44 | 21.85 0.50 -2.88 | 21.35 0.70 0.00 | 20.29 0.71 0.00 | 20.82 0.82 0.00 | 23.35 1.04 0.00 | 22.80 1.03 0.00 | 19.93 0.91 0.00 | 18.81 0.88 0.00 | 18.87 0.99 0.00 | 18.87 1.09 0.00 | 18.62 1.16 0.00 | 17.81 1.20 0.00 | 19.60 1.21 0.00 | 20.41 1.23 0.19 | 21.05 1.25 0.00 | 24.09 1.26 0.00 | 22.08 1.07 0.00 | 19.86 0.81 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 22.32 2.10 -1.10 | 19.26 1.64 -1.02 | 17.61 1.44 -0.44 | 17.49 1.39 -0.76 | 17.63 1.52 -0.33 | 18.23 1.60 -0.24 | 21.89 1.85 -1.57 | 22.66 2.02 0.00 | 74.65 1.72 -53.35 | 40.54 2.04 -18.48 | 36.88 2.42 -12.16 | 63.91 2.17 -39.97 | 20.99 1.98 0.00 | 22.46 1.98 -2.55 | 27.41 2.06 -7.47 | 30.11 2.25 -10.07 | 21.38 2.16 -1.76 | 19.87 2.14 -1.13 | 20.47 2.08 0.00 | 21.22 1.86 0.00 | 21.81 2.02 0.00 | 24.74 1.92 0.00 | 22.62 1.61 0.00 | 20.27 1.22 0.00 |
| DELAWARE___LFGE 323621 | 19.61 0.44 -0.04 | 17.28 0.37 -0.32 | 16.21 0.33 -0.14 | 15.89 0.32 -0.23 | 16.22 0.34 -0.10 | 16.81 0.35 -0.07 | 19.37 0.42 -0.49 | 21.14 0.50 0.00 | 20.07 0.50 0.00 | 20.56 0.56 0.00 | 22.96 0.66 0.00 | 22.41 0.63 0.00 | 19.58 0.56 0.00 | 18.48 0.55 0.00 | 18.44 0.57 0.00 | 18.38 0.59 0.00 | 18.10 0.64 0.00 | 17.28 0.67 0.00 | 19.12 0.73 0.00 | 20.13 0.77 0.00 | 20.58 0.78 0.00 | 23.61 0.78 0.00 | 21.71 0.70 0.00 | 19.59 0.53 0.00 |
| DERFIELD_115KV_TB7 355931 | 19.22 0.11 0.00 | 16.68 0.08 0.00 | 15.81 0.08 0.00 | 15.41 0.08 0.00 | 15.86 0.08 0.00 | 16.47 0.08 0.00 | 18.56 0.09 0.00 | 20.72 0.08 0.00 | 19.66 0.08 0.00 | 20.10 0.10 0.00 | 22.42 0.11 0.00 | 21.88 0.11 0.00 | 19.11 0.09 0.00 | 18.04 0.11 0.00 | 16.37 0.11 1.62 | 17.91 0.12 0.00 | 17.59 0.13 0.00 | 16.75 0.14 0.00 | 18.54 0.15 0.00 | 19.54 0.18 0.00 | 19.97 0.18 0.00 | 22.96 0.14 0.00 | 21.13 0.12 0.00 | 19.15 0.10 0.00 |
| DOGLEVILLE___HYD 23807 | 19.51 0.39 0.00 | 16.98 0.38 0.00 | 16.09 0.36 0.00 | 15.69 0.35 0.00 | 16.17 0.39 0.00 | 16.78 0.40 0.00 | 18.92 0.45 0.00 | 21.02 0.38 0.00 | 19.72 0.14 0.00 | 20.17 0.16 0.00 | 22.50 0.19 0.00 | 22.00 0.23 0.00 | 19.12 0.10 0.00 | 18.06 0.12 0.00 | 16.41 0.15 1.62 | 17.88 0.10 0.00 | 17.59 0.13 0.00 | 16.85 0.24 0.00 | 18.73 0.34 0.00 | 19.87 0.51 0.00 | 20.31 0.51 0.00 | 23.23 0.40 0.00 | 21.30 0.30 0.00 | 19.25 0.20 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 18.88 -0.24 0.00 | 16.36 -0.24 0.00 | 15.51 -0.23 0.00 | 15.19 -0.15 0.00 | 15.63 -0.15 0.00 | 16.29 -0.10 0.00 | 18.46 -0.01 0.00 | 20.80 0.15 0.00 | 19.75 0.18 0.00 | 20.43 0.42 0.00 | 22.94 0.64 0.00 | 22.35 0.58 0.00 | 19.63 0.61 0.00 | 18.45 0.51 0.00 | 18.37 0.49 0.00 | 18.20 0.41 0.00 | 17.80 0.35 0.00 | 16.88 0.27 0.00 | 18.87 0.48 0.00 | 20.07 0.70 0.00 | 20.39 0.60 0.00 | 23.36 0.54 0.00 | 21.78 0.77 0.00 | 19.41 0.35 0.00 |
| DUNKIRK___1 23563 | 18.88 -0.24 0.00 | 16.36 -0.24 0.00 | 15.51 -0.23 0.00 | 15.19 -0.15 0.00 | 15.63 -0.15 0.00 | 16.29 -0.10 0.00 | 18.46 -0.01 0.00 | 20.80 0.15 0.00 | 19.75 0.18 0.00 | 20.43 0.42 0.00 | 22.94 0.64 0.00 | 22.35 0.58 0.00 | 19.63 0.61 0.00 | 18.45 0.51 0.00 | 18.37 0.49 0.00 | 18.20 0.41 0.00 | 17.80 0.35 0.00 | 16.88 0.27 0.00 | 18.87 0.48 0.00 | 20.07 0.70 0.00 | 20.39 0.60 0.00 | 23.36 0.54 0.00 | 21.78 0.77 0.00 | 19.41 0.35 0.00 |
| DUNKIRK___2 23564 | 18.88 -0.24 0.00 | 16.36 -0.24 0.00 | 15.51 -0.23 0.00 | 15.19 -0.15 0.00 | 15.63 -0.15 0.00 | 16.29 -0.10 0.00 | 18.46 -0.01 0.00 | 20.80 0.15 0.00 | 19.75 0.18 0.00 | 20.43 0.42 0.00 | 22.94 0.64 0.00 | 22.35 0.58 0.00 | 19.63 0.61 0.00 | 18.45 0.51 0.00 | 18.37 0.49 0.00 | 18.20 0.41 0.00 | 17.80 0.35 0.00 | 16.88 0.27 0.00 | 18.87 0.48 0.00 | 20.07 0.70 0.00 | 20.39 0.60 0.00 | 23.36 0.54 0.00 | 21.78 0.77 0.00 | 19.41 0.35 0.00 |
| DUNKIRK___3 23565 | 18.79 -0.33 0.00 | 16.29 -0.31 0.00 | 15.45 -0.28 0.00 | 15.12 -0.21 0.00 | 15.56 -0.22 0.00 | 16.21 -0.18 0.00 | 18.36 -0.11 0.00 | 20.66 0.02 0.00 | 19.64 0.06 0.00 | 20.30 0.30 0.00 | 22.79 0.48 0.00 | 22.21 0.44 0.00 | 19.50 0.49 0.00 | 18.32 0.39 0.00 | 18.24 0.36 0.00 | 18.07 0.29 0.00 | 17.69 0.23 0.00 | 16.76 0.15 0.00 | 18.74 0.35 0.00 | 19.92 0.56 0.00 | 20.24 0.44 0.00 | 23.20 0.38 0.00 | 21.65 0.64 0.00 | 19.34 0.29 0.00 |
| DUNKIRK___4 23566 | 18.79 -0.33 0.00 | 16.29 -0.31 0.00 | 15.45 -0.28 0.00 | 15.12 -0.21 0.00 | 15.56 -0.22 0.00 | 16.21 -0.18 0.00 | 18.36 -0.11 0.00 | 20.66 0.02 0.00 | 19.64 0.06 0.00 | 20.30 0.30 0.00 | 22.79 0.48 0.00 | 22.21 0.44 0.00 | 19.50 0.49 0.00 | 18.32 0.39 0.00 | 18.24 0.36 0.00 | 18.07 0.29 0.00 | 17.69 0.23 0.00 | 16.76 0.15 0.00 | 18.74 0.35 0.00 | 19.92 0.56 0.00 | 20.24 0.44 0.00 | 23.20 0.38 0.00 | 21.65 0.64 0.00 | 19.34 0.29 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 20.26 1.00 -0.14 | 18.44 0.82 -1.02 | 16.92 0.75 -0.44 | 16.79 0.70 -0.76 | 16.83 0.72 -0.33 | 17.35 0.73 -0.24 | 20.85 0.81 -1.57 | 21.61 0.97 0.00 | 20.54 0.97 0.00 | 21.11 1.10 0.00 | 23.65 1.34 0.00 | 23.08 1.31 0.00 | 20.17 1.15 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.08 1.29 0.00 | 18.81 1.36 0.00 | 17.98 1.37 0.00 | 19.79 1.40 0.00 | 20.77 1.41 0.00 | 21.25 1.46 0.00 | 24.31 1.49 0.00 | 22.31 1.30 0.00 | 20.07 1.02 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.07 0.81 -0.14 | 18.28 0.65 -1.03 | 16.77 0.59 -0.44 | 16.65 0.55 -0.76 | 16.68 0.57 -0.33 | 17.20 0.57 -0.24 | 20.71 0.66 -1.58 | 21.43 0.79 0.00 | 20.36 0.78 0.00 | 20.88 0.87 0.00 | 23.40 1.09 0.00 | 22.90 1.13 0.00 | 20.05 1.04 0.00 | 18.93 1.00 0.00 | 18.95 1.08 0.00 | 18.93 1.15 0.00 | 18.70 1.24 0.00 | 17.88 1.27 0.00 | 19.72 1.33 0.00 | 20.73 1.37 0.00 | 21.19 1.39 0.00 | 24.24 1.42 0.00 | 22.23 1.22 0.00 | 20.00 0.95 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 20.33 1.06 -0.14 | 18.49 0.86 -1.02 | 16.96 0.78 -0.44 | 16.82 0.73 -0.76 | 16.84 0.74 -0.33 | 17.36 0.74 -0.24 | 20.84 0.80 -1.57 | 21.58 0.94 0.00 | 20.54 0.97 0.00 | 21.08 1.07 0.00 | 23.61 1.31 0.00 | 23.06 1.29 0.00 | 20.13 1.12 0.00 | 19.03 1.10 0.00 | 19.07 1.19 0.00 | 19.10 1.31 0.00 | 18.83 1.38 0.00 | 17.96 1.35 0.00 | 19.73 1.34 0.00 | 20.72 1.36 0.00 | 21.23 1.43 0.00 | 24.30 1.48 0.00 | 22.32 1.31 0.00 | 20.06 1.01 0.00 |
| E179THST_13_KV_LOAD 356214 | 20.42 1.16 -0.14 | 18.56 0.94 -1.02 | 17.03 0.85 -0.44 | 16.89 0.79 -0.76 | 16.91 0.80 -0.33 | 17.43 0.81 -0.24 | 20.93 0.88 -1.57 | 21.69 1.05 0.00 | 20.64 1.07 0.00 | 21.19 1.18 0.00 | 23.74 1.44 0.00 | 23.19 1.42 0.00 | 20.25 1.23 0.00 | 19.14 1.20 0.00 | 19.17 1.29 0.00 | 19.20 1.42 0.00 | 18.94 1.48 0.00 | 18.06 1.45 0.00 | 19.84 1.45 0.00 | 20.84 1.48 0.00 | 21.34 1.54 0.00 | 24.44 1.61 0.00 | 22.43 1.43 0.00 | 20.17 1.11 0.00 |
| EAST HAMPTON___GT 23717 | 22.53 2.31 -1.10 | 19.41 1.79 -1.02 | 17.73 1.56 -0.44 | 17.63 1.54 -0.76 | 17.83 1.72 -0.33 | 18.43 1.80 -0.24 | 22.14 2.09 -1.57 | 22.94 2.30 0.00 | 74.91 1.98 -53.35 | 40.80 2.31 -18.48 | 37.17 2.71 -12.16 | 64.17 2.43 -39.97 | 21.19 2.18 0.00 | 22.63 2.15 -2.55 | 27.51 2.16 -7.47 | 30.28 2.42 -10.07 | 21.39 2.17 -1.76 | 19.88 2.15 -1.13 | 20.37 1.98 0.00 | 21.09 1.73 0.00 | 21.63 1.83 0.00 | 24.53 1.70 0.00 | 22.39 1.38 0.00 | 20.04 0.99 0.00 |
| EAST RIVER___6 23660 | 20.35 1.09 -0.14 | 18.52 0.89 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.89 0.78 -0.33 | 17.42 0.79 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.64 1.06 0.00 | 21.21 1.21 0.00 | 23.79 1.48 0.00 | 23.19 1.42 0.00 | 20.27 1.25 0.00 | 19.16 1.23 0.00 | 19.15 1.27 0.00 | 19.15 1.36 0.00 | 18.87 1.42 0.00 | 18.03 1.42 0.00 | 19.84 1.45 0.00 | 20.84 1.47 0.00 | 21.33 1.53 0.00 | 24.42 1.60 0.00 | 22.43 1.43 0.00 | 20.15 1.10 0.00 |
| EAST RIVER___7 23524 | 20.35 1.09 -0.14 | 18.52 0.89 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.89 0.78 -0.33 | 17.42 0.79 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.64 1.06 0.00 | 21.21 1.21 0.00 | 23.79 1.48 0.00 | 23.19 1.42 0.00 | 20.27 1.25 0.00 | 19.16 1.23 0.00 | 19.15 1.27 0.00 | 19.15 1.36 0.00 | 18.87 1.42 0.00 | 18.03 1.42 0.00 | 19.84 1.45 0.00 | 20.84 1.47 0.00 | 21.33 1.53 0.00 | 24.42 1.60 0.00 | 22.43 1.43 0.00 | 20.15 1.10 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 20.20 0.94 -0.14 | 18.39 0.77 -1.02 | 16.88 0.71 -0.44 | 16.76 0.66 -0.75 | 16.79 0.68 -0.33 | 17.31 0.68 -0.24 | 20.81 0.77 -1.57 | 21.56 0.91 0.00 | 20.49 0.91 0.00 | 21.04 1.04 0.00 | 23.58 1.27 0.00 | 23.01 1.24 0.00 | 20.11 1.09 0.00 | 19.02 1.08 0.00 | 19.03 1.15 0.00 | 19.02 1.23 0.00 | 18.76 1.30 0.00 | 17.93 1.32 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.25 1.42 0.00 | 22.24 1.24 0.00 | 20.02 0.96 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 22.54 2.31 -1.10 | 19.41 1.79 -1.02 | 17.73 1.55 -0.44 | 17.63 1.54 -0.76 | 17.83 1.73 -0.33 | 18.44 1.81 -0.24 | 22.15 2.10 -1.57 | 22.95 2.31 0.00 | 74.91 1.98 -53.35 | 40.81 2.32 -18.48 | 37.17 2.71 -12.16 | 64.17 2.44 -39.97 | 21.19 2.18 0.00 | 22.63 2.15 -2.55 | 27.50 2.15 -7.47 | 30.27 2.41 -10.07 | 21.37 2.15 -1.76 | 19.86 2.13 -1.13 | 20.33 1.94 0.00 | 21.06 1.69 0.00 | 21.59 1.79 0.00 | 24.47 1.64 0.00 | 22.33 1.32 0.00 | 19.99 0.93 0.00 |
| EAST_POINT___SOLAR 323840 | 21.82 1.06 -1.64 | 29.04 0.59 -11.85 | 21.60 0.77 -5.09 | 24.90 0.79 -8.77 | 20.38 0.81 -3.78 | 20.11 0.95 -2.77 | 37.91 1.23 -18.21 | 22.08 1.44 0.00 | 20.15 0.57 0.00 | 21.09 1.08 0.00 | 23.53 1.22 0.00 | 23.00 1.22 0.00 | 19.93 0.91 0.00 | 18.87 0.93 0.00 | 18.83 0.95 0.00 | 18.73 0.94 0.00 | 18.42 0.97 0.00 | 17.66 1.05 0.00 | 19.71 1.32 0.00 | 20.95 1.39 -0.20 | 21.31 1.51 0.00 | 24.60 1.77 0.00 | 22.70 1.70 0.00 | 20.22 1.16 0.00 |
| EAST_PULASKI___ESR 323781 | 19.05 -0.07 0.00 | 16.53 -0.07 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.72 -0.07 0.00 | 16.33 -0.06 0.00 | 18.42 -0.05 0.00 | 20.59 -0.05 0.00 | 19.54 -0.04 0.00 | 19.99 -0.02 0.00 | 22.22 -0.08 0.00 | 21.66 -0.11 0.00 | 18.89 -0.12 0.00 | 17.76 -0.17 0.00 | 11.19 -0.21 6.47 | 17.54 -0.25 0.00 | 17.17 -0.29 0.00 | 16.36 -0.25 0.00 | 18.21 -0.18 0.00 | 19.29 -0.07 0.00 | 19.81 0.01 0.00 | 22.77 -0.05 0.00 | 20.97 -0.04 0.00 | 19.03 -0.03 0.00 |
| EAST_RIVER___1 323558 | 20.33 1.07 -0.14 | 18.51 0.89 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.41 0.78 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.62 1.05 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.15 1.39 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.14 1.26 0.00 | 19.15 1.36 0.00 | 18.87 1.41 0.00 | 18.03 1.42 0.00 | 19.84 1.45 0.00 | 20.83 1.47 0.00 | 21.32 1.53 0.00 | 24.41 1.58 0.00 | 22.41 1.40 0.00 | 20.14 1.09 0.00 |
| EAST_RIVER___2 323559 | 20.35 1.09 -0.14 | 18.52 0.89 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.89 0.78 -0.33 | 17.42 0.79 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.64 1.06 0.00 | 21.21 1.21 0.00 | 23.79 1.48 0.00 | 23.19 1.42 0.00 | 20.27 1.25 0.00 | 19.16 1.23 0.00 | 19.15 1.27 0.00 | 19.15 1.36 0.00 | 18.87 1.42 0.00 | 18.03 1.42 0.00 | 19.84 1.45 0.00 | 20.84 1.47 0.00 | 21.33 1.53 0.00 | 24.42 1.60 0.00 | 22.43 1.43 0.00 | 20.15 1.10 0.00 |
| EAST___DELAWARE_HYD 23607 | 19.65 0.38 -0.15 | 17.97 0.26 -1.11 | 16.43 0.21 -0.48 | 16.34 0.18 -0.82 | 16.33 0.19 -0.35 | 16.84 0.19 -0.26 | 20.43 0.25 -1.71 | 21.02 0.37 0.00 | 19.94 0.37 0.00 | 20.43 0.42 0.00 | 22.93 0.62 0.00 | 22.39 0.62 0.00 | 19.44 0.43 0.00 | 17.98 0.04 0.00 | 17.99 0.12 0.00 | 17.96 0.17 0.00 | 17.75 0.29 0.00 | 16.99 0.38 0.00 | 18.75 0.36 0.00 | 19.69 0.37 0.04 | 20.25 0.45 0.00 | 23.72 0.90 0.00 | 21.74 0.73 0.00 | 19.56 0.51 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 19.08 -0.04 0.00 | 16.56 -0.04 0.00 | 15.67 -0.06 0.00 | 15.33 -0.01 0.00 | 15.79 0.01 0.00 | 16.43 0.05 0.00 | 18.61 0.14 0.00 | 20.98 0.34 0.00 | 19.93 0.35 0.00 | 20.45 0.44 0.00 | 22.87 0.56 0.00 | 22.27 0.50 0.00 | 19.48 0.47 0.00 | 18.33 0.40 0.00 | 18.26 0.39 0.00 | 18.14 0.36 0.00 | 17.79 0.33 0.00 | 16.92 0.32 0.00 | 18.90 0.51 0.00 | 20.12 0.75 0.00 | 20.53 0.74 0.00 | 23.55 0.73 0.00 | 21.86 0.85 0.00 | 19.55 0.49 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 19.01 -0.11 0.00 | 16.49 -0.11 0.00 | 15.63 -0.11 0.00 | 15.24 -0.10 0.00 | 15.66 -0.12 0.00 | 16.27 -0.12 0.00 | 18.34 -0.13 0.00 | 20.50 -0.14 0.00 | 19.46 -0.12 0.00 | 19.92 -0.09 0.00 | 22.17 -0.14 0.00 | 21.59 -0.18 0.00 | 18.86 -0.15 0.00 | 17.78 -0.15 0.00 | 16.15 -0.15 1.58 | 17.63 -0.16 0.00 | 17.35 -0.11 0.00 | 16.54 -0.07 0.00 | 18.39 0.00 0.00 | 19.44 0.08 0.00 | 19.86 0.06 0.00 | 22.79 -0.03 0.00 | 20.98 -0.03 0.00 | 19.06 0.00 0.00 |
| ELEC_TRO_TEK 24086 | 21.50 1.27 -1.10 | 18.65 1.02 -1.02 | 17.09 0.92 -0.44 | 16.95 0.86 -0.76 | 17.01 0.90 -0.33 | 17.55 0.93 -0.24 | 21.11 1.06 -1.57 | 21.81 1.17 0.00 | 74.71 1.06 -54.07 | 39.89 1.40 -18.48 | 36.15 1.68 -12.16 | 63.23 1.49 -39.97 | 20.37 1.36 0.00 | 21.84 1.36 -2.55 | 26.77 1.42 -7.47 | 29.37 1.51 -10.07 | 20.80 1.58 -1.76 | 19.32 1.59 -1.13 | 20.00 1.61 0.00 | 20.88 1.52 0.00 | 21.46 1.67 0.00 | 24.49 1.67 0.00 | 22.48 1.47 0.00 | 20.23 1.17 0.00 |

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| ELLENBURG_WT_PWR 323604 | 19.96 0.84 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.33 0.86 0.00 | 21.66 1.02 0.00 | 20.35 0.78 0.00 | 20.37 0.36 0.00 | 22.75 0.44 0.00 | 22.22 0.45 0.00 | 19.34 0.33 0.00 | 18.16 0.22 0.00 | 12.23 0.20 5.85 | 17.85 0.07 0.00 | 17.28 -0.18 0.00 | 16.56 -0.05 0.00 | 18.26 -0.13 0.00 | 19.25 -0.11 0.00 | 19.67 -0.13 0.00 | 22.70 -0.12 0.00 | 20.90 -0.11 0.00 | 19.10 0.05 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 18.60 -0.53 0.00 | 16.17 -0.43 0.00 | 15.33 -0.41 0.00 | 14.98 -0.36 0.00 | 15.40 -0.38 0.00 | 16.05 -0.34 0.00 | 18.13 -0.34 0.00 | 20.38 -0.27 0.00 | 19.38 -0.19 0.00 | 20.02 0.01 0.00 | 22.48 0.17 0.00 | 21.95 0.18 0.00 | 19.27 0.26 0.00 | 18.07 0.13 0.00 | 17.97 0.09 0.00 | 17.78 -0.01 0.00 | 17.42 -0.04 0.00 | 16.44 -0.17 0.00 | 18.42 0.03 0.00 | 19.62 0.26 0.00 | 19.91 0.12 0.00 | 22.87 0.05 0.00 | 21.38 0.38 0.00 | 19.21 0.16 0.00 |
| EMPIRE_CC_1 323656 | 20.64 0.67 -0.86 | 23.44 0.66 -6.19 | 19.06 0.67 -2.66 | 20.56 0.64 -4.58 | 18.41 0.66 -1.97 | 18.47 0.63 -1.45 | 28.58 0.59 -9.51 | 21.15 0.51 0.00 | 19.99 0.42 0.00 | 20.52 0.51 0.00 | 22.93 0.62 0.00 | 22.44 0.66 0.00 | 19.59 0.58 0.00 | 18.55 0.62 0.00 | 18.50 0.63 0.00 | 18.32 0.53 0.00 | 18.11 0.65 0.00 | 17.33 0.72 0.00 | 19.17 0.78 0.00 | 20.98 0.78 -0.83 | 20.48 0.68 0.00 | 23.37 0.54 0.00 | 21.46 0.45 0.00 | 19.49 0.43 0.00 |
| EMPIRE_CC_2 323658 | 20.64 0.67 -0.86 | 23.44 0.66 -6.19 | 19.06 0.67 -2.66 | 20.56 0.64 -4.58 | 18.41 0.66 -1.97 | 18.47 0.63 -1.45 | 28.58 0.59 -9.51 | 21.15 0.51 0.00 | 19.99 0.42 0.00 | 20.52 0.51 0.00 | 22.93 0.62 0.00 | 22.44 0.66 0.00 | 19.59 0.58 0.00 | 18.55 0.62 0.00 | 18.50 0.63 0.00 | 18.32 0.53 0.00 | 18.11 0.65 0.00 | 17.33 0.72 0.00 | 19.17 0.78 0.00 | 20.98 0.78 -0.83 | 20.48 0.68 0.00 | 23.37 0.54 0.00 | 21.46 0.45 0.00 | 19.49 0.43 0.00 |
| ENORWICH_115KV_TB1 80156 | 20.36 1.24 0.00 | 17.64 1.04 0.00 | 16.67 0.93 0.00 | 16.26 0.93 0.00 | 16.77 0.99 0.00 | 17.49 1.11 0.00 | 19.89 1.42 0.00 | 22.39 1.75 0.00 | 21.28 1.70 0.00 | 21.81 1.80 0.00 | 24.21 1.90 0.00 | 23.42 1.65 0.00 | 20.50 1.49 0.00 | 19.24 1.31 0.00 | 19.14 1.26 0.00 | 18.93 1.14 0.00 | 18.65 1.19 0.00 | 17.86 1.25 0.00 | 19.90 1.51 0.00 | 21.10 1.74 0.00 | 21.64 1.84 0.00 | 24.82 1.99 0.00 | 22.78 1.77 0.00 | 20.44 1.39 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 18.83 -0.29 0.00 | 16.37 -0.23 0.00 | 15.50 -0.23 0.00 | 15.15 -0.18 0.00 | 15.59 -0.19 0.00 | 16.24 -0.15 0.00 | 18.37 -0.10 0.00 | 20.68 0.03 0.00 | 19.65 0.07 0.00 | 20.31 0.31 0.00 | 22.80 0.49 0.00 | 22.22 0.45 0.00 | 19.53 0.51 0.00 | 18.31 0.38 0.00 | 18.23 0.35 0.00 | 18.07 0.28 0.00 | 17.72 0.26 0.00 | 16.77 0.16 0.00 | 18.80 0.41 0.00 | 20.00 0.63 0.00 | 20.29 0.50 0.00 | 23.30 0.48 0.00 | 21.74 0.73 0.00 | 19.51 0.46 0.00 |
| ERIE_WT_PWR 323693 | 18.72 -0.40 0.00 | 16.30 -0.30 0.00 | 15.42 -0.32 0.00 | 15.07 -0.27 0.00 | 15.51 -0.27 0.00 | 16.16 -0.22 0.00 | 18.27 -0.20 0.00 | 20.52 -0.12 0.00 | 19.53 -0.05 0.00 | 20.16 0.15 0.00 | 22.64 0.33 0.00 | 22.10 0.33 0.00 | 19.39 0.38 0.00 | 18.19 0.26 0.00 | 18.10 0.22 0.00 | 17.91 0.12 0.00 | 17.56 0.10 0.00 | 16.57 -0.04 0.00 | 18.58 0.19 0.00 | 19.78 0.41 0.00 | 20.08 0.28 0.00 | 23.07 0.25 0.00 | 21.54 0.53 0.00 | 19.33 0.28 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 19.80 0.64 -0.05 | 17.45 0.53 -0.32 | 16.36 0.49 -0.14 | 16.05 0.47 -0.24 | 16.38 0.49 -0.10 | 16.99 0.53 -0.07 | 19.60 0.63 -0.49 | 21.40 0.75 0.00 | 20.33 0.75 0.00 | 20.83 0.83 0.00 | 23.26 0.95 0.00 | 22.69 0.92 0.00 | 19.83 0.81 0.00 | 18.72 0.78 0.00 | 18.67 0.79 0.00 | 18.62 0.84 0.00 | 18.43 0.97 0.00 | 17.62 1.01 0.00 | 19.52 1.13 0.00 | 20.63 1.13 -0.13 | 20.98 1.18 0.00 | 24.20 1.37 0.00 | 22.36 1.35 0.00 | 20.01 0.96 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.43 0.31 0.00 | 16.84 0.24 0.00 | 15.95 0.21 0.00 | 15.56 0.22 0.00 | 16.01 0.23 0.00 | 16.64 0.26 0.00 | 18.80 0.33 0.00 | 21.09 0.45 0.00 | 20.03 0.46 0.00 | 20.51 0.51 0.00 | 22.86 0.55 0.00 | 22.22 0.45 0.00 | 19.43 0.41 0.00 | 18.26 0.33 0.00 | 18.19 0.31 0.00 | 18.08 0.29 0.00 | 17.78 0.32 0.00 | 16.98 0.37 0.00 | 18.90 0.50 0.00 | 20.03 0.66 0.00 | 20.49 0.69 0.00 | 23.50 0.68 0.00 | 21.63 0.62 0.00 | 19.53 0.48 0.00 |
| ETNA____115KV_TB2 80207 | 19.43 0.31 0.00 | 16.84 0.24 0.00 | 15.95 0.21 0.00 | 15.56 0.22 0.00 | 16.01 0.23 0.00 | 16.64 0.26 0.00 | 18.80 0.33 0.00 | 21.09 0.45 0.00 | 20.03 0.46 0.00 | 20.51 0.51 0.00 | 22.86 0.55 0.00 | 22.22 0.45 0.00 | 19.43 0.41 0.00 | 18.26 0.33 0.00 | 18.19 0.31 0.00 | 18.08 0.29 0.00 | 17.78 0.32 0.00 | 16.98 0.37 0.00 | 18.90 0.50 0.00 | 20.03 0.66 0.00 | 20.49 0.69 0.00 | 23.50 0.68 0.00 | 21.63 0.62 0.00 | 19.53 0.48 0.00 |
| EUCLID____115KV_TB2 356179 | 18.90 -0.22 0.00 | 16.40 -0.20 0.00 | 15.53 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.20 0.00 | 16.19 -0.20 0.00 | 18.24 -0.23 0.00 | 20.39 -0.25 0.00 | 19.36 -0.22 0.00 | 19.83 -0.18 0.00 | 22.09 -0.21 0.00 | 21.53 -0.25 0.00 | 18.81 -0.21 0.00 | 17.74 -0.20 0.00 | 15.66 -0.20 2.02 | 17.57 -0.21 0.00 | 17.28 -0.18 0.00 | 16.45 -0.16 0.00 | 18.27 -0.12 0.00 | 19.28 -0.08 0.00 | 19.69 -0.11 0.00 | 22.60 -0.22 0.00 | 20.84 -0.17 0.00 | 18.93 -0.12 0.00 |
| E_CANADA_CAP_HY 24051 | 21.65 0.89 -1.64 | 28.85 0.41 -11.85 | 21.46 0.63 -5.09 | 24.76 0.65 -8.77 | 20.22 0.66 -3.78 | 19.95 0.79 -2.77 | 37.72 1.04 -18.21 | 22.00 1.36 0.00 | 20.34 0.77 0.00 | 21.28 1.27 0.00 | 23.74 1.43 0.00 | 23.13 1.36 0.00 | 20.17 1.15 0.00 | 19.00 1.07 0.00 | 18.96 1.08 0.00 | 18.91 1.13 0.00 | 18.45 0.99 0.00 | 17.66 1.05 0.00 | 19.60 1.21 0.00 | 20.74 1.20 -0.17 | 21.06 1.26 0.00 | 24.35 1.53 0.00 | 22.56 1.55 0.00 | 20.14 1.09 0.00 |
| E_CANADA_MHWK_HY 24050 | 19.51 0.39 0.00 | 16.98 0.38 0.00 | 16.09 0.36 0.00 | 15.69 0.35 0.00 | 16.17 0.39 0.00 | 16.78 0.40 0.00 | 18.92 0.45 0.00 | 21.02 0.38 0.00 | 19.72 0.14 0.00 | 20.17 0.16 0.00 | 22.50 0.19 0.00 | 22.00 0.23 0.00 | 19.12 0.10 0.00 | 18.06 0.12 0.00 | 16.41 0.15 1.62 | 17.88 0.10 0.00 | 17.59 0.13 0.00 | 16.85 0.24 0.00 | 18.73 0.34 0.00 | 19.87 0.51 0.00 | 20.31 0.51 0.00 | 23.23 0.40 0.00 | 21.30 0.30 0.00 | 19.25 0.20 0.00 |
| E_FISHKILL____LBMP 23776 | 20.08 0.81 -0.15 | 18.32 0.66 -1.05 | 16.80 0.61 -0.45 | 16.69 0.57 -0.78 | 16.70 0.59 -0.34 | 17.22 0.59 -0.25 | 20.76 0.67 -1.62 | 21.42 0.77 0.00 | 20.34 0.77 0.00 | 20.87 0.87 0.00 | 23.36 1.05 0.00 | 22.81 1.03 0.00 | 19.93 0.91 0.00 | 18.85 0.91 0.00 | 18.85 0.97 0.00 | 18.83 1.04 0.00 | 18.58 1.12 0.00 | 17.75 1.15 0.00 | 19.56 1.17 0.00 | 20.55 1.19 0.00 | 21.01 1.21 0.00 | 24.03 1.21 0.00 | 22.04 1.03 0.00 | 19.87 0.81 0.00 |
| FALCON____SEABRD_CC1 323796 | 19.99 0.87 0.00 | 17.26 0.66 0.00 | 16.34 0.60 0.00 | 15.95 0.61 0.00 | 16.44 0.66 0.00 | 17.08 0.70 0.00 | 19.36 0.88 0.00 | 21.68 1.04 0.00 | 20.40 0.82 0.00 | 20.46 0.45 0.00 | 22.82 0.51 0.00 | 22.25 0.48 0.00 | 19.35 0.34 0.00 | 18.16 0.23 0.00 | 12.22 0.20 5.87 | 17.88 0.10 0.00 | 17.30 -0.15 0.00 | 16.59 -0.02 0.00 | 18.30 -0.09 0.00 | 19.28 -0.08 0.00 | 19.71 -0.08 0.00 | 22.75 -0.08 0.00 | 20.97 -0.04 0.00 | 19.22 0.17 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FALCON___SEABRD_CC2 323797 | 19.99 0.87 0.00 | 17.26 0.66 0.00 | 16.34 0.60 0.00 | 15.95 0.61 0.00 | 16.44 0.66 0.00 | 17.08 0.70 0.00 | 19.36 0.88 0.00 | 21.68 1.04 0.00 | 20.40 0.82 0.00 | 20.46 0.45 0.00 | 22.82 0.51 0.00 | 22.25 0.48 0.00 | 19.35 0.34 0.00 | 18.16 0.23 0.00 | 12.22 0.20 5.87 | 17.88 0.10 0.00 | 17.30 -0.15 0.00 | 16.59 -0.02 0.00 | 18.30 -0.09 0.00 | 19.28 -0.08 0.00 | 19.71 -0.08 0.00 | 22.75 -0.08 0.00 | 20.97 -0.04 0.00 | 19.22 0.17 0.00 |
| FAR ROCKAWAY___4 23548 | 21.78 1.56 -1.10 | 18.88 1.26 -1.02 | 17.31 1.13 -0.44 | 17.16 1.06 -0.76 | 17.22 1.11 -0.33 | 17.78 1.16 -0.24 | 21.37 1.32 -1.57 | 22.11 1.47 0.00 | 76.56 1.32 -55.66 | 40.17 1.68 -18.48 | 36.30 1.84 -12.16 | 63.46 1.72 -39.97 | 20.68 1.67 0.00 | 22.15 1.67 -2.55 | 27.09 1.74 -7.47 | 29.68 1.82 -10.07 | 21.11 1.89 -1.76 | 19.63 1.90 -1.13 | 20.37 1.97 0.00 | 21.24 1.87 0.00 | 21.82 2.02 0.00 | 24.91 2.08 0.00 | 22.84 1.83 0.00 | 20.53 1.48 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 20.34 1.08 -0.14 | 18.51 0.89 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.88 0.77 -0.33 | 17.41 0.79 -0.24 | 20.90 0.85 -1.57 | 21.67 1.03 0.00 | 20.63 1.06 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.40 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.14 1.26 0.00 | 19.15 1.37 0.00 | 18.88 1.42 0.00 | 18.03 1.42 0.00 | 19.85 1.46 0.00 | 20.83 1.47 0.00 | 21.33 1.54 0.00 | 24.41 1.59 0.00 | 22.41 1.40 0.00 | 20.15 1.10 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 20.34 1.08 -0.14 | 18.51 0.89 -1.02 | 17.00 0.82 -0.44 | 16.86 0.76 -0.76 | 16.89 0.78 -0.33 | 17.42 0.79 -0.24 | 20.90 0.86 -1.57 | 21.67 1.03 0.00 | 20.63 1.06 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.40 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.14 1.26 0.00 | 19.15 1.37 0.00 | 18.88 1.42 0.00 | 18.03 1.42 0.00 | 19.85 1.46 0.00 | 20.84 1.48 0.00 | 21.33 1.54 0.00 | 24.42 1.59 0.00 | 22.42 1.41 0.00 | 20.15 1.10 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 20.33 1.07 -0.14 | 18.50 0.88 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.41 0.78 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.62 1.05 0.00 | 21.19 1.18 0.00 | 23.75 1.44 0.00 | 23.16 1.39 0.00 | 20.23 1.21 0.00 | 19.12 1.19 0.00 | 19.13 1.25 0.00 | 19.15 1.36 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.83 1.45 0.00 | 20.82 1.46 0.00 | 21.32 1.53 0.00 | 24.40 1.58 0.00 | 22.40 1.39 0.00 | 20.14 1.09 0.00 |
| FARRAGUT___LBMP 323566 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.98 0.80 -0.44 | 16.84 0.74 -0.76 | 16.86 0.76 -0.33 | 17.40 0.77 -0.24 | 20.87 0.83 -1.57 | 21.64 1.00 0.00 | 20.60 1.03 0.00 | 21.17 1.16 0.00 | 23.72 1.41 0.00 | 23.13 1.36 0.00 | 20.21 1.19 0.00 | 19.10 1.17 0.00 | 19.11 1.23 0.00 | 19.12 1.34 0.00 | 18.85 1.39 0.00 | 18.00 1.39 0.00 | 19.81 1.43 0.00 | 20.81 1.45 0.00 | 21.30 1.51 0.00 | 24.38 1.56 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| FENNER___WINDPWR 24204 | 19.49 0.37 0.00 | 16.91 0.31 0.00 | 16.02 0.28 0.00 | 15.61 0.28 0.00 | 16.07 0.29 0.00 | 16.72 0.33 0.00 | 18.89 0.41 0.00 | 21.14 0.49 0.00 | 20.07 0.50 0.00 | 20.53 0.53 0.00 | 22.88 0.57 0.00 | 22.25 0.48 0.00 | 19.45 0.43 0.00 | 18.33 0.39 0.00 | 15.40 0.38 2.85 | 18.16 0.38 0.00 | 17.83 0.37 0.00 | 16.98 0.37 0.00 | 18.85 0.46 0.00 | 19.94 0.58 0.00 | 20.42 0.62 0.00 | 23.47 0.65 0.00 | 21.58 0.56 0.00 | 19.50 0.45 0.00 |
| FIBERTEK___ENERGY 23856 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| FITZPATRICK____ 23598 | 18.65 -0.47 0.00 | 16.20 -0.40 0.00 | 15.34 -0.39 0.00 | 14.96 -0.38 0.00 | 15.39 -0.39 0.00 | 15.98 -0.41 0.00 | 17.99 -0.48 0.00 | 20.09 -0.55 0.00 | 19.07 -0.51 0.00 | 19.52 -0.49 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.49 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.17 -0.44 0.00 | 17.94 -0.45 0.00 | 18.93 -0.44 0.00 | 19.32 -0.47 0.00 | 22.20 -0.62 0.00 | 20.47 -0.54 0.00 | 18.65 -0.40 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 21.91 1.69 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.22 -0.24 | 21.45 1.41 -1.57 | 22.15 1.51 0.00 | 74.18 1.24 -53.36 | 40.00 1.51 -18.48 | 36.32 1.85 -12.16 | 63.36 1.62 -39.97 | 20.54 1.52 0.00 | 22.04 1.56 -2.55 | 27.00 1.66 -7.47 | 29.62 1.75 -10.07 | 21.03 1.81 -1.76 | 19.48 1.75 -1.13 | 20.15 1.76 0.00 | 20.94 1.57 0.00 | 21.69 1.90 0.00 | 24.67 1.85 0.00 | 22.64 1.63 0.00 | 20.38 1.32 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 20.28 1.01 -0.15 | 18.51 0.82 -1.08 | 16.95 0.75 -0.46 | 16.85 0.71 -0.80 | 16.86 0.73 -0.34 | 17.39 0.75 -0.25 | 21.01 0.87 -1.66 | 21.67 1.03 0.00 | 20.57 1.00 0.00 | 21.11 1.10 0.00 | 23.66 1.35 0.00 | 23.13 1.36 0.00 | 20.22 1.20 0.00 | 19.10 1.17 0.00 | 19.12 1.24 0.00 | 19.11 1.32 0.00 | 18.87 1.41 0.00 | 18.04 1.43 0.00 | 19.90 1.51 0.00 | 20.91 1.54 0.00 | 21.36 1.57 0.00 | 24.43 1.60 0.00 | 22.38 1.38 0.00 | 20.14 1.08 0.00 |
| FORT ORANGE____ 23900 | 20.71 0.71 -0.88 | 23.61 0.65 -6.36 | 19.11 0.65 -2.73 | 20.66 0.62 -4.71 | 18.45 0.64 -2.03 | 18.52 0.65 -1.49 | 28.87 0.63 -9.77 | 21.07 0.43 0.00 | 19.92 0.34 0.00 | 20.34 0.33 0.00 | 22.65 0.34 0.00 | 22.23 0.46 0.00 | 19.46 0.44 0.00 | 18.37 0.43 0.00 | 18.33 0.45 0.00 | 18.21 0.43 0.00 | 17.94 0.48 0.00 | 17.15 0.54 0.00 | 19.01 0.62 0.00 | 18.72 0.69 1.34 | 20.46 0.66 0.00 | 23.41 0.58 0.00 | 21.45 0.44 0.00 | 19.45 0.39 0.00 |
| FORT_DRUM_COGEN 23780 | 19.56 0.45 0.00 | 16.98 0.38 0.00 | 16.10 0.36 0.00 | 15.71 0.37 0.00 | 16.18 0.40 0.00 | 16.81 0.43 0.00 | 19.04 0.57 0.00 | 21.30 0.65 0.00 | 20.20 0.63 0.00 | 20.61 0.60 0.00 | 22.84 0.54 0.00 | 22.26 0.49 0.00 | 19.43 0.41 0.00 | 18.11 0.17 0.00 | -1.61 0.05 19.54 | 17.79 0.00 0.00 | 17.29 -0.16 0.00 | 16.46 -0.15 0.00 | 18.37 -0.02 0.00 | 19.60 0.24 0.00 | 20.38 0.59 0.00 | 23.52 0.69 0.00 | 21.46 0.46 0.00 | 19.40 0.35 0.00 |
| FOX_HILLS___ESR 323835 | 20.33 1.07 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.37 0.75 -0.24 | 20.87 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.00 0.00 | 21.11 1.10 0.00 | 23.66 1.36 0.00 | 23.10 1.33 0.00 | 20.17 1.15 0.00 | 19.08 1.14 0.00 | 19.10 1.22 0.00 | 19.12 1.34 0.00 | 18.86 1.40 0.00 | 18.02 1.41 0.00 | 19.84 1.45 0.00 | 20.84 1.48 0.00 | 21.34 1.55 0.00 | 24.45 1.62 0.00 | 22.45 1.44 0.00 | 20.17 1.12 0.00 |
| FPL FAR_ROCK_GT1 24212 | 21.78 1.56 -1.10 | 18.88 1.26 -1.02 | 17.31 1.13 -0.44 | 17.16 1.06 -0.76 | 17.22 1.11 -0.33 | 17.77 1.15 -0.24 | 21.36 1.32 -1.57 | 22.11 1.47 0.00 | 76.56 1.31 -55.66 | 40.17 1.68 -18.48 | 36.30 1.84 -12.16 | 63.46 1.72 -39.97 | 20.68 1.66 0.00 | 22.15 1.67 -2.55 | 27.09 1.74 -7.47 | 29.68 1.82 -10.07 | 21.11 1.89 -1.76 | 19.63 1.90 -1.13 | 20.37 1.98 0.00 | 21.24 1.88 0.00 | 21.81 2.02 0.00 | 24.91 2.08 0.00 | 22.84 1.83 0.00 | 20.53 1.48 0.00 |

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|-------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FPL FAR_ROCK_GT2 23815 | 21.78 1.56 -1.10 | 18.88 1.26 -1.02 | 17.31 1.13 -0.44 | 17.16 1.06 -0.76 | 17.22 1.11 -0.33 | 17.77 1.15 -0.24 | 21.36 1.32 -1.57 | 22.11 1.47 0.00 | 76.56 1.31 -55.66 | 40.17 1.68 -18.48 | 36.30 1.84 -12.16 | 63.46 1.72 -39.97 | 20.68 1.66 0.00 | 22.15 1.67 -2.55 | 27.09 1.74 -7.47 | 29.68 1.82 -10.07 | 21.11 1.89 -1.76 | 19.63 1.90 -1.13 | 20.37 1.98 0.00 | 21.24 1.88 0.00 | 21.81 2.02 0.00 | 24.91 2.08 0.00 | 22.84 1.83 0.00 | 20.53 1.48 0.00 |
| FRANKLIN_FALL_HYD 24054 | 19.43 0.31 0.00 | 16.88 0.28 0.00 | 16.04 0.30 0.00 | 15.64 0.30 0.00 | 16.11 0.33 0.00 | 16.68 0.30 0.00 | 18.88 0.41 0.00 | 21.15 0.51 0.00 | 19.95 0.38 0.00 | 20.13 0.12 0.00 | 22.44 0.13 0.00 | 21.91 0.14 0.00 | 19.10 0.09 0.00 | 17.89 -0.04 0.00 | -8.45 -0.12 26.20 | 17.60 -0.18 0.00 | 17.12 -0.34 0.00 | 16.34 -0.27 0.00 | 18.09 -0.30 0.00 | 18.97 -0.39 0.00 | 19.46 -0.34 0.00 | 22.62 -0.21 0.00 | 20.85 -0.16 0.00 | 18.95 -0.10 0.00 |
| FREEPORT_EQUS_GT1 23764 | 21.67 1.45 -1.10 | 18.78 1.16 -1.02 | 17.21 1.03 -0.44 | 17.06 0.96 -0.76 | 17.12 1.01 -0.33 | 17.67 1.05 -0.24 | 21.24 1.20 -1.57 | 21.97 1.33 0.00 | 73.32 1.16 -52.58 | 40.00 1.51 -18.48 | 36.28 1.82 -12.16 | 63.29 1.56 -39.97 | 20.48 1.46 0.00 | 21.98 1.50 -2.55 | 26.92 1.57 -7.47 | 29.53 1.67 -10.07 | 20.94 1.72 -1.76 | 19.47 1.74 -1.13 | 20.17 1.78 0.00 | 21.03 1.67 0.00 | 21.62 1.83 0.00 | 24.68 1.86 0.00 | 22.67 1.66 0.00 | 20.39 1.33 0.00 |
| FREEPORT___CT2 23818 | 21.67 1.45 -1.10 | 18.78 1.16 -1.02 | 17.21 1.03 -0.44 | 17.06 0.96 -0.76 | 17.12 1.01 -0.33 | 17.67 1.05 -0.24 | 21.24 1.20 -1.57 | 21.97 1.33 0.00 | 73.32 1.16 -52.58 | 40.00 1.51 -18.48 | 36.28 1.82 -12.16 | 63.29 1.56 -39.97 | 20.48 1.46 0.00 | 21.98 1.50 -2.55 | 26.92 1.57 -7.47 | 29.53 1.67 -10.07 | 20.94 1.72 -1.76 | 19.47 1.74 -1.13 | 20.17 1.78 0.00 | 21.03 1.67 0.00 | 21.62 1.83 0.00 | 24.68 1.86 0.00 | 22.67 1.66 0.00 | 20.39 1.33 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 20.30 1.04 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.80 0.71 -0.76 | 16.82 0.71 -0.33 | 17.35 0.72 -0.24 | 20.84 0.80 -1.57 | 21.59 0.94 0.00 | 20.54 0.96 0.00 | 21.06 1.05 0.00 | 23.63 1.32 0.00 | 23.06 1.29 0.00 | 20.13 1.11 0.00 | 19.04 1.10 0.00 | 19.05 1.18 0.00 | 19.09 1.30 0.00 | 18.83 1.37 0.00 | 17.99 1.38 0.00 | 19.81 1.43 0.00 | 20.83 1.46 0.00 | 21.33 1.54 0.00 | 24.44 1.62 0.00 | 22.45 1.44 0.00 | 20.17 1.12 0.00 |
| FULTON COGEN____ 23766 | 18.87 -0.25 0.00 | 16.37 -0.23 0.00 | 15.51 -0.23 0.00 | 15.12 -0.22 0.00 | 15.56 -0.22 0.00 | 16.16 -0.22 0.00 | 18.21 -0.26 0.00 | 20.36 -0.29 0.00 | 19.32 -0.26 0.00 | 19.79 -0.22 0.00 | 22.04 -0.27 0.00 | 21.49 -0.29 0.00 | 18.76 -0.26 0.00 | 17.69 -0.24 0.00 | 15.15 -0.26 2.46 | 17.51 -0.28 0.00 | 17.22 -0.24 0.00 | 16.40 -0.21 0.00 | 18.22 -0.17 0.00 | 19.25 -0.12 0.00 | 19.65 -0.15 0.00 | 22.55 -0.27 0.00 | 20.78 -0.23 0.00 | 18.89 -0.16 0.00 |
| FULTON___LFGE 323630 | 22.08 1.32 -1.64 | 29.30 0.85 -11.85 | 21.88 1.05 -5.09 | 25.19 1.08 -8.77 | 20.67 1.11 -3.78 | 20.43 1.27 -2.77 | 38.21 1.53 -18.21 | 22.27 1.63 0.00 | 19.72 0.15 0.00 | 20.67 0.66 0.00 | 23.16 0.85 0.00 | 22.68 0.91 0.00 | 19.62 0.60 0.00 | 18.37 0.43 0.00 | 18.48 0.60 0.00 | 18.85 1.06 0.00 | 17.99 0.53 0.00 | 18.19 1.58 0.00 | 20.22 1.83 0.00 | 21.57 2.00 -0.21 | 21.95 2.16 0.00 | 25.19 2.37 0.00 | 23.05 2.04 0.00 | 20.38 1.33 0.00 |
| G.F.CEMENT___DRP 24184 | 21.97 1.32 -1.53 | 28.85 1.16 -11.09 | 21.60 1.10 -4.76 | 24.65 1.10 -8.21 | 20.48 1.16 -3.54 | 20.19 1.21 -2.59 | 36.90 1.38 -17.04 | 22.11 1.47 0.00 | 20.91 1.33 0.00 | 21.31 1.30 0.00 | 23.65 1.34 0.00 | 23.15 1.37 0.00 | 19.99 0.97 0.00 | 18.77 0.84 0.00 | 18.59 0.71 0.00 | 18.44 0.66 0.00 | 18.24 0.78 0.00 | 17.48 0.87 0.00 | 19.56 1.17 0.00 | 21.15 1.34 -0.45 | 21.18 1.38 0.00 | 24.26 1.44 0.00 | 22.19 1.19 0.00 | 20.02 0.97 0.00 |
| GARDENVILLE___LBMP 24039 | 18.66 -0.46 0.00 | 16.22 -0.37 0.00 | 15.38 -0.36 0.00 | 15.03 -0.31 0.00 | 15.46 -0.32 0.00 | 16.11 -0.28 0.00 | 18.21 -0.27 0.00 | 20.46 -0.18 0.00 | 19.47 -0.11 0.00 | 20.10 0.09 0.00 | 22.57 0.26 0.00 | 22.02 0.25 0.00 | 19.33 0.32 0.00 | 18.14 0.20 0.00 | 18.04 0.16 0.00 | 17.85 0.07 0.00 | 17.50 0.04 0.00 | 16.52 -0.09 0.00 | 18.51 0.12 0.00 | 19.71 0.35 0.00 | 20.01 0.21 0.00 | 22.98 0.15 0.00 | 21.47 0.46 0.00 | 19.27 0.22 0.00 |
| GARDNVLA_35_KV_LD 355827 | 18.74 -0.38 0.00 | 16.28 -0.31 0.00 | 15.43 -0.30 0.00 | 15.09 -0.25 0.00 | 15.51 -0.27 0.00 | 16.16 -0.22 0.00 | 18.28 -0.19 0.00 | 20.55 -0.10 0.00 | 19.55 -0.03 0.00 | 20.19 0.18 0.00 | 22.68 0.37 0.00 | 22.13 0.36 0.00 | 19.43 0.42 0.00 | 18.23 0.29 0.00 | 18.13 0.25 0.00 | 17.95 0.16 0.00 | 17.60 0.14 0.00 | 16.60 -0.01 0.00 | 18.61 0.22 0.00 | 19.82 0.45 0.00 | 20.12 0.32 0.00 | 23.10 0.28 0.00 | 21.58 0.57 0.00 | 19.36 0.31 0.00 |
| GELCKHM___115KV_LOAD 80723 | 18.97 -0.15 0.00 | 16.45 -0.15 0.00 | 15.59 -0.15 0.00 | 15.19 -0.14 0.00 | 15.64 -0.15 0.00 | 16.25 -0.14 0.00 | 18.30 -0.17 0.00 | 20.45 -0.20 0.00 | 19.40 -0.17 0.00 | 19.87 -0.14 0.00 | 22.12 -0.19 0.00 | 21.54 -0.23 0.00 | 18.81 -0.21 0.00 | 17.74 -0.20 0.00 | 15.79 -0.20 1.90 | 17.58 -0.21 0.00 | 17.31 -0.15 0.00 | 16.52 -0.10 0.00 | 18.34 -0.04 0.00 | 19.36 0.00 0.00 | 19.77 -0.03 0.00 | 22.70 -0.13 0.00 | 20.91 -0.10 0.00 | 19.01 -0.05 0.00 |
| GENERAL___MILLS 23808 | 18.71 -0.41 0.00 | 16.26 -0.34 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.49 -0.29 0.00 | 16.14 -0.25 0.00 | 18.24 -0.23 0.00 | 20.51 -0.13 0.00 | 19.51 -0.06 0.00 | 20.15 0.14 0.00 | 22.62 0.31 0.00 | 22.07 0.30 0.00 | 19.38 0.36 0.00 | 18.18 0.25 0.00 | 18.09 0.21 0.00 | 17.90 0.11 0.00 | 17.55 0.09 0.00 | 16.56 -0.05 0.00 | 18.56 0.17 0.00 | 19.76 0.40 0.00 | 20.07 0.27 0.00 | 23.05 0.22 0.00 | 21.53 0.52 0.00 | 19.32 0.27 0.00 |
| GE_PLASTICS___DRP 24183 | 20.36 0.53 -0.71 | 22.19 0.48 -5.10 | 18.39 0.46 -2.19 | 19.56 0.44 -3.78 | 17.87 0.46 -1.63 | 18.04 0.46 -1.19 | 26.77 0.45 -7.84 | 20.98 0.34 0.00 | 19.88 0.30 0.00 | 20.32 0.32 0.00 | 22.65 0.34 0.00 | 22.18 0.42 0.00 | 19.40 0.39 0.00 | 18.32 0.39 0.00 | 18.29 0.42 0.00 | 18.20 0.42 0.00 | 17.92 0.47 0.00 | 17.12 0.51 0.00 | 18.93 0.54 0.00 | 19.12 0.59 0.83 | 20.37 0.57 0.00 | 23.32 0.50 0.00 | 21.40 0.39 0.00 | 19.40 0.34 0.00 |
| GILBOA___1 23756 | 19.61 0.42 -0.07 | 17.47 0.35 -0.52 | 16.28 0.32 -0.22 | 16.03 0.31 -0.38 | 16.26 0.31 -0.16 | 16.83 0.32 -0.12 | 19.62 0.35 -0.79 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.82 0.51 0.00 | 22.27 0.50 0.00 | 19.46 0.45 0.00 | 18.38 0.45 0.00 | 18.36 0.48 0.00 | 18.29 0.51 0.00 | 18.01 0.55 0.00 | 17.19 0.58 0.00 | 19.00 0.61 0.00 | 20.02 0.65 0.00 | 20.45 0.66 0.00 | 23.44 0.61 0.00 | 21.53 0.52 0.00 | 19.46 0.41 0.00 |
| GILBOA___2 23757 | 19.61 0.42 -0.07 | 17.47 0.35 -0.52 | 16.28 0.32 -0.22 | 16.03 0.31 -0.38 | 16.26 0.31 -0.16 | 16.83 0.32 -0.12 | 19.62 0.35 -0.79 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.82 0.51 0.00 | 22.27 0.50 0.00 | 19.46 0.45 0.00 | 18.38 0.45 0.00 | 18.36 0.48 0.00 | 18.29 0.51 0.00 | 18.01 0.55 0.00 | 17.19 0.58 0.00 | 19.00 0.61 0.00 | 20.02 0.65 0.00 | 20.45 0.66 0.00 | 23.44 0.61 0.00 | 21.53 0.52 0.00 | 19.46 0.41 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___3 23758 | 19.61 0.42 -0.07 | 17.47 0.35 -0.52 | 16.28 0.32 -0.22 | 16.03 0.31 -0.38 | 16.26 0.31 -0.16 | 16.83 0.32 -0.12 | 19.62 0.35 -0.79 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.82 0.51 0.00 | 22.27 0.50 0.00 | 19.46 0.45 0.00 | 18.38 0.45 0.00 | 18.36 0.48 0.00 | 18.29 0.51 0.00 | 18.01 0.55 0.00 | 17.19 0.58 0.00 | 19.00 0.61 0.00 | 20.02 0.65 0.00 | 20.45 0.66 0.00 | 23.44 0.61 0.00 | 21.53 0.52 0.00 | 19.46 0.41 0.00 |
| GILBOA___4 23759 | 19.61 0.42 -0.07 | 17.47 0.35 -0.52 | 16.28 0.32 -0.22 | 16.03 0.31 -0.38 | 16.26 0.31 -0.16 | 16.83 0.32 -0.12 | 19.62 0.35 -0.79 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.82 0.51 0.00 | 22.27 0.50 0.00 | 19.46 0.45 0.00 | 18.38 0.45 0.00 | 18.36 0.48 0.00 | 18.29 0.51 0.00 | 18.01 0.55 0.00 | 17.19 0.58 0.00 | 19.00 0.61 0.00 | 20.02 0.65 0.00 | 20.45 0.66 0.00 | 23.44 0.61 0.00 | 21.53 0.52 0.00 | 19.46 0.41 0.00 |
| GILBOA___ 23599 | 19.61 0.42 -0.07 | 17.47 0.35 -0.52 | 16.28 0.32 -0.22 | 16.03 0.31 -0.38 | 16.26 0.31 -0.16 | 16.83 0.32 -0.12 | 19.62 0.35 -0.79 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.81 0.51 0.00 | 22.28 0.51 0.00 | 19.46 0.45 0.00 | 18.38 0.45 0.00 | 18.36 0.48 0.00 | 18.29 0.51 0.00 | 18.01 0.55 0.00 | 17.19 0.58 0.00 | 19.00 0.61 0.00 | 20.02 0.65 0.00 | 20.45 0.66 0.00 | 23.44 0.61 0.00 | 21.53 0.52 0.00 | 19.46 0.41 0.00 |
| GINNA___ 23603 | 18.04 -1.08 0.00 | 15.69 -0.91 0.00 | 14.85 -0.89 0.00 | 14.48 -0.85 0.00 | 14.90 -0.88 0.00 | 15.53 -0.86 0.00 | 17.52 -0.95 0.00 | 19.64 -1.00 0.00 | 18.64 -0.94 0.00 | 19.13 -0.87 0.00 | 21.37 -0.94 0.00 | 20.91 -0.86 0.00 | 18.31 -0.70 0.00 | 17.20 -0.73 0.00 | 17.12 -0.76 0.00 | 16.98 -0.81 0.00 | 16.68 -0.78 0.00 | 15.78 -0.83 0.00 | 17.69 -0.70 0.00 | 18.81 -0.55 0.00 | 19.15 -0.65 0.00 | 21.97 -0.86 0.00 | 20.33 -0.68 0.00 | 18.37 -0.68 0.00 |
| GLEN PARK___ 23778 | 19.61 0.49 0.00 | 17.01 0.42 0.00 | 16.13 0.39 0.00 | 15.74 0.40 0.00 | 16.21 0.43 0.00 | 16.86 0.47 0.00 | 19.09 0.62 0.00 | 21.35 0.71 0.00 | 20.25 0.68 0.00 | 20.66 0.65 0.00 | 22.89 0.58 0.00 | 22.33 0.55 0.00 | 19.47 0.46 0.00 | 18.12 0.18 0.00 | -0.61 0.05 18.54 | 17.79 0.00 0.00 | 17.26 -0.20 0.00 | 16.44 -0.17 0.00 | 18.37 -0.02 0.00 | 19.62 0.26 0.00 | 20.46 0.67 0.00 | 23.62 0.80 0.00 | 21.56 0.55 0.00 | 19.48 0.43 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 20.42 1.16 -0.14 | 18.58 0.96 -1.02 | 17.06 0.89 -0.44 | 16.92 0.82 -0.76 | 16.95 0.84 -0.33 | 17.47 0.85 -0.24 | 20.97 0.93 -1.57 | 21.76 1.12 0.00 | 20.73 1.15 0.00 | 21.29 1.28 0.00 | 23.86 1.55 0.00 | 23.28 1.51 0.00 | 20.33 1.31 0.00 | 19.22 1.28 0.00 | 19.24 1.36 0.00 | 19.26 1.47 0.00 | 18.99 1.53 0.00 | 18.13 1.52 0.00 | 19.93 1.54 0.00 | 20.93 1.56 0.00 | 21.43 1.63 0.00 | 24.53 1.71 0.00 | 22.52 1.51 0.00 | 20.23 1.18 0.00 |
| GLENWOOD_IC_1_G5 23712 | 21.47 1.25 -1.10 | 18.63 1.01 -1.02 | 17.09 0.91 -0.44 | 16.95 0.85 -0.76 | 17.00 0.89 -0.33 | 17.54 0.91 -0.24 | 21.08 1.04 -1.57 | 21.83 1.19 0.00 | 74.57 1.11 -53.88 | 39.74 1.25 -18.48 | 36.05 1.58 -12.16 | 63.30 1.56 -39.97 | 20.43 1.41 0.00 | 21.88 1.40 -2.55 | 26.82 1.48 -7.47 | 29.42 1.57 -10.07 | 20.84 1.62 -1.76 | 19.30 1.56 -1.13 | 19.92 1.53 0.00 | 20.85 1.49 0.00 | 21.51 1.72 0.00 | 24.56 1.74 0.00 | 22.52 1.51 0.00 | 20.25 1.20 0.00 |
| GLENWOOD_IC_2_G1 23688 | 21.35 1.13 -1.10 | 18.55 0.92 -1.02 | 17.01 0.84 -0.44 | 16.88 0.78 -0.76 | 16.92 0.81 -0.33 | 17.45 0.82 -0.24 | 20.98 0.93 -1.57 | 21.72 1.08 0.00 | 74.89 1.03 -54.29 | 39.73 1.24 -18.48 | 35.98 1.51 -12.16 | 63.16 1.42 -39.97 | 20.30 1.28 0.00 | 21.75 1.26 -2.55 | 26.68 1.33 -7.47 | 29.28 1.42 -10.07 | 20.71 1.49 -1.76 | 19.22 1.49 -1.13 | 19.90 1.51 0.00 | 20.85 1.49 0.00 | 21.38 1.59 0.00 | 24.44 1.61 0.00 | 22.40 1.39 0.00 | 20.16 1.10 0.00 |
| GLENWOOD_IC_3_G1 23689 | 21.35 1.13 -1.10 | 18.55 0.92 -1.02 | 17.01 0.84 -0.44 | 16.88 0.78 -0.76 | 16.92 0.81 -0.33 | 17.45 0.82 -0.24 | 20.98 0.93 -1.57 | 21.72 1.08 0.00 | 74.89 1.03 -54.29 | 39.73 1.24 -18.48 | 35.98 1.51 -12.16 | 63.16 1.42 -39.97 | 20.30 1.28 0.00 | 21.75 1.26 -2.55 | 26.68 1.33 -7.47 | 29.28 1.42 -10.07 | 20.71 1.49 -1.76 | 19.22 1.49 -1.13 | 19.90 1.51 0.00 | 20.85 1.49 0.00 | 21.38 1.59 0.00 | 24.44 1.61 0.00 | 22.40 1.39 0.00 | 20.16 1.10 0.00 |
| GLENWOOD___4 23550 | 21.47 1.25 -1.10 | 18.63 1.01 -1.02 | 17.09 0.91 -0.44 | 16.95 0.85 -0.76 | 17.00 0.89 -0.33 | 17.54 0.91 -0.24 | 21.08 1.04 -1.57 | 21.83 1.19 0.00 | 74.57 1.12 -53.88 | 39.79 1.30 -18.48 | 36.09 1.62 -12.16 | 63.30 1.57 -39.97 | 20.43 1.41 0.00 | 21.88 1.40 -2.55 | 26.82 1.48 -7.47 | 29.42 1.57 -10.07 | 20.84 1.62 -1.76 | 19.32 1.59 -1.13 | 19.96 1.57 0.00 | 20.89 1.53 0.00 | 21.51 1.72 0.00 | 24.56 1.74 0.00 | 22.52 1.51 0.00 | 20.25 1.20 0.00 |
| GLENWOOD___5 23614 | 21.47 1.25 -1.10 | 18.63 1.01 -1.02 | 17.09 0.91 -0.44 | 16.95 0.85 -0.76 | 17.00 0.89 -0.33 | 17.54 0.91 -0.24 | 21.08 1.04 -1.57 | 21.83 1.19 0.00 | 74.57 1.12 -53.88 | 39.79 1.30 -18.48 | 36.09 1.62 -12.16 | 63.30 1.57 -39.97 | 20.43 1.41 0.00 | 21.88 1.40 -2.55 | 26.82 1.48 -7.47 | 29.42 1.57 -10.07 | 20.84 1.62 -1.76 | 19.32 1.59 -1.13 | 19.96 1.57 0.00 | 20.89 1.53 0.00 | 21.51 1.72 0.00 | 24.56 1.74 0.00 | 22.52 1.51 0.00 | 20.25 1.20 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 22.46 2.24 -1.10 | 19.37 1.75 -1.02 | 17.71 1.53 -0.44 | 17.59 1.49 -0.76 | 17.76 1.65 -0.33 | 18.36 1.73 -0.24 | 22.06 2.01 -1.57 | 22.85 2.20 0.00 | 74.82 1.89 -53.35 | 40.71 2.21 -18.48 | 37.07 2.60 -12.16 | 64.08 2.34 -39.97 | 21.13 2.12 0.00 | 22.58 2.10 -2.55 | 27.49 2.14 -7.47 | 30.23 2.37 -10.07 | 21.36 2.14 -1.76 | 19.86 2.12 -1.13 | 20.41 2.02 0.00 | 21.15 1.79 0.00 | 21.71 1.92 0.00 | 24.72 1.90 0.00 | 22.59 1.58 0.00 | 20.22 1.17 0.00 |
| GLOBE___DSASP 323697 | 18.08 -1.04 0.00 | 15.75 -0.84 0.00 | 14.94 -0.80 0.00 | 14.60 -0.74 0.00 | 15.00 -0.78 0.00 | 15.63 -0.75 0.00 | 17.63 -0.84 0.00 | 19.76 -0.88 0.00 | 18.79 -0.78 0.00 | 19.42 -0.59 0.00 | 21.79 -0.52 0.00 | 21.32 -0.45 0.00 | 18.72 -0.30 0.00 | 17.52 -0.41 0.00 | 17.42 -0.46 0.00 | 17.18 -0.60 0.00 | 16.85 -0.61 0.00 | 15.83 -0.79 0.00 | 17.78 -0.61 0.00 | 18.95 -0.41 0.00 | 19.17 -0.63 0.00 | 21.99 -0.83 0.00 | 20.73 -0.28 0.00 | 18.72 -0.33 0.00 |
| GOETHSLN___LBMP 323567 | 20.27 1.01 -0.14 | 18.45 0.82 -1.02 | 16.92 0.75 -0.44 | 16.79 0.69 -0.76 | 16.81 0.70 -0.33 | 17.34 0.71 -0.24 | 20.80 0.75 -1.57 | 21.54 0.90 0.00 | 20.51 0.93 0.00 | 21.06 1.05 0.00 | 23.59 1.29 0.00 | 23.02 1.25 0.00 | 20.12 1.10 0.00 | 19.03 1.09 0.00 | 19.04 1.16 0.00 | 19.05 1.26 0.00 | 18.78 1.32 0.00 | 17.93 1.32 0.00 | 19.75 1.36 0.00 | 20.72 1.36 0.00 | 21.19 1.40 0.00 | 24.28 1.46 0.00 | 22.30 1.30 0.00 | 20.05 0.99 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 18.88 -0.24 0.00 | 16.42 -0.18 0.00 | 15.55 -0.19 0.00 | 15.18 -0.16 0.00 | 15.61 -0.17 0.00 | 16.26 -0.13 0.00 | 18.37 -0.11 0.00 | 20.61 -0.04 0.00 | 19.55 -0.03 0.00 | 20.08 0.07 0.00 | 22.46 0.15 0.00 | 21.92 0.15 0.00 | 19.24 0.22 0.00 | 18.08 0.14 0.00 | 17.99 0.11 0.00 | 17.81 0.03 0.00 | 17.48 0.02 0.00 | 16.54 -0.07 0.00 | 18.54 0.15 0.00 | 19.76 0.39 0.00 | 20.12 0.33 0.00 | 23.13 0.31 0.00 | 21.47 0.46 0.00 | 19.38 0.32 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOODYEAR_LAKE_HYD 323669 | 19.72 0.56 -0.05 | 17.38 0.46 -0.32 | 16.30 0.43 -0.14 | 15.99 0.41 -0.24 | 16.31 0.43 -0.10 | 16.91 0.45 -0.07 | 19.51 0.54 -0.49 | 21.29 0.65 0.00 | 20.23 0.65 0.00 | 20.72 0.72 0.00 | 23.14 0.83 0.00 | 22.58 0.81 0.00 | 19.73 0.71 0.00 | 18.62 0.69 0.00 | 18.59 0.71 0.00 | 18.52 0.73 0.00 | 18.27 0.81 0.00 | 17.46 0.85 0.00 | 19.33 0.94 0.00 | 20.40 0.98 -0.05 | 20.80 1.01 0.00 | 23.90 1.08 0.00 | 22.00 0.99 0.00 | 19.79 0.73 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.19 0.07 0.00 | 16.64 0.04 0.00 | 15.77 0.03 0.00 | 15.39 0.06 0.00 | 15.85 0.06 0.00 | 16.46 0.07 0.00 | 18.58 0.11 0.00 | 20.84 0.20 0.00 | 19.80 0.22 0.00 | 20.33 0.32 0.00 | 22.71 0.40 0.00 | 22.11 0.34 0.00 | 19.33 0.31 0.00 | 18.23 0.29 0.00 | 18.18 0.30 0.00 | 18.11 0.33 0.00 | 17.78 0.32 0.00 | 16.97 0.36 0.00 | 18.82 0.44 0.00 | 19.86 0.49 0.00 | 20.27 0.47 0.00 | 23.24 0.41 0.00 | 21.44 0.44 0.00 | 19.34 0.29 0.00 |
| GOUDEY___7 23579 | 19.21 0.09 0.00 | 16.65 0.05 0.00 | 15.78 0.04 0.00 | 15.40 0.06 0.00 | 15.86 0.08 0.00 | 16.47 0.08 0.00 | 18.60 0.13 0.00 | 20.86 0.22 0.00 | 19.81 0.24 0.00 | 20.35 0.34 0.00 | 22.73 0.42 0.00 | 22.13 0.35 0.00 | 19.35 0.33 0.00 | 18.24 0.31 0.00 | 18.20 0.32 0.00 | 18.13 0.34 0.00 | 17.80 0.34 0.00 | 16.98 0.37 0.00 | 18.85 0.46 0.00 | 19.88 0.52 0.00 | 20.29 0.49 0.00 | 23.26 0.44 0.00 | 21.47 0.46 0.00 | 19.36 0.30 0.00 |
| GOUDEY___8 23580 | 19.19 0.07 0.00 | 16.64 0.04 0.00 | 15.77 0.03 0.00 | 15.39 0.06 0.00 | 15.85 0.06 0.00 | 16.46 0.07 0.00 | 18.58 0.11 0.00 | 20.84 0.20 0.00 | 19.80 0.22 0.00 | 20.33 0.32 0.00 | 22.71 0.40 0.00 | 22.11 0.34 0.00 | 19.33 0.31 0.00 | 18.23 0.29 0.00 | 18.18 0.30 0.00 | 18.11 0.33 0.00 | 17.78 0.32 0.00 | 16.97 0.36 0.00 | 18.82 0.44 0.00 | 19.86 0.49 0.00 | 20.27 0.47 0.00 | 23.24 0.41 0.00 | 21.44 0.44 0.00 | 19.34 0.29 0.00 |
| GOWANUS_GT1_1 24077 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_2 24078 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_3 24079 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_4 24080 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_5 24084 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_6 24111 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_7 24112 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT1_8 24113 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_1 24114 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_2 24115 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_3 24116 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |

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| GOWANUS_GT2_4 24117 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_5 24118 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_6 24119 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_7 24120 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT2_8 24121 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 < |

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| GOWANUS_GT4_3 24132 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT4_4 24133 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT4_5 24134 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT4_6 24135 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT4_7 24136 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GOWANUS_GT4_8 24137 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GREENBSH_115KV_TB3 55895 | 20.66 0.62 -0.92 | 23.82 0.60 -6.62 | 19.16 0.58 -2.84 | 20.79 0.55 -4.90 | 18.47 0.57 -2.11 | 18.51 0.57 -1.55 | 29.18 0.53 -10.18 | 20.96 0.32 0.00 | 19.84 0.26 0.00 | 20.29 0.29 0.00 | 22.63 0.32 0.00 | 22.17 0.40 0.00 | 19.39 0.37 0.00 | 18.32 0.39 0.00 | 18.29 0.41 0.00 | 18.15 0.37 0.00 | 17.90 0.44 0.00 | 17.09 0.48 0.00 | 18.92 0.53 0.00 | 18.51 0.57 1.42 | 20.32 0.52 0.00 | 23.25 0.42 0.00 | 21.31 0.31 0.00 | 19.34 0.28 0.00 |
| GREENIDGE_115KV_TB5 80291 | 19.09 -0.03 0.00 | 16.56 -0.04 0.00 | 15.69 -0.05 0.00 | 15.32 -0.02 0.00 | 15.77 -0.01 0.00 | 16.41 0.02 0.00 | 18.57 0.10 0.00 | 20.89 0.25 0.00 | 19.82 0.25 0.00 | 20.33 0.32 0.00 | 22.55 0.24 0.00 | 22.05 0.28 0.00 | 19.23 0.21 0.00 | 18.09 0.15 0.00 | 17.99 0.11 0.00 | 17.88 0.10 0.00 | 17.55 0.09 0.00 | 16.73 0.12 0.00 | 18.77 0.38 0.00 | 19.96 0.60 0.00 | 20.36 0.56 0.00 | 23.35 0.53 0.00 | 21.57 0.56 0.00 | 19.41 0.35 0.00 |
| GREENIDGE___3 23582 | 19.09 -0.03 0.00 | 16.56 -0.04 0.00 | 15.69 -0.05 0.00 | 15.32 -0.02 0.00 | 15.77 -0.01 0.00 | 16.41 0.02 0.00 | 18.57 0.10 0.00 | 20.89 0.25 0.00 | 19.82 0.25 0.00 | 20.33 0.32 0.00 | 22.55 0.24 0.00 | 22.05 0.28 0.00 | 19.23 0.21 0.00 | 18.09 0.15 0.00 | 17.99 0.11 0.00 | 17.88 0.10 0.00 | 17.55 0.09 0.00 | 16.73 0.12 0.00 | 18.77 0.38 0.00 | 19.96 0.60 0.00 | 20.36 0.56 0.00 | 23.35 0.53 0.00 | 21.57 0.56 0.00 | 19.41 0.35 0.00 |
| GREENIDGE___4 23583 | 19.09 -0.03 0.00 | 16.57 -0.03 0.00 | 15.68 -0.05 0.00 | 15.32 -0.02 0.00 | 15.77 -0.01 0.00 | 16.41 0.03 0.00 | 18.58 0.11 0.00 | 20.89 0.25 0.00 | 19.83 0.25 0.00 | 20.33 0.32 0.00 | 22.56 0.25 0.00 | 22.05 0.28 0.00 | 19.23 0.21 0.00 | 18.09 0.15 0.00 | 17.99 0.12 0.00 | 17.88 0.10 0.00 | 17.55 0.09 0.00 | 16.73 0.12 0.00 | 18.77 0.38 0.00 | 19.96 0.60 0.00 | 20.36 0.56 0.00 | 23.35 0.53 0.00 | 21.57 0.56 0.00 | 19.40 0.35 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 21.68 1.46 -1.10 | 18.78 1.16 -1.02 | 17.21 1.03 -0.44 | 17.06 0.96 -0.76 | 17.13 1.02 -0.33 | 17.68 1.05 -0.24 | 21.25 1.21 -1.57 | 21.95 1.30 0.00 | 74.05 1.12 -53.36 | 39.96 1.47 -18.48 | 36.23 1.76 -12.16 | 63.26 1.52 -39.97 | 20.44 1.42 0.00 | 21.94 1.46 -2.55 | 26.89 1.54 -7.47 | 29.46 1.60 -10.07 | 20.88 1.66 -1.76 | 19.43 1.70 -1.13 | 20.08 1.69 0.00 | 20.89 1.53 0.00 | 21.51 1.71 0.00 | 24.50 1.68 0.00 | 22.50 1.49 0.00 | 20.27 1.22 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| GRISSOM___SOLAR 323813 | 22.08 1.32 -1.64 | 29.30 0.85 -11.85 | 21.88 1.05 -5.09 | 25.19 1.08 -8.77 | 20.67 1.11 -3.78 | 20.43 1.27 -2.77 | 38.21 1.53 -18.21 | 22.27 1.63 0.00 | 19.72 0.15 0.00 | 20.67 0.66 0.00 | 23.16 0.85 0.00 | 22.68 0.91 0.00 | 19.62 0.60 0.00 | 18.37 0.43 0.00 | 18.48 0.60 0.00 | 18.85 1.06 0.00 | 17.99 0.53 0.00 | 18.19 1.58 0.00 | 20.22 1.83 0.00 | 21.57 2.00 -0.21 | 21.95 2.16 0.00 | 25.19 2.37 0.00 | 23.05 2.04 0.00 | 20.38 1.33 0.00 |
| GROVEVILLE___HYD 323602 | 20.28 1.01 -0.15 | 18.51 0.82 -1.08 | 16.95 0.75 -0.46 | 16.85 0.71 -0.80 | 16.86 0.73 -0.34 | 17.39 0.75 -0.25 | 21.01 0.87 -1.66 | 21.67 1.03 0.00 | 20.57 1.00 0.00 | 21.11 1.10 0.00 | 23.66 1.35 0.00 | 23.13 1.36 0.00 | 20.22 1.20 0.00 | 19.10 1.17 0.00 | 19.12 1.24 0.00 | 19.11 1.32 0.00 | 18.87 1.41 0.00 | 18.04 1.43 0.00 | 19.90 1.51 0.00 | 20.91 1.54 0.00 | 21.36 1.57 0.00 | 24.43 1.60 0.00 | 22.38 1.38 0.00 | 20.14 1.08 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 19.11 -0.01 0.00 | 16.57 -0.03 0.00 | 15.71 -0.03 0.00 | 15.31 -0.02 0.00 | 15.75 -0.03 0.00 | 16.36 -0.03 0.00 | 18.45 -0.02 0.00 | 20.62 -0.02 0.00 | 19.58 0.00 0.00 | 20.05 0.04 0.00 | 22.31 0.00 0.00 | 21.74 -0.03 0.00 | 18.98 -0.04 0.00 | 17.89 -0.04 0.00 | 16.28 -0.04 1.56 | 17.73 -0.06 0.00 | 17.46 0.01 0.00 | 16.65 0.04 0.00 | 18.53 0.14 0.00 | 19.59 0.23 0.00 | 20.01 0.21 0.00 | 22.96 0.14 0.00 | 21.13 0.12 0.00 | 19.17 0.11 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.06 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 19.45 0.34 0.00 | 16.92 0.32 0.00 | 16.06 0.32 0.00 | 15.66 0.32 0.00 | 16.13 0.35 0.00 | 16.75 0.36 0.00 | 18.88 0.41 0.00 | 21.01 0.36 0.00 | 19.77 0.19 0.00 | 20.22 0.21 0.00 | 22.55 0.24 0.00 | 22.04 0.27 0.00 | 19.17 0.16 0.00 | 18.11 0.18 0.00 | 16.46 0.20 1.62 | 17.95 0.16 0.00 | 17.64 0.18 0.00 | 16.87 0.26 0.00 | 18.73 0.34 0.00 | 19.85 0.48 0.00 | 20.28 0.49 0.00 | 23.22 0.40 0.00 | 21.32 0.31 0.00 | 19.28 0.23 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.11 0.87 -0.13 | 18.22 0.70 -0.92 | 16.77 0.64 -0.40 | 16.62 0.60 -0.69 | 16.69 0.61 -0.29 | 17.22 0.62 -0.22 | 20.59 0.70 -1.42 | 21.49 0.84 0.00 | 20.42 0.84 0.00 | 20.95 0.95 0.00 | 23.49 1.18 0.00 | 22.95 1.18 0.00 | 20.06 1.04 0.00 | 18.97 1.04 0.00 | 18.99 1.11 0.00 | 18.97 1.18 0.00 | 18.73 1.27 0.00 | 17.88 1.27 0.00 | 19.73 1.34 0.00 | 20.71 1.35 0.00 | 21.16 1.36 0.00 | 24.19 1.36 0.00 | 22.19 1.18 0.00 | 19.97 0.91 0.00 |
| HARSNRAD_115KV_TB1 81005 | 18.43 -0.69 0.00 | 16.05 -0.55 0.00 | 15.21 -0.53 0.00 | 14.87 -0.47 0.00 | 15.28 -0.50 0.00 | 15.93 -0.46 0.00 | 17.98 -0.49 0.00 | 20.18 -0.47 0.00 | 19.18 -0.39 0.00 | 19.80 -0.21 0.00 | 22.23 -0.08 0.00 | 21.70 -0.07 0.00 | 19.06 0.05 0.00 | 17.85 -0.08 0.00 | 17.75 -0.12 0.00 | 17.53 -0.25 0.00 | 17.19 -0.27 0.00 | 16.21 -0.40 0.00 | 18.19 -0.20 0.00 | 19.40 0.04 0.00 | 19.71 -0.09 0.00 | 22.66 -0.17 0.00 | 21.21 0.21 0.00 | 19.09 0.04 0.00 |
| HARZA MOOSE___RIVER 24016 | 19.60 0.48 0.00 | 17.00 0.40 0.00 | 16.13 0.40 0.00 | 15.73 0.39 0.00 | 16.19 0.41 0.00 | 16.82 0.44 0.00 | 19.03 0.56 0.00 | 21.29 0.64 0.00 | 20.20 0.62 0.00 | 20.62 0.61 0.00 | 22.94 0.63 0.00 | 22.33 0.55 0.00 | 19.50 0.49 0.00 | 18.33 0.40 0.00 | 4.62 0.34 13.60 | 18.10 0.32 0.00 | 17.71 0.25 0.00 | 16.87 0.25 0.00 | 18.72 0.33 0.00 | 19.85 0.49 0.00 | 20.42 0.62 0.00 | 23.53 0.71 0.00 | 21.55 0.54 0.00 | 19.48 0.42 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.97 -0.15 0.00 | 16.45 -0.15 0.00 | 15.58 -0.15 0.00 | 15.19 -0.14 0.00 | 15.64 -0.15 0.00 | 16.25 -0.14 0.00 | 18.31 -0.16 0.00 | 20.47 -0.17 0.00 | 19.44 -0.14 0.00 | 19.92 -0.09 0.00 | 22.20 -0.11 0.00 | 21.63 -0.14 0.00 | 18.89 -0.13 0.00 | 17.82 -0.12 0.00 | 15.82 -0.12 1.94 | 17.66 -0.12 0.00 | 17.36 -0.10 0.00 | 16.54 -0.07 0.00 | 18.37 -0.03 0.00 | 19.39 0.03 0.00 | 19.79 -0.01 0.00 | 22.71 -0.12 0.00 | 20.93 -0.08 0.00 | 19.01 -0.05 0.00 |
| HELLGATE_13_KV_LD 55870 | 20.33 1.07 -0.14 | 18.50 0.88 -1.02 | 17.00 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.88 0.83 -1.57 | 21.65 1.00 0.00 | 20.60 1.03 0.00 | 21.16 1.15 0.00 | 23.71 1.40 0.00 | 23.13 1.36 0.00 | 20.20 1.19 0.00 | 19.10 1.17 0.00 | 19.12 1.24 0.00 | 19.14 1.35 0.00 | 18.87 1.42 0.00 | 18.02 1.41 0.00 | 19.80 1.42 0.00 | 20.79 1.43 0.00 | 21.29 1.50 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 20.33 1.07 -0.14 | 18.50 0.88 -1.02 | 17.00 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.88 0.83 -1.57 | 21.65 1.00 0.00 | 20.60 1.03 0.00 | 21.16 1.15 0.00 | 23.71 1.40 0.00 | 23.13 1.36 0.00 | 20.20 1.19 0.00 | 19.10 1.17 0.00 | 19.12 1.24 0.00 | 19.14 1.35 0.00 | 18.87 1.42 0.00 | 18.02 1.41 0.00 | 19.80 1.42 0.00 | 20.79 1.43 0.00 | 21.29 1.50 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| HEMPSTEAD____ 23647 | 21.49 1.27 -1.10 | 18.64 1.02 -1.02 | 17.08 0.91 -0.44 | 16.94 0.84 -0.76 | 16.99 0.89 -0.33 | 17.54 0.91 -0.24 | 21.09 1.05 -1.57 | 21.81 1.17 0.00 | 74.16 1.05 -53.53 | 39.84 1.35 -18.48 | 36.11 1.64 -12.16 | 63.22 1.48 -39.97 | 20.37 1.35 0.00 | 21.85 1.37 -2.55 | 26.79 1.44 -7.47 | 29.39 1.53 -10.07 | 20.80 1.58 -1.76 | 19.31 1.58 -1.13 | 19.97 1.58 0.00 | 20.85 1.49 0.00 | 21.45 1.65 0.00 | 24.48 1.66 0.00 | 22.48 1.47 0.00 | 20.22 1.17 0.00 |
| HEWLETT_69_KV_BK3 55828 | 21.69 1.47 -1.10 | 18.81 1.19 -1.02 | 17.24 1.06 -0.44 | 17.09 1.00 -0.76 | 17.16 1.05 -0.33 | 17.71 1.08 -0.24 | 21.28 1.23 -1.57 | 22.00 1.36 0.00 | 76.46 1.22 -55.66 | 40.07 1.58 -18.48 | 36.27 1.80 -12.16 | 63.40 1.66 -39.97 | 20.58 1.56 0.00 | 22.04 1.56 -2.55 | 26.98 1.64 -7.47 | 29.57 1.72 -10.07 | 21.01 1.79 -1.76 | 19.53 1.80 -1.13 | 20.25 1.86 0.00 | 21.12 1.76 0.00 | 21.70 1.90 0.00 | 24.77 1.95 0.00 | 22.73 1.72 0.00 | 20.44 1.38 0.00 |
| HICKLING___1 23621 | 18.97 -0.16 0.00 | 16.42 -0.17 0.00 | 15.57 -0.17 0.00 | 15.24 -0.10 0.00 | 15.70 -0.08 0.00 | 16.32 -0.07 0.00 | 18.49 0.02 0.00 | 20.85 0.20 0.00 | 19.82 0.25 0.00 | 20.41 0.40 0.00 | 22.84 0.53 0.00 | 22.21 0.44 0.00 | 19.42 0.40 0.00 | 18.30 0.37 0.00 | 18.26 0.39 0.00 | 18.21 0.43 0.00 | 17.83 0.37 0.00 | 17.01 0.40 0.00 | 18.94 0.55 0.00 | 20.02 0.65 0.00 | 20.39 0.59 0.00 | 23.33 0.51 0.00 | 21.63 0.62 0.00 | 19.37 0.32 0.00 |
| HICKLING___2 23622 | 18.97 -0.16 0.00 | 16.42 -0.17 0.00 | 15.57 -0.17 0.00 | 15.24 -0.10 0.00 | 15.70 -0.08 0.00 | 16.32 -0.07 0.00 | 18.49 0.02 0.00 | 20.85 0.20 0.00 | 19.82 0.25 0.00 | 20.41 0.40 0.00 | 22.84 0.53 0.00 | 22.21 0.44 0.00 | 19.42 0.40 0.00 | 18.30 0.37 0.00 | 18.26 0.39 0.00 | 18.21 0.43 0.00 | 17.83 0.37 0.00 | 17.01 0.40 0.00 | 18.94 0.55 0.00 | 20.02 0.65 0.00 | 20.39 0.59 0.00 | 23.33 0.51 0.00 | 21.63 0.62 0.00 | 19.37 0.32 0.00 |
| HIGH FALLS___HY 23754 | 20.09 0.75 -0.22 | 18.76 0.55 -1.61 | 16.91 0.48 -0.69 | 16.97 0.44 -1.19 | 16.75 0.45 -0.51 | 17.23 0.47 -0.38 | 21.54 0.59 -2.48 | 21.46 0.82 0.00 | 20.41 0.83 0.00 | 20.93 0.92 0.00 | 23.58 1.27 0.00 | 22.96 1.19 0.00 | 20.01 1.00 0.00 | 18.84 0.91 0.00 | 18.92 1.04 0.00 | 18.86 1.08 0.00 | 18.65 1.19 0.00 | 17.84 1.23 0.00 | 19.66 1.27 0.00 | 20.51 1.29 0.13 | 21.15 1.36 0.00 | 24.33 1.50 0.00 | 22.31 1.30 0.00 | 20.03 0.98 0.00 |
| HIGH_RIVER___SOLAR 323847 | 21.41 0.66 -1.64 | 28.97 0.53 -11.85 | 21.33 0.51 -5.09 | 24.60 0.49 -8.77 | 20.08 0.51 -3.78 | 19.71 0.55 -2.77 | 37.34 0.65 -18.21 | 21.38 0.74 0.00 | 20.17 0.60 0.00 | 20.68 0.67 0.00 | 23.03 0.72 0.00 | 22.50 0.73 0.00 | 19.63 0.61 0.00 | 18.49 0.55 0.00 | 18.43 0.55 0.00 | 18.40 0.61 0.00 | 18.08 0.62 0.00 | 17.33 0.72 0.00 | 19.21 0.82 0.00 | 20.50 0.89 -0.24 | 20.71 0.92 0.00 | 23.77 0.95 0.00 | 21.83 0.82 0.00 | 19.72 0.66 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| HILLBURN___GT 23639 | 20.08 0.83 -0.13 | 18.21 0.67 -0.94 | 16.75 0.61 -0.41 | 16.61 0.57 -0.70 | 16.67 0.59 -0.30 | 17.18 0.58 -0.22 | 20.57 0.65 -1.45 | 21.44 0.80 0.00 | 20.39 0.81 0.00 | 20.93 0.92 0.00 | 23.46 1.15 0.00 | 22.91 1.14 0.00 | 20.04 1.02 0.00 | 18.95 1.02 0.00 | 18.97 1.09 0.00 | 18.95 1.17 0.00 | 18.70 1.24 0.00 | 17.86 1.25 0.00 | 19.68 1.30 0.00 | 20.66 1.30 0.00 | 21.11 1.32 0.00 | 24.14 1.32 0.00 | 22.15 1.14 0.00 | 19.93 0.87 0.00 |
| HILLSIDE_115KV_TB1 80332 | 18.71 -0.42 0.00 | 16.19 -0.41 0.00 | 15.35 -0.38 0.00 | 15.03 -0.31 0.00 | 15.49 -0.29 0.00 | 16.08 -0.30 0.00 | 18.22 -0.25 0.00 | 20.54 -0.10 0.00 | 19.54 -0.04 0.00 | 20.12 0.11 0.00 | 22.53 0.21 0.00 | 21.88 0.11 0.00 | 19.15 0.13 0.00 | 18.07 0.13 0.00 | 18.03 0.15 0.00 | 17.99 0.21 0.00 | 17.59 0.14 0.00 | 16.82 0.21 0.00 | 18.68 0.29 0.00 | 19.70 0.33 0.00 | 20.06 0.27 0.00 | 22.96 0.13 0.00 | 21.30 0.30 0.00 | 19.09 0.03 0.00 |
| HISHELDN_WT_PWR 323625 | 18.68 -0.44 0.00 | 16.25 -0.34 0.00 | 15.38 -0.35 0.00 | 15.03 -0.30 0.00 | 15.47 -0.31 0.00 | 16.11 -0.28 0.00 | 18.20 -0.27 0.00 | 20.48 -0.16 0.00 | 19.48 -0.10 0.00 | 20.09 0.08 0.00 | 22.54 0.23 0.00 | 21.99 0.21 0.00 | 19.28 0.26 0.00 | 18.10 0.16 0.00 | 18.01 0.13 0.00 | 17.83 0.05 0.00 | 17.47 0.02 0.00 | 16.53 -0.08 0.00 | 18.50 0.11 0.00 | 19.69 0.33 0.00 | 20.01 0.22 0.00 | 22.97 0.15 0.00 | 21.44 0.43 0.00 | 19.23 0.17 0.00 |
| HOLTSVILLE_IC_1 23690 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.51 -39.97 | 20.44 1.43 0.00 | 21.95 1.47 -2.55 | 26.93 1.58 -7.47 | 29.53 1.67 -10.07 | 20.94 1.71 -1.76 | 19.45 1.71 -1.13 | 20.12 1.73 0.00 | 20.91 1.55 0.00 | 21.58 1.79 0.00 | 24.56 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.23 0.00 |
| HOLTSVILLE_IC_10 23699 | 21.90 1.68 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.23 -0.24 | 21.46 1.41 -1.57 | 22.16 1.52 0.00 | 74.18 1.25 -53.36 | 40.02 1.53 -18.48 | 36.31 1.85 -12.16 | 63.35 1.61 -39.97 | 20.55 1.53 0.00 | 22.04 1.57 -2.55 | 27.03 1.68 -7.47 | 29.63 1.77 -10.07 | 21.04 1.82 -1.76 | 19.53 1.80 -1.13 | 20.22 1.83 0.00 | 21.02 1.66 0.00 | 21.70 1.91 0.00 | 24.69 1.87 0.00 | 22.65 1.64 0.00 | 20.37 1.31 0.00 |
| HOLTSVILLE_IC_2 23691 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.51 -39.97 | 20.44 1.43 0.00 | 21.95 1.47 -2.55 | 26.93 1.58 -7.47 | 29.53 1.67 -10.07 | 20.94 1.71 -1.76 | 19.45 1.71 -1.13 | 20.12 1.73 0.00 | 20.91 1.55 0.00 | 21.58 1.79 0.00 | 24.56 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.23 0.00 |
| HOLTSVILLE_IC_3 23692 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.51 -39.97 | 20.44 1.43 0.00 | 21.95 1.47 -2.55 | 26.93 1.58 -7.47 | 29.53 1.67 -10.07 | 20.94 1.71 -1.76 | 19.45 1.71 -1.13 | 20.12 1.73 0.00 | 20.91 1.55 0.00 | 21.58 1.79 0.00 | 24.56 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.23 0.00 |
| HOLTSVILLE_IC_4 23693 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.51 -39.97 | 20.44 1.43 0.00 | 21.95 1.47 -2.55 | 26.93 1.58 -7.47 | 29.53 1.67 -10.07 | 20.94 1.71 -1.76 | 19.45 1.71 -1.13 | 20.12 1.73 0.00 | 20.91 1.55 0.00 | 21.58 1.79 0.00 | 24.56 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.23 0.00 |
| HOLTSVILLE_IC_5 23694 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.51 -39.97 | 20.44 1.43 0.00 | 21.95 1.47 -2.55 | 26.93 1.58 -7.47 | 29.53 1.67 -10.07 | 20.94 1.71 -1.76 | 19.45 1.71 -1.13 | 20.12 1.73 0.00 | 20.91 1.55 0.00 | 21.58 1.79 0.00 | 24.56 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.23 0.00 |
| HOLTSVILLE_IC_6 23695 | 21.90 1.68 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.23 -0.24 | 21.46 1.41 -1.57 | 22.16 1.52 0.00 | 74.18 1.25 -53.36 | 40.02 1.53 -18.48 | 36.31 1.85 -12.16 | 63.35 1.61 -39.97 | 20.55 1.53 0.00 | 22.04 1.57 -2.55 | 27.03 1.68 -7.47 | 29.63 1.77 -10.07 | 21.04 1.82 -1.76 | 19.53 1.80 -1.13 | 20.22 1.83 0.00 | 21.02 1.66 0.00 | 21.70 1.91 0.00 | 24.69 1.87 0.00 | 22.65 1.64 0.00 | 20.37 1.31 0.00 |
| HOLTSVILLE_IC_7 23696 | 21.90 1.68 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.23 -0.24 | 21.46 1.41 -1.57 | 22.16 1.52 0.00 | 74.18 1.25 -53.36 | 40.02 1.53 -18.48 | 36.31 1.85 -12.16 | 63.35 1.61 -39.97 | 20.55 1.53 0.00 | 22.04 1.57 -2.55 | 27.03 1.68 -7.47 | 29.63 1.77 -10.07 | 21.04 1.82 -1.76 | 19.53 1.80 -1.13 | 20.22 1.83 0.00 | 21.02 1.66 0.00 | 21.70 1.91 0.00 | 24.69 1.87 0.00 | 22.65 1.64 0.00 | 20.37 1.31 0.00 |
| HOLTSVILLE_IC_8 23697 | 21.90 1.68 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.23 -0.24 | 21.46 1.41 -1.57 | 22.16 1.52 0.00 | 74.18 1.25 -53.36 | 40.02 1.53 -18.48 | 36.31 1.85 -12.16 | 63.35 1.61 -39.97 | 20.55 1.53 0.00 | 22.04 1.57 -2.55 | 27.03 1.68 -7.47 | 29.63 1.77 -10.07 | 21.04 1.82 -1.76 | 19.53 1.80 -1.13 | 20.22 1.83 0.00 | 21.02 1.66 0.00 | 21.70 1.91 0.00 | 24.69 1.87 0.00 | 22.65 1.64 0.00 | 20.37 1.31 0.00 |
| HOLTSVILLE_IC_9 23698 | 21.90 1.68 -1.10 | 18.96 1.34 -1.02 | 17.36 1.18 -0.44 | 17.20 1.10 -0.76 | 17.29 1.18 -0.33 | 17.85 1.23 -0.24 | 21.46 1.41 -1.57 | 22.16 1.52 0.00 | 74.18 1.25 -53.36 | 40.02 1.53 -18.48 | 36.31 1.85 -12.16 | 63.35 1.61 -39.97 | 20.55 1.53 0.00 | 22.04 1.57 -2.55 | 27.03 1.68 -7.47 | 29.63 1.77 -10.07 | 21.04 1.82 -1.76 | 19.53 1.80 -1.13 | 20.22 1.83 0.00 | 21.02 1.66 0.00 | 21.70 1.91 0.00 | 24.69 1.87 0.00 | 22.65 1.64 0.00 | 20.37 1.31 0.00 |
| HOMER_HL_115KV_TB2 355744 | 18.84 -0.28 0.00 | 16.41 -0.18 0.00 | 15.59 -0.15 0.00 | 15.24 -0.09 0.00 | 15.69 -0.09 0.00 | 16.29 -0.09 0.00 | 18.45 -0.02 0.00 | 20.82 0.18 0.00 | 19.80 0.22 0.00 | 20.47 0.46 0.00 | 22.92 0.61 0.00 | 22.23 0.46 0.00 | 19.52 0.50 0.00 | 18.36 0.42 0.00 | 18.24 0.36 0.00 | 18.13 0.35 0.00 | 17.75 0.29 0.00 | 16.88 0.27 0.00 | 18.81 0.42 0.00 | 19.91 0.55 0.00 | 20.24 0.45 0.00 | 23.21 0.38 0.00 | 21.69 0.67 0.00 | 19.43 0.38 0.00 |
| HOWARD_WT_PWR 323690 | 19.10 -0.02 0.00 | 16.58 -0.02 0.00 | 15.69 -0.05 0.00 | 15.35 0.01 0.00 | 15.81 0.03 0.00 | 16.46 0.07 0.00 | 18.64 0.17 0.00 | 21.02 0.38 0.00 | 19.95 0.38 0.00 | 20.48 0.47 0.00 | 22.90 0.59 0.00 | 22.29 0.52 0.00 | 19.50 0.49 0.00 | 18.35 0.42 0.00 | 18.28 0.40 0.00 | 18.16 0.37 0.00 | 17.81 0.35 0.00 | 16.94 0.33 0.00 | 18.93 0.54 0.00 | 20.14 0.78 0.00 | 20.56 0.76 0.00 | 23.57 0.75 0.00 | 21.89 0.88 0.00 | 19.57 0.51 0.00 |

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| HQ_GEN_CEDARS 23644 | 18.84 -0.29 0.00 | 16.53 -0.07 0.00 | 15.79 0.05 0.00 | 15.40 0.06 0.00 | 15.83 0.05 0.00 | 16.20 -0.19 0.00 | 18.30 -0.17 0.00 | 20.47 -0.17 0.00 | 19.38 -0.19 0.00 | 19.67 -0.34 0.00 | 21.88 -0.43 0.00 | 21.36 -0.41 0.00 | 18.65 -0.36 0.00 | 17.50 -0.44 0.00 | -82.52 -0.53 99.87 | 17.24 -0.55 0.00 | 16.83 -0.63 0.00 | 16.00 -0.61 0.00 | 17.70 -0.69 0.00 | 18.55 -0.81 0.00 | 19.04 -0.76 0.00 | 22.22 -0.61 0.00 | 20.52 -0.49 0.00 | 18.64 -0.42 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 9.32 -0.29 9.52 | 16.53 -0.07 0.00 | 15.79 0.05 0.00 | 15.40 0.06 0.00 | 15.83 0.05 0.00 | 7.99 -0.19 8.21 | 8.97 -0.17 9.33 | 10.44 -0.17 10.03 | 9.27 -0.19 10.11 | 9.58 -0.34 10.09 | 9.59 -0.43 12.29 | 10.60 -0.41 10.76 | 9.00 -0.36 9.65 | 8.76 -0.44 8.74 | -82.52 -0.53 99.87 | 17.24 -0.55 0.00 | 8.41 -0.63 8.41 | 8.10 -0.61 7.90 | 8.86 -0.69 8.83 | 9.40 -0.81 9.15 | 9.60 -0.76 9.43 | 10.81 -0.61 11.41 | 9.68 -0.48 10.85 | 9.51 -0.42 9.13 |
| HQ_GEN_IMPORT 323601 | 18.95 -0.17 0.00 | 16.47 -0.12 0.00 | 15.64 -0.10 0.00 | 15.24 -0.09 0.00 | 15.69 -0.10 0.00 | 16.29 -0.10 0.00 | 18.37 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.09 -0.21 0.00 | 20.67 -0.19 0.90 | 18.84 -0.17 0.00 | 17.74 -0.19 0.00 | 21.26 -0.22 -3.60 | 17.54 -0.24 0.00 | 17.16 -0.30 0.00 | 16.28 -0.33 0.00 | 18.01 -0.38 0.00 | 18.91 -0.45 0.00 | 19.36 -0.43 0.00 | 22.52 -0.31 0.00 | 20.75 -0.26 0.00 | 18.83 -0.22 0.00 |
| HQ_GEN_WHEEL 23651 | 18.95 -0.17 0.00 | 16.47 -0.12 0.00 | 15.64 -0.10 0.00 | 15.24 -0.09 0.00 | 15.69 -0.10 0.00 | 16.29 -0.10 0.00 | 18.37 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.09 -0.21 0.00 | 20.67 -0.19 0.90 | 18.84 -0.17 0.00 | 17.74 -0.19 0.00 | 21.26 -0.22 -3.60 | 17.54 -0.24 0.00 | 17.16 -0.30 0.00 | 16.28 -0.33 0.00 | 18.01 -0.38 0.00 | 18.91 -0.45 0.00 | 19.36 -0.43 0.00 | 22.52 -0.31 0.00 | 20.75 -0.26 0.00 | 18.83 -0.22 0.00 |
| HUDSON_AVE_GT_3 23810 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 17.01 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.80 -0.33 | 17.43 0.81 -0.24 | 20.92 0.88 -1.57 | 21.69 1.05 0.00 | 20.66 1.08 0.00 | 21.22 1.21 0.00 | 23.78 1.47 0.00 | 23.19 1.42 0.00 | 20.26 1.25 0.00 | 19.16 1.22 0.00 | 19.16 1.28 0.00 | 19.18 1.40 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.87 1.48 0.00 | 20.86 1.50 0.00 | 21.36 1.57 0.00 | 24.45 1.62 0.00 | 22.44 1.44 0.00 | 20.18 1.12 0.00 |
| HUDSON_AVE_GT_4 23540 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 17.01 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.80 -0.33 | 17.43 0.81 -0.24 | 20.92 0.88 -1.57 | 21.69 1.05 0.00 | 20.66 1.08 0.00 | 21.22 1.21 0.00 | 23.78 1.47 0.00 | 23.19 1.42 0.00 | 20.26 1.25 0.00 | 19.16 1.22 0.00 | 19.16 1.28 0.00 | 19.18 1.40 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.87 1.48 0.00 | 20.86 1.50 0.00 | 21.36 1.57 0.00 | 24.45 1.62 0.00 | 22.44 1.44 0.00 | 20.18 1.12 0.00 |
| HUDSON_AVE_GT_5 23657 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 17.01 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.80 -0.33 | 17.43 0.81 -0.24 | 20.92 0.88 -1.57 | 21.69 1.05 0.00 | 20.66 1.08 0.00 | 21.22 1.21 0.00 | 23.78 1.47 0.00 | 23.19 1.42 0.00 | 20.26 1.25 0.00 | 19.16 1.22 0.00 | 19.16 1.28 0.00 | 19.18 1.40 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.87 1.48 0.00 | 20.86 1.50 0.00 | 21.36 1.57 0.00 | 24.45 1.62 0.00 | 22.44 1.44 0.00 | 20.18 1.12 0.00 |
| HUDSON_AVE_10 24168 | 20.27 1.01 -0.14 | 18.45 0.83 -1.02 | 16.94 0.76 -0.44 | 16.80 0.70 -0.76 | 16.83 0.71 -0.33 | 17.35 0.72 -0.24 | 20.81 0.77 -1.57 | 21.57 0.93 0.00 | 21.18 0.96 -0.64 | 21.09 1.08 0.00 | 23.62 1.32 0.01 | 23.03 1.27 0.01 | 20.13 1.12 0.00 | 19.04 1.10 0.00 | 19.03 1.16 0.00 | 19.06 1.28 0.00 | 18.79 1.33 0.00 | 17.94 1.34 0.00 | 19.75 1.36 0.00 | 20.74 1.38 0.00 | 21.22 1.43 0.00 | 24.30 1.48 0.00 | 22.32 1.31 0.00 | 20.06 1.01 0.00 |
| HUDSON___115KV_TB 4 355613 | 20.79 0.94 -0.73 | 22.73 0.86 -5.27 | 18.84 0.84 -2.27 | 20.05 0.81 -3.90 | 18.31 0.84 -1.68 | 18.49 0.87 -1.23 | 27.47 0.89 -8.11 | 21.37 0.72 0.00 | 20.13 0.56 0.00 | 20.46 0.45 0.00 | 22.67 0.37 0.00 | 22.41 0.64 0.00 | 19.66 0.64 0.00 | 18.50 0.57 0.00 | 18.42 0.55 0.00 | 18.37 0.58 0.00 | 18.03 0.57 0.00 | 17.30 0.69 0.00 | 19.23 0.84 0.00 | 19.39 1.02 0.98 | 20.80 1.01 0.00 | 23.81 0.98 0.00 | 21.79 0.78 0.00 | 19.73 0.67 0.00 |
| HUNTER MOUNT___DRP 323613 | 20.78 1.05 -0.61 | 21.95 0.96 -4.39 | 18.57 0.95 -1.89 | 19.50 0.91 -3.25 | 18.14 0.96 -1.40 | 18.41 1.00 -1.03 | 26.25 1.02 -6.75 | 21.47 0.83 0.00 | 20.19 0.62 0.00 | 20.43 0.43 0.00 | 22.53 0.22 0.00 | 22.49 0.72 0.00 | 19.70 0.68 0.00 | 18.53 0.59 0.00 | 18.46 0.58 0.00 | 18.37 0.59 0.00 | 18.02 0.56 0.00 | 17.32 0.71 0.00 | 19.26 0.87 0.00 | 19.73 1.11 0.74 | 20.89 1.09 0.00 | 23.90 1.08 0.00 | 21.85 0.84 0.00 | 19.80 0.75 0.00 |
| HUNTINGTON_RES_REC 323705 | 21.80 1.57 -1.10 | 18.87 1.24 -1.02 | 17.27 1.10 -0.44 | 17.12 1.02 -0.76 | 17.20 1.09 -0.33 | 17.76 1.13 -0.24 | 21.35 1.30 -1.57 | 22.03 1.39 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.22 1.75 -12.16 | 63.24 1.50 -39.97 | 20.46 1.44 0.00 | 21.97 1.49 -2.55 | 26.96 1.61 -7.47 | 29.52 1.67 -10.07 | 20.95 1.73 -1.76 | 19.47 1.74 -1.13 | 20.12 1.73 0.00 | 20.90 1.54 0.00 | 21.58 1.78 0.00 | 24.56 1.73 0.00 | 22.54 1.53 0.00 | 20.30 1.25 0.00 |
| HUNTLEY___63 23557 | 18.57 -0.55 0.00 | 16.17 -0.43 0.00 | 15.32 -0.42 0.00 | 14.97 -0.37 0.00 | 15.38 -0.40 0.00 | 16.05 -0.34 0.00 | 18.11 -0.37 0.00 | 20.32 -0.32 0.00 | 19.35 -0.23 0.00 | 19.97 -0.04 0.00 | 22.43 0.12 0.00 | 21.91 0.14 0.00 | 19.24 0.22 0.00 | 18.04 0.10 0.00 | 17.94 0.06 0.00 | 17.71 -0.08 0.00 | 17.37 -0.09 0.00 | 16.36 -0.25 0.00 | 18.37 -0.02 0.00 | 19.57 0.21 0.00 | 19.85 0.05 0.00 | 22.79 -0.04 0.00 | 21.37 0.36 0.00 | 19.23 0.17 0.00 |
| HUNTLEY___64 23558 | 18.57 -0.55 0.00 | 16.17 -0.43 0.00 | 15.32 -0.42 0.00 | 14.97 -0.37 0.00 | 15.38 -0.40 0.00 | 16.05 -0.34 0.00 | 18.11 -0.37 0.00 | 20.32 -0.32 0.00 | 19.35 -0.23 0.00 | 19.97 -0.04 0.00 | 22.43 0.12 0.00 | 21.91 0.14 0.00 | 19.24 0.22 0.00 | 18.04 0.10 0.00 | 17.94 0.06 0.00 | 17.71 -0.08 0.00 | 17.37 -0.09 0.00 | 16.36 -0.25 0.00 | 18.37 -0.02 0.00 | 19.57 0.21 0.00 | 19.85 0.05 0.00 | 22.79 -0.04 0.00 | 21.37 0.36 0.00 | 19.23 0.17 0.00 |
| HUNTLEY___65 23559 | 18.57 -0.55 0.00 | 16.17 -0.43 0.00 | 15.32 -0.42 0.00 | 14.97 -0.37 0.00 | 15.38 -0.40 0.00 | 16.05 -0.34 0.00 | 18.11 -0.37 0.00 | 20.32 -0.32 0.00 | 19.35 -0.23 0.00 | 19.97 -0.04 0.00 | 22.43 0.12 0.00 | 21.91 0.14 0.00 | 19.24 0.22 0.00 | 18.04 0.10 0.00 | 17.94 0.06 0.00 | 17.71 -0.08 0.00 | 17.37 -0.09 0.00 | 16.36 -0.25 0.00 | 18.37 -0.02 0.00 | 19.57 0.21 0.00 | 19.85 0.05 0.00 | 22.79 -0.04 0.00 | 21.37 0.36 0.00 | 19.23 0.17 0.00 |
| HUNTLEY___66 23560 | 18.57 -0.55 0.00 | 16.17 -0.43 0.00 | 15.32 -0.42 0.00 | 14.97 -0.37 0.00 | 15.38 -0.40 0.00 | 16.05 -0.34 0.00 | 18.11 -0.37 0.00 | 20.32 -0.32 0.00 | 19.35 -0.23 0.00 | 19.97 -0.04 0.00 | 22.43 0.12 0.00 | 21.91 0.14 0.00 | 19.24 0.22 0.00 | 18.04 0.10 0.00 | 17.94 0.06 0.00 | 17.71 -0.08 0.00 | 17.37 -0.09 0.00 | 16.36 -0.25 0.00 | 18.37 -0.02 0.00 | 19.57 0.21 0.00 | 19.85 0.05 0.00 | 22.79 -0.04 0.00 | 21.37 0.36 0.00 | 19.23 0.17 0.00 |

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|------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HUNTLEY___67 23561 | 18.46 -0.66 0.00 | 16.06 -0.54 0.00 | 15.22 -0.52 0.00 | 14.88 -0.46 0.00 | 15.29 -0.49 0.00 | 15.93 -0.45 0.00 | 18.00 -0.47 0.00 | 20.21 -0.43 0.00 | 19.22 -0.36 0.00 | 19.85 -0.16 0.00 | 22.29 -0.02 0.00 | 21.77 0.00 0.00 | 19.11 0.09 0.00 | 17.91 -0.02 0.00 | 17.81 -0.07 0.00 | 17.61 -0.18 0.00 | 17.26 -0.20 0.00 | 16.26 -0.35 0.00 | 18.24 -0.15 0.00 | 19.44 0.08 0.00 | 19.73 -0.07 0.00 | 22.67 -0.16 0.00 | 21.21 0.20 0.00 | 19.08 0.02 0.00 |
| HUNTLEY___68 23562 | 18.46 -0.66 0.00 | 16.06 -0.54 0.00 | 15.22 -0.52 0.00 | 14.88 -0.46 0.00 | 15.29 -0.49 0.00 | 15.93 -0.45 0.00 | 18.00 -0.47 0.00 | 20.21 -0.43 0.00 | 19.22 -0.36 0.00 | 19.85 -0.16 0.00 | 22.29 -0.02 0.00 | 21.77 0.00 0.00 | 19.11 0.09 0.00 | 17.91 -0.02 0.00 | 17.81 -0.07 0.00 | 17.61 -0.18 0.00 | 17.26 -0.20 0.00 | 16.26 -0.35 0.00 | 18.24 -0.15 0.00 | 19.44 0.08 0.00 | 19.73 -0.07 0.00 | 22.67 -0.16 0.00 | 21.21 0.20 0.00 | 19.08 0.02 0.00 |
| HYLAND___LFGE 323620 | 19.54 0.42 0.00 | 16.97 0.37 0.00 | 16.04 0.31 0.00 | 15.66 0.32 0.00 | 16.13 0.35 0.00 | 16.83 0.44 0.00 | 19.06 0.58 0.00 | 21.27 0.62 0.00 | 19.95 0.37 0.00 | 20.38 0.37 0.00 | 22.77 0.46 0.00 | 22.21 0.44 0.00 | 19.51 0.50 0.00 | 18.34 0.40 0.00 | 18.22 0.34 0.00 | 18.08 0.29 0.00 | 17.74 0.28 0.00 | 16.82 0.21 0.00 | 18.82 0.43 0.00 | 20.19 0.82 0.00 | 20.98 1.18 0.00 | 24.22 1.39 0.00 | 22.41 1.40 0.00 | 20.08 1.03 0.00 |
| INDECK___CORINTH 23802 | 21.90 1.23 -1.55 | 28.88 1.08 -11.20 | 21.58 1.03 -4.81 | 24.65 1.02 -8.30 | 20.43 1.07 -3.58 | 20.13 1.13 -2.62 | 36.99 1.29 -17.22 | 22.04 1.39 0.00 | 20.84 1.27 0.00 | 21.25 1.24 0.00 | 23.55 1.24 0.00 | 23.04 1.27 0.00 | 19.83 0.81 0.00 | 18.58 0.64 0.00 | 18.32 0.44 0.00 | 18.16 0.37 0.00 | 17.96 0.51 0.00 | 17.22 0.61 0.00 | 19.30 0.91 0.00 | 20.82 1.04 -0.42 | 20.87 1.08 0.00 | 23.92 1.09 0.00 | 21.90 0.89 0.00 | 19.76 0.70 0.00 |
| INDECK___ILION 23567 | 19.36 0.24 0.00 | 16.81 0.21 0.00 | 15.94 0.21 0.00 | 15.54 0.20 0.00 | 16.00 0.22 0.00 | 16.61 0.23 0.00 | 18.73 0.25 0.00 | 20.87 0.23 0.00 | 19.70 0.13 0.00 | 20.17 0.16 0.00 | 22.49 0.18 0.00 | 21.97 0.20 0.00 | 19.14 0.13 0.00 | 18.08 0.14 0.00 | 16.42 0.15 1.62 | 17.92 0.14 0.00 | 17.63 0.17 0.00 | 16.82 0.21 0.00 | 18.66 0.27 0.00 | 19.71 0.35 0.00 | 20.15 0.35 0.00 | 23.12 0.29 0.00 | 21.23 0.22 0.00 | 19.20 0.15 0.00 |
| INDECK___OLEAN 23982 | 18.83 -0.29 0.00 | 16.44 -0.16 0.00 | 15.59 -0.15 0.00 | 15.24 -0.09 0.00 | 15.69 -0.09 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.82 0.18 0.00 | 19.80 0.22 0.00 | 20.47 0.46 0.00 | 22.92 0.61 0.00 | 22.24 0.47 0.00 | 19.52 0.50 0.00 | 18.36 0.42 0.00 | 18.24 0.36 0.00 | 18.13 0.35 0.00 | 17.75 0.29 0.00 | 16.88 0.27 0.00 | 18.81 0.42 0.00 | 19.91 0.55 0.00 | 20.24 0.45 0.00 | 23.21 0.38 0.00 | 21.68 0.67 0.00 | 19.43 0.38 0.00 |
| INDECK___OSWEGO 23783 | 18.83 -0.29 0.00 | 16.34 -0.26 0.00 | 15.48 -0.26 0.00 | 15.09 -0.25 0.00 | 15.53 -0.26 0.00 | 16.13 -0.26 0.00 | 18.17 -0.30 0.00 | 20.30 -0.35 0.00 | 19.26 -0.32 0.00 | 19.72 -0.29 0.00 | 21.94 -0.36 0.00 | 21.38 -0.39 0.00 | 18.66 -0.36 0.00 | 17.59 -0.34 0.00 | 14.28 -0.35 3.25 | 17.43 -0.36 0.00 | 17.12 -0.34 0.00 | 16.31 -0.30 0.00 | 18.12 -0.27 0.00 | 19.13 -0.23 0.00 | 19.56 -0.23 0.00 | 22.46 -0.37 0.00 | 20.70 -0.31 0.00 | 18.83 -0.22 0.00 |
| INDECK___YERKES 23781 | 18.59 -0.53 0.00 | 16.23 -0.37 0.00 | 15.33 -0.40 0.00 | 14.98 -0.35 0.00 | 15.41 -0.38 0.00 | 16.08 -0.31 0.00 | 18.13 -0.34 0.00 | 20.34 -0.30 0.00 | 19.38 -0.20 0.00 | 19.99 -0.01 0.00 | 22.46 0.15 0.00 | 21.95 0.18 0.00 | 19.26 0.24 0.00 | 18.06 0.13 0.00 | 17.96 0.08 0.00 | 17.74 -0.05 0.00 | 17.39 -0.07 0.00 | 16.38 -0.23 0.00 | 18.39 0.01 0.00 | 19.60 0.24 0.00 | 19.87 0.08 0.00 | 22.81 -0.01 0.00 | 21.40 0.39 0.00 | 19.25 0.20 0.00 |
| INDIAN POINT_GT_1 24139 | 20.14 0.88 -0.14 | 18.32 0.71 -1.01 | 16.82 0.66 -0.43 | 16.69 0.61 -0.75 | 16.73 0.63 -0.32 | 17.25 0.63 -0.24 | 20.72 0.70 -1.55 | 21.48 0.84 0.00 | 20.42 0.84 0.00 | 20.97 0.96 0.00 | 23.49 1.18 0.00 | 22.93 1.16 0.00 | 20.04 1.03 0.00 | 18.95 1.02 0.00 | 18.96 1.08 0.00 | 18.96 1.17 0.00 | 18.70 1.24 0.00 | 17.86 1.25 0.00 | 19.68 1.29 0.00 | 20.66 1.30 0.00 | 21.13 1.33 0.00 | 24.17 1.35 0.00 | 22.17 1.16 0.00 | 19.96 0.90 0.00 |
| INDIAN POINT_GT_2 23659 | 20.14 0.88 -0.14 | 18.32 0.71 -1.01 | 16.82 0.66 -0.43 | 16.69 0.61 -0.75 | 16.73 0.63 -0.32 | 17.25 0.63 -0.24 | 20.72 0.70 -1.55 | 21.48 0.84 0.00 | 20.42 0.84 0.00 | 20.97 0.96 0.00 | 23.49 1.18 0.00 | 22.93 1.16 0.00 | 20.04 1.03 0.00 | 18.95 1.02 0.00 | 18.96 1.08 0.00 | 18.96 1.17 0.00 | 18.70 1.24 0.00 | 17.86 1.25 0.00 | 19.68 1.29 0.00 | 20.66 1.30 0.00 | 21.13 1.33 0.00 | 24.17 1.35 0.00 | 22.17 1.16 0.00 | 19.96 0.90 0.00 |
| INDIAN POINT_GT_3 24019 | 20.14 0.88 -0.14 | 18.32 0.71 -1.01 | 16.82 0.66 -0.43 | 16.69 0.61 -0.75 | 16.73 0.63 -0.32 | 17.25 0.63 -0.24 | 20.72 0.70 -1.55 | 21.48 0.84 0.00 | 20.42 0.84 0.00 | 20.97 0.96 0.00 | 23.49 1.18 0.00 | 22.93 1.16 0.00 | 20.04 1.03 0.00 | 18.95 1.02 0.00 | 18.96 1.08 0.00 | 18.96 1.17 0.00 | 18.70 1.24 0.00 | 17.86 1.25 0.00 | 19.68 1.29 0.00 | 20.66 1.30 0.00 | 21.13 1.33 0.00 | 24.17 1.35 0.00 | 22.17 1.16 0.00 | 19.96 0.90 0.00 |
| INDIAN POINT___2 23530 | 20.09 0.84 -0.14 | 18.26 0.68 -0.98 | 16.79 0.63 -0.42 | 16.65 0.59 -0.73 | 16.69 0.60 -0.31 | 17.21 0.59 -0.23 | 20.65 0.66 -1.51 | 21.44 0.80 0.00 | 20.38 0.81 0.00 | 20.93 0.92 0.00 | 23.45 1.14 0.00 | 22.89 1.12 0.00 | 20.01 1.00 0.00 | 18.93 1.00 0.00 | 18.94 1.06 0.00 | 18.93 1.14 0.00 | 18.67 1.21 0.00 | 17.83 1.22 0.00 | 19.65 1.26 0.00 | 20.62 1.26 0.00 | 21.09 1.30 0.00 | 24.12 1.30 0.00 | 22.14 1.13 0.00 | 19.92 0.87 0.00 |
| INDIAN POINT___3 23531 | 20.11 0.85 -0.14 | 18.31 0.70 -1.01 | 16.81 0.64 -0.43 | 16.68 0.60 -0.75 | 16.71 0.61 -0.32 | 17.23 0.61 -0.24 | 20.70 0.68 -1.55 | 21.46 0.82 0.00 | 20.40 0.82 0.00 | 20.94 0.93 0.00 | 23.46 1.15 0.00 | 22.90 1.13 0.00 | 20.02 1.00 0.00 | 18.94 1.00 0.00 | 18.94 1.06 0.00 | 18.93 1.14 0.00 | 18.67 1.21 0.00 | 17.83 1.22 0.00 | 19.65 1.26 0.00 | 20.63 1.27 0.00 | 21.10 1.30 0.00 | 24.12 1.30 0.00 | 22.14 1.13 0.00 | 19.93 0.87 0.00 |
| INGHAM_C_115KV_TB7 356103 | 19.51 0.39 0.00 | 16.98 0.38 0.00 | 16.09 0.36 0.00 | 15.69 0.35 0.00 | 16.17 0.39 0.00 | 16.78 0.40 0.00 | 18.92 0.45 0.00 | 21.02 0.38 0.00 | 19.72 0.15 0.00 | 20.17 0.16 0.00 | 22.50 0.19 0.00 | 22.00 0.23 0.00 | 19.12 0.10 0.00 | 18.06 0.12 0.00 | 16.41 0.15 1.62 | 17.88 0.10 0.00 | 17.59 0.13 0.00 | 16.85 0.24 0.00 | 18.73 0.34 0.00 | 19.87 0.51 0.00 | 20.31 0.51 0.00 | 23.23 0.40 0.00 | 21.30 0.30 0.00 | 19.25 0.20 0.00 |
| IP CORINTH___1 23988 | 21.90 1.23 -1.55 | 28.89 1.09 -11.20 | 21.58 1.03 -4.81 | 24.65 1.02 -8.30 | 20.43 1.07 -3.58 | 20.13 1.13 -2.62 | 36.99 1.29 -17.22 | 22.04 1.39 0.00 | 20.84 1.27 0.00 | 21.25 1.24 0.00 | 23.55 1.24 0.00 | 23.04 1.27 0.00 | 19.85 0.83 0.00 | 18.62 0.68 0.00 | 18.40 0.52 0.00 | 18.25 0.47 0.00 | 18.07 0.61 0.00 | 17.32 0.71 0.00 | 19.41 1.03 -0.42 | 20.93 1.16 0.00 | 20.99 1.20 0.00 | 24.05 1.23 0.00 | 22.01 1.00 0.00 | 19.86 0.80 0.00 |

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|-----------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP__TICONDEROGA 23804 | 22.60 1.95 -1.54 | 29.46 1.73 -11.13 | 22.16 1.64 -4.78 | 25.21 1.64 -8.24 | 21.04 1.71 -3.55 | 20.79 1.80 -2.60 | 37.69 2.11 -17.11 | 22.75 2.11 0.00 | 21.47 1.89 0.00 | 21.85 1.84 0.00 | 24.21 1.90 0.00 | 23.71 1.94 0.00 | 20.53 1.52 0.00 | 19.26 1.32 0.00 | 19.08 1.20 0.00 | 18.95 1.16 0.00 | 18.71 1.25 0.00 | 18.00 1.39 0.00 | 20.17 1.79 0.00 | 21.93 2.13 -0.44 | 22.02 2.22 0.00 | 25.22 2.40 0.00 | 22.99 1.98 0.00 | 20.70 1.65 0.00 |
| ISLIP_RES_REC 323679 | 21.99 1.76 -1.10 | 19.02 1.39 -1.02 | 17.41 1.24 -0.44 | 17.25 1.16 -0.76 | 17.34 1.23 -0.33 | 17.92 1.29 -0.24 | 21.53 1.48 -1.57 | 22.25 1.61 0.00 | 74.29 1.34 -53.37 | 40.12 1.63 -18.48 | 36.44 1.97 -12.16 | 63.48 1.74 -39.97 | 20.66 1.65 0.00 | 22.17 1.69 -2.55 | 27.15 1.80 -7.47 | 29.77 1.91 -10.07 | 21.16 1.94 -1.76 | 19.65 1.91 -1.13 | 20.34 1.95 0.00 | 21.14 1.78 0.00 | 21.83 2.04 0.00 | 24.83 2.01 0.00 | 22.76 1.75 0.00 | 20.46 1.40 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 20.38 1.12 -0.14 | 18.56 0.94 -1.02 | 17.03 0.86 -0.44 | 16.89 0.79 -0.76 | 16.92 0.81 -0.33 | 17.45 0.82 -0.24 | 20.89 0.85 -1.57 | 21.67 1.02 0.00 | 21.37 1.05 -0.75 | 21.14 1.14 0.00 | 23.67 1.37 0.01 | 23.08 1.32 0.01 | 20.18 1.17 0.00 | 19.09 1.15 0.00 | 19.07 1.19 0.00 | 19.12 1.34 0.00 | 18.84 1.39 0.00 | 17.99 1.38 0.00 | 19.81 1.43 0.00 | 20.82 1.45 0.00 | 21.28 1.49 0.00 | 24.39 1.57 0.00 | 22.43 1.42 0.00 | 20.15 1.09 0.00 |
| JANIS__SOLAR 323808 | 19.91 0.79 0.00 | 17.26 0.66 0.00 | 16.32 0.59 0.00 | 15.92 0.58 0.00 | 16.40 0.62 0.00 | 17.09 0.70 0.00 | 19.38 0.91 0.00 | 21.78 1.14 0.00 | 20.67 1.09 0.00 | 21.15 1.14 0.00 | 23.46 1.16 0.00 | 22.74 0.96 0.00 | 19.91 0.90 0.00 | 18.60 0.67 0.00 | 18.52 0.64 0.00 | 18.37 0.59 0.00 | 18.08 0.62 0.00 | 17.34 0.73 0.00 | 19.33 0.94 0.00 | 20.58 1.22 0.00 | 21.10 1.31 0.00 | 24.22 1.39 0.00 | 22.25 1.24 0.00 | 20.02 0.97 0.00 |
| JARVIS____ 23743 | 19.22 0.11 0.00 | 16.68 0.09 0.00 | 15.82 0.08 0.00 | 15.41 0.08 0.00 | 15.86 0.08 0.00 | 16.47 0.08 0.00 | 18.56 0.09 0.00 | 20.72 0.08 0.00 | 19.66 0.08 0.00 | 20.10 0.10 0.00 | 22.42 0.11 0.00 | 21.88 0.11 0.00 | 19.11 0.09 0.00 | 18.04 0.11 0.00 | 16.37 0.11 1.62 | 17.91 0.12 0.00 | 17.59 0.14 0.00 | 16.75 0.14 0.00 | 18.54 0.15 0.00 | 19.54 0.18 0.00 | 19.97 0.18 0.00 | 22.96 0.14 0.00 | 21.13 0.12 0.00 | 19.15 0.10 0.00 |
| JENNISON__1 23625 | 19.97 0.82 -0.03 | 17.52 0.68 -0.24 | 16.45 0.62 -0.10 | 16.13 0.62 -0.18 | 16.52 0.66 -0.08 | 17.18 0.74 -0.06 | 19.78 0.94 -0.37 | 21.81 1.17 0.00 | 20.73 1.15 0.00 | 21.26 1.25 0.00 | 23.67 1.36 0.00 | 22.98 1.21 0.00 | 20.11 1.09 0.00 | 18.92 0.99 0.00 | 18.83 0.95 0.00 | 18.72 0.93 0.00 | 18.43 0.97 0.00 | 17.58 0.97 0.00 | 19.54 1.15 0.00 | 20.67 1.30 0.00 | 21.14 1.34 0.00 | 24.23 1.41 0.00 | 22.27 1.26 0.00 | 20.04 0.98 0.00 |
| JENNISON__2 23626 | 19.97 0.82 -0.03 | 17.52 0.68 -0.24 | 16.45 0.62 -0.10 | 16.13 0.62 -0.18 | 16.52 0.66 -0.08 | 17.18 0.74 -0.06 | 19.78 0.94 -0.37 | 21.81 1.17 0.00 | 20.73 1.15 0.00 | 21.26 1.25 0.00 | 23.67 1.36 0.00 | 22.98 1.21 0.00 | 20.11 1.09 0.00 | 18.92 0.99 0.00 | 18.83 0.95 0.00 | 18.72 0.93 0.00 | 18.43 0.97 0.00 | 17.58 0.97 0.00 | 19.54 1.15 0.00 | 20.67 1.30 0.00 | 21.14 1.34 0.00 | 24.23 1.41 0.00 | 22.27 1.26 0.00 | 20.04 0.98 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 19.37 0.26 0.00 | 16.80 0.20 0.00 | 15.94 0.20 0.00 | 15.55 0.21 0.00 | 16.02 0.23 0.00 | 16.62 0.24 0.00 | 18.80 0.32 0.00 | 21.05 0.41 0.00 | 19.86 0.28 0.00 | 20.00 -0.01 0.00 | 22.32 0.01 0.00 | 21.81 0.03 0.00 | 19.01 0.00 0.00 | 17.85 -0.08 0.00 | 6.81 -0.13 10.94 | 17.57 -0.21 0.00 | 17.09 -0.36 0.00 | 16.31 -0.30 0.00 | 18.03 -0.36 0.00 | 18.92 -0.44 0.00 | 19.37 -0.43 0.00 | 22.46 -0.36 0.00 | 20.67 -0.34 0.00 | 18.81 -0.24 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 20.25 0.99 -0.15 | 18.46 0.81 -1.05 | 16.93 0.74 -0.45 | 16.81 0.70 -0.78 | 16.83 0.71 -0.34 | 17.36 0.73 -0.25 | 20.92 0.83 -1.62 | 21.63 0.98 0.00 | 20.56 0.98 0.00 | 21.11 1.11 0.00 | 23.65 1.34 0.00 | 23.08 1.32 0.00 | 20.18 1.16 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.08 1.29 0.00 | 18.82 1.36 0.00 | 17.99 1.38 0.00 | 19.81 1.43 0.00 | 20.81 1.45 0.00 | 21.28 1.48 0.00 | 24.33 1.51 0.00 | 22.31 1.30 0.00 | 20.07 1.01 0.00 |
| KCE_NY_1 323755 | 21.67 1.03 -1.52 | 28.53 0.90 -11.03 | 21.33 0.86 -4.74 | 24.34 0.84 -8.16 | 20.19 0.89 -3.52 | 19.88 0.92 -2.58 | 36.44 1.02 -16.95 | 21.74 1.10 0.00 | 20.54 0.97 0.00 | 20.96 0.96 0.00 | 23.38 1.07 0.00 | 22.84 1.06 0.00 | 19.86 0.85 0.00 | 18.75 0.81 0.00 | 18.64 0.76 0.00 | 18.52 0.73 0.00 | 18.29 0.83 0.00 | 17.50 0.89 0.00 | 19.48 1.09 0.00 | 21.04 1.22 -0.46 | 21.01 1.22 0.00 | 24.05 1.22 0.00 | 22.01 1.00 0.00 | 19.92 0.86 0.00 |
| KCE_NY_6_ESR 323823 | 18.72 -0.40 0.00 | 16.30 -0.30 0.00 | 15.42 -0.32 0.00 | 15.07 -0.27 0.00 | 15.51 -0.27 0.00 | 16.16 -0.22 0.00 | 18.27 -0.20 0.00 | 20.52 -0.12 0.00 | 19.53 -0.05 0.00 | 20.16 0.15 0.00 | 22.64 0.33 0.00 | 22.10 0.33 0.00 | 19.39 0.38 0.00 | 18.19 0.26 0.00 | 18.10 0.22 0.00 | 17.91 0.12 0.00 | 17.56 0.10 0.00 | 16.57 -0.04 0.00 | 18.58 0.19 0.00 | 19.78 0.41 0.00 | 20.08 0.28 0.00 | 23.07 0.25 0.00 | 21.54 0.53 0.00 | 19.33 0.28 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 21.87 1.65 -1.10 | 18.93 1.31 -1.02 | 17.33 1.15 -0.44 | 17.17 1.08 -0.76 | 17.26 1.15 -0.33 | 17.82 1.20 -0.24 | 21.42 1.38 -1.57 | 22.10 1.46 0.00 | 74.12 1.19 -53.36 | 39.93 1.44 -18.48 | 36.24 1.78 -12.16 | 63.28 1.54 -39.97 | 20.47 1.45 0.00 | 21.94 1.46 -2.55 | 26.91 1.56 -7.47 | 29.52 1.66 -10.07 | 20.93 1.71 -1.76 | 19.33 1.60 -1.13 | 19.99 1.60 0.00 | 20.78 1.42 0.00 | 21.60 1.80 0.00 | 24.56 1.74 0.00 | 22.55 1.54 0.00 | 20.31 1.26 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 21.87 1.65 -1.10 | 18.93 1.31 -1.02 | 17.33 1.15 -0.44 | 17.17 1.08 -0.76 | 17.26 1.15 -0.33 | 17.82 1.20 -0.24 | 21.42 1.38 -1.57 | 22.10 1.46 0.00 | 74.12 1.19 -53.36 | 39.93 1.44 -18.48 | 36.24 1.78 -12.16 | 63.28 1.54 -39.97 | 20.47 1.45 0.00 | 21.94 1.46 -2.55 | 26.91 1.56 -7.47 | 29.52 1.66 -10.07 | 20.93 1.71 -1.76 | 19.33 1.60 -1.13 | 19.99 1.60 0.00 | 20.78 1.42 0.00 | 21.60 1.80 0.00 | 24.56 1.74 0.00 | 22.55 1.54 0.00 | 20.31 1.26 0.00 |
| KEDC_GLWD_GT4 24219 | 21.47 1.25 -1.10 | 18.63 1.01 -1.02 | 17.09 0.91 -0.44 | 16.95 0.85 -0.76 | 17.00 0.89 -0.33 | 17.53 0.91 -0.24 | 21.08 1.03 -1.57 | 21.83 1.19 0.00 | 74.57 1.11 -53.88 | 39.74 1.25 -18.48 | 36.05 1.58 -12.16 | 63.29 1.56 -39.97 | 20.43 1.41 0.00 | 21.88 1.40 -2.55 | 26.82 1.47 -7.47 | 29.42 1.56 -10.07 | 20.84 1.62 -1.76 | 19.30 1.56 -1.13 | 19.91 1.52 0.00 | 20.85 1.49 0.00 | 21.51 1.72 0.00 | 24.56 1.74 0.00 | 22.52 1.51 0.00 | 20.25 1.20 0.00 |
| KEDC_GLWD_GT5 24220 | 21.47 1.25 -1.10 | 18.63 1.01 -1.02 | 17.09 0.91 -0.44 | 16.95 0.85 -0.76 | 17.00 0.89 -0.33 | 17.53 0.91 -0.24 | 21.08 1.03 -1.57 | 21.83 1.19 0.00 | 74.57 1.11 -53.88 | 39.74 1.25 -18.48 | 36.05 1.58 -12.16 | 63.29 1.56 -39.97 | 20.43 1.41 0.00 | 21.88 1.40 -2.55 | 26.82 1.47 -7.47 | 29.42 1.56 -10.07 | 20.84 1.62 -1.76 | 19.30 1.56 -1.13 | 19.91 1.52 0.00 | 20.85 1.49 0.00 | 21.51 1.72 0.00 | 24.56 1.74 0.00 | 22.52 1.51 0.00 | 20.25 1.20 0.00 |

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|---|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| KENSICO____ 23655 | 20.20 0.94 -0.14 | 18.39 0.77 -1.02 | 16.88 0.71 -0.44 | 16.76 0.66 -0.75 | 16.79 0.68 -0.33 | 17.31 0.68 -0.24 | 20.81 0.77 -1.57 | 21.56 0.91 0.00 | 20.49 0.91 0.00 | 21.04 1.04 0.00 | 23.58 1.27 0.00 | 23.01 1.24 0.00 | 20.11 1.09 0.00 | 19.02 1.08 0.00 | 19.03 1.15 0.00 | 19.02 1.23 0.00 | 18.76 1.30 0.00 | 17.93 1.32 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.25 1.42 0.00 | 22.24 1.24 0.00 | 20.02 0.96 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 20.09 0.78 -0.18 | 18.53 0.60 -1.33 | 16.84 0.54 -0.57 | 16.81 0.49 -0.98 | 16.72 0.51 -0.42 | 17.22 0.52 -0.31 | 21.15 0.64 -2.04 | 21.47 0.83 0.00 | 20.39 0.82 0.00 | 20.89 0.88 0.00 | 23.49 1.18 0.00 | 22.92 1.15 0.00 | 19.97 0.96 0.00 | 18.77 0.84 0.00 | 18.82 0.94 0.00 | 18.76 0.98 0.00 | 18.55 1.09 0.00 | 17.75 1.14 0.00 | 19.58 1.20 0.00 | 20.52 1.24 0.08 | 21.10 1.30 0.00 | 24.30 1.48 0.00 | 22.27 1.27 0.00 | 20.02 0.96 0.00 |
| KIAC_JFK_GT1 23816 | 20.27 1.01 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.81 0.71 -0.76 | 16.83 0.72 -0.33 | 17.36 0.73 -0.24 | 20.78 0.73 -1.57 | 21.53 0.89 0.00 | 21.25 0.92 -0.75 | 21.02 1.02 0.00 | 23.53 1.23 0.01 | 22.95 1.19 0.01 | 20.06 1.05 0.00 | 18.98 1.04 0.00 | 18.96 1.08 0.00 | 19.01 1.22 0.00 | 18.71 1.25 0.00 | 17.82 1.21 0.00 | 19.62 1.24 0.00 | 20.62 1.26 0.00 | 21.07 1.28 0.00 | 24.23 1.40 0.00 | 22.29 1.29 0.00 | 20.03 0.97 0.00 |
| KIAC_JFK_GT2 23817 | 20.27 1.01 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.81 0.71 -0.76 | 16.83 0.72 -0.33 | 17.36 0.73 -0.24 | 20.78 0.73 -1.57 | 21.53 0.89 0.00 | 21.25 0.92 -0.75 | 21.02 1.02 0.00 | 23.53 1.23 0.01 | 22.95 1.19 0.01 | 20.06 1.05 0.00 | 18.98 1.04 0.00 | 18.96 1.08 0.00 | 19.01 1.22 0.00 | 18.71 1.25 0.00 | 17.82 1.21 0.00 | 19.62 1.24 0.00 | 20.62 1.26 0.00 | 21.07 1.28 0.00 | 24.23 1.40 0.00 | 22.29 1.29 0.00 | 20.03 0.97 0.00 |
| KIAC_JFK____ 323774 | 20.27 1.01 -0.14 | 18.47 0.85 -1.02 | 16.95 0.77 -0.44 | 16.81 0.71 -0.76 | 16.83 0.72 -0.33 | 17.35 0.73 -0.24 | 20.78 0.73 -1.57 | 21.53 0.89 0.00 | 21.25 0.92 -0.75 | 21.02 1.01 0.00 | 23.52 1.22 0.01 | 22.94 1.18 0.01 | 20.06 1.05 0.00 | 18.98 1.04 0.00 | 18.96 1.08 0.00 | 19.01 1.22 0.00 | 18.71 1.25 0.00 | 17.82 1.21 0.00 | 19.63 1.24 0.00 | 20.62 1.26 0.00 | 21.07 1.28 0.00 | 24.23 1.40 0.00 | 22.29 1.29 0.00 | 20.03 0.97 0.00 |
| KINTIGH____ 23543 | 18.41 -0.71 0.00 | 16.03 -0.57 0.00 | 15.19 -0.54 0.00 | 14.84 -0.49 0.00 | 15.26 -0.52 0.00 | 15.89 -0.50 0.00 | 17.93 -0.54 0.00 | 20.12 -0.52 0.00 | 19.12 -0.46 0.00 | 19.72 -0.28 0.00 | 22.11 -0.20 0.00 | 21.59 -0.18 0.00 | 18.95 -0.07 0.00 | 17.77 -0.17 0.00 | 17.67 -0.21 0.00 | 17.49 -0.30 0.00 | 17.14 -0.32 0.00 | 16.16 -0.45 0.00 | 18.11 -0.27 0.00 | 19.27 -0.09 0.00 | 19.58 -0.22 0.00 | 22.50 -0.32 0.00 | 21.00 -0.01 0.00 | 18.94 -0.11 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 19.91 0.79 0.00 | 17.20 0.60 0.00 | 16.30 0.56 0.00 | 15.90 0.56 0.00 | 16.39 0.61 0.00 | 17.03 0.65 0.00 | 19.30 0.82 0.00 | 21.63 0.99 0.00 | 20.35 0.78 0.00 | 20.40 0.39 0.00 | 22.77 0.46 0.00 | 22.24 0.47 0.00 | 19.35 0.34 0.00 | 18.16 0.22 0.00 | 11.42 0.20 6.65 | 17.89 0.11 0.00 | 17.35 -0.11 0.00 | 16.62 0.01 0.00 | 18.36 -0.03 0.00 | 19.33 -0.03 0.00 | 19.77 -0.02 0.00 | 22.84 0.02 0.00 | 21.04 0.03 0.00 | 19.21 0.15 0.00 |
| LACHUTE__HYDRO 323717 | 22.61 1.95 -1.54 | 29.45 1.72 -11.13 | 22.16 1.64 -4.78 | 25.22 1.64 -8.24 | 21.04 1.71 -3.55 | 20.79 1.80 -2.60 | 37.68 2.10 -17.11 | 22.75 2.11 0.00 | 21.47 1.89 0.00 | 21.85 1.84 0.00 | 24.21 1.90 0.00 | 23.71 1.94 0.00 | 20.53 1.52 0.00 | 19.26 1.32 0.00 | 19.08 1.20 0.00 | 18.95 1.16 0.00 | 18.71 1.25 0.00 | 18.00 1.39 0.00 | 20.17 1.78 0.00 | 21.93 2.13 -0.44 | 22.02 2.22 0.00 | 25.22 2.40 0.00 | 22.99 1.98 0.00 | 20.70 1.65 0.00 |
| LAWRNCV_115KV_TB1 80681 | 18.92 -0.20 0.00 | 16.58 -0.02 0.00 | 15.83 0.09 0.00 | 15.44 0.10 0.00 | 15.88 0.10 0.00 | 16.28 -0.11 0.00 | 18.42 -0.06 0.00 | 20.59 -0.05 0.00 | 19.48 -0.09 0.00 | 19.74 -0.27 0.00 | 21.96 -0.35 0.00 | 21.39 -0.38 0.00 | 18.66 -0.35 0.00 | 17.43 -0.50 0.00 | -61.28 -0.65 78.51 | 17.10 -0.68 0.00 | 16.68 -0.78 0.00 | 15.84 -0.77 0.00 | 17.53 -0.86 0.00 | 18.40 -0.96 0.00 | 18.93 -0.87 0.00 | 22.15 -0.67 0.00 | 20.55 -0.46 0.00 | 18.69 -0.36 0.00 |
| LEDERLE____ 23769 | 20.15 0.90 -0.13 | 18.29 0.73 -0.96 | 16.82 0.67 -0.41 | 16.67 0.62 -0.71 | 16.73 0.64 -0.31 | 17.25 0.63 -0.22 | 20.67 0.72 -1.48 | 21.52 0.87 0.00 | 20.46 0.89 0.00 | 21.01 1.00 0.00 | 23.56 1.25 0.00 | 23.01 1.24 0.00 | 20.11 1.10 0.00 | 19.03 1.10 0.00 | 19.04 1.17 0.00 | 19.03 1.25 0.00 | 18.78 1.32 0.00 | 17.93 1.32 0.00 | 19.77 1.38 0.00 | 20.74 1.38 0.00 | 21.20 1.40 0.00 | 24.24 1.41 0.00 | 22.24 1.23 0.00 | 20.00 0.94 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 19.10 -0.02 0.00 | 16.57 -0.03 0.00 | 15.70 -0.04 0.00 | 15.31 -0.03 0.00 | 15.76 -0.03 0.00 | 16.38 -0.01 0.00 | 18.48 0.01 0.00 | 20.66 0.02 0.00 | 19.60 0.03 0.00 | 20.05 0.04 0.00 | 22.29 -0.02 0.00 | 21.72 -0.05 0.00 | 18.95 -0.06 0.00 | 17.80 -0.13 0.00 | 10.00 -0.18 7.70 | 17.56 -0.22 0.00 | 17.18 -0.28 0.00 | 16.37 -0.24 0.00 | 18.22 -0.17 0.00 | 19.32 -0.05 0.00 | 19.86 0.06 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.06 0.01 0.00 |
| LINDEN COGEN____ 23786 | 20.26 0.99 -0.14 | 18.44 0.81 -1.02 | 16.92 0.75 -0.44 | 16.78 0.68 -0.76 | 16.81 0.70 -0.33 | 17.33 0.70 -0.24 | 20.79 0.74 -1.57 | 21.53 0.89 0.00 | 20.50 0.92 0.00 | 21.04 1.03 0.00 | 23.58 1.28 0.00 | 23.00 1.23 0.00 | 20.11 1.09 0.00 | 19.02 1.09 0.00 | 19.03 1.15 0.00 | 19.04 1.26 0.00 | 18.77 1.31 0.00 | 17.92 1.31 0.00 | 19.74 1.35 0.00 | 20.71 1.35 0.00 | 21.19 1.39 0.00 | 24.27 1.45 0.00 | 22.29 1.28 0.00 | 20.04 0.99 0.00 |
| LINDHRST_69_KV_BK1 356055 | 21.87 1.65 -1.10 | 18.94 1.32 -1.02 | 17.35 1.18 -0.44 | 17.20 1.10 -0.76 | 17.27 1.16 -0.33 | 17.83 1.20 -0.24 | 21.44 1.39 -1.57 | 22.17 1.52 0.00 | 74.05 1.33 -53.14 | 40.16 1.67 -18.48 | 36.45 1.99 -12.16 | 63.52 1.78 -39.97 | 20.65 1.63 0.00 | 22.14 1.66 -2.55 | 27.10 1.75 -7.47 | 29.72 1.86 -10.07 | 21.11 1.89 -1.76 | 19.64 1.91 -1.13 | 20.33 1.94 0.00 | 21.18 1.82 0.00 | 21.81 2.01 0.00 | 24.86 2.03 0.00 | 22.81 1.80 0.00 | 20.51 1.46 0.00 |
| LIPA_MISC_IPP 23656 | 21.86 1.64 -1.10 | 18.91 1.29 -1.02 | 17.31 1.14 -0.44 | 17.16 1.07 -0.76 | 17.25 1.14 -0.33 | 17.82 1.20 -0.24 | 21.41 1.36 -1.57 | 22.10 1.46 0.00 | 74.11 1.18 -53.35 | 39.95 1.47 -18.48 | 36.23 1.76 -12.16 | 63.27 1.53 -39.97 | 20.45 1.44 0.00 | 21.96 1.48 -2.55 | 26.95 1.60 -7.47 | 29.56 1.70 -10.07 | 20.97 1.75 -1.76 | 19.48 1.74 -1.13 | 20.15 1.76 0.00 | 20.94 1.57 0.00 | 21.60 1.81 0.00 | 24.57 1.75 0.00 | 22.53 1.52 0.00 | 20.25 1.20 0.00 |
| LISF__SOLAR 323691 | 21.89 1.67 -1.10 | 18.95 1.33 -1.02 | 17.34 1.16 -0.44 | 17.19 1.09 -0.76 | 17.28 1.17 -0.33 | 17.84 1.22 -0.24 | 21.44 1.39 -1.57 | 22.13 1.49 0.00 | 74.14 1.21 -53.35 | 39.97 1.48 -18.48 | 36.24 1.78 -12.16 | 63.27 1.54 -39.97 | 20.46 1.45 0.00 | 21.97 1.49 -2.55 | 26.97 1.62 -7.47 | 29.59 1.73 -10.07 | 21.00 1.78 -1.76 | 19.51 1.78 -1.13 | 20.20 1.81 0.00 | 20.99 1.63 0.00 | 21.65 1.85 0.00 | 24.63 1.80 0.00 | 22.58 1.57 0.00 | 20.29 1.24 0.00 |

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|---------------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LITTLE FALLS___HYD 24013 | 19.51 0.39 0.00 | 16.98 0.38 0.00 | 16.09 0.36 0.00 | 15.69 0.35 0.00 | 16.17 0.39 0.00 | 16.78 0.40 0.00 | 18.92 0.45 0.00 | 21.02 0.38 0.00 | 19.72 0.15 0.00 | 20.17 0.16 0.00 | 22.50 0.19 0.00 | 22.00 0.23 0.00 | 19.12 0.10 0.00 | 18.06 0.12 0.00 | 16.41 0.15 1.62 | 17.88 0.10 0.00 | 17.59 0.13 0.00 | 16.85 0.24 0.00 | 18.73 0.34 0.00 | 19.87 0.51 0.00 | 20.31 0.51 0.00 | 23.23 0.40 0.00 | 21.30 0.30 0.00 | 19.25 0.20 0.00 |
| LITTLRIV_115KV_TB1 356100 | 19.11 -0.01 0.00 | 16.74 0.14 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.47 0.09 0.00 | 18.66 0.19 0.00 | 20.86 0.21 0.00 | 19.73 0.15 0.00 | 19.98 -0.03 0.00 | 22.20 -0.11 0.00 | 21.63 -0.14 0.00 | 18.84 -0.17 0.00 | 17.61 -0.32 0.00 | -57.65 -0.52 75.01 | 17.23 -0.55 0.00 | 16.80 -0.66 0.00 | 15.96 -0.65 0.00 | 17.65 -0.74 0.00 | 18.57 -0.79 0.00 | 19.17 -0.63 0.00 | 22.47 -0.36 0.00 | 20.82 -0.19 0.00 | 18.91 -0.14 0.00 |
| LI_NEWBRDGE___DRP 323616 | 21.49 1.27 -1.10 | 18.64 1.02 -1.02 | 17.08 0.90 -0.44 | 16.94 0.84 -0.76 | 17.00 0.89 -0.33 | 17.55 0.92 -0.24 | 21.10 1.05 -1.57 | 21.79 1.15 0.00 | 73.71 1.02 -53.12 | 39.90 1.41 -18.48 | 36.15 1.68 -12.16 | 63.19 1.45 -39.97 | 20.31 1.30 0.00 | 21.79 1.31 -2.55 | 26.73 1.39 -7.47 | 29.33 1.47 -10.07 | 20.75 1.53 -1.76 | 19.29 1.55 -1.13 | 19.95 1.56 0.00 | 20.81 1.45 0.00 | 21.40 1.61 0.00 | 24.41 1.59 0.00 | 22.41 1.40 0.00 | 20.18 1.12 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 18.45 -0.67 0.00 | 16.06 -0.54 0.00 | 15.22 -0.51 0.00 | 14.87 -0.46 0.00 | 15.28 -0.50 0.00 | 15.94 -0.44 0.00 | 17.99 -0.48 0.00 | 20.19 -0.46 0.00 | 19.19 -0.38 0.00 | 19.80 -0.20 0.00 | 22.25 -0.06 0.00 | 21.71 -0.06 0.00 | 19.07 0.05 0.00 | 17.86 -0.07 0.00 | 17.76 -0.12 0.00 | 17.53 -0.25 0.00 | 17.20 -0.26 0.00 | 16.22 -0.39 0.00 | 18.20 -0.19 0.00 | 19.42 0.06 0.00 | 19.73 -0.07 0.00 | 22.68 -0.14 0.00 | 21.23 0.23 0.00 | 19.10 0.05 0.00 |
| LOCKPORT___CC1 323769 | 18.44 -0.69 0.00 | 16.09 -0.51 0.00 | 15.22 -0.52 0.00 | 14.87 -0.47 0.00 | 15.28 -0.50 0.00 | 15.95 -0.44 0.00 | 17.99 -0.49 0.00 | 20.17 -0.47 0.00 | 19.18 -0.39 0.00 | 19.80 -0.21 0.00 | 22.24 -0.07 0.00 | 21.72 -0.05 0.00 | 19.06 0.05 0.00 | 17.85 -0.08 0.00 | 17.75 -0.12 0.00 | 17.53 -0.25 0.00 | 17.19 -0.27 0.00 | 16.21 -0.40 0.00 | 18.19 -0.20 0.00 | 19.40 0.04 0.00 | 19.70 -0.09 0.00 | 22.66 -0.17 0.00 | 21.21 0.21 0.00 | 19.09 0.03 0.00 |
| LOCKPORT___CC2 323770 | 18.44 -0.69 0.00 | 16.09 -0.51 0.00 | 15.22 -0.52 0.00 | 14.87 -0.47 0.00 | 15.28 -0.50 0.00 | 15.95 -0.44 0.00 | 17.99 -0.49 0.00 | 20.17 -0.47 0.00 | 19.18 -0.39 0.00 | 19.80 -0.21 0.00 | 22.24 -0.07 0.00 | 21.72 -0.05 0.00 | 19.06 0.05 0.00 | 17.85 -0.08 0.00 | 17.75 -0.12 0.00 | 17.53 -0.25 0.00 | 17.19 -0.27 0.00 | 16.21 -0.40 0.00 | 18.19 -0.20 0.00 | 19.40 0.04 0.00 | 19.70 -0.09 0.00 | 22.66 -0.17 0.00 | 21.21 0.21 0.00 | 19.09 0.03 0.00 |
| LOCKPORT___CC3 323771 | 18.44 -0.69 0.00 | 16.09 -0.51 0.00 | 15.22 -0.52 0.00 | 14.87 -0.47 0.00 | 15.28 -0.50 0.00 | 15.95 -0.44 0.00 | 17.99 -0.49 0.00 | 20.17 -0.47 0.00 | 19.18 -0.39 0.00 | 19.80 -0.21 0.00 | 22.24 -0.07 0.00 | 21.72 -0.05 0.00 | 19.06 0.05 0.00 | 17.85 -0.08 0.00 | 17.75 -0.12 0.00 | 17.53 -0.25 0.00 | 17.19 -0.27 0.00 | 16.21 -0.40 0.00 | 18.19 -0.20 0.00 | 19.40 0.04 0.00 | 19.70 -0.09 0.00 | 22.66 -0.17 0.00 | 21.21 0.21 0.00 | 19.09 0.03 0.00 |
| LONG_LAKE_PHOENIX 24014 | 18.87 -0.25 0.00 | 16.37 -0.23 0.00 | 15.51 -0.23 0.00 | 15.12 -0.22 0.00 | 15.56 -0.22 0.00 | 16.16 -0.22 0.00 | 18.21 -0.26 0.00 | 20.36 -0.29 0.00 | 19.32 -0.26 0.00 | 19.79 -0.22 0.00 | 22.04 -0.27 0.00 | 21.49 -0.29 0.00 | 18.76 -0.26 0.00 | 17.69 -0.24 0.00 | 15.15 -0.26 2.46 | 17.51 -0.28 0.00 | 17.22 -0.24 0.00 | 16.40 -0.21 0.00 | 18.22 -0.17 0.00 | 19.25 -0.12 0.00 | 19.65 -0.15 0.00 | 22.55 -0.27 0.00 | 20.78 -0.23 0.00 | 18.89 -0.16 0.00 |
| LOVETT___3 23632 | 20.07 0.81 -0.13 | 18.22 0.66 -0.97 | 16.75 0.60 -0.41 | 16.61 0.56 -0.72 | 16.66 0.57 -0.31 | 17.18 0.57 -0.23 | 20.59 0.63 -1.49 | 21.41 0.77 0.00 | 20.36 0.78 0.00 | 20.90 0.89 0.00 | 23.42 1.11 0.00 | 22.87 1.10 0.00 | 19.99 0.98 0.00 | 18.91 0.98 0.00 | 18.92 1.04 0.00 | 18.91 1.13 0.00 | 18.66 1.20 0.00 | 17.81 1.20 0.00 | 19.64 1.25 0.00 | 20.61 1.25 0.00 | 21.07 1.27 0.00 | 24.10 1.27 0.00 | 22.11 1.10 0.00 | 19.90 0.85 0.00 |
| LOVETT___4 23642 | 20.07 0.81 -0.13 | 18.22 0.66 -0.97 | 16.75 0.60 -0.41 | 16.61 0.56 -0.72 | 16.66 0.57 -0.31 | 17.18 0.57 -0.23 | 20.59 0.63 -1.49 | 21.41 0.77 0.00 | 20.36 0.78 0.00 | 20.90 0.89 0.00 | 23.42 1.11 0.00 | 22.87 1.10 0.00 | 19.99 0.98 0.00 | 18.91 0.98 0.00 | 18.92 1.04 0.00 | 18.91 1.13 0.00 | 18.66 1.20 0.00 | 17.81 1.20 0.00 | 19.64 1.25 0.00 | 20.61 1.25 0.00 | 21.07 1.27 0.00 | 24.10 1.27 0.00 | 22.11 1.10 0.00 | 19.90 0.85 0.00 |
| LOVETT___5 23593 | 20.07 0.81 -0.13 | 18.22 0.66 -0.97 | 16.75 0.60 -0.41 | 16.61 0.56 -0.72 | 16.66 0.57 -0.31 | 17.18 0.57 -0.23 | 20.59 0.63 -1.49 | 21.41 0.77 0.00 | 20.36 0.78 0.00 | 20.90 0.89 0.00 | 23.42 1.11 0.00 | 22.87 1.10 0.00 | 19.99 0.98 0.00 | 18.91 0.98 0.00 | 18.92 1.04 0.00 | 18.91 1.13 0.00 | 18.66 1.20 0.00 | 17.81 1.20 0.00 | 19.64 1.25 0.00 | 20.61 1.25 0.00 | 21.07 1.27 0.00 | 24.10 1.27 0.00 | 22.11 1.10 0.00 | 19.90 0.85 0.00 |
| LOWER RAQUET___HYD 24057 | 18.95 -0.17 0.00 | 16.59 0.00 0.00 | 15.84 0.11 0.00 | 15.45 0.12 0.00 | 15.89 0.11 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.63 -0.01 0.00 | 19.52 -0.06 0.00 | 19.78 -0.23 0.00 | 21.99 -0.32 0.00 | 21.40 -0.37 0.00 | 18.67 -0.35 0.00 | 17.41 -0.52 0.00 | -54.53 -0.69 71.72 | 17.07 -0.72 0.00 | 16.64 -0.82 0.00 | 15.79 -0.82 0.00 | 17.48 -0.92 0.00 | 18.36 -1.01 0.00 | 18.90 -0.90 0.00 | 22.13 -0.69 0.00 | 20.56 -0.45 0.00 | 18.72 -0.34 0.00 |
| LOWER___HUDSON 24059 | 21.30 0.84 -1.34 | 27.08 0.77 -9.71 | 20.65 0.74 -4.17 | 23.25 0.72 -7.19 | 19.62 0.74 -3.10 | 19.40 0.75 -2.27 | 34.18 0.77 -14.93 | 21.41 0.77 0.00 | 20.24 0.66 0.00 | 20.67 0.66 0.00 | 23.08 0.77 0.00 | 22.57 0.80 0.00 | 19.69 0.68 0.00 | 18.61 0.67 0.00 | 18.53 0.66 0.00 | 18.36 0.57 0.00 | 18.13 0.67 0.00 | 17.35 0.73 0.00 | 19.24 0.85 0.00 | 21.09 0.95 -0.77 | 20.70 0.90 0.00 | 23.69 0.87 0.00 | 21.71 0.70 0.00 | 19.68 0.62 0.00 |
| LOWVILLE_115KV_TB2 356335 | 19.63 0.51 0.00 | 17.05 0.45 0.00 | 16.18 0.44 0.00 | 15.78 0.44 0.00 | 16.25 0.46 0.00 | 16.87 0.49 0.00 | 19.09 0.62 0.00 | 21.36 0.72 0.00 | 20.26 0.68 0.00 | 20.65 0.64 0.00 | 22.95 0.64 0.00 | 22.32 0.55 0.00 | 19.51 0.50 0.00 | 18.28 0.35 0.00 | -2.35 0.27 20.50 | 18.00 0.22 0.00 | 17.58 0.13 0.00 | 16.73 0.12 0.00 | 18.60 0.21 0.00 | 19.76 0.39 0.00 | 20.40 0.60 0.00 | 23.54 0.72 0.00 | 21.50 0.50 0.00 | 19.45 0.39 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 21.67 1.03 -1.52 | 28.54 0.91 -11.03 | 21.33 0.86 -4.74 | 24.34 0.85 -8.16 | 20.18 0.88 -3.52 | 19.88 0.92 -2.58 | 36.45 1.03 -16.95 | 21.73 1.09 0.00 | 20.55 0.97 0.00 | 20.97 0.97 0.00 | 23.38 1.07 0.00 | 22.85 1.08 0.00 | 19.87 0.86 0.00 | 18.74 0.80 0.00 | 18.63 0.75 0.00 | 18.52 0.73 0.00 | 18.28 0.82 0.00 | 17.49 0.88 0.00 | 19.47 1.08 0.00 | 21.02 1.20 -0.46 | 21.00 1.20 0.00 | 24.05 1.22 0.00 | 22.02 1.01 0.00 | 19.91 0.86 0.00 |

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|---------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LUTHERNY_35_KV_BK2 355980 | 21.67 1.03 -1.52 | 28.53 0.91 -11.03 | 21.33 0.86 -4.74 | 24.34 0.84 -8.16 | 20.19 0.89 -3.52 | 19.89 0.92 -2.58 | 36.44 1.02 -16.95 | 21.74 1.10 0.00 | 20.54 0.97 0.00 | 20.96 0.96 0.00 | 23.38 1.07 0.00 | 22.84 1.06 0.00 | 19.86 0.85 0.00 | 18.75 0.81 0.00 | 18.64 0.76 0.00 | 18.52 0.73 0.00 | 18.29 0.83 0.00 | 17.50 0.89 0.00 | 19.48 1.09 0.00 | 21.04 1.22 -0.46 | 21.01 1.22 0.00 | 24.05 1.22 0.00 | 22.01 1.00 0.00 | 19.92 0.86 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.05 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| LYONS_FALL_HYD 23570 | 19.60 0.48 0.00 | 17.00 0.40 0.00 | 16.13 0.40 0.00 | 15.73 0.39 0.00 | 16.19 0.41 0.00 | 16.82 0.44 0.00 | 19.03 0.56 0.00 | 21.29 0.64 0.00 | 20.20 0.63 0.00 | 20.62 0.61 0.00 | 22.94 0.63 0.00 | 22.33 0.55 0.00 | 19.50 0.49 0.00 | 18.33 0.40 0.00 | 4.62 0.34 13.60 | 18.10 0.32 0.00 | 17.71 0.25 0.00 | 16.87 0.25 0.00 | 18.72 0.33 0.00 | 19.85 0.49 0.00 | 20.42 0.63 0.00 | 23.53 0.71 0.00 | 21.55 0.54 0.00 | 19.48 0.42 0.00 |
| MADISON___COUNTY_LFGE 323628 | 19.61 0.49 0.00 | 17.00 0.40 0.00 | 16.11 0.38 0.00 | 15.71 0.37 0.00 | 16.17 0.39 0.00 | 16.82 0.43 0.00 | 19.02 0.54 0.00 | 21.28 0.64 0.00 | 20.21 0.64 0.00 | 20.67 0.66 0.00 | 23.03 0.72 0.00 | 22.39 0.61 0.00 | 19.56 0.55 0.00 | 18.46 0.52 0.00 | 14.25 0.50 4.14 | 18.29 0.50 0.00 | 17.94 0.48 0.00 | 17.10 0.49 0.00 | 18.96 0.57 0.00 | 20.07 0.70 0.00 | 20.56 0.76 0.00 | 23.64 0.82 0.00 | 21.71 0.70 0.00 | 19.62 0.57 0.00 |
| MALONE___115KV_TB1 356076 | 19.43 0.31 0.00 | 16.88 0.28 0.00 | 16.04 0.30 0.00 | 15.64 0.30 0.00 | 16.11 0.33 0.00 | 16.68 0.30 0.00 | 18.88 0.41 0.00 | 21.15 0.51 0.00 | 19.95 0.38 0.00 | 20.13 0.12 0.00 | 22.44 0.13 0.00 | 21.91 0.14 0.00 | 19.10 0.09 0.00 | 17.89 -0.04 0.00 | -8.45 -0.12 26.20 | 17.60 -0.18 0.00 | 17.12 -0.34 0.00 | 16.34 -0.27 0.00 | 18.09 -0.30 0.00 | 18.97 -0.39 0.00 | 19.46 -0.34 0.00 | 22.62 -0.21 0.00 | 20.85 -0.16 0.00 | 18.95 -0.10 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 21.04 0.80 -1.12 | 25.44 0.76 -8.09 | 19.94 0.73 -3.47 | 22.03 0.70 -5.99 | 19.09 0.72 -2.58 | 19.00 0.72 -1.89 | 31.62 0.72 -12.43 | 21.26 0.62 0.00 | 20.11 0.54 0.00 | 20.58 0.58 0.00 | 22.97 0.66 0.00 | 22.49 0.72 0.00 | 19.65 0.63 0.00 | 18.57 0.64 0.00 | 18.51 0.63 0.00 | 18.35 0.57 0.00 | 18.11 0.65 0.00 | 17.32 0.71 0.00 | 19.19 0.80 0.00 | 20.97 0.87 -0.74 | 20.60 0.81 0.00 | 23.57 0.75 0.00 | 21.61 0.60 0.00 | 19.58 0.53 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 18.98 -0.14 0.00 | 16.49 -0.10 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.71 -0.08 0.00 | 16.30 -0.09 0.00 | 18.39 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.10 -0.21 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.75 -0.19 0.00 | 21.17 -0.22 -3.51 | 17.54 -0.24 0.00 | 17.17 -0.29 0.00 | 16.32 -0.30 0.00 | 18.05 -0.34 0.00 | 18.95 -0.41 0.00 | 19.42 -0.37 0.00 | 22.49 -0.34 0.00 | 20.68 -0.33 0.00 | 18.72 -0.33 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 18.98 -0.14 0.00 | 16.49 -0.10 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.71 -0.08 0.00 | 16.30 -0.09 0.00 | 18.39 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.10 -0.21 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.75 -0.19 0.00 | 21.17 -0.22 -3.51 | 17.54 -0.24 0.00 | 17.17 -0.29 0.00 | 16.32 -0.30 0.00 | 18.05 -0.34 0.00 | 18.95 -0.41 0.00 | 19.42 -0.37 0.00 | 22.49 -0.34 0.00 | 20.68 -0.33 0.00 | 18.72 -0.33 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 19.53 0.41 0.00 | 16.91 0.31 0.00 | 16.04 0.30 0.00 | 15.65 0.31 0.00 | 16.12 0.34 0.00 | 16.73 0.35 0.00 | 18.93 0.46 0.00 | 21.20 0.56 0.00 | 19.98 0.41 0.00 | 20.11 0.10 0.00 | 22.44 0.13 0.00 | 21.92 0.15 0.00 | 19.11 0.09 0.00 | 17.94 0.00 0.00 | 13.41 -0.04 4.43 | 17.66 -0.13 0.00 | 17.16 -0.30 0.00 | 16.39 -0.22 0.00 | 18.10 -0.29 0.00 | 19.02 -0.34 0.00 | 19.47 -0.33 0.00 | 22.54 -0.28 0.00 | 20.75 -0.26 0.00 | 18.91 -0.14 0.00 |
| MARSHVLE_115KV_TB1 80742 | 21.69 0.93 -1.64 | 28.90 0.45 -11.85 | 21.49 0.66 -5.09 | 24.79 0.68 -8.77 | 20.26 0.69 -3.78 | 19.98 0.82 -2.77 | 37.76 1.07 -18.21 | 22.02 1.38 0.00 | 20.32 0.74 0.00 | 21.26 1.25 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.14 1.12 0.00 | 18.98 1.05 0.00 | 18.94 1.06 0.00 | 18.90 1.11 0.00 | 18.46 1.00 0.00 | 17.68 1.07 0.00 | 19.64 1.25 0.00 | 20.79 1.25 -0.18 | 21.12 1.33 0.00 | 24.41 1.59 0.00 | 22.60 1.59 0.00 | 20.15 1.09 0.00 |
| MARSH_HILL_WT_PWR 323713 | 19.08 -0.04 0.00 | 16.56 -0.04 0.00 | 15.67 -0.06 0.00 | 15.33 -0.01 0.00 | 15.79 0.01 0.00 | 16.43 0.05 0.00 | 18.61 0.14 0.00 | 20.98 0.34 0.00 | 19.93 0.35 0.00 | 20.45 0.44 0.00 | 22.87 0.56 0.00 | 22.27 0.50 0.00 | 19.48 0.47 0.00 | 18.33 0.40 0.00 | 18.26 0.39 0.00 | 18.14 0.36 0.00 | 17.79 0.33 0.00 | 16.92 0.32 0.00 | 18.90 0.51 0.00 | 20.12 0.75 0.00 | 20.53 0.74 0.00 | 23.55 0.73 0.00 | 21.86 0.85 0.00 | 19.55 0.49 0.00 |
| MCINTYRE_115KV_TB2 80467 | 19.18 0.06 0.00 | 16.80 0.20 0.00 | 16.04 0.30 0.00 | 15.65 0.31 0.00 | 16.10 0.32 0.00 | 16.54 0.15 0.00 | 18.73 0.26 0.00 | 20.93 0.29 0.00 | 19.80 0.22 0.00 | 20.03 0.03 0.00 | 22.25 -0.06 0.00 | 21.70 -0.07 0.00 | 18.89 -0.13 0.00 | 17.69 -0.25 0.00 | -62.88 -0.45 80.30 | 17.30 -0.48 0.00 | 16.87 -0.59 0.00 | 16.05 -0.56 0.00 | 17.74 -0.65 0.00 | 18.66 -0.70 0.00 | 19.31 -0.49 0.00 | 22.64 -0.18 0.00 | 20.95 -0.06 0.00 | 19.00 -0.05 0.00 |
| MECO_____69_KV_BK1 80468 | 22.08 1.32 -1.64 | 29.30 0.85 -11.85 | 21.88 1.05 -5.09 | 25.19 1.08 -8.77 | 20.67 1.11 -3.78 | 20.43 1.27 -2.77 | 38.21 1.53 -18.21 | 22.27 1.63 0.00 | 19.72 0.15 0.00 | 20.67 0.66 0.00 | 23.16 0.85 0.00 | 22.68 0.91 0.00 | 19.62 0.60 0.00 | 18.37 0.43 0.00 | 18.48 0.60 0.00 | 18.85 1.06 0.00 | 17.99 0.53 0.00 | 18.19 1.58 0.00 | 20.22 1.83 0.00 | 21.56 2.00 -0.21 | 21.95 2.16 0.00 | 25.19 2.37 0.00 | 23.05 2.04 0.00 | 20.38 1.33 0.00 |
| MENANDS___115KV_TB5 355628 | 20.93 0.73 -1.08 | 25.11 0.71 -7.80 | 19.77 0.68 -3.35 | 21.77 0.66 -5.78 | 18.95 0.68 -2.49 | 18.88 0.67 -1.82 | 31.11 0.65 -11.99 | 21.13 0.49 0.00 | 19.99 0.42 0.00 | 20.46 0.45 0.00 | 22.83 0.52 0.00 | 22.36 0.59 0.00 | 19.54 0.53 0.00 | 18.47 0.54 0.00 | 18.43 0.55 0.00 | 18.26 0.48 0.00 | 18.03 0.57 0.00 | 17.23 0.62 0.00 | 19.07 0.69 0.00 | 20.66 0.74 -0.56 | 20.46 0.66 0.00 | 23.40 0.58 0.00 | 21.46 0.45 0.00 | 19.46 0.41 0.00 |
| MG INDUSTRY___DRP 24185 | 20.40 0.63 -0.65 | 21.87 0.58 -4.70 | 18.31 0.56 -2.02 | 19.36 0.55 -3.48 | 17.85 0.57 -1.50 | 18.06 0.58 -1.10 | 26.27 0.58 -7.22 | 21.10 0.46 0.00 | 19.92 0.34 0.00 | 20.32 0.32 0.00 | 22.59 0.28 0.00 | 22.22 0.44 0.00 | 19.41 0.40 0.00 | 18.28 0.34 0.00 | 18.26 0.38 0.00 | 18.18 0.40 0.00 | 17.88 0.43 0.00 | 17.12 0.51 0.00 | 18.96 0.57 0.00 | 19.30 0.65 0.71 | 20.46 0.67 0.00 | 23.43 0.61 0.00 | 21.50 0.49 0.00 | 19.50 0.44 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.05 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| MID___RAQUETTE_HYD 23851 | 18.95 -0.17 0.00 | 16.60 0.00 0.00 | 15.84 0.11 0.00 | 15.45 0.12 0.00 | 15.89 0.11 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.63 -0.01 0.00 | 19.52 -0.06 0.00 | 19.78 -0.23 0.00 | 21.98 -0.32 0.00 | 21.40 -0.37 0.00 | 18.67 -0.35 0.00 | 17.41 -0.52 0.00 | -54.53 -0.69 71.72 | 17.07 -0.72 0.00 | 16.64 -0.82 0.00 | 15.79 -0.82 0.00 | 17.48 -0.92 0.00 | 18.36 -1.00 0.00 | 18.90 -0.90 0.00 | 22.13 -0.69 0.00 | 20.56 -0.45 0.00 | 18.72 -0.34 0.00 |
| MILLIKEN___1 23584 | 19.43 0.31 0.00 | 16.84 0.25 0.00 | 15.96 0.22 0.00 | 15.56 0.23 0.00 | 16.01 0.22 0.00 | 16.63 0.24 0.00 | 18.79 0.32 0.00 | 21.07 0.43 0.00 | 20.01 0.44 0.00 | 20.49 0.48 0.00 | 22.82 0.51 0.00 | 22.19 0.42 0.00 | 19.40 0.38 0.00 | 18.23 0.30 0.00 | 16.94 0.29 1.22 | 18.04 0.25 0.00 | 17.74 0.29 0.00 | 16.95 0.33 0.00 | 18.87 0.48 0.00 | 20.01 0.65 0.00 | 20.47 0.67 0.00 | 23.49 0.67 0.00 | 21.60 0.59 0.00 | 19.53 0.47 0.00 |
| MILLIKEN___2 23585 | 19.43 0.31 0.00 | 16.84 0.25 0.00 | 15.96 0.22 0.00 | 15.56 0.23 0.00 | 16.01 0.22 0.00 | 16.63 0.24 0.00 | 18.79 0.32 0.00 | 21.07 0.43 0.00 | 20.01 0.44 0.00 | 20.49 0.48 0.00 | 22.82 0.51 0.00 | 22.19 0.42 0.00 | 19.40 0.38 0.00 | 18.23 0.30 0.00 | 16.94 0.29 1.22 | 18.04 0.25 0.00 | 17.74 0.29 0.00 | 16.95 0.33 0.00 | 18.87 0.48 0.00 | 20.01 0.65 0.00 | 20.47 0.67 0.00 | 23.49 0.67 0.00 | 21.60 0.59 0.00 | 19.53 0.47 0.00 |
| MILLIKEN___DIESEL 23629 | 19.43 0.31 0.00 | 16.84 0.25 0.00 | 15.96 0.22 0.00 | 15.56 0.23 0.00 | 16.01 0.22 0.00 | 16.63 0.24 0.00 | 18.79 0.32 0.00 | 21.07 0.43 0.00 | 20.01 0.44 0.00 | 20.49 0.48 0.00 | 22.82 0.51 0.00 | 22.19 0.42 0.00 | 19.40 0.38 0.00 | 18.23 0.30 0.00 | 16.94 0.29 1.22 | 18.04 0.25 0.00 | 17.74 0.29 0.00 | 16.95 0.33 0.00 | 18.87 0.48 0.00 | 20.01 0.65 0.00 | 20.47 0.67 0.00 | 23.49 0.67 0.00 | 21.60 0.59 0.00 | 19.53 0.47 0.00 |
| MILLSEAT___LFGE 323607 | 18.77 -0.35 0.00 | 16.36 -0.23 0.00 | 15.47 -0.26 0.00 | 15.11 -0.22 0.00 | 15.54 -0.24 0.00 | 16.23 -0.16 0.00 | 18.33 -0.14 0.00 | 20.56 -0.08 0.00 | 19.52 -0.05 0.00 | 20.08 0.07 0.00 | 22.56 0.25 0.00 | 21.97 0.20 0.00 | 19.31 0.30 0.00 | 18.10 0.16 0.00 | 18.01 0.13 0.00 | 17.77 -0.02 0.00 | 17.42 -0.04 0.00 | 16.50 -0.11 0.00 | 18.51 0.12 0.00 | 19.79 0.42 0.00 | 20.15 0.35 0.00 | 23.15 0.33 0.00 | 21.60 0.59 0.00 | 19.41 0.36 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 20.16 0.90 -0.14 | 18.35 0.73 -1.01 | 16.85 0.68 -0.44 | 16.72 0.63 -0.75 | 16.75 0.64 -0.32 | 17.27 0.65 -0.24 | 20.76 0.73 -1.56 | 21.51 0.86 0.00 | 20.44 0.87 0.00 | 20.99 0.99 0.00 | 23.51 1.20 0.00 | 22.95 1.18 0.00 | 20.06 1.05 0.00 | 18.97 1.04 0.00 | 18.98 1.10 0.00 | 18.97 1.19 0.00 | 18.71 1.25 0.00 | 17.88 1.27 0.00 | 19.69 1.31 0.00 | 20.68 1.32 0.00 | 21.15 1.35 0.00 | 24.19 1.36 0.00 | 22.19 1.18 0.00 | 19.98 0.92 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 20.21 0.95 -0.14 | 18.39 0.78 -1.01 | 16.88 0.71 -0.44 | 16.75 0.67 -0.75 | 16.79 0.68 -0.32 | 17.31 0.69 -0.24 | 20.80 0.77 -1.56 | 21.57 0.92 0.00 | 20.50 0.92 0.00 | 21.05 1.04 0.00 | 23.59 1.28 0.00 | 23.03 1.26 0.00 | 20.12 1.10 0.00 | 19.03 1.10 0.00 | 19.04 1.16 0.00 | 19.03 1.25 0.00 | 18.78 1.32 0.00 | 17.94 1.33 0.00 | 19.76 1.37 0.00 | 20.75 1.39 0.00 | 21.22 1.42 0.00 | 24.26 1.44 0.00 | 22.25 1.25 0.00 | 20.03 0.97 0.00 |
| MODEL_CITY_ENERGY 24167 | 18.26 -0.85 0.00 | 15.94 -0.66 0.00 | 15.08 -0.65 0.00 | 14.74 -0.60 0.00 | 15.14 -0.64 0.00 | 15.81 -0.58 0.00 | 17.82 -0.65 0.00 | 19.97 -0.67 0.00 | 19.00 -0.58 0.00 | 19.61 -0.40 0.00 | 22.02 -0.28 0.00 | 21.53 -0.24 0.00 | 18.89 -0.12 0.00 | 17.69 -0.24 0.00 | 17.59 -0.29 0.00 | 17.36 -0.42 0.00 | 17.03 -0.43 0.00 | 16.03 -0.58 0.00 | 17.99 -0.39 0.00 | 19.19 -0.17 0.00 | 19.50 -0.30 0.00 | 22.42 -0.40 0.00 | 21.01 0.00 0.00 | 18.92 -0.14 0.00 |
| MODERN_LFGE___ 323580 | 18.26 -0.85 0.00 | 15.94 -0.66 0.00 | 15.08 -0.65 0.00 | 14.74 -0.60 0.00 | 15.14 -0.64 0.00 | 15.81 -0.58 0.00 | 17.82 -0.65 0.00 | 19.97 -0.67 0.00 | 19.00 -0.58 0.00 | 19.61 -0.40 0.00 | 22.02 -0.28 0.00 | 21.53 -0.24 0.00 | 18.89 -0.12 0.00 | 17.69 -0.24 0.00 | 17.59 -0.29 0.00 | 17.36 -0.42 0.00 | 17.03 -0.43 0.00 | 16.03 -0.58 0.00 | 17.99 -0.39 0.00 | 19.19 -0.17 0.00 | 19.50 -0.30 0.00 | 22.42 -0.40 0.00 | 21.01 0.00 0.00 | 18.92 -0.14 0.00 |
| MOHAWK_PAPER___DRP 24187 | 21.04 0.80 -1.12 | 25.44 0.76 -8.09 | 19.94 0.73 -3.47 | 22.03 0.70 -5.99 | 19.09 0.72 -2.58 | 19.00 0.72 -1.89 | 31.62 0.72 -12.43 | 21.26 0.62 0.00 | 20.11 0.54 0.00 | 20.58 0.58 0.00 | 22.97 0.66 0.00 | 22.49 0.72 0.00 | 19.65 0.63 0.00 | 18.57 0.64 0.00 | 18.51 0.63 0.00 | 18.35 0.57 0.00 | 18.11 0.65 0.00 | 17.32 0.71 0.00 | 19.19 0.80 0.00 | 20.97 0.87 -0.74 | 20.60 0.81 0.00 | 23.57 0.75 0.00 | 21.61 0.60 0.00 | 19.58 0.53 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 21.97 1.32 -1.53 | 28.85 1.16 -11.09 | 21.60 1.10 -4.76 | 24.65 1.10 -8.21 | 20.48 1.16 -3.54 | 20.19 1.21 -2.59 | 36.90 1.38 -17.04 | 22.11 1.47 0.00 | 20.91 1.33 0.00 | 21.31 1.30 0.00 | 23.65 1.34 0.00 | 23.15 1.37 0.00 | 19.99 0.97 0.00 | 18.77 0.84 0.00 | 18.59 0.71 0.00 | 18.44 0.66 0.00 | 18.24 0.78 0.00 | 17.48 0.87 0.00 | 19.56 1.17 0.00 | 21.15 1.34 -0.45 | 21.18 1.38 0.00 | 24.26 1.44 0.00 | 22.19 1.19 0.00 | 20.02 0.97 0.00 |
| MONGAUP___HYD 23641 | 20.16 0.92 -0.12 | 18.23 0.75 -0.88 | 16.79 0.68 -0.38 | 16.63 0.64 -0.65 | 16.71 0.65 -0.28 | 17.27 0.67 -0.21 | 20.61 0.79 -1.35 | 21.53 0.89 0.00 | 20.38 0.81 0.00 | 20.73 0.72 0.00 | 23.36 1.05 0.00 | 22.76 0.98 0.00 | 19.82 0.81 0.00 | 18.61 0.67 0.00 | 18.70 0.82 0.00 | 18.67 0.89 0.00 | 18.32 0.87 0.00 | 17.59 0.98 0.00 | 19.53 1.14 0.00 | 20.66 1.30 0.00 | 21.16 1.37 0.00 | 24.24 1.41 0.00 | 22.30 1.29 0.00 | 20.05 1.00 0.00 |
| MONTAUK___DIESEL 23721 | 22.53 2.31 -1.10 | 19.41 1.79 -1.02 | 17.73 1.56 -0.44 | 17.63 1.54 -0.76 | 17.83 1.72 -0.33 | 18.43 1.81 -0.24 | 22.14 2.10 -1.57 | 22.94 2.30 0.00 | 74.91 1.98 -53.35 | 40.80 2.31 -18.48 | 37.17 2.71 -12.16 | 64.17 2.44 -39.97 | 21.19 2.18 0.00 | 22.63 2.15 -2.55 | 27.51 2.16 -7.47 | 30.28 2.42 -10.07 | 21.39 2.17 -1.76 | 19.88 2.15 -1.13 | 20.37 1.98 0.00 | 21.09 1.73 0.00 | 21.63 1.83 0.00 | 24.52 1.70 0.00 | 22.39 1.38 0.00 | 20.04 0.99 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 19.14 0.02 0.00 | 16.56 -0.04 0.00 | 15.71 -0.03 0.00 | 15.38 0.04 0.00 | 15.82 0.04 0.00 | 16.53 0.15 0.00 | 18.79 0.32 0.00 | 21.19 0.55 0.00 | 20.09 0.51 0.00 | 20.81 0.80 0.00 | 23.39 1.08 0.00 | 22.78 1.01 0.00 | 19.99 0.98 0.00 | 18.79 0.86 0.00 | 18.69 0.81 0.00 | 18.52 0.73 0.00 | 18.11 0.66 0.00 | 17.17 0.56 0.00 | 19.19 0.80 0.00 | 20.44 1.08 0.00 | 20.77 0.98 0.00 | 23.77 0.94 0.00 | 22.10 1.09 0.00 | 19.57 0.51 0.00 |

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| MORTIMER_115KV_TB3 55949 | 18.77 -0.35 0.00 | 16.31 -0.28 0.00 | 15.46 -0.28 0.00 | 15.08 -0.25 0.00 | 15.51 -0.27 0.00 | 16.15 -0.23 0.00 | 18.23 -0.24 0.00 | 20.45 -0.20 0.00 | 19.41 -0.17 0.00 | 19.96 -0.05 0.00 | 22.31 0.00 0.00 | 21.79 0.01 0.00 | 19.11 0.09 0.00 | 17.96 0.03 0.00 | 17.88 0.00 0.00 | 17.72 -0.07 0.00 | 17.39 -0.07 0.00 | 16.45 -0.16 0.00 | 18.43 0.04 0.00 | 19.59 0.23 0.00 | 19.94 0.14 0.00 | 22.90 0.08 0.00 | 21.24 0.23 0.00 | 19.18 0.12 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 20.30 1.04 -0.14 | 18.48 0.86 -1.02 | 16.96 0.78 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.75 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.00 0.00 | 21.14 1.13 0.00 | 23.69 1.38 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.09 1.30 0.00 | 18.82 1.36 0.00 | 17.98 1.37 0.00 | 19.79 1.40 0.00 | 20.78 1.42 0.00 | 21.28 1.49 0.00 | 24.36 1.53 0.00 | 22.36 1.35 0.00 | 20.11 1.05 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 20.46 1.34 0.00 | 17.73 1.14 0.00 | 16.75 1.01 0.00 | 16.33 1.00 0.00 | 16.84 1.06 0.00 | 17.59 1.20 0.00 | 20.01 1.54 0.00 | 22.53 1.89 0.00 | 21.42 1.84 0.00 | 21.95 1.94 0.00 | 24.37 2.06 0.00 | 23.57 1.80 0.00 | 20.63 1.62 0.00 | 19.36 1.43 0.00 | 19.25 1.37 0.00 | 19.05 1.27 0.00 | 18.76 1.30 0.00 | 17.97 1.36 0.00 | 20.02 1.63 0.00 | 21.23 1.87 0.00 | 21.77 1.97 0.00 | 24.96 2.14 0.00 | 22.90 1.88 0.00 | 20.53 1.48 0.00 |
| N SALMON___HYD 24042 | 19.43 0.31 0.00 | 16.88 0.28 0.00 | 16.04 0.30 0.00 | 15.64 0.30 0.00 | 16.11 0.33 0.00 | 16.68 0.30 0.00 | 18.88 0.41 0.00 | 21.15 0.51 0.00 | 19.95 0.38 0.00 | 20.13 0.12 0.00 | 22.44 0.13 0.00 | 21.91 0.14 0.00 | 19.10 0.09 0.00 | 17.89 -0.04 0.00 | -8.45 -0.12 26.20 | 17.60 -0.18 0.00 | 17.12 -0.34 0.00 | 16.34 -0.27 0.00 | 18.09 -0.30 0.00 | 18.97 -0.39 0.00 | 19.46 -0.34 0.00 | 22.62 -0.21 0.00 | 20.85 -0.16 0.00 | 18.95 -0.10 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 18.71 -0.41 0.00 | 16.29 -0.31 0.00 | 15.43 -0.31 0.00 | 15.07 -0.27 0.00 | 15.50 -0.29 0.00 | 16.17 -0.22 0.00 | 18.26 -0.21 0.00 | 20.50 -0.14 0.00 | 19.48 -0.10 0.00 | 20.06 0.05 0.00 | 22.67 0.36 0.00 | 21.99 0.21 0.00 | 19.30 0.28 0.00 | 18.07 0.14 0.00 | 17.98 0.10 0.00 | 17.75 -0.04 0.00 | 17.40 -0.06 0.00 | 16.57 -0.04 0.00 | 18.49 0.10 0.00 | 19.73 0.37 0.00 | 20.07 0.27 0.00 | 23.07 0.25 0.00 | 21.54 0.53 0.00 | 19.37 0.32 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 21.63 1.41 -1.10 | 18.75 1.13 -1.02 | 17.18 1.01 -0.44 | 17.03 0.94 -0.76 | 17.09 0.99 -0.33 | 17.65 1.02 -0.24 | 21.21 1.17 -1.57 | 21.94 1.29 0.00 | 73.87 1.14 -53.15 | 39.98 1.49 -18.48 | 36.25 1.79 -12.16 | 63.30 1.56 -39.97 | 20.46 1.44 0.00 | 21.95 1.47 -2.55 | 26.88 1.53 -7.47 | 29.50 1.64 -10.07 | 20.91 1.69 -1.76 | 19.43 1.70 -1.13 | 20.11 1.72 0.00 | 20.99 1.63 0.00 | 21.58 1.79 0.00 | 24.63 1.81 0.00 | 22.63 1.62 0.00 | 20.35 1.30 0.00 |
| N.E_GEN_SANDY PD 24062 | 20.59 0.87 -0.60 | 22.09 0.77 -4.72 | 21.01 0.73 -4.54 | 20.73 0.70 -4.68 | 21.98 0.72 -5.48 | 22.44 0.72 -5.34 | 25.93 0.77 -6.69 | 21.44 0.79 0.00 | 20.55 0.71 -0.27 | 20.74 0.73 0.00 | 23.21 0.90 0.00 | 21.78 0.91 0.90 | 19.82 0.81 0.00 | 18.76 0.83 0.00 | 18.72 0.84 0.00 | 18.57 0.79 0.00 | 18.37 0.91 0.00 | 17.59 0.98 0.00 | 19.42 1.03 0.00 | 20.85 1.07 -0.42 | 20.79 1.00 0.00 | 23.87 0.97 -0.08 | 21.71 0.78 0.08 | 19.77 0.67 -0.05 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.10 0.84 -0.13 | 18.24 0.68 -0.96 | 16.78 0.63 -0.41 | 16.64 0.59 -0.71 | 16.69 0.60 -0.31 | 17.20 0.59 -0.23 | 20.61 0.66 -1.48 | 21.45 0.80 0.00 | 20.39 0.82 0.00 | 20.94 0.93 0.00 | 23.47 1.16 0.00 | 22.92 1.15 0.00 | 20.04 1.02 0.00 | 18.95 1.02 0.00 | 18.97 1.09 0.00 | 18.96 1.18 0.00 | 18.70 1.25 0.00 | 17.86 1.25 0.00 | 19.69 1.30 0.00 | 20.66 1.30 0.00 | 21.12 1.32 0.00 | 24.15 1.33 0.00 | 22.16 1.15 0.00 | 19.94 0.88 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 20.37 1.11 -0.14 | 18.53 0.91 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.77 -0.24 | 20.88 0.84 -1.57 | 21.66 1.02 0.00 | 21.07 1.06 -0.43 | 21.18 1.17 0.00 | 23.72 1.41 0.00 | 23.17 1.40 0.00 | 20.26 1.24 0.00 | 19.14 1.20 0.00 | 19.16 1.28 0.00 | 19.22 1.43 0.00 | 18.95 1.49 0.00 | 18.06 1.45 0.00 | 19.82 1.44 0.00 | 20.81 1.45 0.00 | 21.31 1.52 0.00 | 24.41 1.59 0.00 | 22.44 1.43 0.00 | 20.16 1.10 0.00 |
| N.TROY___115KV_TB1 355778 | 21.30 0.84 -1.34 | 27.09 0.78 -9.71 | 20.65 0.74 -4.17 | 23.25 0.72 -7.19 | 19.62 0.74 -3.10 | 19.40 0.75 -2.27 | 34.18 0.77 -14.93 | 21.41 0.77 0.00 | 20.24 0.66 0.00 | 20.67 0.67 0.00 | 23.08 0.77 0.00 | 22.57 0.80 0.00 | 19.69 0.68 0.00 | 18.61 0.68 0.00 | 18.53 0.66 0.00 | 18.36 0.57 0.00 | 18.13 0.67 0.00 | 17.35 0.74 0.00 | 19.24 0.85 0.00 | 21.08 0.95 -0.77 | 20.69 0.90 0.00 | 23.69 0.87 0.00 | 21.71 0.70 0.00 | 19.68 0.62 0.00 |
| NARROWS_GT1_1 24228 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_2 24229 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_3 24230 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_4 24231 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_5 24232 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |

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|---|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_7 24234 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT1_8 24235 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_1 24236 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_2 24237 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_3 24238 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_4 24239 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_5 24240 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_6 24241 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_7 24242 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NARROWS_GT2_8 24243 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 20.78 1.05 -0.61 | 21.95 0.96 -4.39 | 18.57 0.95 -1.89 | 19.50 0.91 -3.25 | 18.14 0.96 -1.40 | 18.41 1.00 -1.03 | 26.25 1.02 -6.75 | 21.47 0.83 0.00 | 20.19 0.62 0.00 | 20.43 0.43 0.00 | 22.53 0.22 0.00 | 22.49 0.72 0.00 | 19.70 0.68 0.00 | 18.53 0.59 0.00 | 18.46 0.58 0.00 | 18.37 0.59 0.00 | 18.02 0.56 0.00 | 17.32 0.71 0.00 | 19.26 0.87 0.00 | 19.73 1.11 0.74 | 20.89 1.09 0.00 | 23.90 1.08 0.00 | 21.85 0.84 0.00 | 19.80 0.75 0.00 |
| NCHELSEA_115KV_TR2 355582 | 20.25 0.98 -0.15 | 18.48 0.80 -1.08 | 16.93 0.73 -0.46 | 16.83 0.69 -0.80 | 16.84 0.71 -0.34 | 17.37 0.73 -0.25 | 20.97 0.84 -1.66 | 21.63 0.99 0.00 | 20.55 0.97 0.00 | 21.07 1.07 0.00 | 23.63 1.32 0.00 | 23.09 1.32 0.00 | 20.18 1.17 0.00 | 19.07 1.14 0.00 | 19.09 1.22 0.00 | 19.08 1.29 0.00 | 18.84 1.38 0.00 | 18.02 1.41 0.00 | 19.87 1.47 0.00 | 20.87 1.51 0.00 | 21.33 1.53 0.00 | 24.39 1.57 0.00 | 22.35 1.34 0.00 | 20.11 1.06 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 21.66 1.07 -1.48 | 28.23 0.94 -10.69 | 21.22 0.89 -4.59 | 24.13 0.87 -7.92 | 20.10 0.91 -3.41 | 19.82 0.94 -2.50 | 35.95 1.05 -16.43 | 21.75 1.11 0.00 | 20.56 0.99 0.00 | 21.00 0.99 0.00 | 23.41 1.11 0.00 | 22.90 1.13 0.00 | 19.93 0.92 0.00 | 18.81 0.87 0.00 | 18.70 0.83 0.00 | 18.58 0.80 0.00 | 18.35 0.89 0.00 | 17.56 0.95 0.00 | 19.54 1.15 0.00 | 21.18 1.27 -0.55 | 21.06 1.27 0.00 | 24.10 1.28 0.00 | 22.06 1.05 0.00 | 19.95 0.90 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.53 -0.59 0.00 | 16.11 -0.49 0.00 | 15.24 -0.49 0.00 | 14.87 -0.46 0.00 | 15.30 -0.48 0.00 | 15.94 -0.45 0.00 | 18.00 -0.47 0.00 | 20.18 -0.46 0.00 | 19.15 -0.42 0.00 | 19.68 -0.33 0.00 | 21.98 -0.33 0.00 | 21.48 -0.29 0.00 | 18.80 -0.22 0.00 | 17.67 -0.27 0.00 | 17.58 -0.30 0.00 | 17.43 -0.36 0.00 | 17.13 -0.33 0.00 | 16.22 -0.39 0.00 | 18.17 -0.22 0.00 | 19.30 -0.06 0.00 | 19.65 -0.14 0.00 | 22.55 -0.27 0.00 | 20.87 -0.14 0.00 | 18.85 -0.20 0.00 |

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| NEG CENTRAL___DRP 24199 | 19.07 -0.05 0.00 | 16.54 -0.06 0.00 | 15.67 -0.07 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.36 -0.03 0.00 | 18.49 0.02 0.00 | 20.75 0.11 0.00 | 19.69 0.11 0.00 | 20.19 0.18 0.00 | 22.45 0.14 0.00 | 21.90 0.13 0.00 | 19.13 0.11 0.00 | 17.99 0.06 0.00 | 16.57 0.04 1.34 | 17.81 0.02 0.00 | 17.50 0.04 0.00 | 16.68 0.07 0.00 | 18.63 0.24 0.00 | 19.78 0.41 0.00 | 20.18 0.39 0.00 | 23.15 0.33 0.00 | 21.35 0.34 0.00 | 19.28 0.23 0.00 |
| NEG CENTRAL___INDECK 23768 | 19.35 0.23 0.00 | 16.81 0.22 0.00 | 15.90 0.16 0.00 | 15.53 0.19 0.00 | 15.99 0.21 0.00 | 16.67 0.28 0.00 | 18.87 0.40 0.00 | 21.16 0.51 0.00 | 19.98 0.41 0.00 | 20.45 0.44 0.00 | 22.85 0.55 0.00 | 22.29 0.52 0.00 | 19.56 0.54 0.00 | 18.38 0.45 0.00 | 18.28 0.40 0.00 | 18.14 0.36 0.00 | 17.81 0.35 0.00 | 16.88 0.27 0.00 | 18.89 0.50 0.00 | 20.20 0.84 0.00 | 20.79 0.99 0.00 | 23.91 1.09 0.00 | 22.14 1.13 0.00 | 19.86 0.80 0.00 |
| NEG CENTRAL___SENECA 23627 | 19.07 -0.05 0.00 | 16.54 -0.06 0.00 | 15.67 -0.07 0.00 | 15.30 -0.04 0.00 | 15.75 -0.03 0.00 | 16.39 0.00 0.00 | 18.55 0.08 0.00 | 20.86 0.22 0.00 | 19.79 0.22 0.00 | 20.30 0.30 0.00 | 22.58 0.27 0.00 | 22.05 0.28 0.00 | 19.25 0.23 0.00 | 18.10 0.16 0.00 | 18.01 0.13 0.00 | 17.90 0.12 0.00 | 17.58 0.12 0.00 | 16.75 0.14 0.00 | 18.76 0.37 0.00 | 19.93 0.57 0.00 | 20.32 0.53 0.00 | 23.31 0.48 0.00 | 21.52 0.52 0.00 | 19.37 0.32 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 19.26 0.14 0.00 | 16.69 0.09 0.00 | 15.82 0.08 0.00 | 15.43 0.09 0.00 | 15.83 0.05 0.00 | 16.44 0.06 0.00 | 18.56 0.08 0.00 | 20.76 0.12 0.00 | 19.71 0.13 0.00 | 20.17 0.16 0.00 | 22.44 0.13 0.00 | 21.86 0.09 0.00 | 19.09 0.08 0.00 | 17.97 0.04 0.00 | 16.47 0.04 1.44 | 17.80 0.02 0.00 | 17.52 0.06 0.00 | 16.71 0.10 0.00 | 18.61 0.21 0.00 | 19.75 0.39 0.00 | 20.20 0.40 0.00 | 23.19 0.36 0.00 | 21.29 0.28 0.00 | 19.32 0.27 0.00 |
| NEG MILLWOOD___DRP 24198 | 20.31 1.05 -0.15 | 18.52 0.85 -1.08 | 16.98 0.78 -0.46 | 16.87 0.73 -0.80 | 16.88 0.75 -0.34 | 17.42 0.78 -0.25 | 21.02 0.90 -1.65 | 21.71 1.07 0.00 | 20.63 1.05 0.00 | 21.17 1.17 0.00 | 23.73 1.41 0.00 | 23.18 1.41 0.00 | 20.26 1.25 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.15 1.36 0.00 | 18.90 1.44 0.00 | 18.07 1.46 0.00 | 19.92 1.53 0.00 | 20.92 1.55 0.00 | 21.39 1.59 0.00 | 24.45 1.62 0.00 | 22.40 1.39 0.00 | 20.15 1.09 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 19.99 0.87 0.00 | 17.26 0.66 0.00 | 16.34 0.60 0.00 | 15.95 0.61 0.00 | 16.44 0.66 0.00 | 17.08 0.70 0.00 | 19.36 0.88 0.00 | 21.68 1.04 0.00 | 20.40 0.82 0.00 | 20.46 0.45 0.00 | 22.82 0.51 0.00 | 22.25 0.48 0.00 | 19.35 0.34 0.00 | 18.16 0.23 0.00 | 12.22 0.20 5.87 | 17.88 0.10 0.00 | 17.30 -0.15 0.00 | 16.59 -0.02 0.00 | 18.30 -0.09 0.00 | 19.28 -0.08 0.00 | 19.71 -0.08 0.00 | 22.75 -0.08 0.00 | 20.98 -0.04 0.00 | 19.22 0.17 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 19.43 0.31 0.00 | 16.85 0.25 0.00 | 15.98 0.24 0.00 | 15.58 0.24 0.00 | 16.05 0.27 0.00 | 16.67 0.28 0.00 | 18.84 0.37 0.00 | 21.10 0.45 0.00 | 19.90 0.32 0.00 | 20.03 0.02 0.00 | 22.34 0.03 0.00 | 21.83 0.06 0.00 | 19.03 0.01 0.00 | 17.86 -0.07 0.00 | 6.93 -0.12 10.83 | 17.59 -0.19 0.00 | 17.11 -0.35 0.00 | 16.33 -0.28 0.00 | 18.07 -0.32 0.00 | 18.96 -0.40 0.00 | 19.42 -0.38 0.00 | 22.53 -0.30 0.00 | 20.73 -0.28 0.00 | 18.86 -0.19 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 19.91 0.79 0.00 | 17.20 0.60 0.00 | 16.30 0.56 0.00 | 15.90 0.56 0.00 | 16.39 0.61 0.00 | 17.03 0.65 0.00 | 19.30 0.82 0.00 | 21.63 0.99 0.00 | 20.35 0.78 0.00 | 20.40 0.39 0.00 | 22.77 0.46 0.00 | 22.24 0.47 0.00 | 19.35 0.34 0.00 | 18.16 0.22 0.00 | 11.42 0.20 6.65 | 17.89 0.11 0.00 | 17.35 -0.11 0.00 | 16.62 0.01 0.00 | 18.36 -0.03 0.00 | 19.33 -0.03 0.00 | 19.77 -0.02 0.00 | 22.84 0.02 0.00 | 21.04 0.03 0.00 | 19.21 0.15 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 19.91 0.79 0.00 | 17.20 0.60 0.00 | 16.30 0.56 0.00 | 15.90 0.56 0.00 | 16.39 0.61 0.00 | 17.03 0.65 0.00 | 19.30 0.82 0.00 | 21.63 0.99 0.00 | 20.35 0.78 0.00 | 20.40 0.39 0.00 | 22.77 0.46 0.00 | 22.24 0.47 0.00 | 19.35 0.34 0.00 | 18.16 0.22 0.00 | 11.42 0.20 6.65 | 17.89 0.11 0.00 | 17.35 -0.11 0.00 | 16.62 0.01 0.00 | 18.36 -0.03 0.00 | 19.33 -0.03 0.00 | 19.77 -0.02 0.00 | 22.84 0.02 0.00 | 21.04 0.03 0.00 | 19.21 0.15 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 19.91 0.79 0.00 | 17.20 0.60 0.00 | 16.30 0.56 0.00 | 15.90 0.56 0.00 | 16.39 0.61 0.00 | 17.03 0.65 0.00 | 19.30 0.82 0.00 | 21.63 0.99 0.00 | 20.35 0.78 0.00 | 20.40 0.39 0.00 | 22.77 0.46 0.00 | 22.24 0.47 0.00 | 19.35 0.34 0.00 | 18.16 0.22 0.00 | 11.42 0.20 6.65 | 17.89 0.11 0.00 | 17.35 -0.11 0.00 | 16.62 0.01 0.00 | 18.36 -0.03 0.00 | 19.33 -0.03 0.00 | 19.77 -0.02 0.00 | 22.84 0.02 0.00 | 21.04 0.03 0.00 | 19.21 0.15 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 18.43 -0.69 0.00 | 16.05 -0.55 0.00 | 15.21 -0.53 0.00 | 14.87 -0.47 0.00 | 15.28 -0.50 0.00 | 15.93 -0.46 0.00 | 17.98 -0.49 0.00 | 20.18 -0.47 0.00 | 19.18 -0.39 0.00 | 19.80 -0.21 0.00 | 22.23 -0.08 0.00 | 21.70 -0.07 0.00 | 19.06 0.05 0.00 | 17.85 -0.08 0.00 | 17.75 -0.12 0.00 | 17.53 -0.25 0.00 | 17.19 -0.27 0.00 | 16.21 -0.40 0.00 | 18.19 -0.20 0.00 | 19.40 0.04 0.00 | 19.71 -0.09 0.00 | 22.66 -0.17 0.00 | 21.21 0.21 0.00 | 19.09 0.04 0.00 |
| NEG WEST___LANCASTR 23811 | 18.81 -0.31 0.00 | 16.36 -0.24 0.00 | 15.50 -0.23 0.00 | 15.16 -0.17 0.00 | 15.59 -0.19 0.00 | 16.23 -0.15 0.00 | 18.36 -0.11 0.00 | 20.66 0.02 0.00 | 19.64 0.07 0.00 | 20.28 0.27 0.00 | 22.75 0.45 0.00 | 22.17 0.39 0.00 | 19.45 0.44 0.00 | 18.26 0.33 0.00 | 18.16 0.28 0.00 | 18.01 0.22 0.00 | 17.63 0.18 0.00 | 16.69 0.08 0.00 | 18.67 0.28 0.00 | 19.84 0.47 0.00 | 20.15 0.36 0.00 | 23.14 0.31 0.00 | 21.61 0.60 0.00 | 19.41 0.35 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 19.21 0.09 0.00 | 16.65 0.05 0.00 | 15.78 0.04 0.00 | 15.40 0.06 0.00 | 15.86 0.07 0.00 | 16.47 0.08 0.00 | 18.60 0.13 0.00 | 20.87 0.22 0.00 | 19.82 0.24 0.00 | 20.36 0.35 0.00 | 22.74 0.43 0.00 | 22.13 0.36 0.00 | 19.35 0.34 0.00 | 18.25 0.31 0.00 | 18.20 0.32 0.00 | 18.12 0.34 0.00 | 17.80 0.34 0.00 | 16.97 0.37 0.00 | 18.84 0.45 0.00 | 19.87 0.51 0.00 | 20.29 0.49 0.00 | 23.25 0.43 0.00 | 21.45 0.44 0.00 | 19.35 0.30 0.00 |
| NEG___GEN_MONROE 24207 | 18.88 -0.24 0.00 | 16.42 -0.18 0.00 | 15.55 -0.19 0.00 | 15.18 -0.16 0.00 | 15.61 -0.17 0.00 | 16.26 -0.13 0.00 | 18.37 -0.11 0.00 | 20.61 -0.04 0.00 | 19.55 -0.03 0.00 | 20.08 0.07 0.00 | 22.46 0.15 0.00 | 21.92 0.15 0.00 | 19.24 0.22 0.00 | 18.08 0.14 0.00 | 17.99 0.11 0.00 | 17.81 0.03 0.00 | 17.48 0.02 0.00 | 16.54 -0.07 0.00 | 18.54 0.15 0.00 | 19.76 0.39 0.00 | 20.12 0.33 0.00 | 23.13 0.31 0.00 | 21.47 0.46 0.00 | 19.38 0.32 0.00 |
| NEPA___ENERGY 23901 | 18.71 -0.41 0.00 | 16.21 -0.39 0.00 | 15.38 -0.36 0.00 | 15.07 -0.27 0.00 | 15.52 -0.27 0.00 | 16.13 -0.26 0.00 | 18.27 -0.20 0.00 | 20.61 -0.03 0.00 | 19.61 0.03 0.00 | 20.27 0.26 0.00 | 22.77 0.46 0.00 | 22.14 0.37 0.00 | 19.44 0.43 0.00 | 18.31 0.38 0.00 | 18.25 0.38 0.00 | 18.13 0.35 0.00 | 17.73 0.27 0.00 | 16.84 0.23 0.00 | 18.79 0.40 0.00 | 19.90 0.54 0.00 | 20.21 0.42 0.00 | 23.14 0.32 0.00 | 21.60 0.58 0.00 | 19.28 0.23 0.00 |

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| NEVERSINK___HYD 23608 | 19.78 0.51 -0.15 | 18.07 0.37 -1.10 | 16.53 0.32 -0.47 | 16.43 0.28 -0.81 | 16.43 0.30 -0.35 | 16.94 0.30 -0.26 | 20.54 0.38 -1.68 | 21.16 0.52 0.00 | 20.08 0.50 0.00 | 20.56 0.56 0.00 | 23.09 0.78 0.00 | 22.54 0.77 0.00 | 19.57 0.55 0.00 | 18.03 0.10 0.00 | 18.05 0.17 0.00 | 18.01 0.23 0.00 | 17.80 0.35 0.00 | 17.04 0.43 0.00 | 18.80 0.41 0.00 | 19.75 0.43 0.04 | 20.32 0.52 0.00 | 23.87 1.04 0.00 | 21.89 0.88 0.00 | 19.69 0.64 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 20.81 0.67 -1.02 | 24.60 0.63 -7.37 | 19.50 0.60 -3.17 | 21.37 0.57 -5.46 | 18.73 0.59 -2.35 | 18.71 0.60 -1.72 | 30.38 0.56 -11.34 | 21.00 0.36 0.00 | 19.89 0.31 0.00 | 20.35 0.34 0.00 | 22.69 0.38 0.00 | 22.24 0.46 0.00 | 19.44 0.43 0.00 | 18.37 0.43 0.00 | 18.34 0.46 0.00 | 18.22 0.43 0.00 | 17.95 0.49 0.00 | 17.14 0.53 0.00 | 18.97 0.59 0.00 | 19.76 0.62 0.23 | 20.37 0.58 0.00 | 23.30 0.48 0.00 | 21.36 0.35 0.00 | 19.38 0.33 0.00 |
| NEWTON___FALLS_HYD 23847 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.05 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| NGRID_A1_DSASP 323792 | 18.12 -1.00 0.00 | 15.82 -0.78 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.69 -0.70 0.00 | 17.67 -0.80 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.47 -0.54 0.00 | 21.84 -0.46 0.00 | 21.38 -0.39 0.00 | 18.76 -0.25 0.00 | 17.57 -0.37 0.00 | 17.45 -0.42 0.00 | 17.23 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.22 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| NGRID_A2_DSASP 323793 | 18.12 -1.00 0.00 | 15.82 -0.78 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.69 -0.70 0.00 | 17.67 -0.80 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.47 -0.54 0.00 | 21.84 -0.46 0.00 | 21.38 -0.39 0.00 | 18.76 -0.25 0.00 | 17.57 -0.37 0.00 | 17.45 -0.42 0.00 | 17.23 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.22 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| NGRID_A4_DSASP 323807 | 18.12 -1.00 0.00 | 15.82 -0.78 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.69 -0.70 0.00 | 17.67 -0.80 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.47 -0.54 0.00 | 21.84 -0.46 0.00 | 21.38 -0.39 0.00 | 18.76 -0.25 0.00 | 17.57 -0.37 0.00 | 17.45 -0.42 0.00 | 17.23 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.22 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| NIAGARA_115E_LBMP 323715 | 18.17 -0.95 0.00 | 15.86 -0.73 0.00 | 15.01 -0.73 0.00 | 14.66 -0.67 0.00 | 15.07 -0.71 0.00 | 15.73 -0.66 0.00 | 17.73 -0.74 0.00 | 19.86 -0.78 0.00 | 18.89 -0.68 0.00 | 19.51 -0.50 0.00 | 21.90 -0.41 0.00 | 21.42 -0.35 0.00 | 18.80 -0.21 0.00 | 17.60 -0.34 0.00 | 17.49 -0.39 0.00 | 17.27 -0.52 0.00 | 16.93 -0.53 0.00 | 15.93 -0.68 0.00 | 17.88 -0.50 0.00 | 19.08 -0.28 0.00 | 19.37 -0.42 0.00 | 22.29 -0.54 0.00 | 20.89 -0.12 0.00 | 18.82 -0.24 0.00 |
| NIAGARA_115W_LBMP 323714 | 18.08 -1.04 0.00 | 15.79 -0.81 0.00 | 14.94 -0.80 0.00 | 14.60 -0.74 0.00 | 15.00 -0.78 0.00 | 15.65 -0.73 0.00 | 17.64 -0.83 0.00 | 19.76 -0.89 0.00 | 18.79 -0.78 0.00 | 19.42 -0.59 0.00 | 21.80 -0.51 0.00 | 21.33 -0.44 0.00 | 18.72 -0.30 0.00 | 17.52 -0.41 0.00 | 17.42 -0.46 0.00 | 17.19 -0.59 0.00 | 16.85 -0.61 0.00 | 15.83 -0.78 0.00 | 17.77 -0.61 0.00 | 18.95 -0.42 0.00 | 19.16 -0.64 0.00 | 21.99 -0.84 0.00 | 20.73 -0.28 0.00 | 18.72 -0.33 0.00 |
| NIAGARA_230_LBMP 323716 | 18.23 -0.89 0.00 | 15.91 -0.69 0.00 | 15.05 -0.69 0.00 | 14.71 -0.63 0.00 | 15.11 -0.67 0.00 | 15.77 -0.62 0.00 | 17.77 -0.70 0.00 | 19.92 -0.72 0.00 | 18.94 -0.63 0.00 | 19.57 -0.44 0.00 | 21.97 -0.34 0.00 | 21.48 -0.30 0.00 | 18.84 -0.17 0.00 | 17.65 -0.28 0.00 | 17.54 -0.33 0.00 | 17.34 -0.45 0.00 | 16.99 -0.47 0.00 | 15.98 -0.63 0.00 | 17.94 -0.46 0.00 | 19.11 -0.25 0.00 | 19.40 -0.39 0.00 | 22.30 -0.52 0.00 | 20.90 -0.10 0.00 | 18.84 -0.21 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 18.08 -1.04 0.00 | 15.75 -0.84 0.00 | 14.94 -0.80 0.00 | 14.60 -0.74 0.00 | 15.00 -0.78 0.00 | 15.63 -0.75 0.00 | 17.63 -0.84 0.00 | 19.76 -0.88 0.00 | 18.79 -0.78 0.00 | 19.42 -0.59 0.00 | 21.79 -0.52 0.00 | 21.32 -0.45 0.00 | 18.72 -0.30 0.00 | 17.52 -0.41 0.00 | 17.42 -0.46 0.00 | 17.18 -0.60 0.00 | 16.85 -0.61 0.00 | 15.83 -0.79 0.00 | 17.78 -0.61 0.00 | 18.95 -0.41 0.00 | 19.17 -0.63 0.00 | 21.99 -0.83 0.00 | 20.73 -0.28 0.00 | 18.72 -0.33 0.00 |
| NIAGARA____ 23760 | 18.23 -0.89 0.00 | 15.91 -0.69 0.00 | 15.05 -0.69 0.00 | 14.71 -0.63 0.00 | 15.11 -0.67 0.00 | 15.77 -0.62 0.00 | 17.77 -0.70 0.00 | 19.92 -0.72 0.00 | 18.94 -0.63 0.00 | 19.57 -0.44 0.00 | 21.97 -0.34 0.00 | 21.48 -0.30 0.00 | 18.84 -0.17 0.00 | 17.65 -0.28 0.00 | 17.54 -0.33 0.00 | 17.34 -0.45 0.00 | 16.99 -0.47 0.00 | 15.98 -0.63 0.00 | 17.94 -0.46 0.00 | 19.11 -0.25 0.00 | 19.40 -0.39 0.00 | 22.30 -0.52 0.00 | 20.90 -0.10 0.00 | 18.84 -0.21 0.00 |
| NINE_MILE_1 23575 | 18.65 -0.47 0.00 | 16.20 -0.40 0.00 | 15.34 -0.39 0.00 | 14.96 -0.38 0.00 | 15.39 -0.39 0.00 | 15.98 -0.41 0.00 | 17.99 -0.48 0.00 | 20.09 -0.55 0.00 | 19.07 -0.51 0.00 | 19.52 -0.49 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.17 -0.44 0.00 | 17.94 -0.45 0.00 | 18.93 -0.44 0.00 | 19.32 -0.47 0.00 | 22.20 -0.62 0.00 | 20.47 -0.53 0.00 | 18.65 -0.40 0.00 |
| NINE_MILE_2 23744 | 18.65 -0.47 0.00 | 16.20 -0.40 0.00 | 15.34 -0.39 0.00 | 14.96 -0.38 0.00 | 15.39 -0.39 0.00 | 15.98 -0.41 0.00 | 17.99 -0.48 0.00 | 20.09 -0.55 0.00 | 19.07 -0.50 0.00 | 19.52 -0.49 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.17 -0.44 0.00 | 17.95 -0.44 0.00 | 18.93 -0.44 0.00 | 19.32 -0.47 0.00 | 22.20 -0.62 0.00 | 20.47 -0.53 0.00 | 18.65 -0.40 0.00 |
| NM_CAPITAL___DRP 24208 | 20.84 0.69 -1.03 | 24.67 0.67 -7.41 | 19.56 0.64 -3.18 | 21.44 0.61 -5.49 | 18.78 0.63 -2.37 | 18.76 0.64 -1.73 | 30.47 0.60 -11.39 | 21.05 0.41 0.00 | 19.92 0.35 0.00 | 20.39 0.38 0.00 | 22.74 0.43 0.00 | 22.28 0.51 0.00 | 19.48 0.46 0.00 | 18.41 0.47 0.00 | 18.37 0.49 0.00 | 18.22 0.43 0.00 | 17.97 0.51 0.00 | 17.17 0.56 0.00 | 19.00 0.62 0.00 | 20.20 0.66 -0.18 | 20.40 0.60 0.00 | 23.33 0.51 0.00 | 21.39 0.38 0.00 | 19.40 0.35 0.00 |
| NM_CENTRAL___DRP 24181 | 18.99 -0.13 0.00 | 16.48 -0.12 0.00 | 15.61 -0.13 0.00 | 15.21 -0.12 0.00 | 15.66 -0.12 0.00 | 16.27 -0.12 0.00 | 18.34 -0.13 0.00 | 20.51 -0.13 0.00 | 19.48 -0.10 0.00 | 19.95 -0.05 0.00 | 22.23 -0.07 0.00 | 21.66 -0.11 0.00 | 18.92 -0.09 0.00 | 17.85 -0.09 0.00 | 15.71 -0.09 2.08 | 17.68 -0.10 0.00 | 17.39 -0.07 0.00 | 16.56 -0.05 0.00 | 18.40 0.01 0.00 | 19.42 0.06 0.00 | 19.83 0.03 0.00 | 22.75 -0.08 0.00 | 20.96 -0.05 0.00 | 19.03 -0.02 0.00 |

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| NM_FRONTIER___DRP 24179 | 18.08 -1.04 0.00 | 15.75 -0.84 0.00 | 14.94 -0.80 0.00 | 14.60 -0.74 0.00 | 15.00 -0.78 0.00 | 15.63 -0.75 0.00 | 17.63 -0.84 0.00 | 19.76 -0.88 0.00 | 18.79 -0.78 0.00 | 19.42 -0.59 0.00 | 21.79 -0.52 0.00 | 21.32 -0.45 0.00 | 18.72 -0.30 0.00 | 17.52 -0.41 0.00 | 17.42 -0.46 0.00 | 17.18 -0.60 0.00 | 16.85 -0.61 0.00 | 15.83 -0.79 0.00 | 17.78 -0.61 0.00 | 18.95 -0.41 0.00 | 19.17 -0.63 0.00 | 21.99 -0.83 0.00 | 20.73 -0.28 0.00 | 18.72 -0.33 0.00 |
| NM_ST_REGIS___HYD 24053 | 19.09 -0.03 0.00 | 16.68 0.08 0.00 | 15.91 0.17 0.00 | 15.51 0.18 0.00 | 15.96 0.18 0.00 | 16.42 0.04 0.00 | 18.58 0.11 0.00 | 20.78 0.14 0.00 | 19.64 0.06 0.00 | 19.87 -0.14 0.00 | 22.11 -0.20 0.00 | 21.54 -0.23 0.00 | 18.78 -0.24 0.00 | 17.53 -0.40 0.00 | -45.01 -0.54 62.35 | 17.20 -0.58 0.00 | 16.76 -0.70 0.00 | 15.93 -0.68 0.00 | 17.64 -0.75 0.00 | 18.52 -0.84 0.00 | 19.05 -0.75 0.00 | 22.27 -0.56 0.00 | 20.65 -0.36 0.00 | 18.78 -0.28 0.00 |
| NORTHPORT___1 23551 | 21.75 1.52 -1.10 | 18.84 1.22 -1.02 | 17.26 1.08 -0.44 | 17.10 1.01 -0.76 | 17.19 1.08 -0.33 | 17.74 1.11 -0.24 | 21.33 1.28 -1.57 | 22.02 1.38 0.00 | 74.08 1.13 -53.38 | 39.91 1.42 -18.48 | 36.18 1.71 -12.16 | 63.19 1.45 -39.97 | 20.39 1.37 0.00 | 21.90 1.42 -2.55 | 26.87 1.51 -7.47 | 29.44 1.58 -10.07 | 20.83 1.61 -1.76 | 19.38 1.65 -1.13 | 20.05 1.66 0.00 | 20.83 1.47 0.00 | 21.50 1.71 0.00 | 24.46 1.64 0.00 | 22.46 1.45 0.00 | 20.25 1.19 0.00 |
| NORTHPORT___2 23552 | 21.75 1.52 -1.10 | 18.84 1.22 -1.02 | 17.26 1.08 -0.44 | 17.10 1.01 -0.76 | 17.19 1.08 -0.33 | 17.74 1.11 -0.24 | 21.33 1.28 -1.57 | 22.02 1.38 0.00 | 74.08 1.13 -53.38 | 39.91 1.42 -18.48 | 36.18 1.71 -12.16 | 63.19 1.45 -39.97 | 20.39 1.37 0.00 | 21.90 1.42 -2.55 | 26.87 1.51 -7.47 | 29.44 1.58 -10.07 | 20.83 1.61 -1.76 | 19.38 1.65 -1.13 | 20.05 1.66 0.00 | 20.83 1.47 0.00 | 21.50 1.71 0.00 | 24.46 1.64 0.00 | 22.46 1.45 0.00 | 20.25 1.19 0.00 |
| NORTHPORT___3 23553 | 21.68 1.46 -1.10 | 18.78 1.16 -1.02 | 17.20 1.02 -0.44 | 17.06 0.96 -0.76 | 17.13 1.02 -0.33 | 17.68 1.05 -0.24 | 21.25 1.21 -1.57 | 21.91 1.27 0.00 | 73.93 1.03 -53.32 | 39.80 1.31 -18.48 | 36.05 1.59 -12.16 | 63.04 1.30 -39.97 | 20.32 1.30 0.00 | 21.84 1.36 -2.55 | 26.79 1.44 -7.47 | 29.30 1.44 -10.07 | 20.73 1.51 -1.76 | 19.32 1.59 -1.13 | 19.92 1.53 0.00 | 19.85 1.32 0.83 | 19.85 1.52 1.47 | 20.74 1.46 3.54 | 22.33 1.32 0.00 | 20.17 1.12 0.00 |
| NORTHPORT___4 23650 | 21.68 1.46 -1.10 | 18.78 1.16 -1.02 | 17.20 1.02 -0.44 | 17.06 0.96 -0.76 | 17.13 1.02 -0.33 | 17.68 1.05 -0.24 | 21.25 1.21 -1.57 | 21.91 1.27 0.00 | 73.93 1.03 -53.32 | 39.80 1.31 -18.48 | 36.05 1.59 -12.16 | 63.04 1.30 -39.97 | 20.32 1.30 0.00 | 21.84 1.36 -2.55 | 26.79 1.44 -7.47 | 29.30 1.44 -10.07 | 20.73 1.51 -1.76 | 19.32 1.59 -1.13 | 19.92 1.53 0.00 | 19.85 1.32 0.83 | 19.85 1.52 1.47 | 20.74 1.46 3.54 | 22.33 1.32 0.00 | 20.17 1.12 0.00 |
| NORTHPORT___IC 23718 | 21.75 1.52 -1.10 | 18.85 1.22 -1.02 | 17.26 1.09 -0.44 | 17.10 1.01 -0.76 | 17.19 1.08 -0.33 | 17.74 1.12 -0.24 | 21.33 1.28 -1.57 | 22.02 1.38 0.00 | 74.09 1.13 -53.38 | 39.91 1.42 -18.48 | 36.18 1.71 -12.16 | 63.19 1.45 -39.97 | 20.38 1.37 0.00 | 21.90 1.42 -2.55 | 26.87 1.51 -7.47 | 29.44 1.58 -10.07 | 20.83 1.61 -1.76 | 19.38 1.65 -1.13 | 20.05 1.66 0.00 | 20.83 1.47 0.00 | 21.50 1.71 0.00 | 24.46 1.64 0.00 | 22.46 1.45 0.00 | 20.25 1.19 0.00 |
| NORTH___COUNTRY_ESR 323785 | 19.37 0.26 0.00 | 16.80 0.20 0.00 | 15.94 0.20 0.00 | 15.55 0.21 0.00 | 16.02 0.23 0.00 | 16.62 0.24 0.00 | 18.80 0.32 0.00 | 21.05 0.41 0.00 | 19.86 0.28 0.00 | 20.00 -0.01 0.00 | 22.32 0.01 0.00 | 21.81 0.03 0.00 | 19.01 0.00 0.00 | 17.85 -0.08 0.00 | 6.81 -0.13 10.94 | 17.57 -0.21 0.00 | 17.09 -0.36 0.00 | 16.31 -0.30 0.00 | 18.03 -0.36 0.00 | 18.92 -0.44 0.00 | 19.37 -0.43 0.00 | 22.46 -0.36 0.00 | 20.67 -0.34 0.00 | 18.81 -0.24 0.00 |
| NPX_GEN_1385_PROXY 323591 | 18.93 1.66 1.85 | 18.97 1.34 -1.02 | 17.37 1.20 -0.44 | 17.22 1.13 -0.76 | 17.37 1.27 -0.33 | 17.87 1.25 -0.24 | 21.27 1.48 -1.32 | 22.19 1.55 0.00 | 74.09 1.13 -53.38 | 39.63 1.13 -18.48 | 30.91 1.38 -7.23 | 58.16 1.12 -35.27 | -10.26 1.08 30.36 | 10.06 1.15 9.02 | 26.62 1.27 -7.47 | 29.21 1.35 -10.07 | 19.63 1.35 -0.82 | 18.83 1.40 -0.82 | 19.88 1.49 0.00 | 20.59 1.23 0.00 | 21.54 1.74 0.00 | 24.30 1.47 0.00 | 22.27 1.26 0.00 | 20.07 1.02 0.00 |
| NPX_GEN_CSC 323557 | 18.84 1.57 1.85 | 18.86 1.23 -1.02 | 17.26 1.08 -0.44 | 17.11 1.01 -0.76 | 17.20 1.09 -0.33 | 17.76 1.13 -0.24 | 21.07 1.28 -1.32 | 22.01 1.37 0.00 | 74.03 1.10 -53.35 | 39.87 1.38 -18.48 | 36.13 1.66 -12.16 | 62.98 1.43 -39.78 | 20.37 1.35 0.00 | 21.88 1.40 -2.55 | 26.88 1.53 -7.47 | 29.49 1.63 -10.07 | 20.90 1.68 -1.76 | 19.41 1.68 -1.13 | 20.06 1.67 0.00 | 20.84 1.48 0.00 | 21.50 1.71 0.00 | 24.45 1.63 0.00 | 22.40 1.39 0.00 | 20.13 1.08 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 21.99 1.33 -1.54 | 28.90 1.17 -11.13 | 21.62 1.11 -4.78 | 24.68 1.10 -8.24 | 20.50 1.16 -3.55 | 20.22 1.23 -2.60 | 36.97 1.38 -17.11 | 22.12 1.48 0.00 | 20.92 1.34 0.00 | 21.33 1.33 0.00 | 23.66 1.35 0.00 | 23.16 1.39 0.00 | 19.98 0.96 0.00 | 18.76 0.82 0.00 | 18.56 0.68 0.00 | 18.41 0.62 0.00 | 18.21 0.76 0.00 | 17.46 0.85 0.00 | 19.56 1.17 0.00 | 21.12 1.32 -0.44 | 21.15 1.36 0.00 | 24.24 1.41 0.00 | 22.17 1.16 0.00 | 20.00 0.94 0.00 |
| NUCOR_STEEL___DRP 24197 | 19.25 0.13 0.00 | 16.68 0.08 0.00 | 15.82 0.08 0.00 | 15.42 0.09 0.00 | 15.82 0.04 0.00 | 16.43 0.04 0.00 | 18.53 0.06 0.00 | 20.73 0.09 0.00 | 19.68 0.10 0.00 | 20.14 0.13 0.00 | 22.41 0.10 0.00 | 21.82 0.05 0.00 | 19.06 0.05 0.00 | 17.95 0.02 0.00 | 16.41 0.02 1.48 | 17.78 0.00 0.00 | 17.50 0.04 0.00 | 16.69 0.08 0.00 | 18.58 0.19 0.00 | 19.72 0.36 0.00 | 20.17 0.38 0.00 | 23.16 0.33 0.00 | 21.25 0.24 0.00 | 19.30 0.25 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 19.62 0.50 0.00 | 17.04 0.44 0.00 | 16.17 0.43 0.00 | 15.77 0.43 0.00 | 16.24 0.46 0.00 | 16.86 0.47 0.00 | 19.08 0.60 0.00 | 21.34 0.70 0.00 | 20.24 0.66 0.00 | 20.63 0.62 0.00 | 22.93 0.62 0.00 | 22.30 0.53 0.00 | 19.49 0.48 0.00 | 18.26 0.33 0.00 | -3.09 0.24 21.21 | 17.98 0.19 0.00 | 17.56 0.10 0.00 | 16.71 0.10 0.00 | 18.57 0.18 0.00 | 19.73 0.37 0.00 | 20.37 0.58 0.00 | 23.52 0.69 0.00 | 21.48 0.47 0.00 | 19.42 0.37 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 19.12 0.00 0.00 | 16.60 0.00 0.00 | 15.74 0.00 0.00 | 15.34 0.00 0.00 | 15.78 0.00 0.00 | 16.39 0.00 0.00 | 18.47 0.00 0.00 | 20.64 0.00 0.00 | 19.58 0.00 0.00 | 20.01 0.00 0.00 | 22.31 0.00 0.00 | 21.77 0.00 0.00 | 19.01 0.00 0.00 | 17.93 0.00 0.00 | 17.88 0.00 0.00 | 17.79 0.00 0.00 | 17.46 0.00 0.00 | 16.61 0.00 0.00 | 18.39 0.00 0.00 | 19.36 0.00 0.00 | 19.80 0.00 0.00 | 22.82 0.00 0.00 | 21.01 0.00 0.00 | 19.05 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 21.93 1.71 -1.10 | 18.99 1.37 -1.02 | 17.39 1.21 -0.44 | 17.23 1.13 -0.76 | 17.32 1.21 -0.33 | 17.88 1.26 -0.24 | 21.50 1.46 -1.57 | 22.22 1.58 0.00 | 74.29 1.33 -53.39 | 40.13 1.64 -18.48 | 36.43 1.96 -12.16 | 63.45 1.71 -39.97 | 20.63 1.62 0.00 | 22.15 1.67 -2.55 | 27.12 1.77 -7.47 | 29.71 1.85 -10.07 | 21.10 1.88 -1.76 | 19.63 1.90 -1.13 | 20.34 1.95 0.00 | 21.13 1.77 0.00 | 21.80 2.00 0.00 | 24.81 1.98 0.00 | 22.76 1.75 0.00 | 20.47 1.42 0.00 |

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| NYPA_GOWANUS____GT5 24156 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NYPA_GOWANUS____GT6 24157 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.41 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.29 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.08 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.68 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.85 0.80 -1.57 | 21.61 0.97 0.00 | 20.58 1.00 0.00 | 21.12 1.11 0.00 | 23.65 1.34 0.00 | 23.10 1.33 0.00 | 20.19 1.18 0.00 | 19.08 1.14 0.00 | 19.11 1.23 0.00 | 19.15 1.37 0.00 | 18.88 1.43 0.00 | 18.00 1.39 0.00 | 19.77 1.38 0.00 | 20.75 1.39 0.00 | 21.25 1.46 0.00 | 24.35 1.53 0.00 | 22.37 1.36 0.00 | 20.10 1.05 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.85 0.80 -1.57 | 21.61 0.97 0.00 | 20.58 1.00 0.00 | 21.12 1.11 0.00 | 23.65 1.34 0.00 | 23.10 1.33 0.00 | 20.19 1.18 0.00 | 19.08 1.14 0.00 | 19.11 1.23 0.00 | 19.15 1.37 0.00 | 18.88 1.43 0.00 | 18.00 1.39 0.00 | 19.77 1.38 0.00 | 20.75 1.39 0.00 | 21.25 1.46 0.00 | 24.35 1.53 0.00 | 22.37 1.36 0.00 | 20.10 1.05 0.00 |
| NYPA_KENT____GT 24152 | 20.37 1.10 -0.14 | 18.53 0.91 -1.02 | 17.01 0.84 -0.44 | 16.87 0.77 -0.76 | 16.89 0.78 -0.33 | 17.41 0.79 -0.24 | 20.91 0.86 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.40 0.00 | 20.24 1.22 0.00 | 19.14 1.20 0.00 | 19.16 1.28 0.00 | 19.18 1.39 0.00 | 18.91 1.45 0.00 | 18.06 1.45 0.00 | 19.87 1.48 0.00 | 20.86 1.50 0.00 | 21.36 1.57 0.00 | 24.46 1.64 0.00 | 22.45 1.44 0.00 | 20.18 1.12 0.00 |
| NYPA_POUCH1____GT 24155 | 20.33 1.07 -0.14 | 18.50 0.87 -1.02 | 16.97 0.80 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.00 0.00 | 21.11 1.10 0.00 | 23.66 1.36 0.00 | 23.10 1.33 0.00 | 20.17 1.15 0.00 | 19.08 1.14 0.00 | 19.10 1.22 0.00 | 19.12 1.34 0.00 | 18.86 1.40 0.00 | 18.02 1.41 0.00 | 19.84 1.45 0.00 | 20.84 1.48 0.00 | 21.34 1.55 0.00 | 24.45 1.62 0.00 | 22.45 1.44 0.00 | 20.17 1.12 0.00 |
| NYPA_VERNON____GT2 24162 | 20.35 1.09 -0.14 | 18.52 0.90 -1.02 | 17.01 0.83 -0.44 | 16.87 0.77 -0.76 | 16.89 0.79 -0.33 | 17.41 0.78 -0.24 | 20.90 0.86 -1.57 | 21.68 1.04 0.00 | 20.64 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.45 0.00 | 23.17 1.40 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.15 1.27 0.00 | 19.17 1.38 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.84 1.46 0.00 | 20.83 1.47 0.00 | 21.34 1.54 0.00 | 24.42 1.60 0.00 | 22.42 1.41 0.00 | 20.15 1.10 0.00 |
| NYPA_VERNON____GT3 24163 | 20.35 1.09 -0.14 | 18.52 0.90 -1.02 | 17.01 0.83 -0.44 | 16.87 0.77 -0.76 | 16.89 0.79 -0.33 | 17.41 0.78 -0.24 | 20.90 0.86 -1.57 | 21.68 1.04 0.00 | 20.64 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.45 0.00 | 23.17 1.40 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.15 1.27 0.00 | 19.17 1.38 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.84 1.46 0.00 | 20.83 1.47 0.00 | 21.34 1.54 0.00 | 24.42 1.60 0.00 | 22.42 1.41 0.00 | 20.15 1.10 0.00 |
| NYPA____ASTORIA_CC1 323568 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.39 0.76 -0.24 | 20.86 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.03 0.00 | 21.15 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| NYPA____ASTORIA_CC2 323569 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.39 0.76 -0.24 | 20.86 0.82 -1.57 | 21.64 1.00 0.00 | 20.60 1.03 0.00 | 21.15 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.20 1.18 0.00 | 19.09 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.29 1.49 0.00 | 24.38 1.55 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| NYPA____HOLTSVILL 23794 | 21.82 1.60 -1.10 | 18.89 1.27 -1.02 | 17.30 1.12 -0.44 | 17.14 1.05 -0.76 | 17.23 1.12 -0.33 | 17.79 1.16 -0.24 | 21.38 1.33 -1.57 | 22.07 1.43 0.00 | 74.09 1.16 -53.35 | 39.94 1.45 -18.48 | 36.21 1.74 -12.16 | 63.24 1.51 -39.97 | 20.44 1.42 0.00 | 21.95 1.47 -2.55 | 26.92 1.57 -7.47 | 29.52 1.66 -10.07 | 20.93 1.71 -1.76 | 19.44 1.70 -1.13 | 20.12 1.73 0.00 | 20.91 1.54 0.00 | 21.58 1.79 0.00 | 24.55 1.73 0.00 | 22.53 1.52 0.00 | 20.28 1.22 0.00 |
| NYPA____HELLGATE_GT1 24158 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.85 0.80 -1.57 | 21.61 0.97 0.00 | 20.58 1.00 0.00 | 21.12 1.11 0.00 | 23.65 1.34 0.00 | 23.10 1.33 0.00 | 20.19 1.18 0.00 | 19.08 1.14 0.00 | 19.11 1.23 0.00 | 19.15 1.37 0.00 | 18.88 1.43 0.00 | 18.00 1.39 0.00 | 19.77 1.38 0.00 | 20.75 1.39 0.00 | 21.25 1.46 0.00 | 24.35 1.53 0.00 | 22.37 1.36 0.00 | 20.10 1.05 0.00 |
| NYPA____HELLGATE_GT2 24159 | 20.34 1.07 -0.14 | 18.50 0.88 -1.02 | 16.97 0.79 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.36 0.74 -0.24 | 20.85 0.80 -1.57 | 21.61 0.97 0.00 | 20.58 1.00 0.00 | 21.12 1.11 0.00 | 23.65 1.34 0.00 | 23.10 1.33 0.00 | 20.19 1.18 0.00 | 19.08 1.14 0.00 | 19.11 1.23 0.00 | 19.15 1.37 0.00 | 18.88 1.43 0.00 | 18.00 1.39 0.00 | 19.77 1.38 0.00 | 20.75 1.39 0.00 | 21.25 1.46 0.00 | 24.35 1.53 0.00 | 22.37 1.36 0.00 | 20.10 1.05 0.00 |
| NYS_BARGE____HYD 23848 | 18.45 -0.67 0.00 | 16.10 -0.50 0.00 | 15.22 -0.51 0.00 | 14.87 -0.46 0.00 | 15.29 -0.49 0.00 | 15.96 -0.43 0.00 | 18.00 -0.47 0.00 | 20.19 -0.46 0.00 | 19.19 -0.39 0.00 | 19.81 -0.20 0.00 | 22.25 -0.06 0.00 | 21.72 -0.05 0.00 | 19.07 0.06 0.00 | 17.86 -0.07 0.00 | 17.76 -0.12 0.00 | 17.54 -0.24 0.00 | 17.20 -0.26 0.00 | 16.22 -0.39 0.00 | 18.20 -0.19 0.00 | 19.42 0.06 0.00 | 19.73 -0.07 0.00 | 22.68 -0.14 0.00 | 21.23 0.23 0.00 | 19.10 0.05 0.00 |
| OAK ORCHARD____HYD 24046 | 18.77 -0.35 0.00 | 16.34 -0.26 0.00 | 15.46 -0.28 0.00 | 15.08 -0.25 0.00 | 15.51 -0.27 0.00 | 16.16 -0.22 0.00 | 18.24 -0.23 0.00 | 20.45 -0.20 0.00 | 19.41 -0.16 0.00 | 19.96 -0.05 0.00 | 22.31 0.00 0.00 | 21.79 0.02 0.00 | 19.11 0.09 0.00 | 17.96 0.03 0.00 | 17.88 0.00 0.00 | 17.72 -0.07 0.00 | 17.39 -0.07 0.00 | 16.45 -0.16 0.00 | 18.42 0.03 0.00 | 19.59 0.23 0.00 | 19.94 0.15 0.00 | 22.90 0.08 0.00 | 21.24 0.23 0.00 | 19.17 0.12 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 19.18 0.06 0.00 | 16.63 0.03 0.00 | 15.76 0.02 0.00 | 15.38 0.04 0.00 | 15.83 0.05 0.00 | 16.44 0.05 0.00 | 18.56 0.09 0.00 | 20.81 0.17 0.00 | 19.77 0.19 0.00 | 20.28 0.28 0.00 | 22.65 0.35 0.00 | 22.06 0.29 0.00 | 19.29 0.27 0.00 | 18.19 0.26 0.00 | 18.15 0.27 0.00 | 18.08 0.29 0.00 | 17.75 0.29 0.00 | 16.93 0.32 0.00 | 18.78 0.39 0.00 | 19.81 0.44 0.00 | 20.22 0.42 0.00 | 23.18 0.36 0.00 | 21.39 0.38 0.00 | 19.31 0.25 0.00 |
| OCC_CHEM___DRP 24175 | 18.12 -1.00 0.00 | 15.79 -0.81 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.67 -0.72 0.00 | 17.66 -0.81 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.46 -0.55 0.00 | 21.84 -0.47 0.00 | 21.36 -0.41 0.00 | 18.76 -0.26 0.00 | 17.56 -0.37 0.00 | 17.46 -0.42 0.00 | 17.22 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.21 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| OH_GEN_PROXY 24063 | 15.30 -0.86 2.95 | 15.93 -0.67 0.00 | 15.07 -0.67 0.00 | 14.73 -0.61 0.00 | 15.14 -0.65 0.00 | 15.79 -0.60 0.00 | 17.55 -0.67 0.25 | 19.97 -0.68 0.00 | 18.99 -0.59 0.00 | 19.61 -0.40 0.00 | 22.02 -0.29 0.00 | 21.33 -0.25 0.19 | 18.88 -0.14 0.00 | 17.68 -0.25 0.00 | 17.58 -0.30 0.00 | 17.38 -0.41 0.00 | 17.03 -0.43 0.00 | 16.02 -0.59 0.00 | 17.98 -0.42 0.00 | 19.15 -0.21 0.00 | 19.44 -0.35 0.00 | 22.35 -0.47 0.00 | 20.93 -0.08 0.00 | 18.86 -0.20 0.00 |
| OLIN_CORP_DRP 24177 | 18.20 -0.92 0.00 | 15.85 -0.75 0.00 | 15.02 -0.71 0.00 | 14.68 -0.65 0.00 | 15.09 -0.69 0.00 | 15.73 -0.66 0.00 | 17.75 -0.72 0.00 | 19.89 -0.75 0.00 | 18.92 -0.66 0.00 | 19.54 -0.47 0.00 | 21.93 -0.38 0.00 | 21.43 -0.34 0.00 | 18.82 -0.19 0.00 | 17.62 -0.32 0.00 | 17.52 -0.36 0.00 | 17.29 -0.49 0.00 | 16.96 -0.50 0.00 | 15.95 -0.66 0.00 | 17.91 -0.48 0.00 | 19.11 -0.25 0.00 | 19.40 -0.39 0.00 | 22.32 -0.51 0.00 | 20.92 -0.09 0.00 | 18.84 -0.21 0.00 |
| OLIN_CORP_DSASP 323712 | 18.12 -1.00 0.00 | 15.82 -0.78 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.69 -0.70 0.00 | 17.67 -0.80 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.47 -0.54 0.00 | 21.84 -0.46 0.00 | 21.38 -0.39 0.00 | 18.76 -0.25 0.00 | 17.57 -0.37 0.00 | 17.45 -0.42 0.00 | 17.23 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.22 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| ONEIDA_HERK_LFGE 323681 | 19.58 0.46 0.00 | 16.98 0.38 0.00 | 16.11 0.38 0.00 | 15.70 0.37 0.00 | 16.17 0.39 0.00 | 16.81 0.42 0.00 | 18.99 0.52 0.00 | 21.25 0.61 0.00 | 20.17 0.59 0.00 | 20.60 0.59 0.00 | 22.93 0.62 0.00 | 22.33 0.55 0.00 | 19.50 0.49 0.00 | 18.36 0.42 0.00 | 8.50 0.38 9.76 | 18.15 0.37 0.00 | 17.78 0.33 0.00 | 16.93 0.32 0.00 | 18.79 0.40 0.00 | 19.90 0.54 0.00 | 20.43 0.63 0.00 | 23.52 0.70 0.00 | 21.56 0.55 0.00 | 19.49 0.43 0.00 |
| ONEIDA___115KV_TB4 55905 | 19.61 0.49 0.00 | 17.00 0.40 0.00 | 16.11 0.38 0.00 | 15.71 0.37 0.00 | 16.17 0.39 0.00 | 16.82 0.43 0.00 | 19.02 0.54 0.00 | 21.28 0.64 0.00 | 20.21 0.64 0.00 | 20.67 0.66 0.00 | 23.03 0.72 0.00 | 22.39 0.61 0.00 | 19.56 0.55 0.00 | 18.46 0.52 0.00 | 14.25 0.50 4.14 | 18.29 0.50 0.00 | 17.94 0.48 0.00 | 17.10 0.49 0.00 | 18.96 0.57 0.00 | 20.07 0.70 0.00 | 20.56 0.76 0.00 | 23.64 0.82 0.00 | 21.71 0.70 0.00 | 19.62 0.57 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 19.06 -0.06 0.00 | 16.53 -0.07 0.00 | 15.66 -0.07 0.00 | 15.27 -0.07 0.00 | 15.71 -0.07 0.00 | 16.32 -0.06 0.00 | 18.40 -0.07 0.00 | 20.57 -0.07 0.00 | 19.53 -0.04 0.00 | 20.01 0.00 0.00 | 22.28 -0.03 0.00 | 21.71 -0.07 0.00 | 18.96 -0.06 0.00 | 17.88 -0.05 0.00 | 15.97 -0.05 1.85 | 17.72 -0.06 0.00 | 17.44 -0.02 0.00 | 16.63 0.02 0.00 | 18.47 0.08 0.00 | 19.49 0.13 0.00 | 19.90 0.11 0.00 | 22.84 0.01 0.00 | 21.04 0.03 0.00 | 19.11 0.05 0.00 |
| ONONDAGA___COGEN 23986 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| ONTARIO___LFGE 23819 | 19.07 -0.05 0.00 | 16.55 -0.05 0.00 | 15.67 -0.06 0.00 | 15.30 -0.04 0.00 | 15.75 -0.03 0.00 | 16.39 0.01 0.00 | 18.55 0.08 0.00 | 20.86 0.22 0.00 | 19.79 0.22 0.00 | 20.30 0.29 0.00 | 22.58 0.27 0.00 | 22.06 0.29 0.00 | 19.25 0.23 0.00 | 18.10 0.17 0.00 | 18.02 0.14 0.00 | 17.90 0.12 0.00 | 17.58 0.12 0.00 | 16.75 0.14 0.00 | 18.76 0.37 0.00 | 19.93 0.57 0.00 | 20.32 0.53 0.00 | 23.31 0.48 0.00 | 21.52 0.52 0.00 | 19.37 0.32 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 18.72 -0.41 0.00 | 16.28 -0.31 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.50 -0.28 0.00 | 16.13 -0.25 0.00 | 18.24 -0.23 0.00 | 20.53 -0.11 0.00 | 19.52 -0.05 0.00 | 20.13 0.12 0.00 | 22.57 0.26 0.00 | 22.01 0.24 0.00 | 19.29 0.28 0.00 | 18.12 0.18 0.00 | 18.03 0.15 0.00 | 17.87 0.08 0.00 | 17.51 0.05 0.00 | 16.58 -0.03 0.00 | 18.55 0.16 0.00 | 19.73 0.36 0.00 | 20.06 0.26 0.00 | 23.03 0.21 0.00 | 21.46 0.45 0.00 | 19.24 0.18 0.00 |
| ORANGEVILLE___ESR 323794 | 18.72 -0.41 0.00 | 16.28 -0.31 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.50 -0.28 0.00 | 16.13 -0.25 0.00 | 18.24 -0.23 0.00 | 20.53 -0.11 0.00 | 19.52 -0.05 0.00 | 20.13 0.12 0.00 | 22.57 0.26 0.00 | 22.01 0.24 0.00 | 19.29 0.28 0.00 | 18.12 0.18 0.00 | 18.03 0.15 0.00 | 17.87 0.08 0.00 | 17.51 0.05 0.00 | 16.58 -0.03 0.00 | 18.55 0.16 0.00 | 19.73 0.36 0.00 | 20.06 0.26 0.00 | 23.03 0.21 0.00 | 21.46 0.45 0.00 | 19.24 0.18 0.00 |
| OSWEGATCHIE___HYD 24044 | 19.27 0.15 0.00 | 16.80 0.20 0.00 | 15.99 0.25 0.00 | 15.60 0.26 0.00 | 16.05 0.26 0.00 | 16.57 0.19 0.00 | 18.76 0.28 0.00 | 20.97 0.33 0.00 | 19.86 0.28 0.00 | 20.19 0.18 0.00 | 22.44 0.13 0.00 | 21.83 0.06 0.00 | 19.05 0.04 0.00 | 17.80 -0.13 0.00 | -31.07 -0.26 48.69 | 17.49 -0.30 0.00 | 17.06 -0.40 0.00 | 16.21 -0.40 0.00 | 18.00 -0.39 0.00 | 19.04 -0.32 0.00 | 19.65 -0.15 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.07 0.01 0.00 |
| OSWEGO___5 23606 | 18.80 -0.32 0.00 | 16.32 -0.28 0.00 | 15.46 -0.27 0.00 | 15.07 -0.26 0.00 | 15.51 -0.27 0.00 | 16.11 -0.28 0.00 | 18.14 -0.32 0.00 | 20.28 -0.37 0.00 | 19.24 -0.33 0.00 | 19.70 -0.31 0.00 | 21.94 -0.36 0.00 | 21.39 -0.38 0.00 | 18.67 -0.34 0.00 | 17.62 -0.32 0.00 | 17.56 -0.32 0.00 | 17.46 -0.33 0.00 | 17.15 -0.30 0.00 | 16.33 -0.28 0.00 | 18.13 -0.26 0.00 | 19.13 -0.23 0.00 | 19.53 -0.26 0.00 | 22.45 -0.38 0.00 | 20.69 -0.32 0.00 | 18.82 -0.24 0.00 |
| OSWEGO___6 23613 | 18.80 -0.32 0.00 | 16.32 -0.28 0.00 | 15.46 -0.27 0.00 | 15.07 -0.26 0.00 | 15.51 -0.27 0.00 | 16.11 -0.28 0.00 | 18.14 -0.32 0.00 | 20.28 -0.37 0.00 | 19.24 -0.33 0.00 | 19.70 -0.31 0.00 | 21.94 -0.36 0.00 | 21.39 -0.38 0.00 | 18.67 -0.34 0.00 | 17.62 -0.32 0.00 | 17.56 -0.32 0.00 | 17.46 -0.33 0.00 | 17.15 -0.30 0.00 | 16.33 -0.28 0.00 | 18.13 -0.26 0.00 | 19.13 -0.23 0.00 | 19.53 -0.26 0.00 | 22.45 -0.38 0.00 | 20.69 -0.32 0.00 | 18.82 -0.24 0.00 |

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|---|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 18.57 -0.55 0.00 | 16.17 -0.43 0.00 | 15.32 -0.42 0.00 | 14.97 -0.37 0.00 | 15.38 -0.40 0.00 | 16.05 -0.34 0.00 | 18.11 -0.37 0.00 | 20.32 -0.32 0.00 | 19.35 -0.23 0.00 | 19.97 -0.04 0.00 | 22.43 0.12 0.00 | 21.91 0.14 0.00 | 19.24 0.22 0.00 | 18.04 0.10 0.00 | 17.94 0.06 0.00 | 17.71 -0.08 0.00 | 17.37 -0.09 0.00 | 16.36 -0.25 0.00 | 18.37 -0.02 0.00 | 19.57 0.21 0.00 | 19.85 0.05 0.00 | 22.79 -0.04 0.00 | 21.37 0.36 0.00 | 19.23 0.17 0.00 |
| OXBOW___BTM 323836 | 18.36 -0.77 0.00 | 16.02 -0.58 0.00 | 15.15 -0.59 0.00 | 14.80 -0.53 0.00 | 15.22 -0.57 0.00 | 15.88 -0.50 0.00 | 17.91 -0.56 0.00 | 20.08 -0.57 0.00 | 19.11 -0.46 0.00 | 19.73 -0.28 0.00 | 22.16 -0.15 0.00 | 21.68 -0.10 0.00 | 19.02 0.00 0.00 | 17.82 -0.11 0.00 | 17.72 -0.16 0.00 | 17.49 -0.30 0.00 | 17.15 -0.31 0.00 | 16.13 -0.48 0.00 | 18.11 -0.28 0.00 | 19.31 -0.05 0.00 | 19.55 -0.24 0.00 | 22.45 -0.37 0.00 | 21.10 0.09 0.00 | 19.01 -0.04 0.00 |
| OXBOW___ 24026 | 18.35 -0.77 0.00 | 15.99 -0.61 0.00 | 15.15 -0.59 0.00 | 14.80 -0.53 0.00 | 15.22 -0.57 0.00 | 15.87 -0.52 0.00 | 17.90 -0.57 0.00 | 20.08 -0.57 0.00 | 19.11 -0.46 0.00 | 19.73 -0.28 0.00 | 22.16 -0.15 0.00 | 21.66 -0.11 0.00 | 19.02 0.00 0.00 | 17.82 -0.12 0.00 | 17.72 -0.16 0.00 | 17.49 -0.30 0.00 | 17.15 -0.31 0.00 | 16.13 -0.48 0.00 | 18.12 -0.27 0.00 | 19.31 -0.06 0.00 | 19.55 -0.24 0.00 | 22.45 -0.37 0.00 | 21.10 0.09 0.00 | 19.01 -0.04 0.00 |
| OXY_CHEM_DSASP 323612 | 18.12 -1.00 0.00 | 15.79 -0.81 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.67 -0.72 0.00 | 17.66 -0.81 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.46 -0.55 0.00 | 21.84 -0.47 0.00 | 21.36 -0.41 0.00 | 18.76 -0.26 0.00 | 17.56 -0.37 0.00 | 17.46 -0.42 0.00 | 17.22 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.21 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| OZONE_PARK_ESR 323760 | 20.50 1.24 -0.14 | 18.64 1.02 -1.02 | 17.11 0.94 -0.44 | 16.96 0.87 -0.76 | 17.00 0.89 -0.33 | 17.53 0.91 -0.24 | 21.05 1.00 -1.57 | 21.84 1.20 0.00 | 20.80 1.23 0.00 | 21.37 1.36 0.00 | 23.95 1.64 0.00 | 23.37 1.59 0.00 | 20.41 1.39 0.00 | 19.29 1.36 0.00 | 19.30 1.42 0.00 | 19.32 1.53 0.00 | 19.04 1.58 0.00 | 18.19 1.58 0.00 | 20.01 1.63 0.00 | 21.02 1.66 0.00 | 21.52 1.72 0.00 | 24.64 1.81 0.00 | 22.62 1.61 0.00 | 20.32 1.27 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 18.12 -1.00 0.00 | 15.79 -0.81 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.67 -0.72 0.00 | 17.66 -0.81 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.46 -0.55 0.00 | 21.84 -0.47 0.00 | 21.36 -0.41 0.00 | 18.76 -0.26 0.00 | 17.56 -0.37 0.00 | 17.46 -0.42 0.00 | 17.22 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.21 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 18.12 -1.00 0.00 | 15.79 -0.81 0.00 | 14.97 -0.77 0.00 | 14.63 -0.71 0.00 | 15.03 -0.75 0.00 | 15.67 -0.72 0.00 | 17.66 -0.81 0.00 | 19.80 -0.84 0.00 | 18.84 -0.74 0.00 | 19.46 -0.55 0.00 | 21.84 -0.47 0.00 | 21.36 -0.41 0.00 | 18.76 -0.26 0.00 | 17.56 -0.37 0.00 | 17.46 -0.42 0.00 | 17.22 -0.56 0.00 | 16.88 -0.57 0.00 | 15.86 -0.75 0.00 | 17.82 -0.57 0.00 | 18.99 -0.37 0.00 | 19.21 -0.58 0.00 | 22.06 -0.77 0.00 | 20.78 -0.23 0.00 | 18.76 -0.29 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 20.33 1.06 -0.14 | 18.48 0.86 -1.02 | 16.96 0.78 -0.44 | 16.81 0.72 -0.76 | 16.84 0.73 -0.33 | 17.36 0.73 -0.24 | 20.84 0.79 -1.57 | 21.58 0.93 0.00 | 20.53 0.96 0.00 | 21.07 1.06 0.00 | 23.61 1.30 0.00 | 23.05 1.28 0.00 | 20.12 1.11 0.00 | 19.02 1.09 0.00 | 19.05 1.18 0.00 | 19.08 1.30 0.00 | 18.82 1.36 0.00 | 17.95 1.34 0.00 | 19.73 1.34 0.00 | 20.70 1.34 0.00 | 21.21 1.42 0.00 | 24.30 1.47 0.00 | 22.30 1.29 0.00 | 20.06 1.00 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 20.33 1.06 -0.14 | 18.48 0.86 -1.02 | 16.96 0.78 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.38 0.75 -0.24 | 20.86 0.82 -1.57 | 21.60 0.96 0.00 | 20.54 0.97 0.00 | 21.07 1.06 0.00 | 23.61 1.31 0.00 | 23.05 1.28 0.00 | 20.12 1.11 0.00 | 19.02 1.09 0.00 | 19.06 1.18 0.00 | 19.09 1.30 0.00 | 18.82 1.37 0.00 | 17.95 1.34 0.00 | 19.73 1.34 0.00 | 20.71 1.35 0.00 | 21.21 1.42 0.00 | 24.30 1.48 0.00 | 22.30 1.29 0.00 | 20.06 1.00 0.00 |
| PATROON___115KV_TB1 80586 | 20.92 0.71 -1.09 | 25.17 0.66 -7.90 | 19.76 0.63 -3.40 | 21.80 0.61 -5.85 | 18.93 0.63 -2.52 | 18.87 0.63 -1.85 | 31.23 0.61 -12.15 | 21.07 0.43 0.00 | 19.95 0.38 0.00 | 20.42 0.41 0.00 | 22.78 0.47 0.00 | 22.31 0.54 0.00 | 19.51 0.50 0.00 | 18.43 0.49 0.00 | 18.40 0.52 0.00 | 18.27 0.49 0.00 | 18.01 0.55 0.00 | 17.20 0.59 0.00 | 19.04 0.65 0.00 | 20.14 0.69 -0.09 | 20.44 0.64 0.00 | 23.38 0.56 0.00 | 21.43 0.42 0.00 | 19.44 0.38 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 21.39 0.63 -1.64 | 28.96 0.51 -11.85 | 21.31 0.49 -5.09 | 24.58 0.48 -8.77 | 20.06 0.49 -3.78 | 19.69 0.53 -2.77 | 37.31 0.62 -18.21 | 21.34 0.69 0.00 | 20.14 0.57 0.00 | 20.62 0.61 0.00 | 22.97 0.66 0.00 | 22.45 0.68 0.00 | 19.57 0.56 0.00 | 18.43 0.50 0.00 | 18.37 0.50 0.00 | 18.35 0.57 0.00 | 18.03 0.57 0.00 | 17.29 0.68 0.00 | 19.17 0.78 0.00 | 20.46 0.86 -0.25 | 20.68 0.88 0.00 | 23.72 0.90 0.00 | 21.78 0.77 0.00 | 19.68 0.63 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 18.81 -0.31 0.00 | 16.35 -0.25 0.00 | 15.50 -0.23 0.00 | 15.16 -0.18 0.00 | 15.58 -0.20 0.00 | 16.23 -0.15 0.00 | 18.37 -0.10 0.00 | 20.65 0.01 0.00 | 19.64 0.07 0.00 | 20.28 0.27 0.00 | 22.76 0.45 0.00 | 22.19 0.42 0.00 | 19.48 0.47 0.00 | 18.28 0.34 0.00 | 18.18 0.30 0.00 | 18.01 0.23 0.00 | 17.65 0.19 0.00 | 16.70 0.09 0.00 | 18.71 0.32 0.00 | 19.89 0.53 0.00 | 20.20 0.40 0.00 | 23.19 0.37 0.00 | 21.65 0.64 0.00 | 19.44 0.38 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 20.31 1.05 -0.15 | 18.52 0.85 -1.08 | 16.98 0.78 -0.46 | 16.87 0.73 -0.80 | 16.88 0.75 -0.34 | 17.42 0.78 -0.25 | 21.02 0.90 -1.65 | 21.71 1.07 0.00 | 20.63 1.05 0.00 | 21.17 1.17 0.00 | 23.73 1.41 0.00 | 23.18 1.41 0.00 | 20.26 1.25 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.15 1.36 0.00 | 18.90 1.44 0.00 | 18.07 1.46 0.00 | 19.92 1.53 0.00 | 20.92 1.55 0.00 | 21.39 1.59 0.00 | 24.45 1.62 0.00 | 22.40 1.39 0.00 | 20.15 1.09 0.00 |
| PEEKSKILL___ 23653 | 20.14 0.88 -0.14 | 18.32 0.71 -1.01 | 16.82 0.66 -0.43 | 16.69 0.61 -0.75 | 16.73 0.63 -0.32 | 17.25 0.62 -0.24 | 20.72 0.70 -1.55 | 21.48 0.84 0.00 | 20.42 0.84 0.00 | 20.97 0.96 0.00 | 23.49 1.18 0.00 | 22.93 1.16 0.00 | 20.04 1.03 0.00 | 18.95 1.02 0.00 | 18.96 1.08 0.00 | 18.96 1.17 0.00 | 18.70 1.24 0.00 | 17.86 1.25 0.00 | 19.68 1.30 0.00 | 20.66 1.30 0.00 | 21.13 1.33 0.00 | 24.17 1.35 0.00 | 22.17 1.16 0.00 | 19.96 0.90 0.00 |
| PGE MADISON___WINDPWR 24146 | 20.46 1.34 0.00 | 17.73 1.14 0.00 | 16.75 1.01 0.00 | 16.33 1.00 0.00 | 16.84 1.06 0.00 | 17.59 1.20 0.00 | 20.01 1.54 0.00 | 22.53 1.89 0.00 | 21.42 1.84 0.00 | 21.95 1.94 0.00 | 24.37 2.06 0.00 | 23.57 1.80 0.00 | 20.63 1.62 0.00 | 19.36 1.43 0.00 | 19.25 1.37 0.00 | 19.05 1.27 0.00 | 18.76 1.30 0.00 | 17.97 1.36 0.00 | 20.02 1.63 0.00 | 21.23 1.87 0.00 | 21.77 1.97 0.00 | 24.96 2.14 0.00 | 22.90 1.88 0.00 | 20.53 1.48 0.00 |

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| PIERCEFIELD___HYD 23852 | 18.95 -0.17 0.00 | 16.60 0.00 0.00 | 15.84 0.11 0.00 | 15.45 0.12 0.00 | 15.89 0.11 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.63 -0.01 0.00 | 19.52 -0.06 0.00 | 19.78 -0.23 0.00 | 21.98 -0.32 0.00 | 21.40 -0.37 0.00 | 18.67 -0.35 0.00 | 17.41 -0.52 0.00 | -54.53 -0.69 71.72 | 17.07 -0.72 0.00 | 16.64 -0.82 0.00 | 15.79 -0.82 0.00 | 17.48 -0.92 0.00 | 18.36 -1.00 0.00 | 18.90 -0.90 0.00 | 22.13 -0.69 0.00 | 20.56 -0.45 0.00 | 18.72 -0.34 0.00 |
| PINELAWN_CC_1 323563 | 21.76 1.54 -1.10 | 18.86 1.23 -1.02 | 17.27 1.10 -0.44 | 17.12 1.02 -0.76 | 17.19 1.08 -0.33 | 17.75 1.12 -0.24 | 21.35 1.30 -1.57 | 22.07 1.42 0.00 | 74.00 1.23 -53.20 | 40.06 1.57 -18.48 | 36.33 1.86 -12.16 | 63.37 1.63 -39.97 | 20.53 1.51 0.00 | 22.01 1.53 -2.55 | 26.97 1.63 -7.47 | 29.58 1.73 -10.07 | 20.98 1.76 -1.76 | 19.52 1.79 -1.13 | 20.21 1.82 0.00 | 21.05 1.69 0.00 | 21.67 1.88 0.00 | 24.69 1.87 0.00 | 22.67 1.66 0.00 | 20.39 1.34 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 20.30 1.04 -0.14 | 18.48 0.86 -1.02 | 16.96 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.65 1.00 0.00 | 20.60 1.03 0.00 | 21.17 1.17 0.00 | 23.73 1.42 0.00 | 22.23 1.36 0.90 | 20.21 1.20 0.00 | 19.11 1.18 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.86 1.40 0.00 | 18.02 1.41 0.00 | 19.83 1.45 0.00 | 20.81 1.45 0.00 | 21.30 1.51 0.00 | 24.38 1.55 0.00 | 22.38 1.37 0.00 | 20.12 1.06 0.00 |
| PJM_GEN_KEystone 24065 | 19.26 0.06 -0.08 | 17.22 0.05 -0.58 | 11.88 0.03 3.89 | 12.31 0.05 3.06 | 11.78 0.05 4.05 | 14.29 0.04 2.13 | 19.42 0.06 -0.89 | 20.81 0.17 0.00 | 19.79 0.22 0.00 | 20.38 0.37 0.00 | 22.85 0.54 0.00 | 21.36 0.49 0.90 | 19.50 0.49 0.00 | 18.40 0.47 0.00 | 18.38 0.50 0.00 | 18.32 0.54 0.00 | 18.01 0.55 0.00 | 17.15 0.54 0.00 | 19.00 0.61 0.00 | 20.01 0.65 0.00 | 20.40 0.61 0.00 | 23.35 0.53 0.00 | 21.60 0.59 0.00 | 19.41 0.35 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 21.48 1.25 -1.10 | 18.63 1.01 -1.02 | 17.07 0.89 -0.44 | 16.93 0.83 -0.76 | 16.99 0.88 -0.33 | 17.53 0.90 -0.24 | 21.08 1.03 -1.57 | 21.77 1.13 0.00 | 73.69 1.00 -53.12 | 39.90 1.41 -18.48 | 36.15 1.68 -12.16 | 62.28 1.45 -39.06 | 20.30 1.29 0.00 | 21.78 1.30 -2.55 | 26.72 1.37 -7.47 | 29.31 1.45 -10.07 | 20.73 1.51 -1.76 | 19.27 1.54 -1.13 | 19.94 1.55 0.00 | 20.80 1.43 0.00 | 21.39 1.60 0.00 | 24.39 1.57 0.00 | 22.40 1.39 0.00 | 20.16 1.11 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 20.26 0.99 -0.14 | 18.44 0.81 -1.02 | 16.92 0.75 -0.44 | 16.78 0.68 -0.76 | 16.81 0.70 -0.33 | 17.33 0.70 -0.24 | 20.79 0.74 -1.57 | 21.53 0.89 0.00 | 20.50 0.92 0.00 | 21.04 1.03 0.00 | 23.58 1.28 0.00 | 22.10 1.23 0.90 | 20.11 1.09 0.00 | 19.02 1.09 0.00 | 19.03 1.15 0.00 | 19.04 1.26 0.00 | 18.77 1.31 0.00 | 17.92 1.31 0.00 | 19.74 1.35 0.00 | 20.71 1.35 0.00 | 21.19 1.39 0.00 | 24.27 1.45 0.00 | 22.29 1.28 0.00 | 20.04 0.99 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 19.97 0.85 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.34 0.87 0.00 | 21.66 1.02 0.00 | 20.38 0.80 0.00 | 20.44 0.43 0.00 | 22.81 0.50 0.00 | 22.26 0.49 0.00 | 19.37 0.36 0.00 | 18.19 0.25 0.00 | 12.26 0.23 5.85 | 17.90 0.12 0.00 | 17.33 -0.13 0.00 | 16.61 0.00 0.00 | 18.32 -0.07 0.00 | 19.31 -0.06 0.00 | 19.74 -0.06 0.00 | 22.78 -0.04 0.00 | 21.00 -0.01 0.00 | 19.21 0.16 0.00 |
| PLEASANTVLY___LBMP 24000 | 20.07 0.80 -0.15 | 18.36 0.66 -1.11 | 16.81 0.60 -0.48 | 16.72 0.57 -0.82 | 16.72 0.58 -0.35 | 17.23 0.58 -0.26 | 20.83 0.66 -1.70 | 21.40 0.76 0.00 | 20.33 0.75 0.00 | 20.84 0.84 0.00 | 23.33 1.02 0.00 | 22.78 1.01 0.00 | 19.91 0.89 0.00 | 18.83 0.90 0.00 | 18.83 0.95 0.00 | 18.80 1.02 0.00 | 18.55 1.10 0.00 | 17.73 1.12 0.00 | 19.54 1.15 0.00 | 20.57 1.17 -0.04 | 20.98 1.19 0.00 | 24.01 1.19 0.00 | 22.01 1.00 0.00 | 19.85 0.79 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 20.21 0.94 -0.14 | 18.41 0.78 -1.03 | 16.89 0.71 -0.44 | 16.77 0.67 -0.77 | 16.79 0.68 -0.33 | 17.32 0.69 -0.24 | 20.83 0.77 -1.59 | 21.56 0.91 0.00 | 20.49 0.91 0.00 | 21.04 1.03 0.00 | 23.56 1.25 0.00 | 23.01 1.23 0.00 | 20.10 1.09 0.00 | 19.01 1.07 0.00 | 19.01 1.13 0.00 | 19.01 1.22 0.00 | 18.75 1.29 0.00 | 17.92 1.31 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.24 1.42 0.00 | 22.24 1.23 0.00 | 20.02 0.96 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 20.21 0.94 -0.14 | 18.41 0.78 -1.03 | 16.89 0.71 -0.44 | 16.77 0.67 -0.77 | 16.79 0.68 -0.33 | 17.32 0.69 -0.24 | 20.83 0.77 -1.59 | 21.56 0.91 0.00 | 20.49 0.91 0.00 | 21.04 1.03 0.00 | 23.56 1.25 0.00 | 23.01 1.23 0.00 | 20.10 1.09 0.00 | 19.01 1.07 0.00 | 19.01 1.13 0.00 | 19.01 1.22 0.00 | 18.75 1.29 0.00 | 17.92 1.31 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.20 1.40 0.00 | 24.24 1.42 0.00 | 22.24 1.23 0.00 | 20.02 0.96 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 20.20 0.91 -0.17 | 18.60 0.74 -1.26 | 16.95 0.67 -0.54 | 16.90 0.63 -0.93 | 16.83 0.65 -0.40 | 17.35 0.67 -0.30 | 21.19 0.78 -1.94 | 21.56 0.91 0.00 | 20.46 0.89 0.00 | 20.99 0.98 0.00 | 23.49 1.18 0.00 | 22.96 1.19 0.00 | 20.08 1.06 0.00 | 18.96 1.03 0.00 | 18.98 1.10 0.00 | 18.98 1.19 0.00 | 18.73 1.27 0.00 | 17.92 1.31 0.00 | 19.76 1.37 0.00 | 20.78 1.39 -0.04 | 21.21 1.41 0.00 | 24.25 1.43 0.00 | 22.23 1.22 0.00 | 20.01 0.95 0.00 |
| POLETTI_____ 23519 | 20.29 1.02 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.85 0.80 -1.57 | 21.61 0.96 0.00 | 20.57 1.00 0.00 | 21.14 1.13 0.00 | 23.68 1.37 0.00 | 23.09 1.32 0.00 | 20.18 1.17 0.00 | 19.08 1.14 0.00 | 19.08 1.21 0.00 | 19.10 1.32 0.00 | 18.82 1.36 0.00 | 17.98 1.37 0.00 | 19.79 1.40 0.00 | 20.77 1.41 0.00 | 21.27 1.48 0.00 | 24.34 1.52 0.00 | 22.35 1.34 0.00 | 20.10 1.04 0.00 |
| POMONA___ESR 323819 | 20.09 0.84 -0.13 | 18.24 0.68 -0.96 | 16.78 0.63 -0.41 | 16.64 0.59 -0.71 | 16.69 0.60 -0.31 | 17.20 0.59 -0.23 | 20.61 0.66 -1.48 | 21.45 0.80 0.00 | 20.39 0.82 0.00 | 20.94 0.93 0.00 | 23.47 1.16 0.00 | 22.92 1.15 0.00 | 20.04 1.02 0.00 | 18.95 1.02 0.00 | 18.97 1.09 0.00 | 18.96 1.17 0.00 | 18.70 1.25 0.00 | 17.86 1.25 0.00 | 19.69 1.30 0.00 | 20.66 1.30 0.00 | 21.12 1.32 0.00 | 24.15 1.33 0.00 | 22.16 1.15 0.00 | 19.94 0.88 0.00 |
| PORT_JEFF_3 23555 | 21.85 1.62 -1.10 | 18.91 1.29 -1.02 | 17.31 1.13 -0.44 | 17.15 1.06 -0.76 | 17.24 1.13 -0.33 | 17.80 1.18 -0.24 | 21.40 1.35 -1.57 | 22.08 1.43 0.00 | 74.08 1.15 -53.35 | 39.87 1.38 -18.48 | 36.19 1.73 -12.16 | 63.23 1.50 -39.97 | 20.42 1.40 0.00 | 21.88 1.40 -2.55 | 26.84 1.49 -7.47 | 29.45 1.59 -10.07 | 20.85 1.63 -1.76 | 19.31 1.58 -1.13 | 19.97 1.58 0.00 | 20.77 1.41 0.00 | 21.53 1.73 0.00 | 24.50 1.68 0.00 | 22.50 1.50 0.00 | 20.29 1.23 0.00 |
| PORT_JEFF_4 23616 | 21.85 1.62 -1.10 | 18.91 1.29 -1.02 | 17.31 1.13 -0.44 | 17.15 1.06 -0.76 | 17.24 1.13 -0.33 | 17.80 1.18 -0.24 | 21.40 1.35 -1.57 | 22.08 1.43 0.00 | 74.08 1.15 -53.35 | 39.87 1.38 -18.48 | 36.19 1.73 -12.16 | 63.23 1.50 -39.97 | 20.42 1.40 0.00 | 21.88 1.40 -2.55 | 26.84 1.49 -7.47 | 29.45 1.59 -10.07 | 20.85 1.63 -1.76 | 19.31 1.58 -1.13 | 19.97 1.58 0.00 | 20.77 1.41 0.00 | 21.53 1.73 0.00 | 24.50 1.68 0.00 | 22.50 1.50 0.00 | 20.29 1.23 0.00 |

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|------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC 23713 | 21.87 1.65 -1.10 | 18.93 1.31 -1.02 | 17.33 1.15 -0.44 | 17.17 1.08 -0.76 | 17.26 1.15 -0.33 | 17.82 1.20 -0.24 | 21.42 1.38 -1.57 | 22.10 1.46 0.00 | 74.12 1.19 -53.36 | 39.93 1.44 -18.48 | 36.24 1.77 -12.16 | 63.28 1.54 -39.97 | 20.47 1.45 0.00 | 21.94 1.46 -2.55 | 26.91 1.56 -7.47 | 29.51 1.66 -10.07 | 20.93 1.71 -1.76 | 19.33 1.60 -1.13 | 19.98 1.59 0.00 | 20.78 1.42 0.00 | 21.60 1.80 0.00 | 24.56 1.74 0.00 | 22.55 1.54 0.00 | 20.31 1.26 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 21.93 1.71 -1.10 | 18.99 1.37 -1.02 | 17.39 1.21 -0.44 | 17.23 1.13 -0.76 | 17.32 1.21 -0.33 | 17.88 1.26 -0.24 | 21.50 1.46 -1.57 | 22.22 1.58 0.00 | 74.29 1.33 -53.39 | 40.13 1.64 -18.48 | 36.43 1.96 -12.16 | 63.45 1.71 -39.97 | 20.63 1.62 0.00 | 22.15 1.67 -2.55 | 27.12 1.77 -7.47 | 29.71 1.85 -10.07 | 21.10 1.88 -1.76 | 19.63 1.90 -1.13 | 20.34 1.95 0.00 | 21.13 1.77 0.00 | 21.80 2.00 0.00 | 24.81 1.98 0.00 | 22.76 1.75 0.00 | 20.47 1.42 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 21.93 1.71 -1.10 | 18.99 1.37 -1.02 | 17.39 1.21 -0.44 | 17.23 1.13 -0.76 | 17.32 1.21 -0.33 | 17.88 1.26 -0.24 | 21.50 1.46 -1.57 | 22.22 1.58 0.00 | 74.29 1.33 -53.39 | 40.13 1.64 -18.48 | 36.43 1.96 -12.16 | 63.45 1.71 -39.97 | 20.63 1.62 0.00 | 22.15 1.67 -2.55 | 27.12 1.77 -7.47 | 29.71 1.85 -10.07 | 21.10 1.88 -1.76 | 19.63 1.90 -1.13 | 20.34 1.95 0.00 | 21.13 1.77 0.00 | 21.80 2.00 0.00 | 24.81 1.98 0.00 | 22.76 1.75 0.00 | 20.47 1.42 0.00 |
| PPL_SHRM_GT3 24213 | 21.80 1.58 -1.10 | 18.86 1.24 -1.02 | 17.26 1.08 -0.44 | 17.11 1.02 -0.76 | 17.20 1.09 -0.33 | 17.76 1.14 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.02 1.09 -53.35 | 39.86 1.36 -18.48 | 36.11 1.64 -12.16 | 63.14 1.41 -39.97 | 20.35 1.33 0.00 | 21.86 1.39 -2.55 | 26.86 1.51 -7.47 | 29.48 1.62 -10.07 | 20.90 1.68 -1.76 | 19.43 1.69 -1.13 | 20.09 1.70 0.00 | 20.87 1.51 0.00 | 21.52 1.73 0.00 | 24.48 1.65 0.00 | 22.43 1.42 0.00 | 20.15 1.10 0.00 |
| PPL_SHRM_GT4 24214 | 21.80 1.58 -1.10 | 18.86 1.24 -1.02 | 17.26 1.08 -0.44 | 17.11 1.02 -0.76 | 17.20 1.09 -0.33 | 17.76 1.14 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.02 1.09 -53.35 | 39.86 1.36 -18.48 | 36.11 1.64 -12.16 | 63.14 1.41 -39.97 | 20.35 1.33 0.00 | 21.86 1.39 -2.55 | 26.86 1.51 -7.47 | 29.48 1.62 -10.07 | 20.90 1.68 -1.76 | 19.43 1.69 -1.13 | 20.09 1.70 0.00 | 20.87 1.51 0.00 | 21.52 1.73 0.00 | 24.48 1.65 0.00 | 22.43 1.42 0.00 | 20.15 1.10 0.00 |
| PROJECT___ORANGE 1 24174 | 19.00 -0.13 0.00 | 16.48 -0.12 0.00 | 15.61 -0.12 0.00 | 15.22 -0.12 0.00 | 15.66 -0.12 0.00 | 16.27 -0.11 0.00 | 18.34 -0.13 0.00 | 20.51 -0.13 0.00 | 19.48 -0.09 0.00 | 19.96 -0.05 0.00 | 22.25 -0.06 0.00 | 21.67 -0.10 0.00 | 18.93 -0.09 0.00 | 17.86 -0.08 0.00 | 15.77 -0.08 2.03 | 17.70 -0.09 0.00 | 17.40 -0.06 0.00 | 16.57 -0.04 0.00 | 18.41 0.02 0.00 | 19.43 0.07 0.00 | 19.83 0.03 0.00 | 22.75 -0.07 0.00 | 20.97 -0.03 0.00 | 19.04 -0.01 0.00 |
| PROJECT___ORANGE 2 24166 | 19.00 -0.13 0.00 | 16.48 -0.12 0.00 | 15.61 -0.12 0.00 | 15.22 -0.12 0.00 | 15.66 -0.12 0.00 | 16.27 -0.11 0.00 | 18.34 -0.13 0.00 | 20.51 -0.13 0.00 | 19.48 -0.09 0.00 | 19.96 -0.05 0.00 | 22.25 -0.06 0.00 | 21.67 -0.10 0.00 | 18.93 -0.09 0.00 | 17.86 -0.08 0.00 | 15.77 -0.08 2.03 | 17.70 -0.09 0.00 | 17.40 -0.06 0.00 | 16.57 -0.04 0.00 | 18.41 0.02 0.00 | 19.43 0.07 0.00 | 19.83 0.03 0.00 | 22.75 -0.07 0.00 | 20.97 -0.03 0.00 | 19.04 -0.01 0.00 |
| PUCKETT___SOLAR 323809 | 19.44 0.32 0.00 | 16.85 0.25 0.00 | 15.96 0.22 0.00 | 15.57 0.24 0.00 | 16.04 0.25 0.00 | 16.67 0.28 0.00 | 18.84 0.37 0.00 | 21.15 0.50 0.00 | 20.08 0.50 0.00 | 20.58 0.57 0.00 | 22.92 0.62 0.00 | 22.28 0.51 0.00 | 19.51 0.49 0.00 | 18.31 0.38 0.00 | 18.27 0.40 0.00 | 18.20 0.41 0.00 | 17.89 0.43 0.00 | 17.08 0.47 0.00 | 18.99 0.60 0.00 | 20.09 0.73 0.00 | 20.55 0.75 0.00 | 23.56 0.73 0.00 | 21.70 0.69 0.00 | 19.56 0.51 0.00 |
| PYRITES___HYD 24023 | 19.19 0.07 0.00 | 16.81 0.21 0.00 | 16.05 0.31 0.00 | 15.66 0.33 0.00 | 16.11 0.33 0.00 | 16.55 0.16 0.00 | 18.75 0.28 0.00 | 20.96 0.32 0.00 | 19.82 0.25 0.00 | 20.06 0.05 0.00 | 22.28 -0.03 0.00 | 21.73 -0.04 0.00 | 18.92 -0.10 0.00 | 17.70 -0.24 0.00 | -58.56 -0.46 75.98 | 17.29 -0.49 0.00 | 16.86 -0.59 0.00 | 16.03 -0.58 0.00 | 17.73 -0.66 0.00 | 18.66 -0.70 0.00 | 19.28 -0.51 0.00 | 22.61 -0.22 0.00 | 20.94 -0.07 0.00 | 19.01 -0.05 0.00 |
| QUAKERRD_115KV_BK1 80622 | 18.46 -0.66 0.00 | 16.03 -0.57 0.00 | 15.19 -0.55 0.00 | 14.82 -0.52 0.00 | 15.24 -0.54 0.00 | 15.86 -0.52 0.00 | 17.91 -0.56 0.00 | 20.08 -0.57 0.00 | 19.05 -0.52 0.00 | 19.57 -0.44 0.00 | 21.86 -0.45 0.00 | 21.37 -0.39 0.00 | 18.72 -0.30 0.00 | 17.59 -0.35 0.00 | 17.50 -0.37 0.00 | 17.36 -0.43 0.00 | 17.05 -0.41 0.00 | 16.14 -0.47 0.00 | 18.07 -0.32 0.00 | 19.19 -0.17 0.00 | 19.53 -0.26 0.00 | 22.43 -0.40 0.00 | 20.76 -0.25 0.00 | 18.77 -0.28 0.00 |
| QUENSBRY_115KV_TB8 356137 | 22.00 1.34 -1.55 | 28.94 1.17 -11.17 | 21.64 1.11 -4.80 | 24.71 1.10 -8.27 | 20.51 1.16 -3.57 | 20.22 1.22 -2.61 | 37.05 1.41 -17.17 | 22.16 1.52 0.00 | 20.96 1.38 0.00 | 21.36 1.35 0.00 | 23.68 1.37 0.00 | 23.18 1.41 0.00 | 19.98 0.96 0.00 | 18.75 0.81 0.00 | 18.54 0.67 0.00 | 18.39 0.61 0.00 | 18.20 0.74 0.00 | 17.45 0.84 0.00 | 19.56 1.17 0.00 | 21.11 1.32 -0.43 | 21.17 1.37 0.00 | 24.25 1.42 0.00 | 22.17 1.17 0.00 | 20.00 0.94 0.00 |
| RAMAPO___LBMP 323565 | 20.01 0.76 -0.13 | 18.17 0.62 -0.96 | 16.71 0.56 -0.41 | 16.57 0.53 -0.71 | 16.62 0.53 -0.31 | 17.14 0.53 -0.22 | 20.53 0.58 -1.47 | 21.36 0.72 0.00 | 20.30 0.73 0.00 | 20.84 0.83 0.00 | 23.35 1.04 0.00 | 22.81 1.04 0.00 | 19.94 0.92 0.00 | 18.86 0.92 0.00 | 18.87 0.99 0.00 | 18.86 1.08 0.00 | 18.60 1.14 0.00 | 17.76 1.15 0.00 | 19.58 1.19 0.00 | 20.55 1.20 0.00 | 21.01 1.21 0.00 | 24.03 1.20 0.00 | 22.05 1.05 0.00 | 19.85 0.80 0.00 |
| RANKINE___ 23646 | 18.71 -0.41 0.00 | 16.26 -0.34 0.00 | 15.41 -0.33 0.00 | 15.06 -0.27 0.00 | 15.49 -0.29 0.00 | 16.14 -0.25 0.00 | 18.24 -0.23 0.00 | 20.51 -0.13 0.00 | 19.51 -0.06 0.00 | 20.15 0.14 0.00 | 22.62 0.31 0.00 | 22.07 0.30 0.00 | 19.38 0.36 0.00 | 18.18 0.25 0.00 | 18.09 0.21 0.00 | 17.90 0.11 0.00 | 17.55 0.09 0.00 | 16.56 -0.05 0.00 | 18.56 0.17 0.00 | 19.76 0.40 0.00 | 20.07 0.27 0.00 | 23.05 0.22 0.00 | 21.53 0.52 0.00 | 19.32 0.27 0.00 |
| RAVENSWOOD_GT2_1 24244 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.69 1.38 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.08 1.20 0.00 | 19.09 1.30 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT2_2 24245 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.69 1.38 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.08 1.20 0.00 | 19.09 1.30 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_3 24246 | 20.32 1.06 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.84 0.74 -0.76 | 16.86 0.75 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.64 1.00 0.00 | 20.59 1.02 0.00 | 21.16 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.19 1.17 0.00 | 19.08 1.14 0.00 | 19.08 1.21 0.00 | 19.10 1.31 0.00 | 18.83 1.37 0.00 | 17.98 1.38 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.30 1.50 0.00 | 24.38 1.55 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| RAVENSWOOD_GT2_4 24247 | 20.32 1.06 -0.14 | 18.49 0.87 -1.02 | 16.97 0.80 -0.44 | 16.84 0.74 -0.76 | 16.86 0.75 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.64 1.00 0.00 | 20.59 1.02 0.00 | 21.16 1.15 0.00 | 23.71 1.40 0.00 | 23.12 1.35 0.00 | 20.19 1.17 0.00 | 19.08 1.14 0.00 | 19.08 1.21 0.00 | 19.10 1.31 0.00 | 18.83 1.37 0.00 | 17.98 1.38 0.00 | 19.80 1.41 0.00 | 20.79 1.43 0.00 | 21.30 1.50 0.00 | 24.38 1.55 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| RAVENSWOOD_GT3_1 24248 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.59 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.09 1.31 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT3_2 24249 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.59 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.09 1.31 0.00 | 18.82 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT3_3 24250 | 20.34 1.08 -0.14 | 18.51 0.88 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.62 1.04 0.00 | 21.18 1.17 0.00 | 23.73 1.42 0.00 | 23.15 1.38 0.00 | 20.21 1.20 0.00 | 19.10 1.17 0.00 | 19.11 1.23 0.00 | 19.12 1.34 0.00 | 18.85 1.39 0.00 | 18.01 1.40 0.00 | 19.81 1.43 0.00 | 20.81 1.45 0.00 | 21.32 1.53 0.00 | 24.40 1.58 0.00 | 22.40 1.39 0.00 | 20.14 1.09 0.00 |
| RAVENSWOOD_GT3_4 24251 | 20.34 1.08 -0.14 | 18.51 0.88 -1.02 | 16.99 0.82 -0.44 | 16.85 0.76 -0.76 | 16.88 0.77 -0.33 | 17.40 0.77 -0.24 | 20.89 0.84 -1.57 | 21.66 1.02 0.00 | 20.62 1.04 0.00 | 21.18 1.17 0.00 | 23.73 1.42 0.00 | 23.15 1.38 0.00 | 20.21 1.20 0.00 | 19.10 1.17 0.00 | 19.11 1.23 0.00 | 19.12 1.34 0.00 | 18.85 1.39 0.00 | 18.01 1.40 0.00 | 19.81 1.43 0.00 | 20.81 1.45 0.00 | 21.32 1.53 0.00 | 24.40 1.58 0.00 | 22.40 1.39 0.00 | 20.14 1.09 0.00 |
| RAVENSWOOD_GT_1 23729 | 20.35 1.09 -0.14 | 18.52 0.89 -1.02 | 17.01 0.83 -0.44 | 16.87 0.77 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.91 0.86 -1.57 | 21.68 1.04 0.00 | 20.64 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.13 1.20 0.00 | 19.15 1.27 0.00 | 19.17 1.38 0.00 | 18.90 1.45 0.00 | 18.05 1.44 0.00 | 19.84 1.45 0.00 | 20.83 1.47 0.00 | 21.33 1.54 0.00 | 24.42 1.60 0.00 | 22.42 1.41 0.00 | 20.15 1.10 0.00 |
| RAVENSWOOD_GT_10 24258 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.07 1.20 0.00 | 19.09 1.30 0.00 | 18.81 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT_11 24259 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.07 1.20 0.00 | 19.09 1.30 0.00 | 18.81 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT_4 24252 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.07 1.19 0.00 | 19.08 1.30 0.00 | 18.81 1.35 0.00 | 17.97 1.36 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.12 1.06 0.00 |
| RAVENSWOOD_GT_5 24254 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.07 1.19 0.00 | 19.08 1.30 0.00 | 18.81 1.35 0.00 | 17.97 1.36 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.12 1.06 0.00 |
| RAVENSWOOD_GT_6 24253 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.07 1.19 0.00 | 19.08 1.30 0.00 | 18.81 1.35 0.00 | 17.97 1.36 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.12 1.06 0.00 |
| RAVENSWOOD_GT_7 24255 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.73 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.06 1.13 0.00 | 19.07 1.19 0.00 | 19.08 1.30 0.00 | 18.81 1.35 0.00 | 17.97 1.36 0.00 | 19.78 1.39 0.00 | 20.77 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.12 1.06 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.07 1.20 0.00 | 19.09 1.30 0.00 | 18.81 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD_GT_9 24257 | 20.31 1.04 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.76 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.58 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.10 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.13 0.00 | 19.07 1.20 0.00 | 19.09 1.30 0.00 | 18.81 1.36 0.00 | 17.97 1.37 0.00 | 19.78 1.39 0.00 | 20.78 1.41 0.00 | 21.29 1.49 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |

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|----------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.98 0.81 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.65 1.01 0.00 | 20.61 1.03 0.00 | 21.16 1.16 0.00 | 23.71 1.41 0.00 | 23.13 1.36 0.00 | 20.21 1.19 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.81 1.42 0.00 | 20.80 1.44 0.00 | 21.30 1.50 0.00 | 24.38 1.56 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| RAVENSWOOD___2 23534 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.98 0.81 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.65 1.01 0.00 | 20.61 1.03 0.00 | 21.16 1.16 0.00 | 23.71 1.41 0.00 | 23.13 1.36 0.00 | 20.21 1.19 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.81 1.42 0.00 | 20.80 1.44 0.00 | 21.30 1.50 0.00 | 24.38 1.56 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| RAVENSWOOD___3 23535 | 20.31 1.05 -0.14 | 18.48 0.86 -1.02 | 16.97 0.79 -0.44 | 16.83 0.74 -0.76 | 16.86 0.75 -0.33 | 17.38 0.75 -0.24 | 20.86 0.82 -1.57 | 21.63 0.98 0.00 | 20.59 1.01 0.00 | 21.15 1.14 0.00 | 23.70 1.39 0.00 | 23.11 1.33 0.00 | 20.18 1.16 0.00 | 19.07 1.14 0.00 | 19.08 1.20 0.00 | 19.09 1.31 0.00 | 18.82 1.36 0.00 | 17.97 1.36 0.00 | 19.79 1.40 0.00 | 20.78 1.42 0.00 | 21.29 1.50 0.00 | 24.37 1.54 0.00 | 22.37 1.36 0.00 | 20.11 1.06 0.00 |
| RAVENSWOOD___4 23820 | 20.32 1.06 -0.14 | 18.50 0.88 -1.02 | 16.98 0.81 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.76 -0.24 | 20.87 0.83 -1.57 | 21.65 1.01 0.00 | 20.61 1.03 0.00 | 21.16 1.16 0.00 | 23.71 1.41 0.00 | 23.13 1.36 0.00 | 20.21 1.19 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.81 1.42 0.00 | 20.80 1.44 0.00 | 21.30 1.50 0.00 | 24.38 1.56 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| RCPL_TRUST___DRP 24196 | 20.32 1.06 -0.14 | 18.50 0.87 -1.02 | 16.98 0.80 -0.44 | 16.84 0.75 -0.76 | 16.87 0.76 -0.33 | 17.40 0.78 -0.24 | 20.89 0.85 -1.57 | 21.67 1.02 0.00 | 20.63 1.06 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.17 1.40 0.00 | 20.24 1.23 0.00 | 19.13 1.20 0.00 | 19.14 1.26 0.00 | 19.16 1.38 0.00 | 18.89 1.43 0.00 | 18.04 1.43 0.00 | 19.86 1.47 0.00 | 20.84 1.48 0.00 | 21.32 1.53 0.00 | 24.40 1.58 0.00 | 22.40 1.39 0.00 | 20.13 1.08 0.00 |
| RED___ROCHESTER 323720 | 18.86 -0.26 0.00 | 16.41 -0.19 0.00 | 15.53 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.24 -0.14 0.00 | 18.33 -0.14 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.13 0.00 | 21.91 0.14 0.00 | 19.21 0.20 0.00 | 18.07 0.14 0.00 | 17.98 0.11 0.00 | 17.83 0.05 0.00 | 17.50 0.04 0.00 | 16.56 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| REGAN___SOLAR 323812 | 22.08 1.32 -1.64 | 29.30 0.85 -11.85 | 21.88 1.05 -5.09 | 25.19 1.08 -8.77 | 20.67 1.11 -3.78 | 20.43 1.27 -2.77 | 38.21 1.53 -18.21 | 22.27 1.63 0.00 | 19.72 0.15 0.00 | 20.67 0.66 0.00 | 23.16 0.85 0.00 | 22.68 0.91 0.00 | 19.62 0.60 0.00 | 18.37 0.43 0.00 | 18.48 0.60 0.00 | 18.85 1.06 0.00 | 17.99 0.53 0.00 | 18.19 1.58 0.00 | 20.22 1.83 0.00 | 21.57 2.00 -0.21 | 21.95 2.16 0.00 | 25.19 2.37 0.00 | 23.05 2.04 0.00 | 20.38 1.33 0.00 |
| RENSSELAER___COGEN 23796 | 20.66 0.62 -0.92 | 23.80 0.58 -6.62 | 19.16 0.58 -2.84 | 20.79 0.55 -4.90 | 18.46 0.57 -2.11 | 18.50 0.57 -1.55 | 29.18 0.53 -10.18 | 20.96 0.32 0.00 | 19.84 0.26 0.00 | 20.29 0.29 0.00 | 22.62 0.32 0.00 | 22.17 0.40 0.00 | 19.39 0.37 0.00 | 18.32 0.39 0.00 | 18.29 0.41 0.00 | 18.15 0.37 0.00 | 17.90 0.44 0.00 | 17.09 0.48 0.00 | 18.92 0.53 0.00 | 18.51 0.57 1.42 | 20.32 0.52 0.00 | 23.25 0.42 0.00 | 21.31 0.31 0.00 | 19.34 0.29 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 22.75 2.09 -1.54 | 29.59 1.86 -11.13 | 22.29 1.77 -4.78 | 25.34 1.76 -8.24 | 21.17 1.84 -3.55 | 20.92 1.94 -2.60 | 37.85 2.26 -17.11 | 22.92 2.28 0.00 | 21.62 2.05 0.00 | 21.99 1.99 0.00 | 24.37 2.06 0.00 | 23.87 2.10 0.00 | 20.70 1.68 0.00 | 19.41 1.48 0.00 | 19.24 1.36 0.00 | 19.11 1.32 0.00 | 18.87 1.41 0.00 | 18.16 1.56 0.00 | 20.36 1.97 0.00 | 22.13 2.33 -0.44 | 22.21 2.42 0.00 | 25.45 2.62 0.00 | 23.18 2.17 0.00 | 20.86 1.80 0.00 |
| REVERE_CPPR_DRP 24186 | 19.77 0.65 0.00 | 17.14 0.55 0.00 | 16.24 0.51 0.00 | 15.84 0.50 0.00 | 16.31 0.53 0.00 | 16.97 0.58 0.00 | 19.20 0.73 0.00 | 21.49 0.84 0.00 | 20.42 0.85 0.00 | 20.86 0.85 0.00 | 23.24 0.93 0.00 | 22.58 0.81 0.00 | 19.72 0.70 0.00 | 18.61 0.68 0.00 | 12.34 0.64 6.18 | 18.42 0.63 0.00 | 18.05 0.59 0.00 | 17.21 0.60 0.00 | 19.09 0.70 0.00 | 20.23 0.87 0.00 | 20.75 0.95 0.00 | 23.87 1.05 0.00 | 21.89 0.88 0.00 | 19.76 0.71 0.00 |
| REYNOLDS_115KV_TB3 80639 | 20.93 0.77 -1.04 | 24.90 0.76 -7.55 | 19.71 0.74 -3.24 | 21.64 0.71 -5.59 | 18.92 0.73 -2.41 | 18.87 0.72 -1.76 | 30.76 0.69 -11.60 | 21.19 0.55 0.00 | 20.04 0.46 0.00 | 20.50 0.49 0.00 | 22.90 0.59 0.00 | 22.42 0.65 0.00 | 19.58 0.57 0.00 | 18.53 0.59 0.00 | 18.47 0.60 0.00 | 18.27 0.49 0.00 | 18.05 0.59 0.00 | 17.26 0.65 0.00 | 19.12 0.73 0.00 | 21.38 0.78 -1.23 | 20.49 0.69 0.00 | 23.43 0.60 0.00 | 21.48 0.47 0.00 | 19.49 0.44 0.00 |
| RIVERBAY___ 323610 | 20.33 1.06 -0.14 | 18.48 0.86 -1.02 | 16.96 0.78 -0.44 | 16.82 0.73 -0.76 | 16.85 0.74 -0.33 | 17.38 0.75 -0.24 | 20.86 0.82 -1.57 | 21.60 0.96 0.00 | 20.54 0.97 0.00 | 21.07 1.06 0.00 | 23.61 1.31 0.00 | 23.05 1.28 0.00 | 20.12 1.11 0.00 | 19.02 1.09 0.00 | 19.06 1.18 0.00 | 19.09 1.30 0.00 | 18.82 1.37 0.00 | 17.95 1.34 0.00 | 19.73 1.34 0.00 | 20.71 1.35 0.00 | 21.21 1.42 0.00 | 24.30 1.48 0.00 | 22.30 1.29 0.00 | 20.06 1.00 0.00 |
| RIVERSDE_115KV_TB3 55908 | 20.84 0.69 -1.03 | 24.67 0.67 -7.41 | 19.56 0.64 -3.18 | 21.44 0.61 -5.49 | 18.78 0.63 -2.37 | 18.76 0.64 -1.73 | 30.47 0.60 -11.39 | 21.05 0.41 0.00 | 19.92 0.35 0.00 | 20.39 0.38 0.00 | 22.74 0.43 0.00 | 22.28 0.51 0.00 | 19.48 0.46 0.00 | 18.41 0.47 0.00 | 18.37 0.49 0.00 | 18.22 0.43 0.00 | 17.97 0.51 0.00 | 17.17 0.56 0.00 | 19.00 0.62 0.00 | 20.20 0.66 -0.18 | 20.40 0.60 0.00 | 23.33 0.51 0.00 | 21.39 0.38 0.00 | 19.40 0.35 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 18.98 -0.14 0.00 | 16.49 -0.10 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.71 -0.08 0.00 | 16.30 -0.09 0.00 | 18.39 -0.09 0.00 | 20.56 -0.09 0.00 | 19.48 -0.09 0.00 | 19.83 -0.18 0.00 | 22.10 -0.21 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.75 -0.19 0.00 | 21.17 -0.22 -3.51 | 17.54 -0.24 0.00 | 17.17 -0.29 0.00 | 16.32 -0.30 0.00 | 18.05 -0.34 0.00 | 18.95 -0.41 0.00 | 19.42 -0.37 0.00 | 22.49 -0.34 0.00 | 20.68 -0.33 0.00 | 18.72 -0.33 0.00 |
| ROCHESRG_115KV_T4 355643 | 18.70 -0.42 0.00 | 16.26 -0.34 0.00 | 15.40 -0.34 0.00 | 15.03 -0.31 0.00 | 15.46 -0.32 0.00 | 16.09 -0.29 0.00 | 18.17 -0.30 0.00 | 20.36 -0.28 0.00 | 19.34 -0.24 0.00 | 19.88 -0.13 0.00 | 22.23 -0.08 0.00 | 21.71 -0.07 0.00 | 19.03 0.02 0.00 | 17.89 -0.04 0.00 | 17.80 -0.07 0.00 | 17.65 -0.14 0.00 | 17.32 -0.14 0.00 | 16.38 -0.23 0.00 | 18.34 -0.05 0.00 | 19.49 0.13 0.00 | 19.84 0.04 0.00 | 22.78 -0.04 0.00 | 21.15 0.13 0.00 | 19.09 0.04 0.00 |

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|--|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|
| ROCHESTER_9_IC 23652 | 18.79 -0.33 0.00 | 16.33 -0.26 0.00 | 15.47 -0.26 0.00 | 15.10 -0.24 0.00 | 15.53 -0.25 0.00 | 16.17 -0.21 0.00 | 18.26 -0.21 0.00 | 20.47 -0.17 0.00 | 19.44 -0.14 0.00 | 19.98 -0.03 0.00 | 22.35 0.04 0.00 | 21.82 0.04 0.00 | 19.14 0.12 0.00 | 17.99 0.06 0.00 | 17.91 0.03 0.00 | 17.75 -0.04 0.00 | 17.42 -0.04 0.00 | 16.48 -0.13 0.00 | 18.46 0.07 0.00 | 19.62 0.26 0.00 | 19.97 0.18 0.00 | 22.93 0.11 0.00 | 21.27 0.26 0.00 | 19.20 0.14 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 20.30 1.04 -0.14 | 18.47 0.85 -1.02 | 16.96 0.78 -0.44 | 16.82 0.73 -0.76 | 16.86 0.75 -0.33 | 17.39 0.76 -0.24 | 20.89 0.85 -1.57 | 21.66 1.02 0.00 | 20.59 1.02 0.00 | 21.16 1.15 0.00 | 23.71 1.40 0.00 | 23.14 1.37 0.00 | 20.22 1.21 0.00 | 19.12 1.19 0.00 | 19.13 1.25 0.00 | 19.13 1.35 0.00 | 18.87 1.42 0.00 | 18.03 1.42 0.00 | 19.85 1.46 0.00 | 20.83 1.47 0.00 | 21.31 1.52 0.00 | 24.38 1.56 0.00 | 22.37 1.36 0.00 | 20.12 1.07 0.00 |
| ROME____115KV_TB2 80656 | 19.77 0.65 0.00 | 17.14 0.55 0.00 | 16.24 0.51 0.00 | 15.84 0.50 0.00 | 16.31 0.53 0.00 | 16.97 0.58 0.00 | 19.20 0.73 0.00 | 21.49 0.84 0.00 | 20.42 0.85 0.00 | 20.86 0.85 0.00 | 23.24 0.93 0.00 | 22.58 0.81 0.00 | 19.72 0.70 0.00 | 18.61 0.68 0.00 | 12.34 0.64 6.18 | 18.42 0.63 0.00 | 18.05 0.59 0.00 | 17.21 0.60 0.00 | 19.09 0.70 0.00 | 20.23 0.87 0.00 | 20.75 0.95 0.00 | 23.87 1.05 0.00 | 21.89 0.88 0.00 | 19.76 0.71 0.00 |
| ROSETON____1 23587 | 20.02 0.76 -0.14 | 18.20 0.62 -0.98 | 16.72 0.57 -0.42 | 16.60 0.53 -0.73 | 16.64 0.55 -0.31 | 17.16 0.54 -0.23 | 20.60 0.61 -1.51 | 21.37 0.72 0.00 | 20.30 0.72 0.00 | 20.81 0.81 0.00 | 23.29 0.98 0.00 | 22.73 0.96 0.00 | 19.87 0.86 0.00 | 18.79 0.86 0.00 | 18.80 0.92 0.00 | 18.78 0.99 0.00 | 18.52 1.06 0.00 | 17.70 1.09 0.00 | 19.51 1.12 0.00 | 20.49 1.13 0.00 | 20.95 1.16 0.00 | 23.97 1.14 0.00 | 21.99 0.98 0.00 | 19.82 0.76 0.00 |
| ROSETON____2 23588 | 20.02 0.76 -0.14 | 18.20 0.62 -0.98 | 16.72 0.57 -0.42 | 16.60 0.53 -0.73 | 16.64 0.55 -0.31 | 17.16 0.54 -0.23 | 20.60 0.61 -1.51 | 21.37 0.72 0.00 | 20.30 0.72 0.00 | 20.81 0.81 0.00 | 23.29 0.98 0.00 | 22.73 0.96 0.00 | 19.87 0.86 0.00 | 18.79 0.86 0.00 | 18.80 0.92 0.00 | 18.78 0.99 0.00 | 18.52 1.06 0.00 | 17.70 1.09 0.00 | 19.51 1.12 0.00 | 20.49 1.13 0.00 | 20.95 1.16 0.00 | 23.97 1.14 0.00 | 21.99 0.98 0.00 | 19.82 0.76 0.00 |
| ROTTDAM_115KV_TB3 80664 | 21.32 0.56 -1.64 | 28.93 0.48 -11.85 | 21.27 0.44 -5.09 | 24.54 0.43 -8.77 | 20.00 0.44 -3.78 | 19.62 0.46 -2.77 | 37.22 0.54 -18.21 | 21.23 0.59 0.00 | 20.11 0.54 0.00 | 20.57 0.56 0.00 | 22.94 0.63 0.00 | 22.40 0.63 0.00 | 19.55 0.53 0.00 | 18.44 0.50 0.00 | 18.38 0.50 0.00 | 18.32 0.53 0.00 | 18.03 0.57 0.00 | 17.23 0.62 0.00 | 19.09 0.70 0.00 | 20.37 0.76 -0.25 | 20.57 0.78 0.00 | 23.59 0.76 0.00 | 21.65 0.64 0.00 | 19.59 0.54 0.00 |
| RUSSELL____1 23602 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| RUSSELL____2 23532 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| RUSSELL____3 23549 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| RUSSELL____4 23556 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| RUSSELL____STATION 23914 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| S SALMON____HYD 24043 | 19.10 -0.02 0.00 | 16.57 -0.03 0.00 | 15.70 -0.04 0.00 | 15.31 -0.03 0.00 | 15.76 -0.02 0.00 | 16.38 -0.01 0.00 | 18.48 0.01 0.00 | 20.66 0.02 0.00 | 19.60 0.03 0.00 | 20.05 0.04 0.00 | 22.29 -0.02 0.00 | 21.73 -0.04 0.00 | 18.95 -0.06 0.00 | 17.80 -0.13 0.00 | 10.00 -0.18 7.70 | 17.56 -0.22 0.00 | 17.18 -0.28 0.00 | 16.37 -0.24 0.00 | 18.22 -0.17 0.00 | 19.32 -0.05 0.00 | 19.86 0.06 0.00 | 22.83 0.00 0.00 | 21.02 0.01 0.00 | 19.06 0.01 0.00 |
| S.PERRY__115KV_TB1 80734 | 19.35 0.23 0.00 | 16.79 0.19 0.00 | 15.90 0.16 0.00 | 15.53 0.19 0.00 | 15.99 0.21 0.00 | 16.66 0.28 0.00 | 18.86 0.39 0.00 | 21.16 0.52 0.00 | 19.98 0.41 0.00 | 20.45 0.44 0.00 | 22.86 0.55 0.00 | 22.28 0.51 0.00 | 19.56 0.54 0.00 | 18.38 0.45 0.00 | 18.28 0.40 0.00 | 18.14 0.36 0.00 | 17.80 0.34 0.00 | 16.88 0.27 0.00 | 18.89 0.50 0.00 | 20.20 0.84 0.00 | 20.79 0.99 0.00 | 23.91 1.09 0.00 | 22.14 1.14 0.00 | 19.86 0.80 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 18.51 -0.61 0.00 | 16.10 -0.50 0.00 | 15.26 -0.48 0.00 | 14.91 -0.43 0.00 | 15.33 -0.45 0.00 | 15.98 -0.41 0.00 | 18.04 -0.43 0.00 | 20.26 -0.38 0.00 | 19.27 -0.31 0.00 | 19.90 -0.11 0.00 | 22.35 0.04 0.00 | 21.83 0.06 0.00 | 19.17 0.15 0.00 | 17.96 0.03 0.00 | 17.86 -0.02 0.00 | 17.66 -0.12 0.00 | 17.31 -0.14 0.00 | 16.31 -0.30 0.00 | 18.30 -0.09 0.00 | 19.50 0.14 0.00 | 19.79 0.00 0.00 | 22.74 -0.08 0.00 | 21.28 0.27 0.00 | 19.14 0.08 0.00 |
| SAWYER____23_KV_LOAD 55526 | 18.51 -0.61 0.00 | 16.10 -0.50 0.00 | 15.26 -0.48 0.00 | 14.91 -0.43 0.00 | 15.33 -0.45 0.00 | 15.98 -0.41 0.00 | 18.04 -0.43 0.00 | 20.26 -0.38 0.00 | 19.27 -0.31 0.00 | 19.90 -0.11 0.00 | 22.35 0.04 0.00 | 21.83 0.06 0.00 | 19.17 0.15 0.00 | 17.96 0.03 0.00 | 17.86 -0.02 0.00 | 17.66 -0.12 0.00 | 17.31 -0.14 0.00 | 16.31 -0.30 0.00 | 18.30 -0.09 0.00 | 19.50 0.14 0.00 | 19.79 0.00 0.00 | 22.74 -0.08 0.00 | 21.28 0.27 0.00 | 19.14 0.08 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SELKIRK___I 23801 | 20.40 0.63 -0.65 | 21.86 0.57 -4.70 | 18.31 0.56 -2.02 | 19.36 0.55 -3.48 | 17.85 0.57 -1.50 | 18.06 0.58 -1.10 | 26.27 0.58 -7.22 | 21.10 0.46 0.00 | 19.91 0.34 0.00 | 20.32 0.31 0.00 | 22.59 0.28 0.00 | 22.21 0.44 0.00 | 19.41 0.40 0.00 | 18.27 0.34 0.00 | 18.26 0.38 0.00 | 18.18 0.40 0.00 | 17.88 0.43 0.00 | 17.12 0.51 0.00 | 18.96 0.57 0.00 | 19.30 0.65 0.71 | 20.46 0.67 0.00 | 23.43 0.61 0.00 | 21.50 0.49 0.00 | 19.50 0.44 0.00 |
| SELKIRK___II 23799 | 20.36 0.54 -0.71 | 22.18 0.47 -5.10 | 18.39 0.46 -2.19 | 19.56 0.44 -3.78 | 17.87 0.46 -1.63 | 18.04 0.46 -1.19 | 26.77 0.45 -7.84 | 20.98 0.34 0.00 | 19.88 0.30 0.00 | 20.33 0.32 0.00 | 22.65 0.34 0.00 | 22.18 0.41 0.00 | 19.40 0.39 0.00 | 18.32 0.39 0.00 | 18.29 0.41 0.00 | 18.20 0.42 0.00 | 17.92 0.47 0.00 | 17.12 0.51 0.00 | 18.93 0.55 0.00 | 19.13 0.59 0.83 | 20.37 0.58 0.00 | 23.32 0.50 0.00 | 21.40 0.39 0.00 | 19.40 0.34 0.00 |
| SENECA OSWGO___HYD 24041 | 18.87 -0.25 0.00 | 16.37 -0.23 0.00 | 15.51 -0.23 0.00 | 15.12 -0.22 0.00 | 15.56 -0.22 0.00 | 16.16 -0.22 0.00 | 18.21 -0.26 0.00 | 20.36 -0.29 0.00 | 19.32 -0.26 0.00 | 19.79 -0.22 0.00 | 22.04 -0.27 0.00 | 21.49 -0.28 0.00 | 18.76 -0.26 0.00 | 17.69 -0.24 0.00 | 15.15 -0.26 2.46 | 17.51 -0.28 0.00 | 17.22 -0.24 0.00 | 16.40 -0.21 0.00 | 18.22 -0.17 0.00 | 19.25 -0.12 0.00 | 19.65 -0.15 0.00 | 22.55 -0.27 0.00 | 20.78 -0.23 0.00 | 18.89 -0.16 0.00 |
| SENECA___115KV_TB3 355854 | 18.74 -0.38 0.00 | 16.28 -0.32 0.00 | 15.43 -0.31 0.00 | 15.08 -0.25 0.00 | 15.51 -0.27 0.00 | 16.16 -0.23 0.00 | 18.27 -0.20 0.00 | 20.54 -0.11 0.00 | 19.55 -0.03 0.00 | 20.18 0.17 0.00 | 22.66 0.35 0.00 | 22.11 0.34 0.00 | 19.41 0.40 0.00 | 18.21 0.27 0.00 | 18.12 0.24 0.00 | 17.93 0.14 0.00 | 17.57 0.12 0.00 | 16.59 -0.02 0.00 | 18.59 0.20 0.00 | 19.80 0.43 0.00 | 20.10 0.30 0.00 | 23.08 0.25 0.00 | 21.57 0.56 0.00 | 19.35 0.30 0.00 |
| SENECA___ENERGY 23797 | 18.95 -0.17 0.00 | 16.44 -0.16 0.00 | 15.57 -0.16 0.00 | 15.19 -0.15 0.00 | 15.63 -0.15 0.00 | 16.25 -0.14 0.00 | 18.36 -0.10 0.00 | 20.61 -0.03 0.00 | 19.57 -0.01 0.00 | 20.07 0.06 0.00 | 22.33 0.02 0.00 | 21.79 0.02 0.00 | 19.04 0.02 0.00 | 17.91 -0.02 0.00 | 16.44 -0.05 1.39 | 17.72 -0.07 0.00 | 17.41 -0.04 0.00 | 16.59 -0.02 0.00 | 18.52 0.13 0.00 | 19.66 0.30 0.00 | 20.06 0.27 0.00 | 23.00 0.18 0.00 | 21.21 0.20 0.00 | 19.17 0.12 0.00 |
| SHOEMAKER___GT 23640 | 19.89 0.65 -0.12 | 18.01 0.53 -0.88 | 16.60 0.48 -0.38 | 16.44 0.45 -0.65 | 16.52 0.46 -0.28 | 17.05 0.46 -0.21 | 20.35 0.53 -1.35 | 21.26 0.62 0.00 | 20.18 0.60 0.00 | 20.67 0.66 0.00 | 23.16 0.85 0.00 | 22.61 0.83 0.00 | 19.75 0.73 0.00 | 18.64 0.71 0.00 | 18.66 0.78 0.00 | 18.63 0.85 0.00 | 18.35 0.89 0.00 | 17.54 0.93 0.00 | 19.38 0.98 0.00 | 20.38 1.02 0.00 | 20.84 1.04 0.00 | 23.85 1.03 0.00 | 21.91 0.90 0.00 | 19.74 0.68 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 19.89 0.65 -0.12 | 17.99 0.52 -0.87 | 16.58 0.47 -0.37 | 16.43 0.45 -0.64 | 16.52 0.46 -0.28 | 17.05 0.46 -0.20 | 20.32 0.52 -1.34 | 21.26 0.61 0.00 | 20.18 0.60 0.00 | 20.68 0.67 0.00 | 23.16 0.86 0.00 | 22.62 0.85 0.00 | 19.75 0.74 0.00 | 18.66 0.72 0.00 | 18.67 0.79 0.00 | 18.64 0.85 0.00 | 18.37 0.91 0.00 | 17.55 0.94 0.00 | 19.38 0.99 0.00 | 20.38 1.02 0.00 | 20.83 1.04 0.00 | 23.85 1.02 0.00 | 21.89 0.88 0.00 | 19.73 0.68 0.00 |
| SHOREHAM_IC_1 23715 | 21.80 1.58 -1.10 | 18.86 1.24 -1.02 | 17.26 1.08 -0.44 | 17.11 1.02 -0.76 | 17.20 1.09 -0.33 | 17.76 1.14 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.02 1.09 -53.35 | 39.86 1.36 -18.48 | 36.11 1.64 -12.16 | 63.14 1.41 -39.97 | 20.35 1.33 0.00 | 21.86 1.39 -2.55 | 26.86 1.51 -7.47 | 29.48 1.62 -10.07 | 20.90 1.68 -1.76 | 19.43 1.69 -1.13 | 20.09 1.70 0.00 | 20.87 1.51 0.00 | 21.52 1.73 0.00 | 24.48 1.65 0.00 | 22.43 1.42 0.00 | 20.15 1.10 0.00 |
| SHOREHAM_IC_2 23716 | 21.80 1.58 -1.10 | 18.86 1.24 -1.02 | 17.26 1.08 -0.44 | 17.11 1.02 -0.76 | 17.20 1.09 -0.33 | 17.76 1.14 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.02 1.09 -53.35 | 39.86 1.36 -18.48 | 36.11 1.64 -12.16 | 63.14 1.41 -39.97 | 20.35 1.33 0.00 | 21.86 1.39 -2.55 | 26.86 1.51 -7.47 | 29.48 1.62 -10.07 | 20.90 1.68 -1.76 | 19.43 1.69 -1.13 | 20.09 1.70 0.00 | 20.87 1.51 0.00 | 21.52 1.73 0.00 | 24.48 1.65 0.00 | 22.43 1.42 0.00 | 20.15 1.10 0.00 |
| SISSONVILLE____ 23735 | 18.95 -0.17 0.00 | 16.60 0.00 0.00 | 15.84 0.11 0.00 | 15.45 0.12 0.00 | 15.89 0.11 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.63 -0.01 0.00 | 19.52 -0.06 0.00 | 19.78 -0.23 0.00 | 21.98 -0.32 0.00 | 21.40 -0.37 0.00 | 18.67 -0.35 0.00 | 17.41 -0.52 0.00 | -54.53 -0.69 71.72 | 17.07 -0.72 0.00 | 16.64 -0.82 0.00 | 15.79 -0.82 0.00 | 17.48 -0.92 0.00 | 18.36 -1.00 0.00 | 18.90 -0.90 0.00 | 22.13 -0.69 0.00 | 20.56 -0.45 0.00 | 18.72 -0.34 0.00 |
| SITHE_IND_GS1 24169 | 18.67 -0.45 0.00 | 16.21 -0.39 0.00 | 15.36 -0.38 0.00 | 14.97 -0.37 0.00 | 15.40 -0.38 0.00 | 15.99 -0.40 0.00 | 18.00 -0.47 0.00 | 20.10 -0.55 0.00 | 19.08 -0.49 0.00 | 19.52 -0.48 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.16 -0.44 0.00 | 17.94 -0.45 0.00 | 18.92 -0.44 0.00 | 19.32 -0.48 0.00 | 22.19 -0.64 0.00 | 20.47 -0.54 0.00 | 18.66 -0.39 0.00 |
| SITHE_IND_GS2 24170 | 18.67 -0.45 0.00 | 16.21 -0.39 0.00 | 15.36 -0.38 0.00 | 14.97 -0.37 0.00 | 15.40 -0.38 0.00 | 15.99 -0.40 0.00 | 18.00 -0.47 0.00 | 20.10 -0.55 0.00 | 19.08 -0.49 0.00 | 19.52 -0.48 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.16 -0.44 0.00 | 17.94 -0.45 0.00 | 18.92 -0.44 0.00 | 19.32 -0.48 0.00 | 22.19 -0.64 0.00 | 20.47 -0.54 0.00 | 18.66 -0.39 0.00 |
| SITHE_IND_GS3 24171 | 18.67 -0.45 0.00 | 16.21 -0.39 0.00 | 15.36 -0.38 0.00 | 14.97 -0.37 0.00 | 15.40 -0.38 0.00 | 15.99 -0.40 0.00 | 18.00 -0.47 0.00 | 20.10 -0.55 0.00 | 19.08 -0.49 0.00 | 19.52 -0.48 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.16 -0.44 0.00 | 17.94 -0.45 0.00 | 18.92 -0.44 0.00 | 19.32 -0.48 0.00 | 22.19 -0.64 0.00 | 20.47 -0.54 0.00 | 18.66 -0.39 0.00 |
| SITHE_IND_GS4 24172 | 18.67 -0.45 0.00 | 16.21 -0.39 0.00 | 15.36 -0.38 0.00 | 14.97 -0.37 0.00 | 15.40 -0.38 0.00 | 15.99 -0.40 0.00 | 18.00 -0.47 0.00 | 20.10 -0.55 0.00 | 19.08 -0.49 0.00 | 19.52 -0.48 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.16 -0.44 0.00 | 17.94 -0.45 0.00 | 18.92 -0.44 0.00 | 19.32 -0.48 0.00 | 22.19 -0.64 0.00 | 20.47 -0.54 0.00 | 18.66 -0.39 0.00 |
| SITHE___BATAVIA 24024 | 18.95 -0.17 0.00 | 16.51 -0.08 0.00 | 15.61 -0.13 0.00 | 15.24 -0.09 0.00 | 15.68 -0.10 0.00 | 16.38 -0.01 0.00 | 18.50 0.03 0.00 | 20.77 0.13 0.00 | 19.71 0.13 0.00 | 20.23 0.22 0.00 | 22.73 0.42 0.00 | 22.11 0.34 0.00 | 19.44 0.42 0.00 | 18.22 0.29 0.00 | 18.15 0.27 0.00 | 17.90 0.11 0.00 | 17.54 0.08 0.00 | 16.66 0.04 0.00 | 18.68 0.29 0.00 | 19.99 0.63 0.00 | 20.37 0.57 0.00 | 23.40 0.58 0.00 | 21.79 0.78 0.00 | 19.58 0.53 0.00 |

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|--------------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SITHE___INDEPEND 23800 | 18.67 -0.45 0.00 | 16.20 -0.39 0.00 | 15.36 -0.38 0.00 | 14.97 -0.37 0.00 | 15.41 -0.37 0.00 | 15.99 -0.40 0.00 | 18.00 -0.47 0.00 | 20.10 -0.55 0.00 | 19.08 -0.50 0.00 | 19.52 -0.48 0.00 | 21.74 -0.57 0.00 | 21.18 -0.59 0.00 | 18.49 -0.53 0.00 | 17.45 -0.48 0.00 | 17.39 -0.49 0.00 | 17.29 -0.49 0.00 | 16.99 -0.47 0.00 | 16.16 -0.44 0.00 | 17.94 -0.45 0.00 | 18.92 -0.44 0.00 | 19.32 -0.48 0.00 | 22.19 -0.64 0.00 | 20.47 -0.54 0.00 | 18.66 -0.39 0.00 |
| SITHE___MASSENA 23902 | 18.93 -0.19 0.00 | 16.56 -0.04 0.00 | 15.79 0.05 0.00 | 15.40 0.06 0.00 | 15.83 0.05 0.00 | 16.27 -0.11 0.00 | 18.39 -0.08 0.00 | 20.57 -0.07 0.00 | 19.48 -0.09 0.00 | 19.77 -0.24 0.00 | 22.00 -0.31 0.00 | 21.49 -0.28 0.00 | 18.76 -0.26 0.00 | 17.62 -0.31 0.00 | -86.44 -0.41 103.92 | 17.35 -0.43 0.00 | 16.95 -0.51 0.00 | 16.11 -0.50 0.00 | 17.83 -0.56 0.00 | 18.68 -0.68 0.00 | 19.16 -0.63 0.00 | 22.35 -0.47 0.00 | 20.64 -0.37 0.00 | 18.74 -0.32 0.00 |
| SITHE___OGDNSBRG 24021 | 19.15 0.03 0.00 | 16.77 0.17 0.00 | 16.01 0.27 0.00 | 15.62 0.28 0.00 | 16.06 0.28 0.00 | 16.50 0.12 0.00 | 18.69 0.22 0.00 | 20.89 0.24 0.00 | 19.75 0.18 0.00 | 20.00 -0.01 0.00 | 22.21 -0.09 0.00 | 21.67 -0.10 0.00 | 18.87 -0.14 0.00 | 17.68 -0.26 0.00 | -66.79 -0.44 84.22 | 17.31 -0.47 0.00 | 16.88 -0.57 0.00 | 16.06 -0.55 0.00 | 17.76 -0.63 0.00 | 18.68 -0.68 0.00 | 19.30 -0.49 0.00 | 22.61 -0.21 0.00 | 20.91 -0.10 0.00 | 18.97 -0.09 0.00 |
| SITHE___STERLING 23777 | 19.61 0.49 0.00 | 17.00 0.40 0.00 | 16.11 0.38 0.00 | 15.71 0.37 0.00 | 16.17 0.39 0.00 | 16.82 0.43 0.00 | 19.02 0.54 0.00 | 21.28 0.64 0.00 | 20.21 0.64 0.00 | 20.67 0.66 0.00 | 23.03 0.72 0.00 | 22.38 0.61 0.00 | 19.56 0.55 0.00 | 18.46 0.52 0.00 | 14.25 0.50 4.14 | 18.29 0.50 0.00 | 17.94 0.48 0.00 | 17.10 0.49 0.00 | 18.96 0.58 0.00 | 20.07 0.70 0.00 | 20.56 0.76 0.00 | 23.64 0.82 0.00 | 21.71 0.70 0.00 | 19.62 0.57 0.00 |
| SLEIGHT___34_KV_TB1 80719 | 18.83 -0.30 0.00 | 16.34 -0.25 0.00 | 15.47 -0.26 0.00 | 15.10 -0.24 0.00 | 15.53 -0.25 0.00 | 16.16 -0.23 0.00 | 18.26 -0.21 0.00 | 20.48 -0.16 0.00 | 19.45 -0.13 0.00 | 19.95 -0.06 0.00 | 22.26 -0.04 0.00 | 21.74 -0.03 0.00 | 19.03 0.01 0.00 | 17.88 -0.05 0.00 | 17.80 -0.07 0.00 | 17.67 -0.12 0.00 | 17.37 -0.09 0.00 | 16.48 -0.13 0.00 | 18.44 0.05 0.00 | 19.57 0.21 0.00 | 19.94 0.15 0.00 | 22.88 0.06 0.00 | 21.13 0.12 0.00 | 19.10 0.04 0.00 |
| SOUTH CAIRO___GT 23612 | 20.97 1.24 -0.61 | 22.11 1.12 -4.39 | 18.71 1.09 -1.89 | 19.64 1.05 -3.25 | 18.28 1.10 -1.40 | 18.57 1.16 -1.03 | 26.44 1.21 -6.75 | 21.67 1.03 0.00 | 20.35 0.78 0.00 | 20.51 0.50 0.00 | 22.51 0.20 0.00 | 22.65 0.89 0.00 | 19.85 0.84 0.00 | 18.66 0.73 0.00 | 18.57 0.69 0.00 | 18.51 0.73 0.00 | 18.14 0.68 0.00 | 17.46 0.86 0.00 | 19.43 1.04 0.00 | 19.97 1.35 0.74 | 21.15 1.35 0.00 | 24.20 1.38 0.00 | 22.11 1.11 0.00 | 20.01 0.96 0.00 |
| SOUTH HAMPTN___IC 23720 | 22.20 1.98 -1.10 | 19.18 1.56 -1.02 | 17.54 1.37 -0.44 | 17.41 1.32 -0.76 | 17.54 1.43 -0.33 | 18.12 1.49 -0.24 | 21.76 1.72 -1.57 | 22.52 1.88 0.00 | 74.52 1.59 -53.35 | 40.39 1.90 -18.48 | 36.72 2.26 -12.16 | 63.75 2.01 -39.97 | 20.87 1.85 0.00 | 22.35 1.87 -2.55 | 27.31 1.96 -7.47 | 29.99 2.13 -10.07 | 21.30 2.08 -1.76 | 19.80 2.06 -1.13 | 20.43 2.04 0.00 | 21.20 1.83 0.00 | 21.80 2.01 0.00 | 24.74 1.92 0.00 | 22.64 1.63 0.00 | 20.30 1.25 0.00 |
| SOUTHDOW___115KV_TB1 355954 | 19.33 0.21 0.00 | 16.74 0.14 0.00 | 15.88 0.15 0.00 | 15.54 0.20 0.00 | 16.00 0.22 0.00 | 16.70 0.32 0.00 | 19.00 0.53 0.00 | 21.47 0.82 0.00 | 20.38 0.80 0.00 | 21.09 1.08 0.00 | 23.69 1.38 0.00 | 23.07 1.30 0.00 | 20.24 1.22 0.00 | 19.04 1.10 0.00 | 18.94 1.06 0.00 | 18.77 0.99 0.00 | 18.37 0.91 0.00 | 17.41 0.80 0.00 | 19.46 1.06 0.00 | 20.68 1.32 0.00 | 21.01 1.21 0.00 | 24.05 1.22 0.00 | 22.37 1.36 0.00 | 19.85 0.80 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 22.46 2.24 -1.10 | 19.37 1.75 -1.02 | 17.70 1.53 -0.44 | 17.59 1.49 -0.76 | 17.76 1.65 -0.33 | 18.36 1.73 -0.24 | 22.06 2.01 -1.57 | 22.85 2.20 0.00 | 74.82 1.89 -53.35 | 40.71 2.22 -18.48 | 37.07 2.60 -12.16 | 64.08 2.34 -39.97 | 21.13 2.12 0.00 | 22.58 2.10 -2.55 | 27.49 2.15 -7.47 | 30.23 2.37 -10.07 | 21.36 2.14 -1.76 | 19.86 2.12 -1.13 | 20.40 2.01 0.00 | 21.15 1.79 0.00 | 21.71 1.92 0.00 | 24.72 1.89 0.00 | 22.59 1.58 0.00 | 20.22 1.17 0.00 |
| SOUTHOLD___IC 23719 | 22.46 2.24 -1.10 | 19.37 1.75 -1.02 | 17.71 1.53 -0.44 | 17.59 1.49 -0.76 | 17.76 1.65 -0.33 | 18.36 1.73 -0.24 | 22.06 2.01 -1.57 | 22.85 2.20 0.00 | 74.82 1.89 -53.35 | 40.71 2.21 -18.48 | 37.07 2.60 -12.16 | 64.08 2.34 -39.97 | 21.13 2.12 0.00 | 22.58 2.10 -2.55 | 27.49 2.14 -7.47 | 30.23 2.37 -10.07 | 21.36 2.14 -1.76 | 19.86 2.12 -1.13 | 20.41 2.02 0.00 | 21.15 1.79 0.00 | 21.71 1.92 0.00 | 24.72 1.90 0.00 | 22.59 1.58 0.00 | 20.22 1.17 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 22.54 2.31 -1.10 | 19.41 1.79 -1.02 | 17.73 1.55 -0.44 | 17.63 1.54 -0.76 | 17.83 1.73 -0.33 | 18.44 1.81 -0.24 | 22.15 2.10 -1.57 | 22.95 2.31 0.00 | 74.91 1.98 -53.35 | 40.81 2.32 -18.48 | 37.17 2.71 -12.16 | 64.17 2.44 -39.97 | 21.19 2.18 0.00 | 22.63 2.15 -2.55 | 27.50 2.15 -7.47 | 30.27 2.41 -10.07 | 21.37 2.15 -1.76 | 19.86 2.13 -1.13 | 20.33 1.94 0.00 | 21.06 1.69 0.00 | 21.59 1.79 0.00 | 24.47 1.64 0.00 | 22.33 1.32 0.00 | 19.99 0.93 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 21.90 1.23 -1.55 | 28.89 1.09 -11.20 | 21.58 1.03 -4.81 | 24.65 1.02 -8.30 | 20.43 1.07 -3.58 | 20.13 1.13 -2.62 | 36.99 1.29 -17.22 | 22.04 1.39 0.00 | 20.84 1.27 0.00 | 21.25 1.24 0.00 | 23.55 1.24 0.00 | 23.04 1.27 0.00 | 19.85 0.83 0.00 | 18.62 0.68 0.00 | 18.40 0.52 0.00 | 18.25 0.47 0.00 | 18.07 0.61 0.00 | 17.32 0.71 0.00 | 19.41 1.03 0.00 | 20.93 1.16 -0.42 | 20.99 1.20 0.00 | 24.05 1.23 0.00 | 22.01 1.00 0.00 | 19.86 0.80 0.00 |
| ST LAWRENCE____ 23600 | 18.87 -0.25 0.00 | 16.42 -0.18 0.00 | 15.60 -0.14 0.00 | 15.21 -0.13 0.00 | 15.64 -0.14 0.00 | 16.23 -0.16 0.00 | 18.32 -0.16 0.00 | 20.50 -0.14 0.00 | 19.42 -0.16 0.00 | 19.72 -0.29 0.00 | 21.96 -0.35 0.00 | 21.45 -0.33 0.00 | 18.74 -0.28 0.00 | 17.62 -0.31 0.00 | 25.97 -0.37 -8.45 | 17.39 -0.40 0.00 | 16.99 -0.47 0.00 | 16.15 -0.46 0.00 | 17.87 -0.52 0.00 | 18.73 -0.63 0.00 | 19.19 -0.60 0.00 | 22.35 -0.48 0.00 | 20.60 -0.41 0.00 | 18.70 -0.36 0.00 |
| STATE_CA_115KV_115_LB 55624 | 20.93 0.71 -1.11 | 25.26 0.66 -8.00 | 19.81 0.63 -3.44 | 21.87 0.61 -5.92 | 18.96 0.63 -2.55 | 18.89 0.63 -1.87 | 31.38 0.61 -12.30 | 21.07 0.43 0.00 | 19.95 0.38 0.00 | 20.42 0.41 0.00 | 22.78 0.47 0.00 | 22.32 0.55 0.00 | 19.51 0.50 0.00 | 18.43 0.49 0.00 | 18.40 0.52 0.00 | 18.27 0.49 0.00 | 18.01 0.56 0.00 | 17.20 0.59 0.00 | 19.05 0.65 0.00 | 20.18 0.69 -0.12 | 20.44 0.64 0.00 | 23.38 0.56 0.00 | 21.43 0.42 0.00 | 19.44 0.39 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 19.26 0.14 0.00 | 16.69 0.09 0.00 | 15.82 0.08 0.00 | 15.43 0.09 0.00 | 15.83 0.05 0.00 | 16.44 0.06 0.00 | 18.56 0.08 0.00 | 20.76 0.12 0.00 | 19.71 0.13 0.00 | 20.17 0.16 0.00 | 22.44 0.13 0.00 | 21.86 0.09 0.00 | 19.09 0.08 0.00 | 17.97 0.04 0.00 | 16.47 0.04 1.44 | 17.80 0.02 0.00 | 17.52 0.06 0.00 | 16.71 0.10 0.00 | 18.61 0.21 0.00 | 19.75 0.39 0.00 | 20.20 0.40 0.00 | 23.19 0.36 0.00 | 21.29 0.28 0.00 | 19.32 0.27 0.00 |

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|--|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STATION 5_MISC_HYD 23604 | 18.79 -0.33 0.00 | 16.35 -0.24 0.00 | 15.47 -0.26 0.00 | 15.10 -0.24 0.00 | 15.53 -0.25 0.00 | 16.18 -0.20 0.00 | 18.26 -0.21 0.00 | 20.47 -0.18 0.00 | 19.44 -0.14 0.00 | 19.98 -0.03 0.00 | 22.35 0.04 0.00 | 21.83 0.06 0.00 | 19.14 0.12 0.00 | 17.99 0.06 0.00 | 17.91 0.03 0.00 | 17.75 -0.04 0.00 | 17.42 -0.04 0.00 | 16.48 -0.13 0.00 | 18.46 0.07 0.00 | 19.62 0.26 0.00 | 19.97 0.18 0.00 | 22.93 0.11 0.00 | 21.27 0.26 0.00 | 19.20 0.14 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 19.00 -0.12 0.00 | 16.49 -0.11 0.00 | 15.61 -0.12 0.00 | 15.24 -0.10 0.00 | 15.68 -0.10 0.00 | 16.33 -0.06 0.00 | 18.45 -0.02 0.00 | 20.71 0.07 0.00 | 19.67 0.09 0.00 | 20.19 0.18 0.00 | 22.51 0.20 0.00 | 21.99 0.22 0.00 | 19.24 0.22 0.00 | 18.10 0.16 0.00 | 18.01 0.13 0.00 | 17.88 0.10 0.00 | 17.57 0.11 0.00 | 16.67 0.06 0.00 | 18.68 0.29 0.00 | 19.84 0.48 0.00 | 20.20 0.41 0.00 | 23.18 0.35 0.00 | 21.42 0.41 0.00 | 19.33 0.28 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 18.71 -0.41 0.00 | 16.25 -0.34 0.00 | 15.40 -0.34 0.00 | 15.02 -0.31 0.00 | 15.46 -0.32 0.00 | 16.09 -0.30 0.00 | 18.17 -0.30 0.00 | 20.37 -0.27 0.00 | 19.34 -0.23 0.00 | 19.88 -0.13 0.00 | 22.23 -0.08 0.00 | 21.72 -0.05 0.00 | 19.04 0.03 0.00 | 17.90 -0.04 0.00 | 17.81 -0.07 0.00 | 17.66 -0.13 0.00 | 17.34 -0.12 0.00 | 16.40 -0.21 0.00 | 18.38 -0.01 0.00 | 19.53 0.16 0.00 | 19.88 0.08 0.00 | 22.82 -0.01 0.00 | 21.14 0.13 0.00 | 19.09 0.04 0.00 |
| STA_56___34_KV_BUS2 355983 | 18.71 -0.41 0.00 | 16.25 -0.34 0.00 | 15.40 -0.34 0.00 | 15.02 -0.31 0.00 | 15.46 -0.32 0.00 | 16.09 -0.30 0.00 | 18.17 -0.30 0.00 | 20.37 -0.27 0.00 | 19.34 -0.23 0.00 | 19.88 -0.13 0.00 | 22.23 -0.08 0.00 | 21.72 -0.05 0.00 | 19.04 0.03 0.00 | 17.90 -0.04 0.00 | 17.81 -0.07 0.00 | 17.66 -0.13 0.00 | 17.34 -0.12 0.00 | 16.40 -0.21 0.00 | 18.38 -0.01 0.00 | 19.53 0.16 0.00 | 19.88 0.08 0.00 | 22.82 -0.01 0.00 | 21.14 0.13 0.00 | 19.09 0.04 0.00 |
| STA_67___115KV_BK2 355882 | 18.76 -0.36 0.00 | 16.31 -0.29 0.00 | 15.44 -0.29 0.00 | 15.07 -0.26 0.00 | 15.51 -0.28 0.00 | 16.14 -0.24 0.00 | 18.22 -0.25 0.00 | 20.44 -0.21 0.00 | 19.40 -0.18 0.00 | 19.94 -0.06 0.00 | 22.30 0.00 0.00 | 21.78 0.00 0.00 | 19.10 0.08 0.00 | 17.95 0.02 0.00 | 17.87 -0.01 0.00 | 17.71 -0.08 0.00 | 17.38 -0.08 0.00 | 16.44 -0.17 0.00 | 18.42 0.02 0.00 | 19.57 0.21 0.00 | 19.92 0.13 0.00 | 22.88 0.06 0.00 | 21.23 0.22 0.00 | 19.16 0.11 0.00 |
| STA_7___115KV_9TRANS 80674 | 18.86 -0.26 0.00 | 16.39 -0.20 0.00 | 15.52 -0.21 0.00 | 15.15 -0.19 0.00 | 15.59 -0.19 0.00 | 16.23 -0.16 0.00 | 18.32 -0.15 0.00 | 20.55 -0.09 0.00 | 19.50 -0.07 0.00 | 20.06 0.05 0.00 | 22.43 0.12 0.00 | 21.90 0.13 0.00 | 19.21 0.20 0.00 | 18.07 0.13 0.00 | 17.98 0.11 0.00 | 17.83 0.04 0.00 | 17.50 0.04 0.00 | 16.55 -0.05 0.00 | 18.56 0.17 0.00 | 19.73 0.37 0.00 | 20.08 0.29 0.00 | 23.06 0.23 0.00 | 21.38 0.37 0.00 | 19.28 0.23 0.00 |
| STA_82___115KV_TB1 80780 | 18.77 -0.36 0.00 | 16.31 -0.29 0.00 | 15.45 -0.29 0.00 | 15.08 -0.26 0.00 | 15.51 -0.27 0.00 | 16.15 -0.24 0.00 | 18.23 -0.24 0.00 | 20.44 -0.20 0.00 | 19.40 -0.17 0.00 | 19.95 -0.05 0.00 | 22.31 0.00 0.00 | 21.78 0.01 0.00 | 19.10 0.09 0.00 | 17.96 0.02 0.00 | 17.88 0.00 0.00 | 17.71 -0.07 0.00 | 17.39 -0.07 0.00 | 16.44 -0.17 0.00 | 18.42 0.03 0.00 | 19.58 0.22 0.00 | 19.93 0.14 0.00 | 22.90 0.07 0.00 | 21.23 0.22 0.00 | 19.17 0.12 0.00 |
| STEEL___WIND 323596 | 18.72 -0.40 0.00 | 16.30 -0.30 0.00 | 15.42 -0.32 0.00 | 15.07 -0.27 0.00 | 15.51 -0.27 0.00 | 16.16 -0.22 0.00 | 18.27 -0.20 0.00 | 20.52 -0.12 0.00 | 19.53 -0.05 0.00 | 20.16 0.15 0.00 | 22.64 0.33 0.00 | 22.10 0.33 0.00 | 19.39 0.38 0.00 | 18.19 0.26 0.00 | 18.10 0.22 0.00 | 17.91 0.12 0.00 | 17.56 0.10 0.00 | 16.57 -0.04 0.00 | 18.58 0.19 0.00 | 19.78 0.41 0.00 | 20.08 0.28 0.00 | 23.07 0.25 0.00 | 21.54 0.53 0.00 | 19.33 0.28 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 20.79 0.76 -0.92 | 23.90 0.68 -6.62 | 19.23 0.65 -2.84 | 20.86 0.62 -4.90 | 18.56 0.67 -2.11 | 18.60 0.66 -1.55 | 29.32 0.67 -10.18 | 21.13 0.49 0.00 | 19.99 0.41 0.00 | 20.44 0.43 0.00 | 22.83 0.52 0.00 | 22.44 0.67 0.00 | 19.64 0.62 0.00 | 18.52 0.59 0.00 | 18.43 0.55 0.00 | 18.29 0.51 0.00 | 18.08 0.62 0.00 | 17.30 0.69 0.00 | 19.19 0.80 0.00 | 18.81 0.87 1.42 | 20.57 0.77 0.00 | 23.57 0.74 0.00 | 21.55 0.54 0.00 | 19.53 0.48 0.00 |
| STEUBEN_REC_LFGE 323667 | 19.15 0.03 0.00 | 16.62 0.02 0.00 | 15.75 0.01 0.00 | 15.40 0.06 0.00 | 15.86 0.08 0.00 | 16.51 0.12 0.00 | 18.71 0.24 0.00 | 21.11 0.47 0.00 | 20.04 0.46 0.00 | 20.57 0.56 0.00 | 22.99 0.68 0.00 | 22.36 0.59 0.00 | 19.56 0.55 0.00 | 18.40 0.47 0.00 | 18.32 0.44 0.00 | 18.20 0.42 0.00 | 17.86 0.41 0.00 | 16.99 0.38 0.00 | 18.99 0.60 0.00 | 20.22 0.86 0.00 | 20.63 0.84 0.00 | 23.65 0.83 0.00 | 21.96 0.96 0.00 | 19.64 0.59 0.00 |
| STILLWATER___SOLAR 323814 | 21.65 1.03 -1.51 | 28.39 0.91 -10.88 | 21.27 0.86 -4.67 | 24.23 0.84 -8.06 | 20.14 0.88 -3.47 | 19.84 0.91 -2.54 | 36.21 1.01 -16.73 | 21.71 1.06 0.00 | 20.52 0.94 0.00 | 20.93 0.93 0.00 | 23.33 1.03 0.00 | 22.81 1.03 0.00 | 19.83 0.82 0.00 | 18.70 0.77 0.00 | 18.59 0.71 0.00 | 18.48 0.69 0.00 | 18.24 0.78 0.00 | 17.45 0.84 0.00 | 19.43 1.04 0.00 | 21.04 1.18 -0.50 | 20.97 1.18 0.00 | 24.01 1.19 0.00 | 21.99 0.99 0.00 | 19.89 0.83 0.00 |
| STONY___BROOK 24151 | 21.89 1.67 -1.10 | 18.95 1.33 -1.02 | 17.34 1.16 -0.44 | 17.18 1.09 -0.76 | 17.27 1.16 -0.33 | 17.84 1.21 -0.24 | 21.44 1.39 -1.57 | 22.13 1.49 0.00 | 74.16 1.23 -53.36 | 39.98 1.49 -18.48 | 36.29 1.83 -12.16 | 63.33 1.59 -39.97 | 20.52 1.50 0.00 | 22.01 1.53 -2.55 | 26.98 1.63 -7.47 | 29.58 1.73 -10.07 | 21.00 1.78 -1.76 | 19.44 1.70 -1.13 | 20.10 1.71 0.00 | 20.89 1.53 0.00 | 21.66 1.87 0.00 | 24.64 1.81 0.00 | 22.61 1.60 0.00 | 20.35 1.30 0.00 |
| STURGEON_POOL_HYD 23609 | 20.06 0.70 -0.25 | 18.88 0.50 -1.79 | 16.95 0.45 -0.77 | 17.06 0.40 -1.32 | 16.77 0.42 -0.57 | 17.23 0.43 -0.42 | 21.74 0.53 -2.75 | 21.38 0.73 0.00 | 20.33 0.76 0.00 | 20.89 0.88 0.00 | 23.44 1.13 0.00 | 22.86 1.09 0.00 | 19.98 0.96 0.00 | 18.87 0.94 0.00 | 18.92 1.05 0.00 | 18.93 1.15 0.00 | 18.68 1.22 0.00 | 17.86 1.25 0.00 | 19.65 1.26 0.00 | 20.45 1.26 0.17 | 21.09 1.29 0.00 | 24.14 1.31 0.00 | 22.14 1.13 0.00 | 19.91 0.85 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 18.85 -0.27 0.00 | 16.40 -0.19 0.00 | 15.59 -0.14 0.00 | 15.21 -0.13 0.00 | 15.64 -0.14 0.00 | 16.21 -0.18 0.00 | 18.30 -0.17 0.00 | 20.47 -0.17 0.00 | 19.40 -0.18 0.00 | 19.69 -0.32 0.00 | 21.92 -0.39 0.00 | 21.41 -0.36 0.00 | 18.71 -0.31 0.00 | 17.59 -0.35 0.00 | 27.61 -0.41 -10.14 | 17.35 -0.44 0.00 | 16.94 -0.51 0.00 | 16.11 -0.50 0.00 | 17.82 -0.57 0.00 | 18.67 -0.69 0.00 | 19.14 -0.66 0.00 | 22.30 -0.53 0.00 | 20.56 -0.45 0.00 | 18.66 -0.39 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 18.85 -0.27 0.00 | 16.40 -0.19 0.00 | 15.59 -0.14 0.00 | 15.21 -0.13 0.00 | 15.64 -0.14 0.00 | 16.21 -0.18 0.00 | 18.30 -0.17 0.00 | 20.47 -0.17 0.00 | 19.40 -0.18 0.00 | 19.69 -0.32 0.00 | 21.92 -0.39 0.00 | 21.41 -0.36 0.00 | 18.71 -0.31 0.00 | 17.59 -0.35 0.00 | 27.61 -0.41 -10.14 | 17.35 -0.44 0.00 | 16.94 -0.51 0.00 | 16.11 -0.50 0.00 | 17.82 -0.57 0.00 | 18.67 -0.69 0.00 | 19.14 -0.66 0.00 | 22.30 -0.53 0.00 | 20.56 -0.45 0.00 | 18.66 -0.39 0.00 |

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| ST_LAW_230_BK5_LBMP 345035 | 18.87 -0.25 0.00 | 16.42 -0.18 0.00 | 15.60 -0.14 0.00 | 15.21 -0.13 0.00 | 15.64 -0.14 0.00 | 16.23 -0.16 0.00 | 18.32 -0.16 0.00 | 20.50 -0.14 0.00 | 19.42 -0.16 0.00 | 19.72 -0.29 0.00 | 21.96 -0.35 0.00 | 21.45 -0.33 0.00 | 18.74 -0.28 0.00 | 17.62 -0.31 0.00 | 23.66 -0.37 -6.15 | 17.39 -0.40 0.00 | 16.99 -0.47 0.00 | 16.15 -0.46 0.00 | 17.87 -0.52 0.00 | 18.73 -0.63 0.00 | 19.19 -0.60 0.00 | 22.35 -0.48 0.00 | 20.60 -0.41 0.00 | 18.70 -0.36 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 18.87 -0.25 0.00 | 16.42 -0.18 0.00 | 15.60 -0.14 0.00 | 15.21 -0.13 0.00 | 15.64 -0.14 0.00 | 16.23 -0.16 0.00 | 18.32 -0.16 0.00 | 20.50 -0.14 0.00 | 19.42 -0.16 0.00 | 19.72 -0.29 0.00 | 21.96 -0.35 0.00 | 21.45 -0.33 0.00 | 18.74 -0.28 0.00 | 17.62 -0.31 0.00 | 23.66 -0.37 -6.15 | 17.39 -0.40 0.00 | 16.99 -0.47 0.00 | 16.15 -0.46 0.00 | 17.87 -0.52 0.00 | 18.73 -0.63 0.00 | 19.19 -0.60 0.00 | 22.35 -0.48 0.00 | 20.60 -0.41 0.00 | 18.70 -0.36 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 19.97 0.73 -0.13 | 18.10 0.59 -0.91 | 16.66 0.54 -0.39 | 16.51 0.50 -0.68 | 16.59 0.51 -0.29 | 17.11 0.51 -0.21 | 20.45 0.57 -1.41 | 21.34 0.69 0.00 | 20.27 0.69 0.00 | 20.79 0.79 0.00 | 23.29 0.98 0.00 | 22.75 0.98 0.00 | 19.89 0.87 0.00 | 18.80 0.86 0.00 | 18.81 0.94 0.00 | 18.79 1.00 0.00 | 18.53 1.08 0.00 | 17.70 1.09 0.00 | 19.53 1.14 0.00 | 20.51 1.15 0.00 | 20.96 1.17 0.00 | 23.98 1.16 0.00 | 22.01 1.00 0.00 | 19.82 0.76 0.00 |
| SWANROAD_115KV_TB1 355699 | 18.20 -0.92 0.00 | 15.86 -0.74 0.00 | 15.03 -0.70 0.00 | 14.69 -0.65 0.00 | 15.09 -0.69 0.00 | 15.74 -0.64 0.00 | 17.76 -0.71 0.00 | 19.90 -0.74 0.00 | 18.93 -0.65 0.00 | 19.55 -0.46 0.00 | 21.93 -0.37 0.00 | 21.43 -0.34 0.00 | 18.83 -0.19 0.00 | 17.63 -0.31 0.00 | 17.52 -0.36 0.00 | 17.29 -0.49 0.00 | 16.96 -0.50 0.00 | 15.96 -0.65 0.00 | 17.93 -0.46 0.00 | 19.12 -0.24 0.00 | 19.42 -0.37 0.00 | 22.34 -0.48 0.00 | 20.94 -0.07 0.00 | 18.86 -0.20 0.00 |
| SYNERGY___BIOGAS 323694 | 18.95 -0.17 0.00 | 16.51 -0.08 0.00 | 15.61 -0.13 0.00 | 15.24 -0.09 0.00 | 15.68 -0.10 0.00 | 16.38 -0.01 0.00 | 18.50 0.03 0.00 | 20.77 0.13 0.00 | 19.71 0.13 0.00 | 20.23 0.22 0.00 | 22.73 0.42 0.00 | 22.11 0.34 0.00 | 19.44 0.42 0.00 | 18.22 0.29 0.00 | 18.15 0.27 0.00 | 17.90 0.11 0.00 | 17.54 0.08 0.00 | 16.66 0.04 0.00 | 18.68 0.29 0.00 | 19.99 0.63 0.00 | 20.37 0.57 0.00 | 23.40 0.58 0.00 | 21.79 0.78 0.00 | 19.58 0.53 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 19.09 -0.03 0.00 | 16.55 -0.04 0.00 | 15.70 -0.04 0.00 | 15.29 -0.05 0.00 | 15.73 -0.05 0.00 | 16.35 -0.04 0.00 | 18.42 -0.05 0.00 | 20.56 -0.08 0.00 | 19.50 -0.07 0.00 | 19.96 -0.05 0.00 | 22.17 -0.14 0.00 | 21.58 -0.19 0.00 | 18.84 -0.17 0.00 | 17.76 -0.17 0.00 | 15.96 -0.17 1.76 | 17.61 -0.17 0.00 | 17.38 -0.07 0.00 | 16.62 0.01 0.00 | 18.47 0.08 0.00 | 19.51 0.15 0.00 | 19.92 0.13 0.00 | 22.86 0.03 0.00 | 21.05 0.04 0.00 | 19.12 0.07 0.00 |
| SYRACUSE___POWER 24017 | 19.04 -0.08 0.00 | 16.51 -0.08 0.00 | 15.65 -0.09 0.00 | 15.25 -0.09 0.00 | 15.69 -0.09 0.00 | 16.31 -0.08 0.00 | 18.38 -0.09 0.00 | 20.55 -0.10 0.00 | 19.51 -0.07 0.00 | 19.98 -0.02 0.00 | 22.26 -0.05 0.00 | 21.68 -0.10 0.00 | 18.93 -0.09 0.00 | 17.86 -0.08 0.00 | 15.95 -0.08 1.85 | 17.70 -0.09 0.00 | 17.42 -0.04 0.00 | 16.61 0.00 0.00 | 18.45 0.06 0.00 | 19.47 0.11 0.00 | 19.87 0.08 0.00 | 22.81 -0.01 0.00 | 21.02 0.01 0.00 | 19.08 0.03 0.00 |
| TALLMAN___138KV_BK151 55660 | 20.07 0.81 -0.13 | 18.21 0.66 -0.96 | 16.75 0.60 -0.41 | 16.60 0.56 -0.71 | 16.66 0.58 -0.30 | 17.18 0.57 -0.22 | 20.57 0.63 -1.47 | 21.42 0.77 0.00 | 20.37 0.79 0.00 | 20.91 0.90 0.00 | 23.44 1.13 0.00 | 22.89 1.12 0.00 | 20.02 1.00 0.00 | 18.94 1.00 0.00 | 18.95 1.07 0.00 | 18.94 1.15 0.00 | 18.68 1.22 0.00 | 17.83 1.22 0.00 | 19.66 1.27 0.00 | 20.63 1.27 0.00 | 21.08 1.29 0.00 | 24.11 1.28 0.00 | 22.13 1.12 0.00 | 19.91 0.86 0.00 |
| TEALLAVE_115KV_TB7 355573 | 18.99 -0.13 0.00 | 16.48 -0.12 0.00 | 15.61 -0.13 0.00 | 15.21 -0.12 0.00 | 15.66 -0.12 0.00 | 16.27 -0.12 0.00 | 18.34 -0.13 0.00 | 20.51 -0.13 0.00 | 19.48 -0.10 0.00 | 19.95 -0.05 0.00 | 22.23 -0.07 0.00 | 21.66 -0.11 0.00 | 18.92 -0.09 0.00 | 17.85 -0.09 0.00 | 15.71 -0.09 2.08 | 17.68 -0.10 0.00 | 17.39 -0.07 0.00 | 16.56 -0.05 0.00 | 18.40 0.01 0.00 | 19.42 0.06 0.00 | 19.83 0.03 0.00 | 22.75 -0.08 0.00 | 20.96 -0.05 0.00 | 19.03 -0.02 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 18.63 -0.49 0.00 | 16.21 -0.39 0.00 | 15.36 -0.38 0.00 | 15.00 -0.33 0.00 | 15.42 -0.36 0.00 | 16.09 -0.30 0.00 | 18.17 -0.30 0.00 | 20.39 -0.26 0.00 | 19.37 -0.20 0.00 | 19.97 -0.04 0.00 | 22.46 0.15 0.00 | 21.87 0.10 0.00 | 19.20 0.19 0.00 | 18.00 0.06 0.00 | 17.90 0.02 0.00 | 17.68 -0.11 0.00 | 17.33 -0.12 0.00 | 16.41 -0.20 0.00 | 18.39 0.00 0.00 | 19.61 0.25 0.00 | 19.95 0.15 0.00 | 22.92 0.10 0.00 | 21.42 0.41 0.00 | 19.27 0.21 0.00 |
| TEMPLE___115KV_TB 2 55572 | 19.00 -0.13 0.00 | 16.48 -0.12 0.00 | 15.61 -0.12 0.00 | 15.22 -0.12 0.00 | 15.66 -0.12 0.00 | 16.27 -0.11 0.00 | 18.34 -0.13 0.00 | 20.51 -0.13 0.00 | 19.48 -0.09 0.00 | 19.96 -0.05 0.00 | 22.25 -0.06 0.00 | 21.67 -0.10 0.00 | 18.93 -0.09 0.00 | 17.86 -0.08 0.00 | 15.77 -0.08 2.03 | 17.70 -0.09 0.00 | 17.40 -0.06 0.00 | 16.57 -0.04 0.00 | 18.41 0.02 0.00 | 19.43 0.07 0.00 | 19.83 0.03 0.00 | 22.75 -0.07 0.00 | 20.97 -0.03 0.00 | 19.04 -0.01 0.00 |
| TIANA___69_KV_BK 1 55817 | 22.12 1.89 -1.10 | 19.11 1.49 -1.02 | 17.49 1.31 -0.44 | 17.34 1.25 -0.76 | 17.46 1.35 -0.33 | 18.05 1.42 -0.24 | 21.67 1.63 -1.57 | 22.41 1.77 0.00 | 74.41 1.48 -53.35 | 40.28 1.79 -18.48 | 36.60 2.13 -12.16 | 63.63 1.89 -39.97 | 20.76 1.75 0.00 | 22.26 1.78 -2.55 | 27.24 1.89 -7.47 | 29.89 2.03 -10.07 | 21.24 2.02 -1.76 | 19.75 2.01 -1.13 | 20.39 2.00 0.00 | 21.17 1.81 0.00 | 21.79 2.00 0.00 | 24.75 1.93 0.00 | 22.65 1.64 0.00 | 20.33 1.27 0.00 |
| TILDEN___115KV_TB1 80814 | 19.04 -0.08 0.00 | 16.51 -0.08 0.00 | 15.65 -0.09 0.00 | 15.25 -0.09 0.00 | 15.69 -0.09 0.00 | 16.31 -0.08 0.00 | 18.38 -0.09 0.00 | 20.55 -0.10 0.00 | 19.51 -0.07 0.00 | 19.98 -0.02 0.00 | 22.26 -0.05 0.00 | 21.68 -0.10 0.00 | 18.93 -0.09 0.00 | 17.86 -0.08 0.00 | 15.95 -0.08 1.85 | 17.70 -0.09 0.00 | 17.42 -0.04 0.00 | 16.61 0.00 0.00 | 18.45 0.06 0.00 | 19.47 0.11 0.00 | 19.87 0.08 0.00 | 22.81 -0.01 0.00 | 21.02 0.01 0.00 | 19.08 0.03 0.00 |
| TRIGEN___CC 323695 | 21.50 1.27 -1.10 | 18.65 1.02 -1.02 | 17.09 0.92 -0.44 | 16.95 0.86 -0.76 | 17.01 0.90 -0.33 | 17.55 0.93 -0.24 | 21.11 1.06 -1.57 | 21.81 1.17 0.00 | 74.71 1.06 -54.07 | 39.89 1.40 -18.48 | 36.15 1.68 -12.16 | 63.23 1.49 -39.97 | 20.37 1.36 0.00 | 21.84 1.36 -2.55 | 26.77 1.42 -7.47 | 29.37 1.51 -10.07 | 20.80 1.58 -1.76 | 19.32 1.59 -1.13 | 20.00 1.61 0.00 | 20.88 1.52 0.00 | 21.46 1.67 0.00 | 24.49 1.67 0.00 | 22.48 1.47 0.00 | 20.23 1.17 0.00 |

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| TRINITY__115KV__4 BK 55933 | 20.71 0.65 -0.94 | 24.03 0.62 -6.81 | 19.26 0.60 -2.93 | 20.96 0.58 -5.04 | 18.55 0.60 -2.17 | 18.58 0.60 -1.59 | 29.50 0.56 -10.47 | 20.99 0.34 0.00 | 19.87 0.29 0.00 | 20.32 0.32 0.00 | 22.67 0.36 0.00 | 22.21 0.44 0.00 | 19.41 0.40 0.00 | 18.34 0.41 0.00 | 18.32 0.44 0.00 | 18.17 0.39 0.00 | 17.92 0.46 0.00 | 17.11 0.50 0.00 | 18.95 0.56 0.00 | 19.54 0.59 0.41 | 20.34 0.54 0.00 | 23.27 0.44 0.00 | 21.33 0.32 0.00 | 19.36 0.30 0.00 |
| UNION__PROCESSING_DRP 323587 | 18.77 -0.35 0.00 | 16.31 -0.28 0.00 | 15.46 -0.28 0.00 | 15.08 -0.25 0.00 | 15.51 -0.27 0.00 | 16.15 -0.23 0.00 | 18.23 -0.24 0.00 | 20.45 -0.20 0.00 | 19.41 -0.17 0.00 | 19.96 -0.05 0.00 | 22.31 0.00 0.00 | 21.79 0.01 0.00 | 19.11 0.09 0.00 | 17.96 0.03 0.00 | 17.88 0.00 0.00 | 17.72 -0.07 0.00 | 17.39 -0.07 0.00 | 16.45 -0.16 0.00 | 18.43 0.04 0.00 | 19.59 0.23 0.00 | 19.94 0.14 0.00 | 22.90 0.08 0.00 | 21.24 0.23 0.00 | 19.18 0.12 0.00 |
| UPPER HUDSON__HYD 24058 | 21.90 1.23 -1.55 | 28.88 1.08 -11.20 | 21.58 1.03 -4.81 | 24.65 1.02 -8.30 | 20.43 1.07 -3.58 | 20.13 1.13 -2.62 | 36.99 1.29 -17.22 | 22.04 1.39 0.00 | 20.84 1.27 0.00 | 21.25 1.24 0.00 | 23.55 1.24 0.00 | 23.04 1.27 0.00 | 19.85 0.83 0.00 | 18.62 0.68 0.00 | 18.40 0.52 0.00 | 18.25 0.47 0.00 | 18.07 0.61 0.00 | 17.32 0.71 0.00 | 19.41 1.02 0.00 | 20.93 1.16 -0.42 | 20.99 1.20 0.00 | 24.05 1.23 0.00 | 22.01 1.00 0.00 | 19.86 0.80 0.00 |
| UPPER RAQUET__HYD 24056 | 18.95 -0.17 0.00 | 16.59 0.00 0.00 | 15.84 0.11 0.00 | 15.45 0.12 0.00 | 15.89 0.11 0.00 | 16.31 -0.08 0.00 | 18.45 -0.02 0.00 | 20.63 -0.01 0.00 | 19.52 -0.06 0.00 | 19.78 -0.23 0.00 | 21.99 -0.32 0.00 | 21.40 -0.37 0.00 | 18.67 -0.35 0.00 | 17.41 -0.52 0.00 | -54.53 -0.69 71.72 | 17.07 -0.72 0.00 | 16.64 -0.82 0.00 | 15.79 -0.82 0.00 | 17.48 -0.92 0.00 | 18.36 -1.01 0.00 | 18.90 -0.90 0.00 | 22.13 -0.69 0.00 | 20.56 -0.45 0.00 | 18.72 -0.34 0.00 |
| VALLEY44_115KV_TB2 355964 | 18.81 -0.31 0.00 | 16.39 -0.20 0.00 | 15.56 -0.17 0.00 | 15.22 -0.11 0.00 | 15.66 -0.12 0.00 | 16.28 -0.11 0.00 | 18.42 -0.05 0.00 | 20.79 0.14 0.00 | 19.76 0.19 0.00 | 20.43 0.42 0.00 | 22.88 0.58 0.00 | 22.22 0.45 0.00 | 19.50 0.49 0.00 | 18.34 0.40 0.00 | 18.22 0.34 0.00 | 18.11 0.32 0.00 | 17.73 0.27 0.00 | 16.83 0.22 0.00 | 18.78 0.38 0.00 | 19.88 0.52 0.00 | 20.21 0.41 0.00 | 23.17 0.35 0.00 | 21.65 0.64 0.00 | 19.42 0.37 0.00 |
| VALLEY__115KV_TB 1-4 80826 | 19.45 0.33 0.00 | 16.91 0.31 0.00 | 16.03 0.29 0.00 | 15.63 0.29 0.00 | 16.10 0.32 0.00 | 16.72 0.33 0.00 | 18.85 0.38 0.00 | 20.99 0.35 0.00 | 19.80 0.23 0.00 | 20.26 0.25 0.00 | 22.60 0.29 0.00 | 22.07 0.30 0.00 | 19.22 0.21 0.00 | 18.15 0.22 0.00 | 16.49 0.23 1.62 | 17.99 0.21 0.00 | 17.68 0.22 0.00 | 16.89 0.28 0.00 | 18.74 0.35 0.00 | 19.83 0.47 0.00 | 20.26 0.47 0.00 | 23.22 0.39 0.00 | 21.32 0.32 0.00 | 19.31 0.26 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 19.72 0.56 -0.04 | 17.38 0.46 -0.32 | 16.30 0.43 -0.14 | 15.99 0.41 -0.23 | 16.32 0.44 -0.10 | 16.92 0.45 -0.07 | 19.50 0.54 -0.49 | 21.28 0.64 0.00 | 20.21 0.63 0.00 | 20.71 0.70 0.00 | 23.13 0.82 0.00 | 22.56 0.79 0.00 | 19.72 0.71 0.00 | 18.61 0.68 0.00 | 18.58 0.70 0.00 | 18.51 0.73 0.00 | 18.27 0.81 0.00 | 17.49 0.88 0.00 | 19.37 0.98 0.00 | 20.39 1.03 0.00 | 20.83 1.04 0.00 | 23.90 1.08 0.00 | 21.97 0.96 0.00 | 19.80 0.75 0.00 |
| VISCHER__FERRY HYD 24020 | 21.30 0.84 -1.34 | 27.08 0.77 -9.71 | 20.65 0.74 -4.17 | 23.25 0.72 -7.19 | 19.62 0.74 -3.10 | 19.40 0.75 -2.27 | 34.18 0.77 -14.93 | 21.41 0.77 0.00 | 20.24 0.66 0.00 | 20.67 0.66 0.00 | 23.08 0.77 0.00 | 22.57 0.80 0.00 | 19.69 0.68 0.00 | 18.61 0.67 0.00 | 18.53 0.66 0.00 | 18.36 0.57 0.00 | 18.13 0.67 0.00 | 17.35 0.73 0.00 | 19.24 0.85 0.00 | 21.09 0.95 -0.77 | 20.70 0.90 0.00 | 23.69 0.87 0.00 | 21.71 0.70 0.00 | 19.68 0.62 0.00 |
| V_A_10_SYNC_DSASP 323832 | 18.41 -0.71 0.00 | 16.06 -0.54 0.00 | 15.19 -0.54 0.00 | 14.84 -0.49 0.00 | 15.26 -0.52 0.00 | 15.90 -0.48 0.00 | 17.94 -0.53 0.00 | 20.12 -0.52 0.00 | 19.12 -0.45 0.00 | 19.72 -0.28 0.00 | 22.11 -0.20 0.00 | 21.60 -0.17 0.00 | 18.95 -0.07 0.00 | 17.77 -0.16 0.00 | 17.67 -0.21 0.00 | 17.49 -0.30 0.00 | 17.15 -0.31 0.00 | 16.16 -0.45 0.00 | 18.11 -0.27 0.00 | 19.27 -0.09 0.00 | 19.58 -0.22 0.00 | 22.50 -0.32 0.00 | 21.00 -0.01 0.00 | 18.94 -0.11 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 18.93 -0.19 0.00 | 16.48 -0.12 0.00 | 15.66 -0.08 0.00 | 15.27 -0.07 0.00 | 15.71 -0.08 0.00 | 16.28 -0.11 0.00 | 18.38 -0.09 0.00 | 20.57 -0.08 0.00 | 19.48 -0.09 0.00 | 19.79 -0.22 0.00 | 22.03 -0.28 0.00 | 21.52 -0.25 0.00 | 18.80 -0.21 0.00 | 17.68 -0.26 0.00 | 27.69 -0.33 -10.14 | 17.43 -0.36 0.00 | 17.03 -0.43 0.00 | 16.19 -0.42 0.00 | 17.91 -0.48 0.00 | 18.76 -0.60 0.00 | 19.22 -0.57 0.00 | 22.40 -0.43 0.00 | 20.66 -0.35 0.00 | 18.74 -0.31 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 19.97 0.85 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.34 0.87 0.00 | 21.66 1.02 0.00 | 20.38 0.80 0.00 | 20.44 0.43 0.00 | 22.81 0.50 0.00 | 22.26 0.48 0.00 | 19.37 0.36 0.00 | 18.19 0.25 0.00 | 12.26 0.23 5.85 | 17.90 0.12 0.00 | 17.33 -0.13 0.00 | 16.61 0.00 0.00 | 18.32 -0.07 0.00 | 19.31 -0.06 0.00 | 19.74 -0.06 0.00 | 22.78 -0.04 0.00 | 21.00 -0.01 0.00 | 19.21 0.16 0.00 |
| V_D_10_SYNC_DSASP 323841 | 18.93 -0.19 0.00 | 16.56 -0.04 0.00 | 15.79 0.05 0.00 | 15.39 0.06 0.00 | 15.83 0.05 0.00 | 16.28 -0.11 0.00 | 18.39 -0.08 0.00 | 20.58 -0.07 0.00 | 19.49 -0.09 0.00 | 19.78 -0.23 0.00 | 22.01 -0.30 0.00 | 21.49 -0.28 0.00 | 18.77 -0.25 0.00 | 17.62 -0.31 0.00 | 33.82 -0.40 -16.33 | 17.36 -0.42 0.00 | 16.96 -0.50 0.00 | 16.13 -0.48 0.00 | 17.84 -0.55 0.00 | 18.69 -0.67 0.00 | 19.18 -0.62 0.00 | 22.36 -0.46 0.00 | 20.65 -0.36 0.00 | 18.74 -0.32 0.00 |
| V_E_10_SYNC_DSASP 323830 | 20.46 1.34 0.00 | 17.73 1.14 0.00 | 16.75 1.01 0.00 | 16.33 1.00 0.00 | 16.84 1.06 0.00 | 17.59 1.20 0.00 | 20.01 1.54 0.00 | 22.53 1.89 0.00 | 21.42 1.84 0.00 | 21.95 1.94 0.00 | 24.37 2.06 0.00 | 23.57 1.80 0.00 | 20.63 1.62 0.00 | 19.36 1.43 0.00 | 19.25 1.37 0.00 | 19.05 1.27 0.00 | 18.76 1.30 0.00 | 17.97 1.36 0.00 | 20.02 1.63 0.00 | 21.23 1.87 0.00 | 21.77 1.97 0.00 | 24.96 2.14 0.00 | 22.90 1.88 0.00 | 20.53 1.48 0.00 |
| V_F_30_NSYNC__DSASP 323816 | 21.67 1.03 -1.52 | 28.53 0.91 -11.03 | 21.33 0.86 -4.74 | 24.34 0.85 -8.16 | 20.18 0.88 -3.52 | 19.88 0.92 -2.58 | 36.44 1.03 -16.95 | 21.73 1.09 0.00 | 20.55 0.97 0.00 | 20.97 0.97 0.00 | 23.38 1.07 0.00 | 22.85 1.08 0.00 | 19.87 0.86 0.00 | 18.74 0.80 0.00 | 18.63 0.75 0.00 | 18.52 0.73 0.00 | 18.28 0.82 0.00 | 17.49 0.88 0.00 | 19.46 1.08 0.00 | 21.02 1.20 -0.46 | 21.00 1.20 0.00 | 24.04 1.22 0.00 | 22.02 1.01 0.00 | 19.91 0.86 0.00 |
| V_F_30_SYNC_DSASP 323786 | 20.92 0.71 -1.09 | 25.17 0.66 -7.90 | 19.76 0.63 -3.40 | 21.80 0.61 -5.85 | 18.93 0.63 -2.52 | 18.87 0.63 -1.85 | 31.23 0.61 -12.15 | 21.07 0.43 0.00 | 19.95 0.38 0.00 | 20.42 0.41 0.00 | 22.78 0.47 0.00 | 22.31 0.54 0.00 | 19.51 0.50 0.00 | 18.43 0.49 0.00 | 18.40 0.52 0.00 | 18.27 0.49 0.00 | 18.01 0.55 0.00 | 17.20 0.59 0.00 | 19.04 0.65 0.00 | 20.14 0.69 -0.09 | 20.44 0.64 0.00 | 23.38 0.56 0.00 | 21.43 0.42 0.00 | 19.44 0.38 0.00 |

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| V_XM10_SYNC_DSASP 323789 | 19.97 0.85 0.00 | 17.24 0.64 0.00 | 16.33 0.59 0.00 | 15.94 0.60 0.00 | 16.43 0.65 0.00 | 17.07 0.68 0.00 | 19.34 0.87 0.00 | 21.66 1.02 0.00 | 20.38 0.80 0.00 | 20.44 0.43 0.00 | 22.81 0.50 0.00 | 22.26 0.48 0.00 | 19.37 0.36 0.00 | 18.19 0.25 0.00 | 12.26 0.23 5.85 | 17.90 0.12 0.00 | 17.33 -0.13 0.00 | 16.61 0.00 0.00 | 18.32 -0.07 0.00 | 19.31 -0.06 0.00 | 19.74 -0.06 0.00 | 22.78 -0.04 0.00 | 21.00 -0.01 0.00 | 19.21 0.16 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.13 0.88 -0.13 | 18.28 0.72 -0.97 | 16.81 0.66 -0.41 | 16.66 0.61 -0.71 | 16.72 0.63 -0.31 | 17.23 0.62 -0.23 | 20.65 0.70 -1.48 | 21.50 0.85 0.00 | 20.44 0.86 0.00 | 20.99 0.98 0.00 | 23.53 1.22 0.00 | 22.98 1.21 0.00 | 20.09 1.07 0.00 | 19.01 1.07 0.00 | 19.02 1.14 0.00 | 19.01 1.22 0.00 | 18.75 1.30 0.00 | 17.91 1.30 0.00 | 19.74 1.35 0.00 | 20.72 1.36 0.00 | 21.17 1.38 0.00 | 24.21 1.39 0.00 | 22.21 1.21 0.00 | 19.98 0.93 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 20.33 1.06 -0.14 | 18.50 0.87 -1.02 | 16.98 0.80 -0.44 | 16.84 0.75 -0.76 | 16.87 0.77 -0.33 | 17.41 0.78 -0.24 | 20.90 0.85 -1.57 | 21.67 1.03 0.00 | 20.64 1.06 0.00 | 21.21 1.20 0.00 | 23.77 1.46 0.00 | 23.17 1.40 0.00 | 20.25 1.23 0.00 | 19.14 1.21 0.00 | 19.15 1.27 0.00 | 19.17 1.38 0.00 | 18.89 1.43 0.00 | 18.05 1.44 0.00 | 19.86 1.47 0.00 | 20.85 1.49 0.00 | 21.33 1.54 0.00 | 24.41 1.58 0.00 | 22.40 1.39 0.00 | 20.14 1.09 0.00 |
| W50THST__13_KV_LOAD 356117 | 20.41 1.15 -0.14 | 18.56 0.94 -1.02 | 17.05 0.87 -0.44 | 16.91 0.82 -0.76 | 16.94 0.83 -0.33 | 17.48 0.86 -0.24 | 20.99 0.95 -1.57 | 21.80 1.16 0.00 | 20.77 1.19 0.00 | 21.35 1.34 0.00 | 23.93 1.62 0.00 | 23.33 1.56 0.00 | 20.39 1.37 0.00 | 19.28 1.34 0.00 | 19.29 1.41 0.00 | 19.30 1.52 0.00 | 19.03 1.57 0.00 | 18.18 1.57 0.00 | 20.00 1.61 0.00 | 20.97 1.61 0.00 | 21.45 1.66 0.00 | 24.54 1.71 0.00 | 22.51 1.51 0.00 | 20.23 1.18 0.00 |
| WADING RIVER_IC_1 23522 | 21.80 1.57 -1.10 | 18.86 1.23 -1.02 | 17.26 1.08 -0.44 | 17.11 1.01 -0.76 | 17.20 1.09 -0.33 | 17.76 1.13 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.03 1.10 -53.35 | 39.87 1.38 -18.48 | 36.13 1.66 -12.16 | 63.17 1.43 -39.97 | 20.37 1.35 0.00 | 21.88 1.40 -2.55 | 26.88 1.53 -7.47 | 29.49 1.63 -10.07 | 20.90 1.68 -1.76 | 19.41 1.68 -1.13 | 20.06 1.67 0.00 | 20.84 1.48 0.00 | 21.50 1.71 0.00 | 24.45 1.63 0.00 | 22.40 1.39 0.00 | 20.12 1.07 0.00 |
| WADING RIVER_IC_2 23547 | 21.80 1.57 -1.10 | 18.86 1.23 -1.02 | 17.26 1.08 -0.44 | 17.11 1.01 -0.76 | 17.20 1.09 -0.33 | 17.76 1.13 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.03 1.10 -53.35 | 39.87 1.38 -18.48 | 36.13 1.66 -12.16 | 63.17 1.43 -39.97 | 20.37 1.35 0.00 | 21.88 1.40 -2.55 | 26.88 1.53 -7.47 | 29.49 1.63 -10.07 | 20.90 1.68 -1.76 | 19.41 1.68 -1.13 | 20.06 1.67 0.00 | 20.84 1.48 0.00 | 21.50 1.71 0.00 | 24.45 1.63 0.00 | 22.40 1.39 0.00 | 20.12 1.07 0.00 |
| WADING RIVER_IC_3 23601 | 21.80 1.57 -1.10 | 18.86 1.23 -1.02 | 17.26 1.08 -0.44 | 17.11 1.01 -0.76 | 17.20 1.09 -0.33 | 17.76 1.13 -0.24 | 21.33 1.28 -1.57 | 22.01 1.37 0.00 | 74.03 1.10 -53.35 | 39.87 1.38 -18.48 | 36.13 1.66 -12.16 | 63.17 1.43 -39.97 | 20.37 1.35 0.00 | 21.88 1.40 -2.55 | 26.88 1.53 -7.47 | 29.49 1.63 -10.07 | 20.90 1.68 -1.76 | 19.41 1.68 -1.13 | 20.06 1.67 0.00 | 20.84 1.48 0.00 | 21.50 1.71 0.00 | 24.45 1.63 0.00 | 22.40 1.39 0.00 | 20.12 1.07 0.00 |
| WALDENNY_12_KV_BK2 80841 | 18.72 -0.40 0.00 | 16.28 -0.32 0.00 | 15.42 -0.31 0.00 | 15.08 -0.26 0.00 | 15.51 -0.28 0.00 | 16.16 -0.23 0.00 | 18.27 -0.20 0.00 | 20.53 -0.12 0.00 | 19.52 -0.06 0.00 | 20.17 0.17 0.00 | 22.65 0.35 0.00 | 22.11 0.34 0.00 | 19.42 0.40 0.00 | 18.22 0.28 0.00 | 18.12 0.24 0.00 | 17.93 0.14 0.00 | 17.58 0.12 0.00 | 16.58 -0.02 0.00 | 18.59 0.20 0.00 | 19.80 0.43 0.00 | 20.09 0.30 0.00 | 23.09 0.26 0.00 | 21.57 0.56 0.00 | 19.36 0.30 0.00 |
| WALDEN__HYDRO 24148 | 20.07 0.81 -0.14 | 18.28 0.66 -1.03 | 16.77 0.59 -0.44 | 16.66 0.56 -0.76 | 16.68 0.57 -0.33 | 17.21 0.58 -0.24 | 20.72 0.67 -1.58 | 21.44 0.80 0.00 | 20.36 0.79 0.00 | 20.88 0.87 0.00 | 23.41 1.10 0.00 | 22.91 1.14 0.00 | 20.07 1.06 0.00 | 18.94 1.01 0.00 | 18.97 1.10 0.00 | 18.95 1.16 0.00 | 18.73 1.27 0.00 | 17.91 1.30 0.00 | 19.76 1.37 0.00 | 20.77 1.41 0.00 | 21.24 1.44 0.00 | 24.30 1.47 0.00 | 22.27 1.27 0.00 | 20.04 0.98 0.00 |
| WARRENSBURG____ 23737 | 21.90 1.23 -1.55 | 28.88 1.08 -11.20 | 21.58 1.03 -4.81 | 24.65 1.02 -8.30 | 20.43 1.07 -3.58 | 20.13 1.13 -2.62 | 36.99 1.29 -17.22 | 22.04 1.39 0.00 | 20.84 1.27 0.00 | 21.25 1.24 0.00 | 23.55 1.24 0.00 | 23.04 1.27 0.00 | 19.85 0.83 0.00 | 18.62 0.68 0.00 | 18.40 0.52 0.00 | 18.25 0.47 0.00 | 18.07 0.61 0.00 | 17.32 0.71 0.00 | 19.41 1.02 0.00 | 20.93 1.16 -0.42 | 20.99 1.20 0.00 | 24.05 1.23 0.00 | 22.01 1.00 0.00 | 19.86 0.80 0.00 |
| WATERSIDE____6 8 9 23538 | 20.33 1.06 -0.14 | 18.50 0.87 -1.02 | 16.99 0.81 -0.44 | 16.85 0.76 -0.76 | 16.87 0.76 -0.33 | 17.39 0.77 -0.24 | 20.87 0.83 -1.57 | 21.65 1.01 0.00 | 20.61 1.03 0.00 | 21.16 1.16 0.00 | 23.72 1.41 0.00 | 23.13 1.36 0.00 | 20.21 1.19 0.00 | 19.10 1.16 0.00 | 19.12 1.24 0.00 | 19.13 1.35 0.00 | 18.87 1.41 0.00 | 18.02 1.41 0.00 | 19.80 1.42 0.00 | 20.80 1.43 0.00 | 21.30 1.50 0.00 | 24.38 1.56 0.00 | 22.38 1.37 0.00 | 20.12 1.07 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 19.36 0.24 0.00 | 16.81 0.21 0.00 | 15.94 0.21 0.00 | 15.54 0.20 0.00 | 16.00 0.22 0.00 | 16.61 0.23 0.00 | 18.73 0.25 0.00 | 20.87 0.23 0.00 | 19.70 0.13 0.00 | 20.17 0.16 0.00 | 22.49 0.18 0.00 | 21.97 0.20 0.00 | 19.14 0.13 0.00 | 18.08 0.14 0.00 | 16.42 0.15 1.62 | 17.92 0.14 0.00 | 17.63 0.17 0.00 | 16.82 0.21 0.00 | 18.66 0.27 0.00 | 19.71 0.35 0.00 | 20.15 0.35 0.00 | 23.12 0.29 0.00 | 21.23 0.22 0.00 | 19.20 0.15 0.00 |
| WATSON__69_KV_BK 1 55734 | 22.02 1.79 -1.10 | 19.06 1.44 -1.02 | 17.46 1.28 -0.44 | 17.30 1.20 -0.76 | 17.38 1.27 -0.33 | 17.95 1.33 -0.24 | 21.58 1.53 -1.57 | 22.31 1.67 0.00 | 74.41 1.43 -53.41 | 40.24 1.74 -18.48 | 36.55 2.08 -12.16 | 63.60 1.86 -39.97 | 20.76 1.75 0.00 | 22.27 1.78 -2.55 | 27.24 1.89 -7.47 | 29.86 2.00 -10.07 | 21.24 2.02 -1.76 | 19.77 2.03 -1.13 | 20.47 2.08 0.00 | 21.28 1.92 0.00 | 21.96 2.16 0.00 | 24.98 2.16 0.00 | 22.91 1.90 0.00 | 20.58 1.53 0.00 |
| WDELAWARE__HYD 323627 | 19.66 0.39 -0.15 | 17.98 0.27 -1.11 | 16.44 0.22 -0.48 | 16.35 0.19 -0.82 | 16.34 0.20 -0.35 | 16.85 0.20 -0.26 | 20.44 0.27 -1.70 | 21.03 0.39 0.00 | 19.95 0.38 0.00 | 20.44 0.43 0.00 | 22.94 0.64 0.00 | 22.40 0.63 0.00 | 19.45 0.44 0.00 | 17.98 0.04 0.00 | 17.99 0.12 0.00 | 17.96 0.17 0.00 | 17.75 0.29 0.00 | 16.99 0.38 0.00 | 18.75 0.36 0.00 | 19.69 0.37 0.04 | 20.25 0.46 0.00 | 23.73 0.91 0.00 | 21.76 0.75 0.00 | 19.57 0.52 0.00 |
| WEST BABYLON__IC 23714 | 21.94 1.72 -1.10 | 19.00 1.38 -1.02 | 17.41 1.23 -0.44 | 17.25 1.16 -0.76 | 17.33 1.22 -0.33 | 17.89 1.26 -0.24 | 21.51 1.46 -1.57 | 22.25 1.60 0.00 | 74.15 1.38 -53.19 | 40.21 1.72 -18.48 | 36.51 2.04 -12.16 | 63.56 1.83 -39.97 | 20.71 1.70 0.00 | 22.21 1.73 -2.55 | 27.17 1.82 -7.47 | 29.79 1.93 -10.07 | 21.17 1.95 -1.76 | 19.71 1.97 -1.13 | 20.41 2.02 0.00 | 21.24 1.88 0.00 | 21.89 2.10 0.00 | 24.93 2.11 0.00 | 22.88 1.87 0.00 | 20.56 1.50 0.00 |

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| WEST CANADA___HYD 24049 | 19.22 0.11 0.00 | 16.68 0.09 0.00 | 15.82 0.08 0.00 | 15.41 0.08 0.00 | 15.86 0.08 0.00 | 16.47 0.08 0.00 | 18.56 0.09 0.00 | 20.72 0.08 0.00 | 19.66 0.08 0.00 | 20.10 0.10 0.00 | 22.42 0.11 0.00 | 21.88 0.11 0.00 | 19.11 0.09 0.00 | 18.04 0.11 0.00 | 16.37 0.11 1.62 | 17.91 0.12 0.00 | 17.59 0.14 0.00 | 16.75 0.14 0.00 | 18.54 0.15 0.00 | 19.54 0.18 0.00 | 19.97 0.18 0.00 | 22.96 0.14 0.00 | 21.13 0.12 0.00 | 19.15 0.10 0.00 |
| WESTERN_NY_WIND 24143 | 18.93 -0.19 0.00 | 16.47 -0.13 0.00 | 15.59 -0.14 0.00 | 15.23 -0.11 0.00 | 15.67 -0.12 0.00 | 16.34 -0.05 0.00 | 18.48 0.01 0.00 | 20.74 0.10 0.00 | 19.68 0.10 0.00 | 20.21 0.20 0.00 | 22.71 0.40 0.00 | 22.09 0.32 0.00 | 19.42 0.40 0.00 | 18.21 0.27 0.00 | 18.13 0.25 0.00 | 17.87 0.09 0.00 | 17.52 0.06 0.00 | 16.64 0.03 0.00 | 18.66 0.27 0.00 | 19.97 0.61 0.00 | 20.34 0.55 0.00 | 23.38 0.55 0.00 | 21.77 0.76 0.00 | 19.56 0.51 0.00 |
| WESTOVER___LESR 323668 | 19.21 0.09 0.00 | 16.65 0.05 0.00 | 15.78 0.04 0.00 | 15.40 0.06 0.00 | 15.86 0.08 0.00 | 16.47 0.08 0.00 | 18.60 0.13 0.00 | 20.86 0.22 0.00 | 19.81 0.24 0.00 | 20.35 0.34 0.00 | 22.73 0.42 0.00 | 22.13 0.35 0.00 | 19.35 0.33 0.00 | 18.24 0.31 0.00 | 18.20 0.32 0.00 | 18.13 0.34 0.00 | 17.80 0.34 0.00 | 16.98 0.37 0.00 | 18.85 0.46 0.00 | 19.88 0.52 0.00 | 20.29 0.49 0.00 | 23.26 0.44 0.00 | 21.47 0.46 0.00 | 19.36 0.30 0.00 |
| WETHRSFD_WT_PWR 323626 | 18.73 -0.40 0.00 | 16.29 -0.31 0.00 | 15.42 -0.32 0.00 | 15.07 -0.27 0.00 | 15.50 -0.28 0.00 | 16.14 -0.25 0.00 | 18.25 -0.22 0.00 | 20.54 -0.10 0.00 | 19.53 -0.04 0.00 | 20.14 0.13 0.00 | 22.58 0.27 0.00 | 22.02 0.25 0.00 | 19.30 0.28 0.00 | 18.12 0.18 0.00 | 18.04 0.16 0.00 | 17.88 0.09 0.00 | 17.52 0.06 0.00 | 16.60 -0.01 0.00 | 18.56 0.17 0.00 | 19.74 0.37 0.00 | 20.07 0.28 0.00 | 23.04 0.21 0.00 | 21.47 0.46 0.00 | 19.24 0.19 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 20.07 0.81 -0.13 | 18.22 0.66 -0.97 | 16.75 0.60 -0.41 | 16.61 0.56 -0.71 | 16.66 0.57 -0.31 | 17.18 0.57 -0.23 | 20.59 0.63 -1.48 | 21.41 0.76 0.00 | 20.36 0.78 0.00 | 20.90 0.89 0.00 | 23.42 1.11 0.00 | 22.87 1.10 0.00 | 19.99 0.98 0.00 | 18.91 0.98 0.00 | 18.92 1.04 0.00 | 18.91 1.13 0.00 | 18.66 1.20 0.00 | 17.81 1.20 0.00 | 19.63 1.24 0.00 | 20.61 1.24 0.00 | 21.07 1.27 0.00 | 24.09 1.27 0.00 | 22.11 1.10 0.00 | 19.90 0.85 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.07 0.81 -0.13 | 18.22 0.66 -0.97 | 16.75 0.60 -0.41 | 16.61 0.56 -0.71 | 16.66 0.57 -0.31 | 17.18 0.57 -0.23 | 20.59 0.63 -1.48 | 21.41 0.76 0.00 | 20.36 0.78 0.00 | 20.90 0.89 0.00 | 23.42 1.11 0.00 | 22.87 1.10 0.00 | 19.99 0.98 0.00 | 18.91 0.98 0.00 | 18.92 1.04 0.00 | 18.91 1.13 0.00 | 18.66 1.20 0.00 | 17.81 1.20 0.00 | 19.63 1.24 0.00 | 20.61 1.24 0.00 | 21.07 1.27 0.00 | 24.09 1.27 0.00 | 22.11 1.10 0.00 | 19.90 0.85 0.00 |
| WHITEHAL_115KV_TB1 80871 | 22.28 1.62 -1.54 | 29.15 1.42 -11.13 | 21.87 1.35 -4.78 | 24.92 1.35 -8.24 | 20.75 1.41 -3.55 | 20.48 1.49 -2.60 | 37.31 1.73 -17.11 | 22.44 1.80 0.00 | 21.20 1.63 0.00 | 21.58 1.57 0.00 | 23.93 1.62 0.00 | 23.43 1.66 0.00 | 20.25 1.23 0.00 | 18.99 1.06 0.00 | 18.81 0.93 0.00 | 18.67 0.88 0.00 | 18.45 0.99 0.00 | 17.71 1.10 0.00 | 19.86 1.47 0.00 | 21.51 1.71 -0.44 | 21.58 1.78 0.00 | 24.72 1.90 0.00 | 22.57 1.56 0.00 | 20.33 1.28 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 20.39 1.13 -0.14 | 18.55 0.93 -1.02 | 17.02 0.85 -0.44 | 16.89 0.80 -0.75 | 16.93 0.82 -0.33 | 17.46 0.83 -0.24 | 20.99 0.95 -1.57 | 21.78 1.14 0.00 | 20.72 1.14 0.00 | 21.29 1.28 0.00 | 23.87 1.56 0.00 | 23.31 1.54 0.00 | 20.36 1.35 0.00 | 19.27 1.33 0.00 | 19.28 1.40 0.00 | 19.28 1.49 0.00 | 19.03 1.57 0.00 | 18.17 1.56 0.00 | 20.02 1.63 0.00 | 20.99 1.63 0.00 | 21.46 1.66 0.00 | 24.54 1.71 0.00 | 22.49 1.49 0.00 | 20.22 1.17 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 21.93 1.71 -1.10 | 18.97 1.35 -1.02 | 17.37 1.19 -0.44 | 17.22 1.12 -0.76 | 17.31 1.20 -0.33 | 17.87 1.25 -0.24 | 21.48 1.43 -1.57 | 22.18 1.53 0.00 | 74.19 1.26 -53.36 | 40.01 1.52 -18.48 | 36.29 1.82 -12.16 | 63.33 1.59 -39.97 | 20.51 1.49 0.00 | 22.02 1.54 -2.55 | 27.02 1.67 -7.47 | 29.64 1.78 -10.07 | 21.05 1.82 -1.76 | 19.55 1.82 -1.13 | 20.24 1.85 0.00 | 21.04 1.68 0.00 | 21.71 1.91 0.00 | 24.69 1.87 0.00 | 22.63 1.62 0.00 | 20.34 1.29 0.00 |
| WOODARD__115KV_TB2 355635 | 18.98 -0.15 0.00 | 16.46 -0.13 0.00 | 15.60 -0.14 0.00 | 15.20 -0.13 0.00 | 15.65 -0.13 0.00 | 16.25 -0.13 0.00 | 18.32 -0.15 0.00 | 20.48 -0.16 0.00 | 19.44 -0.13 0.00 | 19.91 -0.10 0.00 | 22.18 -0.13 0.00 | 21.61 -0.16 0.00 | 18.87 -0.15 0.00 | 17.80 -0.14 0.00 | 15.76 -0.13 1.98 | 17.64 -0.14 0.00 | 17.35 -0.11 0.00 | 16.53 -0.08 0.00 | 18.35 -0.04 0.00 | 19.37 0.01 0.00 | 19.78 -0.02 0.00 | 22.70 -0.13 0.00 | 20.92 -0.09 0.00 | 19.00 -0.05 0.00 |
| YORK___WARBASSE 23770 | 20.38 1.12 -0.14 | 18.54 0.92 -1.02 | 17.02 0.84 -0.44 | 16.87 0.78 -0.76 | 16.90 0.79 -0.33 | 17.42 0.79 -0.24 | 20.92 0.87 -1.57 | 21.69 1.05 0.00 | 20.65 1.07 0.00 | 21.20 1.19 0.00 | 23.75 1.44 0.00 | 23.18 1.41 0.00 | 20.24 1.22 0.00 | 19.14 1.21 0.00 | 19.16 1.28 0.00 | 19.19 1.40 0.00 | 18.92 1.46 0.00 | 18.07 1.46 0.00 | 19.89 1.50 0.00 | 20.89 1.53 0.00 | 21.39 1.60 0.00 | 24.50 1.67 0.00 | 22.49 1.48 0.00 | 20.20 1.15 0.00 |