

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | | | | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | | |
|-------------------------------|------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|--|--|--|--|--|--|--|--|
| Generator Data | | 06/06/2023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | PTID | 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 | | | | | | | | |
| 59TH STREET_GT_1 24138 | EDT | 18.49 | 16.67 | 15.21 | 14.72 | 15.15 | 16.33 | 20.71 | 21.70 | 22.39 | 21.86 | 22.67 | 24.60 | 24.61 | 25.22 | 25.99 | 27.43 | 30.58 | 36.54 | 34.38 | 31.54 | 29.67 | 26.28 | 22.65 | 21.04 | | | | | | | | |
| | | 1.01 | 0.91 | 0.82 | 0.79 | 0.80 | 0.84 | 1.08 | 1.44 | 1.48 | 1.50 | 1.58 | 1.68 | 1.73 | 1.86 | 2.03 | 2.23 | 2.53 | 2.90 | 2.64 | 2.31 | 2.04 | 1.74 | 1.44 | 1.15 | | | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.40 | -1.07 | -2.94 | -2.82 | -2.49 | -2.10 | -1.50 | -1.43 | -1.46 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| 74TH STREET_GT_1 24260 | EDT | 18.51 | 16.67 | 15.22 | 14.72 | 15.15 | 16.35 | 20.67 | 21.68 | 22.37 | 21.86 | 22.62 | 24.43 | 24.43 | 25.08 | 25.81 | 27.29 | 30.45 | 36.40 | 34.31 | 31.40 | 29.58 | 26.23 | 22.67 | 21.06 | | | | | | | | |
| | | 1.03 | 0.91 | 0.83 | 0.79 | 0.80 | 0.85 | 1.04 | 1.42 | 1.46 | 1.52 | 1.60 | 1.70 | 1.73 | 1.88 | 1.99 | 2.18 | 2.48 | 2.83 | 2.58 | 2.16 | 1.96 | 1.69 | 1.46 | 1.17 | | | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.37 | -1.00 | -2.75 | -2.64 | -2.33 | -1.97 | -1.41 | -1.36 | -1.39 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| 74TH STREET_GT_2 24261 | EDT | 18.51 | 16.67 | 15.22 | 14.72 | 15.15 | 16.35 | 20.67 | 21.68 | 22.37 | 21.86 | 22.62 | 24.43 | 24.43 | 25.08 | 25.81 | 27.29 | 30.45 | 36.40 | 34.31 | 31.40 | 29.58 | 26.23 | 22.67 | 21.06 | | | | | | | | |
| | | 1.03 | 0.91 | 0.83 | 0.79 | 0.80 | 0.85 | 1.04 | 1.42 | 1.46 | 1.52 | 1.60 | 1.70 | 1.73 | 1.88 | 1.99 | 2.18 | 2.48 | 2.83 | 2.58 | 2.16 | 1.96 | 1.69 | 1.46 | 1.17 | | | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.37 | -1.00 | -2.75 | -2.64 | -2.33 | -1.97 | -1.41 | -1.36 | -1.39 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ADK HUDSON___FALLS 24011 | EDT | 18.81 | 16.86 | 15.38 | 14.90 | 15.32 | 16.58 | 21.08 | 21.91 | 22.51 | 21.43 | 21.48 | 21.50 | 21.43 | 22.40 | 23.30 | 25.21 | 28.23 | 34.24 | 33.73 | 31.75 | 29.97 | 26.55 | 22.93 | 21.25 | | | | | | | | |
| | | 1.33 | 1.10 | 0.99 | 0.98 | 0.98 | 1.08 | 1.45 | 1.64 | 1.61 | 1.46 | 1.46 | 1.52 | 1.36 | 1.52 | 1.44 | 1.59 | 1.94 | 2.51 | 2.55 | 2.51 | 2.35 | 2.01 | 1.72 | 1.37 | | | | | | | | |
| | | 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 | 0.08 | 0.32 | 0.45 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ADK RESOURCE___RCVRY 23798 | EDT | 18.95 | 16.95 | 15.47 | 14.99 | 15.41 | 16.67 | 21.24 | 22.07 | 22.70 | 21.59 | 21.64 | 21.64 | 21.55 | 22.50 | 23.47 | 25.42 | 28.48 | 34.57 | 34.07 | 32.10 | 30.30 | 26.79 | 23.09 | 21.41 | | | | | | | | |
| | | 1.47 | 1.20 | 1.08 | 1.06 | 1.06 | 1.18 | 1.61 | 1.80 | 1.80 | 1.62 | 1.62 | 1.66 | 1.49 | 1.63 | 1.62 | 1.80 | 2.18 | 2.83 | 2.89 | 2.87 | 2.68 | 2.26 | 1.89 | 1.53 | | | | | | | | |
| | | 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 | 0.08 | 0.32 | 0.45 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ADK S GLENS___FALLS 24028 | EDT | 18.81 | 16.86 | 15.38 | 14.90 | 15.32 | 16.58 | 21.08 | 21.91 | 22.51 | 21.43 | 21.48 | 21.50 | 21.43 | 22.40 | 23.30 | 25.21 | 28.23 | 34.24 | 33.73 | 31.75 | 29.97 | 26.55 | 22.93 | 21.25 | | | | | | | | |
| | | 1.33 | 1.10 | 0.99 | 0.98 | 0.98 | 1.08 | 1.45 | 1.64 | 1.61 | 1.46 | 1.46 | 1.52 | 1.36 | 1.52 | 1.44 | 1.59 | 1.94 | 2.51 | 2.55 | 2.51 | 2.35 | 2.01 | 1.72 | 1.37 | | | | | | | | |
| | | 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 | 0.08 | 0.32 | 0.45 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ADK_NYS___DAM 23527 | EDT | 18.18 | 16.45 | 15.02 | 14.54 | 14.95 | 16.13 | 20.49 | 21.24 | 21.82 | 20.79 | 20.88 | 20.96 | 20.99 | 21.94 | 23.01 | 24.82 | 27.41 | 32.91 | 32.44 | 30.69 | 28.89 | 25.66 | 22.18 | 20.64 | | | | | | | | |
| | | 0.70 | 0.69 | 0.63 | 0.61 | 0.60 | 0.64 | 0.86 | 0.97 | 0.92 | 0.82 | 0.86 | 0.98 | 0.92 | 1.06 | 1.16 | 1.28 | 1.46 | 1.67 | 1.54 | 1.46 | 1.27 | 1.13 | 0.98 | 0.76 | | | | | | | | |
| | | 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 | 0.17 | 0.67 | 0.94 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| AIR_PRODUCTS___DRP 24190 | EDT | 17.69 | 15.99 | 14.68 | 14.21 | 14.58 | 15.69 | 19.89 | 20.63 | 21.18 | 20.19 | 20.34 | 20.38 | 20.51 | 21.40 | 22.31 | 24.16 | 26.93 | 32.44 | 31.79 | 29.73 | 28.04 | 24.88 | 21.63 | 20.08 | | | | | | | | |
| | | 0.21 | 0.24 | 0.29 | 0.28 | 0.23 | 0.20 | 0.26 | 0.36 | 0.27 | 0.22 | 0.32 | 0.40 | 0.44 | 0.52 | 0.46 | 0.52 | 0.59 | 0.64 | 0.57 | 0.50 | 0.41 | 0.34 | 0.42 | 0.20 | | | | | | | | |
| | | 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 | 0.07 | 0.27 | 0.38 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| AKWESSNE_115KV_BK 355683 | EDT | 17.41 | 15.69 | 14.33 | 13.87 | 14.32 | 15.45 | 19.59 | 20.26 | 20.86 | 19.95 | 19.98 | 19.90 | 19.97 | 20.77 | 21.72 | 23.51 | 26.35 | 31.92 | 31.22 | 29.06 | 27.51 | 24.39 | 21.08 | 19.72 | | | | | | | | |
| | | -0.07 | -0.06 | -0.06 | -0.06 | -0.03 | -0.05 | -0.04 | 0.00 | -0.04 | -0.02 | -0.04 | -0.08 | -0.10 | -0.10 | -0.13 | -0.19 | -0.27 | -0.26 | -0.22 | -0.18 | -0.11 | -0.15 | -0.13 | -0.16 | | | | | | | | |
| | | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ALBANY___1 23571 | EDT | 17.69 | 15.99 | 14.68 | 14.21 | 14.58 | 15.69 | 19.89 | 20.63 | 21.18 | 20.19 | 20.34 | 20.38 | 20.51 | 21.40 | 22.31 | 24.16 | 26.93 | 32.44 | 31.79 | 29.73 | 28.04 | 24.88 | 21.63 | 20.08 | | | | | | | | |
| | | 0.21 | 0.24 | 0.29 | 0.28 | 0.23 | 0.20 | 0.26 | 0.36 | 0.27 | 0.22 | 0.32 | 0.40 | 0.44 | 0.52 | 0.46 | 0.52 | 0.59 | 0.64 | 0.57 | 0.50 | 0.41 | 0.34 | 0.42 | 0.20 | | | | | | | | |
| | | 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 | 0.07 | 0.27 | 0.38 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ALBANY___2 23572 | EDT | 17.69 | 15.99 | 14.68 | 14.21 | 14.58 | 15.69 | 19.89 | 20.63 | 21.18 | 20.19 | 20.34 | 20.38 | 20.51 | 21.40 | 22.31 | 24.16 | 26.93 | 32.44 | 31.79 | 29.73 | 28.04 | 24.88 | 21.63 | 20.08 | | | | | | | | |
| | | 0.21 | 0.24 | 0.29 | 0.28 | 0.23 | 0.20 | 0.26 | 0.36 | 0.27 | 0.22 | 0.32 | 0.40 | 0.44 | 0.52 | 0.46 | 0.52 | 0.59 | 0.64 | 0.57 | 0.50 | 0.41 | 0.34 | 0.42 | 0.20 | | | | | | | | |
| | | 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 | 0.07 | 0.27 | 0.38 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |
| ALBANY___3 23573 | EDT | 17.69 | 15.99 | 14.68 | 14.21 | 14.58 | 15.69 | 19.89 | 20.63 | 21.18 | 20.19 | 20.34 | 20.38 | 20.51 | 21.40 | 22.31 | 24.16 | 26.93 | 32.44 | 31.79 | 29.73 | 28.04 | 24.88 | 21.63 | 20.08 | | | | | | | | |
| | | 0.21 | 0.24 | 0.29 | 0.28 | 0.23 | 0.20 | 0.26 | 0.36 | 0.27 | 0.22 | 0.32 | 0.40 | 0.44 | 0.52 | 0.46 | 0.52 | 0.59 | 0.64 | 0.57 | 0.50 | 0.41 | 0.34 | 0.42 | 0.20 | | | | | | | | |
| | | 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 | 0.07 | 0.27 | 0.38 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 17.69 0.21 0.00 | 15.99 0.24 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.58 0.23 0.00 | 15.69 0.20 0.00 | 19.89 0.26 0.00 | 20.63 0.36 0.00 | 21.18 0.27 0.00 | 20.19 0.22 0.00 | 20.34 0.32 0.00 | 20.38 0.40 0.00 | 20.51 0.44 0.00 | 21.40 0.52 0.00 | 22.31 0.46 0.00 | 24.16 0.52 0.07 | 26.93 0.59 0.27 | 32.44 0.64 0.38 | 31.79 0.57 0.22 | 29.73 0.50 0.00 | 28.04 0.41 0.00 | 24.88 0.34 0.00 | 21.63 0.42 0.00 | 20.08 0.20 0.00 |
| ALBANY___LFGE 323615 | 17.86 0.38 0.00 | 16.13 0.38 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.71 0.36 0.00 | 15.82 0.33 0.00 | 20.08 0.45 0.00 | 20.83 0.57 0.00 | 21.59 0.69 0.00 | 20.59 0.62 0.00 | 20.72 0.70 0.00 | 20.74 0.76 0.00 | 20.71 0.64 0.00 | 21.52 0.65 0.00 | 22.57 0.72 0.00 | 24.44 0.81 0.07 | 27.22 0.91 0.30 | 32.80 1.03 0.41 | 32.14 0.94 0.24 | 30.14 0.91 0.00 | 28.40 0.77 0.00 | 25.17 0.64 0.00 | 21.80 0.59 0.00 | 20.26 0.38 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 17.51 0.03 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.43 0.09 0.00 | 15.57 0.08 0.00 | 19.75 0.12 0.00 | 20.41 0.14 0.00 | 20.99 0.08 0.00 | 20.09 0.12 0.00 | 20.12 0.10 0.00 | 20.02 0.04 0.00 | 20.09 0.02 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.63 -0.07 0.00 | 26.40 -0.21 0.00 | 32.02 -0.16 0.00 | 31.35 -0.09 0.00 | 29.18 -0.06 0.00 | 27.71 0.08 0.00 | 24.53 0.00 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 17.51 0.03 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.43 0.09 0.00 | 15.57 0.08 0.00 | 19.75 0.12 0.00 | 20.41 0.14 0.00 | 20.99 0.08 0.00 | 20.09 0.12 0.00 | 20.12 0.10 0.00 | 20.02 0.04 0.00 | 20.09 0.02 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.63 -0.07 0.00 | 26.40 -0.21 0.00 | 32.02 -0.16 0.00 | 31.35 -0.09 0.00 | 29.18 -0.06 0.00 | 27.71 0.08 0.00 | 24.53 0.00 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| ALCOA___DSASP 323711 | 17.51 0.04 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.43 0.09 0.00 | 15.57 0.08 0.00 | 19.75 0.12 0.00 | 20.41 0.14 0.00 | 20.99 0.08 0.00 | 20.09 0.12 0.00 | 20.12 0.10 0.00 | 20.02 0.04 0.00 | 20.09 0.02 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.66 -0.05 0.00 | 26.43 -0.19 0.00 | 32.02 -0.16 0.00 | 31.38 -0.06 0.00 | 29.20 -0.03 0.00 | 27.71 0.08 0.00 | 24.58 0.05 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| ALLEGHENY___COGEN 23514 | 18.11 0.63 0.00 | 16.23 0.47 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 16.10 0.60 0.00 | 20.26 0.63 0.00 | 20.71 0.45 0.00 | 21.38 0.48 0.00 | 20.17 0.20 0.00 | 19.98 -0.04 0.00 | 19.76 -0.22 0.00 | 19.55 -0.52 0.00 | 20.23 -0.65 0.00 | 21.22 -0.63 0.00 | 22.97 -0.73 0.00 | 25.98 -0.64 0.00 | 31.60 -0.58 0.00 | 31.47 0.03 0.00 | 29.79 0.55 0.00 | 28.45 0.83 0.00 | 25.42 0.88 0.00 | 21.84 0.64 0.00 | 20.66 0.77 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 17.92 0.44 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.87 0.37 0.00 | 20.12 0.49 0.00 | 20.85 0.59 0.00 | 21.47 0.56 0.00 | 20.49 0.52 0.00 | 20.60 0.58 0.00 | 20.62 0.64 0.00 | 20.73 0.66 0.00 | 21.63 0.75 0.00 | 22.60 0.74 0.00 | 24.49 0.83 0.05 | 27.35 0.93 0.19 | 33.01 1.09 0.27 | 32.29 1.01 0.15 | 30.14 0.91 0.00 | 28.42 0.80 0.00 | 25.22 0.69 0.00 | 21.87 0.66 0.00 | 20.36 0.48 0.00 |
| ALTONA_WT_PWR 323606 | 17.74 0.26 0.00 | 15.90 0.14 0.00 | 14.58 0.19 0.00 | 14.11 0.18 0.00 | 14.63 0.29 0.00 | 15.79 0.29 0.00 | 20.10 0.47 0.00 | 20.85 0.59 0.00 | 21.45 0.54 0.00 | 20.53 0.56 0.00 | 20.36 0.34 0.00 | 20.18 0.20 0.00 | 20.19 0.12 0.00 | 21.06 0.19 0.00 | 21.99 0.13 0.00 | 23.77 0.07 0.00 | 26.56 -0.05 0.00 | 32.41 0.23 0.00 | 31.82 0.38 0.00 | 29.61 0.38 0.00 | 28.15 0.52 0.00 | 24.92 0.39 0.00 | 21.42 0.21 0.00 | 19.96 0.08 0.00 |
| AMERICAN_REF_FUEL 24010 | 17.02 -0.45 0.00 | 15.27 -0.49 0.00 | 14.04 -0.35 0.00 | 13.58 -0.35 0.00 | 13.97 -0.37 0.00 | 15.20 -0.29 0.00 | 19.00 -0.63 0.00 | 19.17 -1.09 0.00 | 20.09 -0.82 0.00 | 19.25 -0.72 0.00 | 19.10 -0.92 0.00 | 18.84 -1.14 0.00 | 18.74 -1.33 0.00 | 19.41 -1.46 0.00 | 20.32 -1.53 0.00 | 21.88 -1.82 0.00 | 24.70 -1.92 0.00 | 29.77 -2.41 0.00 | 29.33 -2.11 0.00 | 27.42 -1.81 0.00 | 25.97 -1.66 0.00 | 23.33 -1.20 0.00 | 20.08 -1.12 0.00 | 19.25 -0.64 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 17.76 0.28 0.00 | 15.96 0.20 0.00 | 14.65 0.26 0.00 | 14.18 0.25 0.00 | 14.61 0.26 0.00 | 15.93 0.43 0.00 | 20.02 0.39 0.00 | 20.49 0.22 0.00 | 21.47 0.56 0.00 | 20.61 0.64 0.00 | 20.44 0.42 0.00 | 20.14 0.16 0.00 | 20.07 0.00 0.00 | 20.79 -0.08 0.00 | 21.70 -0.15 0.00 | 23.39 -0.31 0.00 | 26.37 -0.24 0.00 | 31.76 -0.42 0.00 | 31.38 -0.06 0.00 | 29.29 0.06 0.00 | 27.62 0.00 0.00 | 24.73 0.20 0.00 | 21.19 -0.02 0.00 | 20.20 0.32 0.00 |
| ARTHUR_KILL_GT_1 23520 | 18.55 1.07 0.00 | 16.67 0.91 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.17 0.68 0.00 | 20.34 0.71 0.00 | 21.33 1.07 0.01 | 22.04 1.15 0.01 | 21.61 1.28 -0.36 | 22.37 1.36 -0.99 | 24.21 1.48 -2.75 | 24.23 1.52 -2.63 | 24.89 1.69 -2.32 | 25.67 1.86 -1.96 | 27.17 2.06 -1.41 | 30.34 2.37 -1.36 | 36.34 2.77 -1.39 | 48.14 2.52 -14.18 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.61 1.40 0.00 | 21.06 1.17 0.00 |
| ARTHUR_KILL_2 23512 | 18.51 1.03 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.14 0.65 0.00 | 20.30 0.67 0.00 | 21.29 1.03 0.01 | 22.00 1.11 0.01 | 21.57 1.24 -0.36 | 22.33 1.32 -0.99 | 24.15 1.42 -2.75 | 24.16 1.46 -2.63 | 24.83 1.63 -2.32 | 25.61 1.79 -1.96 | 27.10 1.99 -1.41 | 30.27 2.29 -1.36 | 36.24 2.67 -1.39 | 48.04 2.42 -14.18 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.54 1.34 0.00 | 21.00 1.11 0.00 |
| ARTHUR_KILL_3 23513 | 18.35 0.87 0.00 | 16.56 0.80 0.00 | 15.12 0.73 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.22 0.73 0.00 | 20.56 0.92 0.00 | 21.54 1.28 0.00 | 22.20 1.30 0.00 | 21.69 1.34 -0.38 | 22.49 1.44 -1.03 | 24.36 1.54 -2.84 | 24.38 1.59 -2.72 | 24.99 1.71 -2.41 | 25.77 1.88 -2.03 | 27.24 2.09 -1.45 | 30.38 2.37 -1.40 | 36.28 2.67 -1.42 | 44.69 2.45 -10.79 | 31.34 2.11 0.00 | 29.47 1.85 0.00 | 26.08 1.55 0.00 | 22.46 1.25 0.00 | 20.86 0.97 0.00 |
| ARTHUR_KILL_COGEN 323718 | 18.55 1.07 0.00 | 16.67 0.91 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.17 0.68 0.00 | 20.34 0.71 0.00 | 21.33 1.07 0.01 | 22.04 1.15 0.01 | 21.61 1.28 -0.36 | 22.37 1.36 -0.99 | 24.21 1.48 -2.75 | 24.23 1.52 -2.63 | 24.89 1.69 -2.32 | 25.67 1.86 -1.96 | 27.17 2.06 -1.41 | 30.34 2.37 -1.36 | 36.34 2.77 -1.39 | 48.14 2.52 -14.18 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.61 1.40 0.00 | 21.06 1.17 0.00 |
| ASHOKAN____ 23654 | 17.90 0.42 0.00 | 16.10 0.35 0.00 | 14.82 0.43 0.00 | 14.33 0.40 0.00 | 14.75 0.40 0.00 | 15.93 0.43 0.00 | 20.20 0.57 0.00 | 20.73 0.47 0.00 | 21.17 0.27 0.00 | 20.01 0.04 0.00 | 20.36 0.34 0.00 | 20.48 0.50 0.00 | 20.63 0.56 0.00 | 21.33 0.46 0.00 | 22.38 0.52 0.00 | 24.39 0.69 0.00 | 28.18 1.57 0.00 | 34.11 1.93 0.00 | 33.26 1.82 0.00 | 30.08 0.85 0.00 | 28.26 0.64 0.00 | 25.00 0.46 0.00 | 21.59 0.38 0.00 | 20.20 0.32 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_EAST_ENERGY_CC1 323581 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.30 0.91 -0.01 | 14.80 0.86 -0.01 | 15.23 0.88 -0.01 | 16.31 0.82 0.00 | 20.37 0.75 0.01 | 21.41 1.15 0.01 | 22.13 1.23 0.01 | 21.73 1.40 -0.36 | 22.51 1.50 -0.99 | 24.30 1.58 -2.74 | 24.32 1.62 -2.63 | 24.97 1.77 -2.32 | 25.74 1.92 -1.96 | 27.23 2.13 -1.40 | 30.39 2.42 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.30 0.91 -0.01 | 14.80 0.86 -0.01 | 15.23 0.88 -0.01 | 16.31 0.82 0.00 | 20.37 0.75 0.01 | 21.41 1.15 0.01 | 22.13 1.23 0.01 | 21.73 1.40 -0.36 | 22.51 1.50 -0.99 | 24.30 1.58 -2.74 | 24.32 1.62 -2.63 | 24.97 1.77 -2.32 | 25.74 1.92 -1.96 | 27.23 2.13 -1.40 | 30.39 2.42 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT2_1 24094 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT2_2 24095 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT2_3 24096 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT2_4 24097 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT3_1 24098 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT3_2 24099 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT3_3 24100 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT3_4 24101 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT4_1 24102 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT4_2 24103 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT4_3 24104 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT4_4 24105 | 18.58 1.10 0.00 | 16.75 0.99 0.00 | 15.30 0.91 0.00 | 14.79 0.86 0.00 | 15.23 0.88 -0.01 | 16.35 0.85 0.00 | 20.40 0.77 0.00 | 21.44 1.18 0.00 | 22.16 1.25 0.00 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.63 -2.63 | 24.99 1.80 -2.32 | 25.70 1.88 -1.96 | 27.19 2.09 -1.40 | 30.29 2.32 -1.36 | 36.12 2.54 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.36 1.74 0.00 | 26.10 1.57 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA_GT_1 23523 | 18.61 1.12 -0.01 | 16.79 1.02 -0.01 | 15.32 0.92 -0.01 | 14.82 0.88 -0.01 | 15.25 0.89 -0.01 | 16.34 0.85 0.00 | 20.41 0.79 0.01 | 21.45 1.20 0.01 | 22.17 1.28 0.01 | 21.79 1.46 -0.36 | 22.55 1.54 -0.99 | 24.36 1.64 -2.74 | 24.36 1.66 -2.63 | 25.01 1.82 -2.32 | 25.80 1.99 -1.96 | 27.28 2.18 -1.40 | 30.47 2.50 -1.35 | 36.30 2.73 -1.38 | 34.27 2.55 -0.28 | 31.45 2.22 0.00 | 29.53 1.90 0.00 | 26.30 1.77 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT_10 24110 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.27 0.77 0.00 | 20.50 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.68 1.86 -1.97 | 27.15 2.04 -1.41 | 30.29 2.32 -1.36 | 36.18 2.61 -1.39 | 34.12 2.39 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA_GT_11 24225 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.27 0.77 0.00 | 20.50 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.68 1.86 -1.97 | 27.15 2.04 -1.41 | 30.29 2.32 -1.36 | 36.18 2.61 -1.39 | 34.12 2.39 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA_GT_12 24226 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA_GT_13 24227 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA_GT_5 24106 | 18.61 1.12 -0.01 | 16.79 1.02 -0.01 | 15.32 0.92 -0.01 | 14.82 0.88 -0.01 | 15.25 0.89 -0.01 | 16.34 0.85 0.00 | 20.41 0.79 0.01 | 21.45 1.20 0.01 | 22.17 1.28 0.01 | 21.79 1.46 -0.36 | 22.55 1.54 -0.99 | 24.36 1.64 -2.74 | 24.36 1.66 -2.63 | 25.01 1.82 -2.32 | 25.80 1.99 -1.96 | 27.28 2.18 -1.40 | 30.47 2.50 -1.35 | 36.30 2.73 -1.38 | 34.27 2.55 -0.28 | 31.45 2.22 0.00 | 29.53 1.90 0.00 | 26.30 1.77 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| ASTORIA_GT_7 24107 | 18.61 1.12 -0.01 | 16.79 1.02 -0.01 | 15.32 0.92 -0.01 | 14.82 0.88 -0.01 | 15.25 0.89 -0.01 | 16.34 0.85 0.00 | 20.41 0.79 0.01 | 21.45 1.20 0.01 | 22.17 1.28 0.01 | 21.79 1.46 -0.36 | 22.55 1.54 -0.99 | 24.36 1.64 -2.74 | 24.36 1.66 -2.63 | 25.01 1.82 -2.32 | 25.80 1.99 -1.96 | 27.28 2.18 -1.40 | 30.47 2.50 -1.35 | 36.30 2.73 -1.38 | 34.27 2.55 -0.28 | 31.45 2.22 0.00 | 29.53 1.90 0.00 | 26.30 1.77 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| ASTORIA_GT_8 24108 | 18.60 1.12 0.00 | 16.78 1.02 0.00 | 15.32 0.94 0.00 | 14.81 0.88 0.00 | 15.24 0.89 -0.01 | 16.36 0.87 0.00 | 20.42 0.79 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.79 1.46 -0.36 | 22.55 1.54 -0.99 | 24.36 1.64 -2.74 | 24.36 1.67 -2.63 | 25.03 1.84 -2.32 | 25.74 1.92 -1.96 | 27.23 2.13 -1.40 | 30.35 2.37 -1.36 | 36.18 2.61 -1.39 | 34.15 2.42 -0.29 | 31.28 2.05 0.00 | 29.42 1.80 0.00 | 26.15 1.62 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| ASTORIA___2 24149 | 18.59 1.10 -0.01 | 16.76 0.99 -0.01 | 15.30 0.91 -0.01 | 14.80 0.86 -0.01 | 15.23 0.88 -0.01 | 16.33 0.84 0.00 | 20.39 0.76 0.01 | 21.43 1.17 0.01 | 22.15 1.25 0.01 | 21.75 1.42 -0.36 | 22.51 1.50 -0.99 | 24.32 1.60 -2.74 | 24.32 1.62 -2.63 | 24.97 1.77 -2.32 | 25.76 1.94 -1.96 | 27.26 2.16 -1.40 | 30.42 2.45 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.40 2.16 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| ASTORIA___3 23516 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.28 2.70 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA___4 23517 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.27 0.77 0.00 | 20.50 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.68 1.86 -1.97 | 27.15 2.04 -1.41 | 30.29 2.32 -1.36 | 36.18 2.61 -1.39 | 34.12 2.39 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| ASTORIA___5 23518 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| AST_ENERGY_2_CC3 323677 | 18.41 0.93 0.00 | 16.59 0.83 0.00 | 15.14 0.75 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.56 0.92 0.00 | 21.54 1.28 0.00 | 22.20 1.30 0.00 | 21.69 1.34 -0.38 | 22.47 1.42 -1.03 | 24.34 1.52 -2.84 | 24.36 1.57 -2.72 | 24.97 1.69 -2.41 | 25.74 1.86 -2.03 | 27.19 2.04 -1.45 | 30.33 2.31 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.31 2.08 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.50 1.29 0.00 | 20.92 1.03 0.00 |
| AST_ENERGY_2_CC4 323678 | 18.41 0.93 0.00 | 16.59 0.83 0.00 | 15.14 0.75 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.56 0.92 0.00 | 21.54 1.28 0.00 | 22.20 1.30 0.00 | 21.69 1.34 -0.38 | 22.47 1.42 -1.03 | 24.34 1.52 -2.84 | 24.36 1.57 -2.72 | 24.97 1.69 -2.41 | 25.74 1.86 -2.03 | 27.19 2.04 -1.45 | 30.33 2.31 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.31 2.08 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.50 1.29 0.00 | 20.92 1.03 0.00 |
| ATHENS_STG_1 23668 | 17.93 0.45 0.00 | 16.21 0.46 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.75 0.40 0.00 | 15.88 0.39 0.00 | 20.14 0.51 0.00 | 20.91 0.65 0.00 | 21.55 0.65 0.00 | 20.59 0.62 0.00 | 20.68 0.66 0.00 | 20.72 0.74 0.00 | 20.91 0.84 0.00 | 21.79 0.92 0.00 | 22.86 1.01 0.00 | 24.84 1.11 -0.03 | 28.00 1.28 -0.10 | 33.78 1.45 -0.15 | 32.85 1.32 -0.08 | 30.40 1.17 0.00 | 28.62 0.99 0.00 | 25.39 0.86 0.00 | 21.97 0.76 0.00 | 20.48 0.60 0.00 |
| ATHENS_STG_2 23670 | 17.93 0.45 0.00 | 16.21 0.46 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.75 0.40 0.00 | 15.88 0.39 0.00 | 20.14 0.51 0.00 | 20.91 0.65 0.00 | 21.55 0.65 0.00 | 20.59 0.62 0.00 | 20.68 0.66 0.00 | 20.72 0.74 0.00 | 20.91 0.84 0.00 | 21.79 0.92 0.00 | 22.86 1.01 0.00 | 24.84 1.11 -0.03 | 28.00 1.28 -0.10 | 33.78 1.45 -0.15 | 32.85 1.32 -0.08 | 30.40 1.17 0.00 | 28.62 0.99 0.00 | 25.39 0.86 0.00 | 21.97 0.76 0.00 | 20.48 0.60 0.00 |

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| ATHENS_STG_3 23677 | 17.93 0.45 0.00 | 16.21 0.46 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.75 0.40 0.00 | 15.88 0.39 0.00 | 20.14 0.51 0.00 | 20.91 0.65 0.00 | 21.55 0.65 0.00 | 20.59 0.62 0.00 | 20.68 0.66 0.00 | 20.72 0.74 0.00 | 20.91 0.84 0.00 | 21.79 0.92 0.00 | 22.86 1.01 0.00 | 24.84 1.11 -0.03 | 28.00 1.28 -0.10 | 33.78 1.45 -0.15 | 32.85 1.32 -0.08 | 30.40 1.17 0.00 | 28.62 0.99 0.00 | 25.39 0.86 0.00 | 21.97 0.76 0.00 | 20.48 0.60 0.00 |
| AUBURN____LFGE 323710 | 17.71 0.23 0.00 | 15.85 0.09 0.00 | 14.43 0.04 0.00 | 14.00 0.07 0.00 | 14.42 0.07 0.00 | 15.62 0.12 0.00 | 19.77 0.14 0.00 | 20.41 0.14 0.00 | 21.11 0.21 0.00 | 20.15 0.18 0.00 | 20.10 0.08 0.00 | 20.00 0.02 0.00 | 20.07 0.00 0.00 | 20.87 0.00 0.00 | 21.94 0.09 0.00 | 23.75 0.05 0.00 | 26.69 0.08 0.00 | 32.37 0.19 0.00 | 31.72 0.28 0.00 | 29.56 0.32 0.00 | 27.98 0.36 0.00 | 24.88 0.34 0.00 | 21.44 0.23 0.00 | 20.20 0.32 0.00 |
| BABYLON_RES_REC 323704 | 18.93 1.45 0.00 | 16.89 1.14 0.00 | 15.27 0.88 0.00 | 14.75 0.82 0.00 | 15.19 0.85 0.00 | 16.42 0.93 0.00 | 20.97 1.34 0.00 | 21.90 1.64 0.00 | 22.60 1.69 0.00 | 21.77 1.80 0.00 | 24.44 1.82 -2.60 | 27.43 1.94 -5.51 | 28.39 2.01 -6.32 | 28.70 2.23 -5.59 | 31.53 2.36 -7.31 | 34.02 2.58 -7.74 | 44.21 3.06 -14.54 | 49.10 3.51 -13.41 | 58.12 3.33 -23.35 | 34.09 2.95 -1.90 | 37.10 2.68 -6.80 | 29.24 2.23 -2.47 | 23.14 1.91 -0.02 | 21.43 1.55 0.00 |
| BABYLON__69_KV_BK2 356345 | 19.12 1.64 0.00 | 17.06 1.31 0.00 | 15.41 1.02 0.00 | 14.89 0.96 0.00 | 15.34 0.99 0.00 | 16.59 1.10 0.00 | 21.18 1.55 0.00 | 22.09 1.82 0.00 | 22.81 1.90 0.00 | 21.97 2.00 0.00 | 24.66 2.04 -2.60 | 27.69 2.20 -5.51 | 28.65 2.27 -6.32 | 28.95 2.48 -5.59 | 31.72 2.56 -7.31 | 34.31 2.87 -7.74 | 44.43 3.27 -14.54 | 49.29 3.70 -13.41 | 58.28 3.49 -23.35 | 34.29 3.16 -1.90 | 37.35 2.93 -6.80 | 29.46 2.45 -2.47 | 23.37 2.14 -0.02 | 21.63 1.75 0.00 |
| BARON_WINDS____WT_PWR 323822 | 17.57 0.09 0.00 | 15.79 0.03 0.00 | 14.45 0.06 0.00 | 14.00 0.07 0.00 | 14.40 0.06 0.00 | 15.65 0.15 0.00 | 19.69 0.06 0.00 | 20.18 -0.08 0.00 | 21.01 0.11 0.00 | 20.07 0.10 0.00 | 20.00 -0.02 0.00 | 19.78 -0.20 0.00 | 19.79 -0.28 0.00 | 20.48 -0.40 0.00 | 21.44 -0.42 0.00 | 23.16 -0.54 0.00 | 26.11 -0.51 0.00 | 31.57 -0.61 0.00 | 31.06 -0.38 0.00 | 29.00 -0.23 0.00 | 27.49 -0.14 0.00 | 24.56 0.02 0.00 | 21.12 -0.08 0.00 | 20.04 0.16 0.00 |
| BARRETT_IC_1 23704 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_10 23701 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_11 23702 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_12 23703 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_2 23705 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_3 23706 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_4 23707 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_5 23708 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_6 23709 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_7 23710 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.36 0.87 0.00 | 20.83 1.20 0.00 | 21.74 1.48 0.00 | 22.45 1.55 0.00 | 21.61 1.64 0.00 | 24.28 1.66 -2.60 | 27.15 1.66 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.93 1.77 -7.31 | 33.41 1.97 -7.73 | 43.39 2.24 -14.54 | 48.13 2.54 -13.41 | 57.09 2.30 -23.35 | 33.12 1.99 -1.90 | 36.21 1.80 -6.79 | 28.50 1.50 -2.47 | 22.84 1.61 -0.02 | 21.18 1.29 0.00 |

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|------------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_8 23711 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT_IC_9 23700 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT___1 23545 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BARRETT___2 23546 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.34 0.85 0.00 | 20.83 1.20 0.00 | 21.72 1.46 0.00 | 22.46 1.55 -0.01 | 21.61 1.64 -0.01 | 24.29 1.66 -2.61 | 27.13 1.64 -5.51 | 27.97 1.59 -6.32 | 28.20 1.73 -5.59 | 30.99 1.84 -7.30 | 33.44 2.01 -7.73 | 43.49 2.34 -14.53 | 48.22 2.64 -13.40 | 57.20 2.42 -23.34 | 33.26 2.13 -1.89 | 36.31 1.90 -6.79 | 28.57 1.57 -2.47 | 22.84 1.61 -0.02 | 21.17 1.29 0.00 |
| BATAVIA___115KV_TB1 55881 | 17.50 0.02 0.00 | 15.69 -0.06 0.00 | 14.37 -0.01 0.00 | 13.89 -0.04 0.00 | 14.29 -0.06 0.00 | 15.52 0.03 0.00 | 19.53 -0.10 0.00 | 19.82 -0.45 0.00 | 20.72 -0.19 0.00 | 19.83 -0.14 0.00 | 19.66 -0.36 0.00 | 19.32 -0.66 0.00 | 19.23 -0.84 0.00 | 19.77 -1.11 0.00 | 20.81 -1.05 0.00 | 22.42 -1.28 0.00 | 25.31 -1.30 0.00 | 30.51 -1.67 0.00 | 30.18 -1.26 0.00 | 28.30 -0.94 0.00 | 26.79 -0.83 0.00 | 24.09 -0.44 0.00 | 20.64 -0.57 0.00 | 19.76 -0.12 0.00 |
| BAYONEEC___CTG1 323682 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG10 323750 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG2 323683 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG3 323684 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG4 323685 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG5 323686 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG6 323687 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG7 323688 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG8 323689 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| BAYONEEC___CTG9 323749 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.38 1.56 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.79 1.90 -2.03 | 27.26 2.11 -1.45 | 30.41 2.40 -1.40 | 36.31 2.70 -1.42 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |

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| BEACON___LESR 323632 | 17.95 0.47 0.00 | 16.21 0.46 0.00 | 14.85 0.46 0.00 | 14.37 0.45 0.00 | 14.76 0.42 0.00 | 15.90 0.40 0.00 | 20.20 0.57 0.00 | 20.93 0.67 0.00 | 21.51 0.61 0.00 | 20.51 0.54 0.00 | 20.64 0.62 0.00 | 20.68 0.70 0.00 | 20.81 0.74 0.00 | 21.62 0.75 0.00 | 22.73 0.88 0.00 | 24.67 1.04 0.07 | 27.47 1.14 0.29 | 33.10 1.32 0.40 | 32.50 1.29 0.23 | 30.46 1.23 0.00 | 28.67 1.05 0.00 | 25.42 0.88 0.00 | 22.01 0.81 0.00 | 20.44 0.56 0.00 |
| BEAVER RIVER___HYD 24048 | 17.78 0.30 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.11 0.18 0.00 | 14.62 0.27 0.00 | 15.83 0.34 0.00 | 20.14 0.51 0.00 | 20.81 0.55 0.00 | 21.38 0.48 0.00 | 20.37 0.40 0.00 | 20.20 0.18 0.00 | 20.10 0.12 0.00 | 20.13 0.06 0.00 | 20.79 -0.08 0.00 | 21.70 -0.15 0.00 | 23.59 -0.12 0.00 | 26.35 -0.27 0.00 | 32.08 -0.10 0.00 | 31.54 0.09 0.00 | 29.56 0.32 0.00 | 28.34 0.72 0.00 | 25.20 0.66 0.00 | 21.72 0.51 0.00 | 20.32 0.44 0.00 |
| BEEBEE_GT_13 23619 | 17.51 0.03 0.00 | 15.71 -0.05 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.26 -0.09 0.00 | 15.49 0.00 0.00 | 19.55 -0.08 0.00 | 20.00 -0.26 0.00 | 20.80 -0.10 0.00 | 19.91 -0.06 0.00 | 19.82 -0.20 0.00 | 19.60 -0.38 0.00 | 19.57 -0.50 0.00 | 20.23 -0.65 0.00 | 21.26 -0.59 0.00 | 22.99 -0.71 0.00 | 25.92 -0.69 0.00 | 31.31 -0.87 0.00 | 30.78 -0.66 0.00 | 28.77 -0.47 0.00 | 27.26 -0.36 0.00 | 24.36 -0.17 0.00 | 20.91 -0.30 0.00 | 19.86 -0.02 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 18.60 1.12 0.00 | 16.73 0.98 0.00 | 15.28 0.89 0.00 | 14.77 0.84 0.00 | 15.18 0.83 0.00 | 16.31 0.82 0.00 | 20.54 0.90 0.00 | 21.54 1.28 0.00 | 22.28 1.38 0.00 | 21.84 1.50 -0.37 | 22.62 1.60 -1.00 | 24.43 1.70 -2.75 | 24.45 1.75 -2.64 | 25.10 1.90 -2.33 | 25.83 2.01 -1.97 | 27.34 2.23 -1.41 | 30.48 2.50 -1.36 | 36.50 2.93 -1.39 | 48.33 2.70 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.30 1.77 0.00 | 22.76 1.55 0.00 | 21.16 1.27 0.00 |
| BETHLEHEM___GRP 23843 | 17.69 0.21 0.00 | 15.99 0.24 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.58 0.23 0.00 | 15.69 0.20 0.00 | 19.89 0.26 0.00 | 20.63 0.36 0.00 | 21.18 0.27 0.00 | 20.19 0.22 0.00 | 20.34 0.32 0.00 | 20.38 0.40 0.00 | 20.51 0.44 0.00 | 21.40 0.52 0.00 | 22.31 0.46 0.00 | 24.16 0.52 0.07 | 26.93 0.59 0.27 | 32.44 0.64 0.38 | 31.79 0.57 0.22 | 29.73 0.50 0.00 | 28.04 0.41 0.00 | 24.88 0.34 0.00 | 21.63 0.42 0.00 | 20.08 0.20 0.00 |
| BETHLEHEM___GS1 323560 | 17.69 0.21 0.00 | 15.99 0.24 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.58 0.23 0.00 | 15.68 0.19 0.00 | 19.89 0.25 0.00 | 20.63 0.37 0.00 | 21.17 0.27 0.00 | 20.19 0.22 0.00 | 20.34 0.32 0.00 | 20.38 0.40 0.00 | 20.51 0.44 0.00 | 21.31 0.44 0.00 | 22.36 0.50 0.00 | 24.20 0.57 0.07 | 26.98 0.64 0.27 | 32.50 0.71 0.38 | 31.85 0.63 0.22 | 29.82 0.58 0.00 | 28.09 0.47 0.00 | 24.90 0.37 0.00 | 21.59 0.38 0.00 | 20.08 0.20 0.00 |
| BETHLEHEM___GS2 323561 | 17.69 0.21 0.00 | 15.99 0.24 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.58 0.23 0.00 | 15.68 0.19 0.00 | 19.89 0.25 0.00 | 20.63 0.37 0.00 | 21.17 0.27 0.00 | 20.19 0.22 0.00 | 20.34 0.32 0.00 | 20.38 0.40 0.00 | 20.51 0.44 0.00 | 21.31 0.44 0.00 | 22.36 0.50 0.00 | 24.20 0.57 0.07 | 26.98 0.64 0.27 | 32.50 0.71 0.38 | 31.85 0.63 0.22 | 29.82 0.58 0.00 | 28.09 0.47 0.00 | 24.90 0.37 0.00 | 21.59 0.38 0.00 | 20.08 0.20 0.00 |
| BETHLEHEM___GS3 323562 | 17.69 0.21 0.00 | 15.99 0.24 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.58 0.23 0.00 | 15.68 0.19 0.00 | 19.89 0.25 0.00 | 20.63 0.37 0.00 | 21.17 0.27 0.00 | 20.19 0.22 0.00 | 20.34 0.32 0.00 | 20.38 0.40 0.00 | 20.51 0.44 0.00 | 21.31 0.44 0.00 | 22.36 0.50 0.00 | 24.20 0.57 0.07 | 26.98 0.64 0.27 | 32.50 0.71 0.38 | 31.85 0.63 0.22 | 29.82 0.58 0.00 | 28.09 0.47 0.00 | 24.90 0.37 0.00 | 21.59 0.38 0.00 | 20.08 0.20 0.00 |
| BETHLEHEM___STEEL 23779 | 17.44 -0.03 0.00 | 15.65 -0.11 0.00 | 14.33 -0.06 0.00 | 13.86 -0.07 0.00 | 14.26 -0.09 0.00 | 15.48 -0.02 0.00 | 19.49 -0.14 0.00 | 19.74 -0.53 0.00 | 20.67 -0.23 0.00 | 19.83 -0.14 0.00 | 19.70 -0.32 0.00 | 19.38 -0.60 0.00 | 19.37 -0.70 0.00 | 19.91 -0.96 0.00 | 20.91 -0.94 0.00 | 22.57 -1.14 0.00 | 25.50 -1.12 0.00 | 30.70 -1.48 0.00 | 30.31 -1.13 0.00 | 28.36 -0.88 0.00 | 26.74 -0.88 0.00 | 24.04 -0.49 0.00 | 20.64 -0.57 0.00 | 19.76 -0.12 0.00 |
| BETHLHEM_115KV_TB1 79974 | 17.72 0.24 0.00 | 16.04 0.28 0.00 | 14.69 0.30 0.00 | 14.22 0.29 0.00 | 14.61 0.26 0.00 | 15.73 0.23 0.00 | 19.95 0.31 0.00 | 20.67 0.41 0.00 | 21.24 0.33 0.00 | 20.25 0.28 0.00 | 20.38 0.36 0.00 | 20.44 0.46 0.00 | 20.57 0.50 0.00 | 21.44 0.56 0.00 | 22.38 0.52 0.00 | 24.23 0.59 0.06 | 27.02 0.67 0.26 | 32.56 0.74 0.36 | 31.89 0.66 0.21 | 29.82 0.58 0.00 | 28.09 0.47 0.00 | 24.95 0.42 0.00 | 21.67 0.47 0.00 | 20.14 0.26 0.00 |
| BETHPAGE_CC_5 323564 | 18.84 1.36 0.00 | 16.84 1.09 0.00 | 15.24 0.85 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.39 0.90 0.00 | 20.91 1.28 0.00 | 21.85 1.58 0.00 | 22.55 1.65 0.00 | 21.73 1.76 0.00 | 24.42 1.80 -2.60 | 27.37 1.88 -5.51 | 28.33 1.95 -6.32 | 28.60 2.13 -5.59 | 31.44 2.27 -7.31 | 33.90 2.47 -7.74 | 44.03 2.88 -14.54 | 48.91 3.32 -13.41 | 57.87 3.08 -23.35 | 33.85 2.72 -1.90 | 36.88 2.46 -6.80 | 29.09 2.08 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 17.48 0.00 0.00 | 15.68 -0.08 0.00 | 14.36 -0.03 0.00 | 13.89 -0.04 0.00 | 14.29 -0.06 0.00 | 15.51 0.02 0.00 | 19.53 -0.10 0.00 | 19.80 -0.47 0.00 | 20.74 -0.17 0.00 | 19.89 -0.08 0.00 | 19.76 -0.26 0.00 | 19.44 -0.54 0.00 | 19.43 -0.64 0.00 | 19.98 -0.90 0.00 | 21.00 -0.85 0.00 | 22.66 -1.04 0.00 | 25.58 -1.04 0.00 | 30.80 -1.38 0.00 | 30.40 -1.04 0.00 | 28.44 -0.79 0.00 | 26.85 -0.77 0.00 | 24.12 -0.42 0.00 | 20.70 -0.51 0.00 | 19.82 -0.06 0.00 |
| BINGHAMTON___COGEN 23790 | 17.62 0.14 0.00 | 15.88 0.13 0.00 | 14.49 0.10 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.65 0.15 0.00 | 19.77 0.14 0.00 | 20.37 0.10 0.00 | 21.09 0.19 0.00 | 20.15 0.18 0.00 | 20.18 0.16 0.00 | 20.06 0.08 0.00 | 20.17 0.10 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.82 0.12 0.00 | 26.77 0.16 0.00 | 32.34 0.16 0.00 | 31.66 0.22 0.00 | 29.50 0.26 0.00 | 27.84 0.22 0.00 | 24.80 0.27 0.00 | 21.38 0.17 0.00 | 20.14 0.26 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 17.46 -0.02 0.00 | 15.73 -0.03 0.00 | 14.39 0.00 0.00 | 13.92 -0.01 0.00 | 14.33 -0.01 0.00 | 15.57 0.08 0.00 | 19.63 0.00 0.00 | 19.94 -0.32 0.00 | 20.84 -0.06 0.00 | 20.01 0.04 0.00 | 19.84 -0.18 0.00 | 19.50 -0.48 0.00 | 19.47 -0.60 0.00 | 20.00 -0.88 0.00 | 20.96 -0.90 0.00 | 22.61 -1.09 0.00 | 25.47 -1.14 0.00 | 30.73 -1.45 0.00 | 30.40 -1.04 0.00 | 28.44 -0.79 0.00 | 26.91 -0.72 0.00 | 24.21 -0.32 0.00 | 20.76 -0.45 0.00 | 19.84 -0.04 0.00 |
| BLACK RIVER___HYD 24047 | 17.85 0.37 0.00 | 16.06 0.30 0.00 | 14.62 0.23 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.90 0.40 0.00 | 20.22 0.59 0.00 | 20.87 0.61 0.00 | 21.45 0.54 0.00 | 20.41 0.44 0.00 | 20.30 0.28 0.00 | 20.20 0.22 0.00 | 20.25 0.18 0.00 | 20.87 0.00 0.00 | 21.75 -0.11 0.00 | 23.66 -0.05 0.00 | 26.46 -0.16 0.00 | 32.25 0.06 0.00 | 31.69 0.25 0.00 | 29.82 0.58 0.00 | 28.53 0.91 0.00 | 25.37 0.83 0.00 | 21.87 0.66 0.00 | 20.46 0.58 0.00 |

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| BLACKRVR_115KV_TB2 79977 | 17.85 0.37 0.00 | 16.06 0.30 0.00 | 14.62 0.23 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.88 0.39 0.00 | 20.22 0.59 0.00 | 20.87 0.61 0.00 | 21.45 0.54 0.00 | 20.41 0.44 0.00 | 20.30 0.28 0.00 | 20.20 0.22 0.00 | 20.25 0.18 0.00 | 20.85 -0.02 0.00 | 21.77 -0.09 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.76 0.31 0.00 | 29.82 0.58 0.00 | 28.56 0.94 0.00 | 25.39 0.86 0.00 | 21.84 0.64 0.00 | 20.46 0.58 0.00 |
| BLISS_WT_PWR 323608 | 17.43 -0.05 0.00 | 15.69 -0.06 0.00 | 14.37 -0.01 0.00 | 13.90 -0.03 0.00 | 14.32 -0.03 0.00 | 15.59 0.09 0.00 | 19.59 -0.04 0.00 | 19.94 -0.33 0.00 | 20.84 -0.06 0.00 | 19.99 0.02 0.00 | 19.80 -0.22 0.00 | 19.46 -0.52 0.00 | 19.39 -0.68 0.00 | 20.08 -0.79 0.00 | 20.98 -0.87 0.00 | 22.57 -1.14 0.00 | 25.47 -1.14 0.00 | 30.73 -1.45 0.00 | 30.40 -1.04 0.00 | 28.45 -0.79 0.00 | 26.96 -0.66 0.00 | 24.21 -0.32 0.00 | 20.78 -0.42 0.00 | 19.82 -0.06 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 17.97 0.49 0.00 | 16.23 0.47 0.00 | 14.85 0.46 0.00 | 14.38 0.45 0.00 | 14.76 0.42 0.00 | 15.91 0.42 0.00 | 20.18 0.55 0.00 | 20.91 0.65 0.00 | 21.51 0.61 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.65 0.77 0.00 | 22.58 0.72 0.00 | 24.46 0.81 0.05 | 27.33 0.90 0.19 | 32.95 1.03 0.26 | 32.26 0.97 0.15 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.27 0.74 0.00 | 21.93 0.72 0.00 | 20.42 0.54 0.00 |
| BOC_GAS_DRP 24189 | 17.83 0.35 0.00 | 16.12 0.36 0.00 | 14.75 0.36 0.00 | 14.26 0.33 0.00 | 14.66 0.32 0.00 | 15.80 0.31 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.38 0.48 0.00 | 20.41 0.44 0.00 | 20.50 0.48 0.00 | 20.54 0.56 0.00 | 20.67 0.60 0.00 | 21.56 0.69 0.00 | 22.53 0.68 0.00 | 24.42 0.76 0.05 | 27.28 0.85 0.19 | 32.89 0.97 0.26 | 32.14 0.85 0.15 | 29.99 0.76 0.00 | 28.29 0.66 0.00 | 25.10 0.56 0.00 | 21.78 0.57 0.00 | 20.28 0.40 0.00 |
| BOONVILLE_115KV_TB1 79983 | 17.78 0.30 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.63 0.29 0.00 | 15.85 0.36 0.00 | 20.14 0.51 0.00 | 20.75 0.49 0.00 | 21.36 0.46 0.00 | 20.39 0.42 0.00 | 20.36 0.34 0.00 | 20.28 0.30 0.00 | 20.33 0.26 0.00 | 20.98 0.10 0.00 | 21.99 0.13 0.00 | 23.89 0.19 0.00 | 26.80 0.19 0.00 | 32.54 0.35 0.00 | 31.88 0.44 0.00 | 29.76 0.53 0.00 | 28.34 0.72 0.00 | 25.17 0.64 0.00 | 21.70 0.49 0.00 | 20.32 0.44 0.00 |
| BORALEX_4TH_BRANCH 23824 | 18.18 0.70 0.00 | 16.45 0.69 0.00 | 15.02 0.63 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.13 0.64 0.00 | 20.49 0.86 0.00 | 21.24 0.97 0.00 | 21.82 0.92 0.00 | 20.79 0.82 0.00 | 20.88 0.86 0.00 | 20.96 0.98 0.00 | 20.99 0.92 0.00 | 21.94 1.06 0.00 | 23.01 1.16 0.00 | 24.82 1.28 0.17 | 27.41 1.46 0.67 | 32.91 1.67 0.94 | 32.44 1.54 0.54 | 30.69 1.46 0.00 | 28.89 1.27 0.00 | 25.66 1.13 0.00 | 22.18 0.98 0.00 | 20.64 0.76 0.00 |
| BOWLINE___1 23526 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 14.99 0.60 0.00 | 14.50 0.57 0.00 | 14.92 0.57 0.00 | 16.10 0.60 0.00 | 20.40 0.76 0.00 | 21.32 1.05 0.00 | 21.99 1.09 0.00 | 21.07 1.10 0.00 | 21.20 1.18 0.00 | 21.26 1.28 0.00 | 21.39 1.32 0.00 | 22.34 1.46 0.00 | 23.47 1.62 0.00 | 25.55 1.78 -0.07 | 28.92 2.02 -0.29 | 34.87 2.29 -0.40 | 33.75 2.07 -0.23 | 30.99 1.75 0.00 | 29.17 1.55 0.00 | 25.83 1.30 0.00 | 22.25 1.04 0.00 | 20.70 0.82 0.00 |
| BOWLINE___2 23595 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 14.99 0.60 0.00 | 14.50 0.57 0.00 | 14.92 0.57 0.00 | 16.10 0.60 0.00 | 20.40 0.76 0.00 | 21.32 1.05 0.00 | 21.99 1.09 0.00 | 21.07 1.10 0.00 | 21.20 1.18 0.00 | 21.26 1.28 0.00 | 21.39 1.32 0.00 | 22.34 1.46 0.00 | 23.47 1.62 0.00 | 25.55 1.78 -0.07 | 28.92 2.02 -0.29 | 34.87 2.29 -0.40 | 33.75 2.07 -0.23 | 30.99 1.75 0.00 | 29.17 1.55 0.00 | 25.83 1.30 0.00 | 22.25 1.04 0.00 | 20.70 0.82 0.00 |
| BRADY___115KV_TB2 356060 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.53 0.14 0.00 | 14.07 0.14 0.00 | 14.56 0.22 0.00 | 15.71 0.22 0.00 | 19.97 0.33 0.00 | 20.65 0.39 0.00 | 21.22 0.31 0.00 | 20.31 0.34 0.00 | 20.30 0.28 0.00 | 20.20 0.22 0.00 | 20.27 0.20 0.00 | 21.02 0.15 0.00 | 21.99 0.13 0.00 | 23.77 0.07 0.00 | 26.51 -0.11 0.00 | 32.18 0.00 0.00 | 31.53 0.09 0.00 | 29.41 0.18 0.00 | 28.01 0.39 0.00 | 24.83 0.29 0.00 | 21.44 0.23 0.00 | 20.02 0.14 0.00 |
| BRANSCOMB___SOLAR 323811 | 18.48 1.00 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.69 0.77 0.00 | 15.11 0.76 0.00 | 16.31 0.82 0.00 | 20.75 1.12 0.00 | 21.50 1.24 0.00 | 22.07 1.17 0.00 | 21.03 1.06 0.00 | 21.10 1.08 0.00 | 21.12 1.14 0.00 | 21.13 1.06 0.00 | 22.04 1.17 0.00 | 23.06 1.20 0.00 | 24.97 1.35 0.09 | 27.85 1.60 0.36 | 33.64 1.96 0.50 | 33.13 1.98 0.29 | 31.16 1.93 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.54 1.34 0.00 | 20.96 1.07 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 19.05 1.57 0.00 | 17.00 1.24 0.00 | 15.35 0.96 0.00 | 14.83 0.91 0.00 | 15.28 0.93 0.00 | 16.53 1.04 0.00 | 21.08 1.45 0.00 | 22.01 1.74 0.00 | 22.72 1.82 0.00 | 21.89 1.92 0.00 | 24.56 1.94 -2.60 | 27.57 2.08 -5.51 | 28.55 2.17 -6.32 | 28.85 2.38 -5.59 | 31.61 2.45 -7.31 | 34.21 2.77 -7.74 | 44.22 3.06 -14.54 | 48.91 3.31 -13.41 | 57.87 3.08 -23.35 | 34.06 2.92 -1.90 | 37.18 2.76 -6.80 | 29.34 2.33 -2.47 | 23.24 2.01 -0.02 | 21.53 1.65 0.00 |
| BRISTLHL_115KV_TB1 79998 | 17.30 -0.17 0.00 | 15.57 -0.19 0.00 | 14.22 -0.17 0.00 | 13.76 -0.17 0.00 | 14.18 -0.17 0.00 | 15.34 -0.15 0.00 | 19.42 -0.22 0.00 | 19.90 -0.36 0.00 | 20.57 -0.33 0.00 | 19.63 -0.34 0.00 | 19.68 -0.34 0.00 | 19.62 -0.36 0.00 | 19.69 -0.38 0.00 | 20.42 -0.46 0.00 | 21.40 -0.46 0.00 | 23.21 -0.50 0.00 | 26.06 -0.56 0.00 | 31.54 -0.64 0.00 | 30.87 -0.57 0.00 | 28.80 -0.44 0.00 | 27.21 -0.41 0.00 | 24.21 -0.32 0.00 | 20.89 -0.32 0.00 | 19.72 -0.16 0.00 |
| BROOKHAVEN___DRP 24191 | 18.98 1.50 0.00 | 16.94 1.18 0.00 | 15.30 0.91 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.47 0.98 0.00 | 21.01 1.37 0.00 | 21.78 1.52 0.00 | 22.43 1.53 0.00 | 21.63 1.66 0.00 | 24.32 1.70 -2.60 | 27.33 1.84 -5.51 | 28.33 1.95 -6.32 | 28.60 2.13 -5.59 | 31.31 2.14 -7.31 | 33.88 2.44 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.78 2.99 -23.35 | 33.79 2.66 -1.90 | 36.82 2.40 -6.80 | 29.00 1.99 -2.47 | 22.97 1.74 -0.02 | 21.29 1.41 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 18.39 0.91 0.00 | 16.58 0.82 0.00 | 15.12 0.73 0.00 | 14.64 0.71 0.00 | 15.05 0.70 0.00 | 16.24 0.74 0.00 | 20.56 0.92 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.71 1.36 -0.38 | 22.45 1.40 -1.03 | 24.32 1.50 -2.84 | 24.34 1.55 -2.72 | 24.97 1.69 -2.41 | 25.72 1.84 -2.03 | 27.16 2.01 -1.45 | 30.30 2.29 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.34 2.11 0.00 | 29.47 1.85 0.00 | 26.10 1.57 0.00 | 22.52 1.32 0.00 | 20.92 1.03 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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| BROOKVLE_69_KV_TB1 55790 | 18.70 1.22 0.00 | 16.78 1.02 0.00 | 15.24 0.85 0.00 | 14.72 0.79 0.00 | 15.15 0.80 0.00 | 16.38 0.88 0.00 | 20.83 1.20 0.00 | 21.78 1.52 0.00 | 22.49 1.59 0.00 | 21.63 1.66 0.00 | 24.36 1.74 -2.60 | 27.33 1.84 -5.51 | 28.27 1.89 -6.32 | 28.53 2.07 -5.59 | 31.33 2.16 -7.31 | 33.81 2.37 -7.74 | 43.79 2.63 -14.54 | 48.65 3.06 -13.41 | 57.59 2.80 -23.35 | 33.50 2.37 -1.90 | 36.57 2.15 -6.80 | 28.95 1.94 -2.47 | 22.90 1.68 -0.02 | 21.24 1.35 0.00 |
| BROOME_2_LFGE 323671 | 17.62 0.14 0.00 | 15.88 0.13 0.00 | 14.50 0.11 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.65 0.15 0.00 | 19.77 0.14 0.00 | 20.37 0.10 0.00 | 21.09 0.19 0.00 | 20.15 0.18 0.00 | 20.18 0.16 0.00 | 20.08 0.10 0.00 | 20.17 0.10 0.00 | 20.98 0.10 0.00 | 21.99 0.13 0.00 | 23.85 0.14 0.00 | 26.80 0.19 0.00 | 32.41 0.23 0.00 | 31.72 0.28 0.00 | 29.50 0.26 0.00 | 27.87 0.25 0.00 | 24.83 0.30 0.00 | 21.40 0.19 0.00 | 20.14 0.26 0.00 |
| BROOME__LFGE 323600 | 17.62 0.14 0.00 | 15.88 0.13 0.00 | 14.50 0.11 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.65 0.15 0.00 | 19.77 0.14 0.00 | 20.37 0.10 0.00 | 21.09 0.19 0.00 | 20.15 0.18 0.00 | 20.18 0.16 0.00 | 20.08 0.10 0.00 | 20.17 0.10 0.00 | 20.98 0.10 0.00 | 21.99 0.13 0.00 | 23.85 0.14 0.00 | 26.80 0.19 0.00 | 32.41 0.23 0.00 | 31.72 0.28 0.00 | 29.50 0.26 0.00 | 27.87 0.25 0.00 | 24.83 0.30 0.00 | 21.40 0.19 0.00 | 20.14 0.26 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.79 -0.07 0.00 | 23.58 -0.12 0.00 | 26.24 -0.37 0.00 | 31.96 -0.23 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 18.55 1.07 0.00 | 16.70 0.95 0.00 | 15.25 0.86 0.00 | 14.75 0.82 0.00 | 15.18 0.83 0.00 | 16.38 0.88 0.00 | 20.71 1.08 0.00 | 21.72 1.46 0.00 | 22.43 1.53 0.00 | 21.91 1.56 -0.38 | 22.69 1.64 -1.03 | 24.56 1.74 -2.84 | 24.56 1.77 -2.72 | 25.22 1.94 -2.41 | 25.92 2.03 -2.03 | 27.38 2.23 -1.45 | 30.54 2.53 -1.40 | 36.53 2.93 -1.42 | 34.37 2.64 -0.29 | 31.48 2.25 0.00 | 29.67 2.04 0.00 | 26.30 1.77 0.00 | 22.73 1.53 0.00 | 21.10 1.21 0.00 |
| BURROWS__LYONSDAL 23803 | 17.78 0.30 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.14 0.51 0.00 | 20.77 0.51 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.32 0.30 0.00 | 20.22 0.24 0.00 | 20.27 0.20 0.00 | 20.92 0.04 0.00 | 21.90 0.04 0.00 | 23.80 0.09 0.00 | 26.67 0.05 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.70 0.47 0.00 | 28.37 0.75 0.00 | 25.17 0.64 0.00 | 21.72 0.51 0.00 | 20.32 0.44 0.00 |
| CAITHNESS_CC_1 323624 | 18.96 1.48 0.00 | 16.92 1.17 0.00 | 15.27 0.88 0.00 | 14.75 0.82 0.00 | 15.19 0.85 0.00 | 16.44 0.95 0.00 | 20.97 1.34 0.00 | 21.78 1.52 0.00 | 22.45 1.55 0.00 | 21.63 1.66 0.00 | 24.32 1.70 -2.60 | 27.33 1.84 -5.51 | 28.33 1.95 -6.32 | 28.60 2.13 -5.59 | 31.35 2.19 -7.31 | 33.86 2.42 -7.74 | 44.06 2.90 -14.54 | 48.87 3.28 -13.41 | 57.90 3.11 -23.35 | 33.94 2.81 -1.90 | 36.91 2.49 -6.80 | 29.04 2.04 -2.47 | 22.97 1.74 -0.02 | 21.29 1.41 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 18.83 1.35 0.00 | 16.84 1.09 0.00 | 15.25 0.86 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.41 0.91 0.00 | 20.91 1.28 0.00 | 21.84 1.58 0.00 | 22.55 1.65 0.00 | 21.71 1.74 0.00 | 24.42 1.80 -2.60 | 27.37 1.88 -5.51 | 28.29 1.91 -6.32 | 28.58 2.11 -5.59 | 31.35 2.19 -7.31 | 33.79 2.35 -7.74 | 43.84 2.69 -14.54 | 48.68 3.09 -13.41 | 57.62 2.83 -23.35 | 33.59 2.46 -1.90 | 36.66 2.24 -6.80 | 29.00 1.99 -2.47 | 23.03 1.80 -0.02 | 21.35 1.47 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 18.83 1.35 0.00 | 16.84 1.09 0.00 | 15.24 0.85 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.39 0.90 0.00 | 20.91 1.28 0.00 | 21.82 1.56 0.00 | 22.55 1.65 0.00 | 21.71 1.74 0.00 | 24.42 1.80 -2.60 | 27.35 1.86 -5.51 | 28.29 1.91 -6.32 | 28.58 2.11 -5.59 | 31.39 2.23 -7.31 | 33.81 2.37 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.78 2.99 -23.35 | 33.73 2.60 -1.90 | 36.77 2.35 -6.80 | 29.07 2.06 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| CALPINE_BP_GT1 23823 | 18.83 1.35 0.00 | 16.84 1.09 0.00 | 15.24 0.85 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.39 0.90 0.00 | 20.91 1.28 0.00 | 21.82 1.56 0.00 | 22.55 1.65 0.00 | 21.71 1.74 0.00 | 24.42 1.80 -2.60 | 27.35 1.86 -5.51 | 28.29 1.91 -6.32 | 28.58 2.11 -5.59 | 31.39 2.23 -7.31 | 33.81 2.37 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.78 2.99 -23.35 | 33.73 2.60 -1.90 | 36.77 2.35 -6.80 | 29.07 2.06 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| CALSPAN__DRP 24200 | 17.44 -0.03 0.00 | 15.65 -0.11 0.00 | 14.33 -0.06 0.00 | 13.86 -0.07 0.00 | 14.26 -0.09 0.00 | 15.48 -0.02 0.00 | 19.49 -0.14 0.00 | 19.74 -0.53 0.00 | 20.67 -0.23 0.00 | 19.83 -0.14 0.00 | 19.70 -0.32 0.00 | 19.38 -0.60 0.00 | 19.37 -0.70 0.00 | 19.91 -0.96 0.00 | 20.91 -0.94 0.00 | 22.57 -1.14 0.00 | 25.50 -1.12 0.00 | 30.70 -1.48 0.00 | 30.31 -1.13 0.00 | 28.36 -0.88 0.00 | 26.74 -0.88 0.00 | 24.04 -0.49 0.00 | 20.64 -0.57 0.00 | 19.76 -0.12 0.00 |
| CALVERTON__SOLAR 323806 | 19.03 1.56 0.00 | 16.99 1.23 0.00 | 15.32 0.93 0.00 | 14.81 0.88 0.00 | 15.25 0.90 0.00 | 16.50 1.01 0.00 | 21.06 1.43 0.00 | 21.80 1.54 0.00 | 22.45 1.55 0.00 | 21.65 1.68 0.00 | 24.34 1.72 -2.60 | 27.35 1.86 -5.51 | 28.37 1.99 -6.32 | 28.64 2.17 -5.59 | 31.39 2.23 -7.31 | 33.90 2.47 -7.74 | 44.14 2.98 -14.54 | 49.00 3.41 -13.41 | 58.03 3.24 -23.35 | 34.03 2.89 -1.90 | 37.01 2.60 -6.80 | 29.12 2.11 -2.47 | 23.03 1.80 -0.02 | 21.32 1.43 0.00 |
| CANDIGU_WT_PWR 323617 | 17.57 0.09 0.00 | 15.79 0.03 0.00 | 14.45 0.06 0.00 | 14.00 0.07 0.00 | 14.40 0.06 0.00 | 15.65 0.15 0.00 | 19.69 0.06 0.00 | 20.18 -0.08 0.00 | 21.01 0.11 0.00 | 20.07 0.10 0.00 | 20.00 -0.02 0.00 | 19.78 -0.20 0.00 | 19.79 -0.28 0.00 | 20.48 -0.40 0.00 | 21.44 -0.42 0.00 | 23.16 -0.54 0.00 | 26.11 -0.51 0.00 | 31.57 -0.61 0.00 | 31.06 -0.38 0.00 | 29.00 -0.23 0.00 | 27.49 -0.14 0.00 | 24.56 0.02 0.00 | 21.12 -0.08 0.00 | 20.04 0.16 0.00 |
| CARR STREET_E_SYR 24060 | 17.36 -0.12 0.00 | 15.63 -0.13 0.00 | 14.27 -0.12 0.00 | 13.82 -0.11 0.00 | 14.23 -0.12 0.00 | 15.40 -0.09 0.00 | 19.50 -0.14 0.00 | 20.00 -0.26 0.00 | 20.69 -0.21 0.00 | 19.75 -0.22 0.00 | 19.80 -0.22 0.00 | 19.74 -0.24 0.00 | 19.81 -0.26 0.00 | 20.56 -0.31 0.00 | 21.50 -0.35 0.00 | 23.30 -0.40 0.00 | 26.19 -0.43 0.00 | 31.70 -0.48 0.00 | 31.00 -0.44 0.00 | 28.88 -0.35 0.00 | 27.29 -0.33 0.00 | 24.29 -0.25 0.00 | 21.00 -0.21 0.00 | 19.78 -0.10 0.00 |
| CARTHAGE__PAPER 23857 | 17.81 0.33 0.00 | 16.02 0.27 0.00 | 14.61 0.22 0.00 | 14.12 0.19 0.00 | 14.63 0.29 0.00 | 15.86 0.37 0.00 | 20.18 0.55 0.00 | 20.85 0.59 0.00 | 21.40 0.50 0.00 | 20.39 0.42 0.00 | 20.26 0.24 0.00 | 20.16 0.18 0.00 | 20.19 0.12 0.00 | 20.83 -0.04 0.00 | 21.70 -0.15 0.00 | 23.59 -0.12 0.00 | 26.37 -0.24 0.00 | 32.15 -0.03 0.00 | 31.60 0.16 0.00 | 29.67 0.44 0.00 | 28.43 0.80 0.00 | 25.27 0.74 0.00 | 21.78 0.57 0.00 | 20.36 0.48 0.00 |

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| CASSADAGA_WT_PWR 323784 | 17.81 0.33 0.00 | 16.04 0.28 0.00 | 14.71 0.32 0.00 | 14.24 0.31 0.00 | 14.66 0.32 0.00 | 16.00 0.51 0.00 | 20.12 0.49 0.00 | 20.69 0.43 0.00 | 21.65 0.75 0.00 | 20.81 0.84 0.00 | 20.66 0.64 0.00 | 20.32 0.34 0.00 | 20.25 0.18 0.00 | 20.94 0.06 0.00 | 21.83 -0.02 0.00 | 23.51 -0.19 0.00 | 26.51 -0.11 0.00 | 31.83 -0.35 0.00 | 31.50 0.06 0.00 | 29.41 0.18 0.00 | 27.73 0.11 0.00 | 24.83 0.30 0.00 | 21.27 0.06 0.00 | 20.26 0.38 0.00 |
| CE_DUNWOOD___DRP 24194 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.21 0.71 0.00 | 20.52 0.88 0.00 | 21.46 1.20 0.00 | 22.14 1.23 0.00 | 21.23 1.26 0.00 | 21.34 1.32 0.00 | 21.42 1.44 0.00 | 21.53 1.47 0.00 | 22.50 1.63 0.00 | 23.56 1.70 0.00 | 25.65 1.87 -0.08 | 29.05 2.13 -0.31 | 35.02 2.41 -0.43 | 33.86 2.17 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.93 1.40 0.00 | 22.42 1.21 0.00 | 20.84 0.95 0.00 |
| CE_MILLWOOD___DRP 24193 | 18.28 0.80 0.00 | 16.48 0.72 0.00 | 15.05 0.66 0.00 | 14.57 0.64 0.00 | 14.98 0.63 0.00 | 16.16 0.67 0.00 | 20.48 0.84 0.00 | 21.40 1.13 0.00 | 22.07 1.17 0.00 | 21.15 1.18 0.00 | 21.28 1.26 0.00 | 21.36 1.38 0.00 | 21.47 1.40 0.00 | 22.44 1.57 0.00 | 23.49 1.64 0.00 | 25.58 1.80 -0.08 | 28.97 2.05 -0.30 | 34.92 2.32 -0.43 | 33.76 2.08 -0.25 | 30.99 1.75 0.00 | 29.17 1.55 0.00 | 25.86 1.32 0.00 | 22.35 1.15 0.00 | 20.78 0.89 0.00 |
| CE_NYC2_DRP 24202 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.28 0.79 0.00 | 20.52 0.88 0.00 | 21.52 1.26 0.00 | 22.22 1.32 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.33 1.63 -2.64 | 24.98 1.77 -2.33 | 25.70 1.88 -1.97 | 27.17 2.06 -1.41 | 30.32 2.34 -1.36 | 36.21 2.64 -1.39 | 34.15 2.42 -0.29 | 31.25 2.02 0.00 | 29.42 1.80 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |
| CE_NYC_DRP 24195 | 18.44 0.96 0.00 | 16.61 0.85 0.00 | 15.17 0.78 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.26 1.36 0.00 | 21.75 1.40 -0.38 | 22.54 1.48 -1.04 | 24.42 1.58 -2.86 | 24.41 1.61 -2.74 | 25.07 1.77 -2.42 | 25.76 1.86 -2.05 | 27.20 2.04 -1.46 | 30.31 2.29 -1.40 | 36.25 2.64 -1.43 | 34.12 2.39 -0.29 | 31.22 1.99 0.00 | 29.42 1.80 0.00 | 26.08 1.55 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| CHAFFEE___LFGE 323603 | 17.50 0.02 0.00 | 15.71 -0.05 0.00 | 14.40 0.01 0.00 | 13.92 -0.01 0.00 | 14.32 -0.03 0.00 | 15.60 0.11 0.00 | 19.59 -0.04 0.00 | 19.86 -0.41 0.00 | 20.80 -0.10 0.00 | 19.95 -0.02 0.00 | 19.82 -0.20 0.00 | 19.54 -0.44 0.00 | 19.47 -0.60 0.00 | 20.14 -0.73 0.00 | 21.09 -0.77 0.00 | 22.73 -0.97 0.00 | 25.68 -0.93 0.00 | 30.99 -1.19 0.00 | 30.56 -0.88 0.00 | 28.56 -0.67 0.00 | 26.99 -0.63 0.00 | 24.21 -0.32 0.00 | 20.80 -0.40 0.00 | 19.84 -0.04 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 17.69 0.21 0.00 | 15.87 0.11 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.76 0.26 0.00 | 20.04 0.41 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.32 0.30 0.00 | 20.12 0.14 0.00 | 20.13 0.06 0.00 | 21.00 0.13 0.00 | 21.90 0.04 0.00 | 23.63 -0.07 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.69 0.25 0.00 | 29.53 0.29 0.00 | 28.07 0.44 0.00 | 24.75 0.22 0.00 | 21.38 0.17 0.00 | 19.92 0.04 0.00 |
| CHATEAUG_WT_PWR 323614 | 17.69 0.21 0.00 | 15.85 0.10 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.30 0.28 0.00 | 20.10 0.12 0.00 | 20.11 0.04 0.00 | 20.98 0.10 0.00 | 21.90 0.04 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.66 0.22 0.00 | 29.50 0.26 0.00 | 28.04 0.41 0.00 | 24.83 0.30 0.00 | 21.36 0.15 0.00 | 19.90 0.02 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 17.69 0.21 0.00 | 15.87 0.11 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.76 0.26 0.00 | 20.05 0.41 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.32 0.30 0.00 | 20.12 0.14 0.00 | 20.13 0.06 0.00 | 21.00 0.13 0.00 | 21.90 0.04 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.69 0.25 0.00 | 29.53 0.29 0.00 | 28.06 0.44 0.00 | 24.85 0.32 0.00 | 21.38 0.17 0.00 | 19.92 0.04 0.00 |
| CHAUTAUQUA___LFGE 323629 | 17.79 0.31 0.00 | 15.98 0.22 0.00 | 14.65 0.26 0.00 | 14.18 0.25 0.00 | 14.61 0.26 0.00 | 15.91 0.42 0.00 | 19.99 0.35 0.00 | 20.39 0.12 0.00 | 21.34 0.44 0.00 | 20.49 0.52 0.00 | 20.32 0.30 0.00 | 20.04 0.06 0.00 | 20.01 -0.06 0.00 | 20.75 -0.12 0.00 | 21.70 -0.15 0.00 | 23.37 -0.33 0.00 | 26.40 -0.21 0.00 | 31.83 -0.35 0.00 | 31.41 -0.03 0.00 | 29.29 0.06 0.00 | 27.65 0.03 0.00 | 24.75 0.22 0.00 | 21.23 0.02 0.00 | 20.26 0.38 0.00 |
| CHERRYST_13_KV_LD 356241 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.33 0.84 0.00 | 20.65 1.02 0.00 | 21.64 1.38 0.00 | 22.32 1.42 0.00 | 21.83 1.48 -0.38 | 22.62 1.56 -1.04 | 24.50 1.66 -2.86 | 24.49 1.69 -2.74 | 25.13 1.84 -2.42 | 25.82 1.92 -2.05 | 27.27 2.11 -1.46 | 30.41 2.40 -1.40 | 36.35 2.74 -1.43 | 34.22 2.48 -0.29 | 31.31 2.08 0.00 | 29.47 1.85 0.00 | 26.15 1.62 0.00 | 22.61 1.40 0.00 | 21.00 1.11 0.00 |
| CHESTROR_138KV_BK263 355645 | 18.09 0.61 0.00 | 16.29 0.54 0.00 | 14.89 0.50 0.00 | 14.42 0.49 0.00 | 14.82 0.47 0.00 | 16.02 0.53 0.00 | 20.28 0.65 0.00 | 21.18 0.91 0.00 | 21.84 0.94 0.00 | 20.87 0.90 0.00 | 21.00 0.98 0.00 | 21.06 1.08 0.00 | 21.19 1.12 0.00 | 22.11 1.23 0.00 | 23.14 1.29 0.00 | 25.21 1.45 -0.06 | 28.50 1.62 -0.26 | 34.41 1.87 -0.37 | 33.32 1.67 -0.21 | 30.64 1.40 0.00 | 28.84 1.22 0.00 | 25.56 1.03 0.00 | 22.10 0.89 0.00 | 20.58 0.70 0.00 |
| CH_MIDHUDSON___DRP 24192 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.02 0.63 0.00 | 14.53 0.60 0.00 | 14.94 0.59 0.00 | 16.14 0.65 0.00 | 20.46 0.82 0.00 | 21.36 1.09 0.00 | 21.99 1.09 0.00 | 21.01 1.04 0.00 | 21.14 1.12 0.00 | 21.24 1.26 0.00 | 21.33 1.26 0.00 | 22.27 1.40 0.00 | 23.32 1.46 0.00 | 25.37 1.61 -0.05 | 28.67 1.84 -0.21 | 34.60 2.12 -0.30 | 33.53 1.92 -0.17 | 30.87 1.64 0.00 | 29.03 1.41 0.00 | 25.74 1.20 0.00 | 22.23 1.02 0.00 | 20.66 0.78 0.00 |
| CH_MISC_IPPS 23765 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.16 0.67 0.00 | 20.52 0.88 0.00 | 21.40 1.13 0.00 | 22.05 1.15 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.31 1.44 0.00 | 23.45 1.59 0.00 | 25.54 1.78 -0.06 | 28.90 2.05 -0.23 | 34.89 2.38 -0.33 | 33.80 2.17 -0.19 | 31.13 1.90 0.00 | 29.25 1.63 0.00 | 25.86 1.32 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| CH_RES_BVR_FALLS 23983 | 17.36 -0.12 0.00 | 15.65 -0.11 0.00 | 14.27 -0.12 0.00 | 13.82 -0.11 0.00 | 14.25 -0.10 0.00 | 15.39 -0.11 0.00 | 19.50 -0.14 0.00 | 20.16 -0.10 0.00 | 20.80 -0.10 0.00 | 19.87 -0.10 0.00 | 19.88 -0.14 0.00 | 19.78 -0.20 0.00 | 19.83 -0.24 0.00 | 20.62 -0.25 0.00 | 21.57 -0.28 0.00 | 23.39 -0.31 0.00 | 26.24 -0.37 0.00 | 31.80 -0.38 0.00 | 31.10 -0.35 0.00 | 28.82 -0.41 0.00 | 27.29 -0.33 0.00 | 24.26 -0.27 0.00 | 20.98 -0.23 0.00 | 19.65 -0.24 0.00 |

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| CH_RES_NIAGARA 23895 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.87 -0.52 0.00 | 13.41 -0.52 0.00 | 13.79 -0.56 0.00 | 15.01 -0.48 0.00 | 18.81 -0.82 0.00 | 18.97 -1.30 0.00 | 19.88 -1.02 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.64 -1.34 0.00 | 18.54 -1.53 0.00 | 19.20 -1.67 0.00 | 20.11 -1.75 0.00 | 21.64 -2.06 0.00 | 24.43 -2.18 0.00 | 29.41 -2.77 0.00 | 28.99 -2.45 0.00 | 27.13 -2.11 0.00 | 25.66 -1.96 0.00 | 23.06 -1.47 0.00 | 19.87 -1.34 0.00 | 19.05 -0.83 0.00 |
| CH_RES_SYRACUSE 23985 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.49 0.00 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.12 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.65 -0.23 0.00 | 21.61 -0.24 0.00 | 23.42 -0.28 0.00 | 26.32 -0.29 0.00 | 31.86 -0.32 0.00 | 31.19 -0.25 0.00 | 29.06 -0.17 0.00 | 27.46 -0.16 0.00 | 24.44 -0.10 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| CLINTON_WT_PWR 323605 | 17.69 0.21 0.00 | 15.85 0.10 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.30 0.28 0.00 | 20.10 0.12 0.00 | 20.11 0.04 0.00 | 20.98 0.10 0.00 | 21.90 0.04 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.66 0.22 0.00 | 29.50 0.26 0.00 | 28.04 0.41 0.00 | 24.83 0.30 0.00 | 21.36 0.15 0.00 | 19.90 0.02 0.00 |
| CLINTON___LFGE 323618 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.71 0.36 0.00 | 15.86 0.37 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.55 0.65 0.00 | 20.65 0.68 0.00 | 20.50 0.48 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.92 0.21 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.04 0.60 0.00 | 29.85 0.61 0.00 | 28.37 0.75 0.00 | 25.07 0.54 0.00 | 21.55 0.34 0.00 | 20.06 0.18 0.00 |
| COBBLENY_34_KV_TB1 80064 | 17.50 0.02 0.00 | 15.71 -0.05 0.00 | 14.39 0.00 0.00 | 13.92 -0.01 0.00 | 14.32 -0.03 0.00 | 15.54 0.05 0.00 | 19.59 -0.04 0.00 | 19.86 -0.41 0.00 | 20.78 -0.13 0.00 | 19.95 -0.02 0.00 | 19.82 -0.20 0.00 | 19.48 -0.50 0.00 | 19.47 -0.60 0.00 | 20.00 -0.88 0.00 | 21.02 -0.83 0.00 | 22.68 -1.02 0.00 | 25.60 -1.01 0.00 | 30.86 -1.32 0.00 | 30.50 -0.94 0.00 | 28.53 -0.70 0.00 | 26.91 -0.72 0.00 | 24.19 -0.34 0.00 | 20.74 -0.47 0.00 | 19.84 -0.04 0.00 |
| COFFEEN___115KV_TB3 355620 | 17.92 0.44 0.00 | 16.13 0.38 0.00 | 14.68 0.29 0.00 | 14.21 0.28 0.00 | 14.73 0.39 0.00 | 15.97 0.48 0.00 | 20.34 0.71 0.00 | 20.99 0.73 0.00 | 21.57 0.67 0.00 | 20.51 0.54 0.00 | 20.40 0.38 0.00 | 20.30 0.32 0.00 | 20.35 0.28 0.00 | 20.94 0.06 0.00 | 21.83 -0.02 0.00 | 23.77 0.07 0.00 | 26.59 -0.03 0.00 | 32.41 0.23 0.00 | 31.91 0.47 0.00 | 30.02 0.79 0.00 | 28.76 1.13 0.00 | 25.56 1.03 0.00 | 21.99 0.78 0.00 | 20.58 0.70 0.00 |
| COLDSPRG_115KV_BK1 355956 | 17.88 0.40 0.00 | 16.07 0.32 0.00 | 14.72 0.33 0.00 | 14.24 0.31 0.00 | 14.66 0.32 0.00 | 15.99 0.50 0.00 | 20.14 0.51 0.00 | 20.77 0.51 0.00 | 21.72 0.82 0.00 | 20.87 0.90 0.00 | 20.74 0.72 0.00 | 20.38 0.40 0.00 | 20.41 0.34 0.00 | 20.96 0.08 0.00 | 21.92 0.07 0.00 | 23.68 -0.02 0.00 | 26.59 -0.03 0.00 | 31.86 -0.32 0.00 | 31.53 0.09 0.00 | 29.44 0.20 0.00 | 27.71 0.08 0.00 | 24.88 0.34 0.00 | 21.31 0.11 0.00 | 20.36 0.48 0.00 |
| COLONIE_LFGE___ 323577 | 18.13 0.65 0.00 | 16.36 0.60 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.88 0.53 0.00 | 16.04 0.54 0.00 | 20.38 0.75 0.00 | 21.11 0.85 0.00 | 21.72 0.81 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.84 0.86 0.00 | 20.91 0.84 0.00 | 21.81 0.94 0.00 | 22.86 1.01 0.00 | 24.74 1.14 0.10 | 27.48 1.28 0.41 | 33.08 1.48 0.58 | 32.52 1.42 0.33 | 30.58 1.35 0.00 | 28.84 1.21 0.00 | 25.59 1.05 0.00 | 22.12 0.91 0.00 | 20.58 0.70 0.00 |
| COOPERNY_115KV_TB1 80082 | 17.92 0.44 0.00 | 16.17 0.41 0.00 | 14.76 0.37 0.00 | 14.29 0.36 0.00 | 14.71 0.36 0.00 | 15.88 0.39 0.00 | 20.12 0.49 0.00 | 20.93 0.67 0.00 | 21.59 0.69 0.00 | 20.65 0.68 0.00 | 20.76 0.74 0.00 | 20.80 0.82 0.00 | 20.91 0.84 0.00 | 21.79 0.92 0.00 | 22.82 0.96 0.00 | 24.81 1.07 -0.04 | 28.01 1.22 -0.17 | 33.81 1.38 -0.24 | 32.81 1.23 -0.14 | 30.29 1.05 0.00 | 28.54 0.91 0.00 | 25.32 0.79 0.00 | 21.89 0.68 0.00 | 20.42 0.54 0.00 |
| COPENHAGEN_WT_PWR 323753 | 17.78 0.30 0.00 | 15.99 0.24 0.00 | 14.56 0.17 0.00 | 14.10 0.17 0.00 | 14.61 0.26 0.00 | 15.82 0.33 0.00 | 20.12 0.49 0.00 | 20.77 0.51 0.00 | 21.34 0.44 0.00 | 20.31 0.34 0.00 | 20.22 0.20 0.00 | 20.14 0.16 0.00 | 20.17 0.10 0.00 | 20.81 -0.06 0.00 | 21.70 -0.15 0.00 | 23.61 -0.09 0.00 | 26.40 -0.21 0.00 | 32.15 -0.03 0.00 | 31.60 0.16 0.00 | 29.67 0.44 0.00 | 28.37 0.75 0.00 | 25.25 0.71 0.00 | 21.76 0.55 0.00 | 20.38 0.50 0.00 |
| CORNELL___ 23752 | 17.79 0.31 0.00 | 16.02 0.27 0.00 | 14.62 0.23 0.00 | 14.17 0.24 0.00 | 14.59 0.24 0.00 | 15.80 0.31 0.00 | 20.01 0.37 0.00 | 20.57 0.30 0.00 | 21.24 0.33 0.00 | 20.25 0.28 0.00 | 20.30 0.28 0.00 | 20.16 0.18 0.00 | 20.23 0.16 0.00 | 20.96 0.08 0.00 | 21.94 0.09 0.00 | 23.82 0.12 0.00 | 26.80 0.19 0.00 | 32.50 0.32 0.00 | 31.88 0.44 0.00 | 29.76 0.53 0.00 | 28.15 0.52 0.00 | 25.05 0.52 0.00 | 21.57 0.36 0.00 | 20.30 0.42 0.00 |
| CORONA_AV_69_KV_TB1 355595 | 18.72 1.24 0.00 | 16.80 1.04 0.00 | 15.22 0.83 0.00 | 14.72 0.79 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.83 1.20 0.00 | 21.74 1.48 0.00 | 22.45 1.55 0.00 | 21.61 1.64 0.00 | 24.34 1.72 -2.60 | 27.29 1.80 -5.51 | 28.21 1.83 -6.32 | 28.45 1.98 -5.59 | 31.22 2.05 -7.31 | 33.74 2.30 -7.73 | 43.71 2.55 -14.54 | 48.58 2.99 -13.41 | 57.53 2.74 -23.35 | 33.53 2.40 -1.90 | 36.60 2.18 -6.79 | 28.85 1.84 -2.47 | 22.92 1.70 -0.02 | 21.24 1.35 0.00 |
| CORTLAND_115KV_TB3 80093 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.49 0.14 0.00 | 15.68 0.19 0.00 | 19.85 0.22 0.00 | 20.43 0.16 0.00 | 21.11 0.21 0.00 | 20.15 0.18 0.00 | 20.20 0.18 0.00 | 20.10 0.12 0.00 | 20.17 0.10 0.00 | 20.92 0.04 0.00 | 21.92 0.07 0.00 | 23.77 0.07 0.00 | 26.72 0.11 0.00 | 32.37 0.19 0.00 | 31.69 0.25 0.00 | 29.56 0.32 0.00 | 27.93 0.30 0.00 | 24.85 0.32 0.00 | 21.42 0.21 0.00 | 20.16 0.28 0.00 |
| COXSACKIE___GT 23611 | 18.23 0.75 0.00 | 16.29 0.54 0.00 | 15.02 0.63 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.22 0.73 0.00 | 20.67 1.04 0.00 | 21.50 1.24 0.00 | 22.01 1.11 0.00 | 20.73 0.76 0.00 | 20.78 0.76 0.00 | 20.88 0.90 0.00 | 21.01 0.94 0.00 | 21.94 1.06 0.00 | 22.97 1.11 0.00 | 24.95 1.28 0.03 | 28.08 1.60 0.13 | 34.03 2.03 0.18 | 33.35 2.01 0.10 | 31.05 1.81 0.00 | 29.20 1.57 0.00 | 25.81 1.27 0.00 | 22.21 1.00 0.00 | 20.62 0.74 0.00 |
| CPV_VALLEY___CC1 323721 | 17.97 0.49 0.00 | 16.21 0.46 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.73 0.39 0.00 | 15.91 0.42 0.00 | 20.16 0.53 0.00 | 21.01 0.75 0.00 | 21.68 0.77 0.00 | 20.75 0.78 0.00 | 20.86 0.84 0.00 | 20.90 0.92 0.00 | 21.03 0.96 0.00 | 21.94 1.06 0.00 | 23.03 1.18 0.00 | 25.06 1.30 -0.06 | 28.33 1.49 -0.23 | 34.17 1.67 -0.32 | 33.13 1.51 -0.19 | 30.49 1.26 0.00 | 28.73 1.11 0.00 | 25.44 0.91 0.00 | 21.95 0.74 0.00 | 20.44 0.56 0.00 |

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| CPV_VALLEY___CC2 323722 | 17.97 0.49 0.00 | 16.21 0.46 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.73 0.39 0.00 | 15.91 0.42 0.00 | 20.16 0.53 0.00 | 21.01 0.75 0.00 | 21.68 0.77 0.00 | 20.75 0.78 0.00 | 20.86 0.84 0.00 | 20.90 0.92 0.00 | 21.03 0.96 0.00 | 21.94 1.06 0.00 | 23.03 1.18 0.00 | 25.06 1.30 -0.06 | 28.33 1.49 -0.23 | 34.17 1.67 -0.32 | 33.13 1.51 -0.19 | 30.49 1.26 0.00 | 28.73 1.11 0.00 | 25.44 0.91 0.00 | 21.95 0.74 0.00 | 20.44 0.56 0.00 |
| CRESCENT___HYD 24018 | 18.13 0.65 0.00 | 16.36 0.60 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.88 0.53 0.00 | 16.04 0.54 0.00 | 20.38 0.75 0.00 | 21.11 0.85 0.00 | 21.72 0.81 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.84 0.86 0.00 | 20.91 0.84 0.00 | 21.81 0.94 0.00 | 22.86 1.01 0.00 | 24.74 1.14 0.10 | 27.48 1.28 0.41 | 33.08 1.48 0.58 | 32.52 1.42 0.33 | 30.58 1.35 0.00 | 28.84 1.21 0.00 | 25.59 1.05 0.00 | 22.12 0.91 0.00 | 20.58 0.70 0.00 |
| CRICKET___VALLEY_CC1 323756 | 18.09 0.61 0.00 | 16.32 0.57 0.00 | 14.91 0.52 0.00 | 14.43 0.50 0.00 | 14.84 0.49 0.00 | 16.00 0.51 0.00 | 20.30 0.67 0.00 | 21.15 0.89 0.00 | 21.78 0.88 0.00 | 20.81 0.84 0.00 | 20.90 0.88 0.00 | 20.98 1.00 0.00 | 21.05 0.98 0.00 | 21.98 1.11 0.00 | 23.06 1.20 0.00 | 24.01 1.35 1.05 | 23.92 1.54 4.23 | 27.97 1.70 5.92 | 29.56 1.54 3.42 | 30.58 1.35 0.00 | 28.76 1.13 0.00 | 25.52 0.98 0.00 | 22.01 0.81 0.00 | 20.50 0.62 0.00 |
| CRICKET___VALLEY_CC2 323757 | 18.09 0.61 0.00 | 16.32 0.57 0.00 | 14.91 0.52 0.00 | 14.43 0.50 0.00 | 14.84 0.49 0.00 | 16.00 0.51 0.00 | 20.30 0.67 0.00 | 21.15 0.89 0.00 | 21.78 0.88 0.00 | 20.81 0.84 0.00 | 20.90 0.88 0.00 | 20.98 1.00 0.00 | 21.05 0.98 0.00 | 21.98 1.11 0.00 | 23.06 1.20 0.00 | 24.01 1.35 1.05 | 23.92 1.54 4.23 | 27.97 1.70 5.92 | 29.56 1.54 3.42 | 30.58 1.35 0.00 | 28.76 1.13 0.00 | 25.52 0.98 0.00 | 22.01 0.81 0.00 | 20.50 0.62 0.00 |
| CRICKET___VALLEY_CC3 323758 | 18.09 0.61 0.00 | 16.32 0.57 0.00 | 14.91 0.52 0.00 | 14.43 0.50 0.00 | 14.84 0.49 0.00 | 16.00 0.51 0.00 | 20.30 0.67 0.00 | 21.15 0.89 0.00 | 21.78 0.88 0.00 | 20.81 0.84 0.00 | 20.90 0.88 0.00 | 20.98 1.00 0.00 | 21.05 0.98 0.00 | 21.98 1.11 0.00 | 23.06 1.20 0.00 | 24.01 1.35 1.05 | 23.92 1.54 4.23 | 27.97 1.70 5.92 | 29.56 1.54 3.42 | 30.58 1.35 0.00 | 28.76 1.13 0.00 | 25.52 0.98 0.00 | 22.01 0.81 0.00 | 20.50 0.62 0.00 |
| CRUCIBLE_METL_DRP 24180 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| DAHOWA___HYDRO 323763 | 18.60 1.12 0.00 | 16.70 0.95 0.00 | 15.24 0.85 0.00 | 14.76 0.84 0.00 | 15.18 0.83 0.00 | 16.41 0.91 0.00 | 20.87 1.24 0.00 | 21.62 1.36 0.00 | 22.22 1.32 0.00 | 21.15 1.18 0.00 | 21.22 1.20 0.00 | 21.24 1.26 0.00 | 21.23 1.16 0.00 | 22.15 1.27 0.00 | 23.14 1.29 0.00 | 25.06 1.45 0.09 | 28.00 1.73 0.34 | 33.86 2.16 0.48 | 33.36 2.20 0.28 | 31.40 2.16 0.00 | 29.67 2.04 0.00 | 26.28 1.74 0.00 | 22.67 1.46 0.00 | 21.06 1.17 0.00 |
| DANC___LFGE 323619 | 17.55 0.07 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.40 0.06 0.00 | 15.60 0.11 0.00 | 19.81 0.18 0.00 | 20.39 0.12 0.00 | 21.01 0.11 0.00 | 20.01 0.04 0.00 | 19.96 -0.06 0.00 | 19.88 -0.10 0.00 | 19.93 -0.14 0.00 | 20.62 -0.25 0.00 | 21.53 -0.33 0.00 | 23.37 -0.33 0.00 | 26.19 -0.43 0.00 | 31.83 -0.35 0.00 | 31.22 -0.22 0.00 | 29.23 0.00 0.00 | 27.84 0.22 0.00 | 24.80 0.27 0.00 | 21.40 0.19 0.00 | 20.10 0.22 0.00 |
| DANSKAMMER___1 23586 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.16 0.67 0.00 | 20.52 0.88 0.00 | 21.40 1.13 0.00 | 22.05 1.15 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.31 1.44 0.00 | 23.45 1.59 0.00 | 25.54 1.78 -0.06 | 28.90 2.05 -0.23 | 34.89 2.38 -0.33 | 33.80 2.17 -0.19 | 31.13 1.90 0.00 | 29.25 1.63 0.00 | 25.86 1.32 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| DANSKAMMER___2 23589 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.16 0.67 0.00 | 20.52 0.88 0.00 | 21.40 1.13 0.00 | 22.05 1.15 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.31 1.44 0.00 | 23.45 1.59 0.00 | 25.54 1.78 -0.06 | 28.90 2.05 -0.23 | 34.89 2.38 -0.33 | 33.80 2.17 -0.19 | 31.13 1.90 0.00 | 29.25 1.63 0.00 | 25.86 1.32 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| DANSKAMMER___3 23590 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.16 0.67 0.00 | 20.52 0.88 0.00 | 21.40 1.13 0.00 | 22.05 1.15 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.31 1.44 0.00 | 23.45 1.59 0.00 | 25.54 1.78 -0.06 | 28.90 2.05 -0.23 | 34.89 2.38 -0.33 | 33.80 2.17 -0.19 | 31.13 1.90 0.00 | 29.25 1.63 0.00 | 25.86 1.32 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| DANSKAMMER___4 23591 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.16 0.67 0.00 | 20.52 0.88 0.00 | 21.40 1.13 0.00 | 22.05 1.15 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.31 1.44 0.00 | 23.45 1.59 0.00 | 25.54 1.78 -0.06 | 28.90 2.05 -0.23 | 34.89 2.38 -0.33 | 33.80 2.17 -0.19 | 31.13 1.90 0.00 | 29.25 1.63 0.00 | 25.86 1.32 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| DANSKAMMER___DIESEL 23592 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.17 0.68 0.00 | 20.52 0.88 0.00 | 21.42 1.16 0.00 | 22.07 1.17 0.00 | 21.03 1.06 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.38 1.53 0.00 | 25.49 1.73 -0.06 | 28.82 1.97 -0.23 | 34.79 2.28 -0.33 | 33.71 2.08 -0.19 | 30.99 1.75 0.00 | 29.14 1.52 0.00 | 25.81 1.28 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| DARBY___SOLAR 323810 | 18.49 1.01 0.00 | 16.64 0.88 0.00 | 15.18 0.79 0.00 | 14.71 0.78 0.00 | 15.12 0.77 0.00 | 16.33 0.84 0.00 | 20.77 1.14 0.00 | 21.54 1.28 0.00 | 22.14 1.23 0.00 | 21.09 1.12 0.00 | 21.16 1.14 0.00 | 21.18 1.20 0.00 | 21.19 1.12 0.00 | 22.11 1.23 0.00 | 23.10 1.25 0.00 | 25.01 1.40 0.09 | 27.91 1.65 0.36 | 33.74 2.06 0.50 | 33.20 2.04 0.29 | 31.22 1.99 0.00 | 29.47 1.85 0.00 | 26.13 1.59 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| DASHVILLE___HYD 23610 | 17.97 0.49 0.00 | 16.26 0.50 0.00 | 14.89 0.50 0.00 | 14.39 0.46 0.00 | 14.81 0.46 0.00 | 15.99 0.50 0.00 | 20.24 0.61 0.00 | 21.01 0.75 0.00 | 21.63 0.73 0.00 | 20.63 0.66 0.00 | 20.88 0.86 0.00 | 20.96 0.98 0.00 | 21.11 1.04 0.00 | 21.96 1.09 0.00 | 23.01 1.16 0.00 | 25.30 1.56 -0.03 | 28.52 1.78 -0.12 | 34.41 2.06 -0.16 | 33.36 1.82 -0.09 | 30.43 1.20 0.00 | 28.59 0.97 0.00 | 25.37 0.83 0.00 | 21.91 0.70 0.00 | 20.42 0.54 0.00 |

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| DEERFIELD_69_KV_DEERFIELD LD 355887 | 19.45 1.98 0.00 | 17.35 1.59 0.00 | 15.63 1.24 0.00 | 15.10 1.17 0.00 | 15.54 1.19 0.00 | 16.83 1.33 0.00 | 21.50 1.87 0.00 | 22.29 2.03 0.00 | 22.99 2.09 0.00 | 22.19 2.22 0.00 | 24.84 2.22 -2.60 | 27.89 2.40 -5.51 | 28.87 2.49 -6.32 | 29.20 2.73 -5.59 | 31.90 2.73 -7.31 | 34.59 3.15 -7.74 | 44.75 3.59 -14.54 | 49.81 4.22 -13.41 | 58.78 3.99 -23.35 | 34.61 3.48 -1.90 | 37.57 3.15 -6.80 | 29.66 2.65 -2.47 | 23.48 2.25 -0.02 | 21.75 1.87 0.00 |
| DELAWARE___LFGE 323621 | 17.90 0.42 0.00 | 16.15 0.39 0.00 | 14.75 0.36 0.00 | 14.28 0.35 0.00 | 14.72 0.37 0.00 | 15.88 0.39 0.00 | 20.14 0.51 0.00 | 20.87 0.61 0.00 | 21.53 0.63 0.00 | 20.57 0.60 0.00 | 20.64 0.62 0.00 | 20.60 0.62 0.00 | 20.71 0.64 0.00 | 21.54 0.67 0.00 | 22.58 0.72 0.00 | 24.53 0.83 0.00 | 27.55 0.93 0.00 | 33.28 1.09 0.00 | 32.48 1.04 0.00 | 30.20 0.96 0.00 | 28.51 0.88 0.00 | 25.32 0.79 0.00 | 21.87 0.66 0.00 | 20.46 0.58 0.00 |
| DERFIELD_115KV_TB7 355931 | 17.50 0.02 0.00 | 15.77 0.02 0.00 | 14.40 0.01 0.00 | 13.94 0.01 0.00 | 14.36 0.01 0.00 | 15.51 0.02 0.00 | 19.65 0.02 0.00 | 20.28 0.02 0.00 | 20.92 0.02 0.00 | 19.99 0.02 0.00 | 20.04 0.02 0.00 | 20.00 0.02 0.00 | 20.09 0.02 0.00 | 20.90 0.02 0.00 | 21.88 0.02 0.00 | 23.73 0.02 0.00 | 26.67 0.05 0.00 | 32.25 0.06 0.00 | 31.47 0.03 0.00 | 29.26 0.03 0.00 | 27.65 0.03 0.00 | 24.56 0.02 0.00 | 21.23 0.02 0.00 | 19.90 0.02 0.00 |
| DOGLEVILLE___HYD 23807 | 17.32 -0.16 0.00 | 15.65 -0.11 0.00 | 14.26 -0.13 0.00 | 13.79 -0.14 0.00 | 14.20 -0.14 0.00 | 15.35 -0.14 0.00 | 19.50 -0.14 0.00 | 20.04 -0.22 0.00 | 20.65 -0.25 0.00 | 19.71 -0.26 0.00 | 19.82 -0.20 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.46 -0.42 0.00 | 21.35 -0.50 0.00 | 23.20 -0.50 0.00 | 26.05 -0.56 0.00 | 31.47 -0.71 0.00 | 30.78 -0.66 0.00 | 28.68 -0.56 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.60 -0.28 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 17.78 0.30 0.00 | 15.95 0.19 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.85 0.36 0.00 | 19.95 0.31 0.00 | 20.30 0.04 0.00 | 21.26 0.36 0.00 | 20.41 0.44 0.00 | 20.26 0.24 0.00 | 19.94 -0.04 0.00 | 19.97 -0.10 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.28 -0.43 0.00 | 26.22 -0.40 0.00 | 31.60 -0.58 0.00 | 31.22 -0.22 0.00 | 29.15 -0.09 0.00 | 27.46 -0.17 0.00 | 24.68 0.15 0.00 | 21.14 -0.06 0.00 | 20.22 0.34 0.00 |
| DUNKIRK___1 23563 | 17.78 0.30 0.00 | 15.95 0.19 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.85 0.36 0.00 | 19.95 0.31 0.00 | 20.30 0.04 0.00 | 21.26 0.36 0.00 | 20.41 0.44 0.00 | 20.26 0.24 0.00 | 19.94 -0.04 0.00 | 19.97 -0.10 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.28 -0.43 0.00 | 26.22 -0.40 0.00 | 31.60 -0.58 0.00 | 31.22 -0.22 0.00 | 29.15 -0.09 0.00 | 27.46 -0.17 0.00 | 24.68 0.15 0.00 | 21.14 -0.06 0.00 | 20.22 0.34 0.00 |
| DUNKIRK___2 23564 | 17.78 0.30 0.00 | 15.95 0.19 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.85 0.36 0.00 | 19.95 0.31 0.00 | 20.30 0.04 0.00 | 21.26 0.36 0.00 | 20.41 0.44 0.00 | 20.26 0.24 0.00 | 19.94 -0.04 0.00 | 19.97 -0.10 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.28 -0.43 0.00 | 26.22 -0.40 0.00 | 31.60 -0.58 0.00 | 31.22 -0.22 0.00 | 29.15 -0.09 0.00 | 27.46 -0.17 0.00 | 24.68 0.15 0.00 | 21.14 -0.06 0.00 | 20.22 0.34 0.00 |
| DUNKIRK___3 23565 | 17.65 0.17 0.00 | 15.85 0.09 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.48 0.13 0.00 | 15.73 0.23 0.00 | 19.79 0.16 0.00 | 20.14 -0.12 0.00 | 21.09 0.19 0.00 | 20.25 0.28 0.00 | 20.10 0.08 0.00 | 19.78 -0.20 0.00 | 19.81 -0.26 0.00 | 20.39 -0.48 0.00 | 21.40 -0.46 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.41 -0.77 0.00 | 31.00 -0.44 0.00 | 28.94 -0.29 0.00 | 27.26 -0.36 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 20.10 0.22 0.00 |
| DUNKIRK___4 23566 | 17.65 0.17 0.00 | 15.85 0.09 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.48 0.13 0.00 | 15.73 0.23 0.00 | 19.79 0.16 0.00 | 20.14 -0.12 0.00 | 21.09 0.19 0.00 | 20.25 0.28 0.00 | 20.10 0.08 0.00 | 19.78 -0.20 0.00 | 19.81 -0.26 0.00 | 20.39 -0.48 0.00 | 21.40 -0.46 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.41 -0.77 0.00 | 31.00 -0.44 0.00 | 28.94 -0.29 0.00 | 27.26 -0.36 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 20.10 0.22 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 18.37 0.89 0.00 | 16.56 0.80 0.00 | 15.11 0.72 0.00 | 14.63 0.70 0.00 | 15.04 0.69 0.00 | 16.24 0.74 0.00 | 20.55 0.92 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.29 1.32 0.00 | 21.42 1.40 0.00 | 21.48 1.50 0.00 | 21.61 1.55 0.00 | 22.57 1.69 0.00 | 23.62 1.77 0.00 | 25.75 1.97 -0.08 | 29.13 2.21 -0.31 | 35.12 2.51 -0.43 | 33.95 2.26 -0.25 | 31.13 1.90 0.00 | 29.34 1.71 0.00 | 26.01 1.47 0.00 | 22.48 1.27 0.00 | 20.88 0.99 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 18.11 0.63 0.00 | 16.34 0.58 0.00 | 14.95 0.56 0.00 | 14.46 0.53 0.00 | 14.88 0.53 0.00 | 16.08 0.59 0.00 | 20.38 0.75 0.00 | 21.26 0.99 0.00 | 21.93 1.02 0.00 | 20.93 0.96 0.00 | 21.08 1.06 0.00 | 21.16 1.18 0.00 | 21.29 1.22 0.00 | 22.21 1.34 0.00 | 23.25 1.40 0.00 | 25.33 1.56 -0.06 | 28.63 1.78 -0.23 | 34.57 2.06 -0.33 | 33.48 1.85 -0.19 | 30.78 1.55 0.00 | 28.95 1.33 0.00 | 25.66 1.13 0.00 | 22.14 0.93 0.00 | 20.60 0.72 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 18.55 1.07 0.00 | 16.72 0.96 0.00 | 15.27 0.88 0.00 | 14.77 0.84 0.00 | 15.20 0.85 -0.01 | 16.30 0.81 0.00 | 20.42 0.79 0.00 | 21.42 1.16 0.00 | 22.14 1.23 0.00 | 21.29 1.32 -0.01 | 21.60 1.40 -0.18 | 21.89 1.52 -0.39 | 22.04 1.53 -0.45 | 22.96 1.69 -0.40 | 24.15 1.77 -0.53 | 26.30 1.97 -0.63 | 30.21 2.24 -1.36 | 36.08 2.51 -1.39 | 34.03 2.30 -0.29 | 31.19 1.96 0.00 | 29.34 1.71 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 21.02 1.13 0.00 |
| E179THST_13_KV_LOAD 356214 | 18.62 1.14 0.00 | 16.78 1.02 0.00 | 15.32 0.94 0.00 | 14.82 0.89 0.00 | 15.24 0.89 -0.01 | 16.36 0.87 0.00 | 20.50 0.86 0.00 | 21.52 1.26 0.00 | 22.22 1.32 0.00 | 21.39 1.42 -0.01 | 21.70 1.50 -0.18 | 21.99 1.62 -0.39 | 22.14 1.63 -0.45 | 23.07 1.80 -0.40 | 24.26 1.88 -0.53 | 26.42 2.09 -0.63 | 30.35 2.37 -1.36 | 36.24 2.67 -1.39 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.23 1.69 0.00 | 22.67 1.46 0.00 | 21.12 1.23 0.00 |
| EAST HAMPTON___GT 23717 | 19.66 2.18 0.00 | 17.52 1.76 0.00 | 15.78 1.40 0.00 | 15.25 1.32 0.00 | 15.70 1.35 0.00 | 17.00 1.50 0.00 | 21.73 2.10 0.00 | 22.55 2.29 0.00 | 23.26 2.36 0.00 | 22.49 2.52 0.00 | 25.12 2.50 -2.60 | 28.15 2.66 -5.51 | 29.16 2.77 -6.32 | 29.48 3.01 -5.59 | 32.29 3.12 -7.31 | 34.90 3.46 -7.74 | 45.28 4.13 -14.54 | 50.45 4.86 -13.41 | 59.44 4.65 -23.35 | 35.28 4.15 -1.90 | 38.09 3.67 -6.80 | 30.05 3.04 -2.47 | 23.79 2.57 -0.02 | 22.07 2.19 0.00 |
| EAST RIVER___6 23660 | 18.42 0.94 0.00 | 16.58 0.82 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.24 0.74 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.18 1.28 0.00 | 21.71 1.36 -0.38 | 22.42 1.36 -1.04 | 24.28 1.44 -2.86 | 24.29 1.49 -2.74 | 24.97 1.67 -2.42 | 25.71 1.81 -2.05 | 27.15 1.99 -1.46 | 30.28 2.26 -1.40 | 36.19 2.58 -1.43 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.48 1.27 0.00 | 20.90 1.01 0.00 |

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| EAST RIVER___7 23524 | 18.42 0.94 0.00 | 16.58 0.82 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.24 0.74 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.18 1.28 0.00 | 21.71 1.36 -0.38 | 22.42 1.36 -1.04 | 24.28 1.44 -2.86 | 24.29 1.49 -2.74 | 24.97 1.67 -2.42 | 25.71 1.81 -2.05 | 27.15 1.99 -1.46 | 30.28 2.26 -1.40 | 36.19 2.58 -1.43 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.48 1.27 0.00 | 20.90 1.01 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.21 0.71 0.00 | 20.52 0.88 0.00 | 21.46 1.20 0.00 | 22.14 1.23 0.00 | 21.23 1.26 0.00 | 21.34 1.32 0.00 | 21.42 1.44 0.00 | 21.53 1.47 0.00 | 22.50 1.63 0.00 | 23.56 1.70 0.00 | 25.65 1.87 -0.08 | 29.05 2.13 -0.31 | 35.02 2.41 -0.43 | 33.86 2.17 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.93 1.40 0.00 | 22.42 1.21 0.00 | 20.84 0.95 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 19.66 2.18 0.00 | 17.54 1.78 0.00 | 15.78 1.40 0.00 | 15.25 1.32 0.00 | 15.71 1.36 0.00 | 17.00 1.50 0.00 | 21.73 2.10 0.00 | 22.55 2.29 0.00 | 23.26 2.36 0.00 | 22.49 2.52 0.00 | 25.12 2.50 -2.60 | 28.15 2.66 -5.51 | 29.16 2.77 -6.32 | 29.49 3.03 -5.59 | 32.31 3.15 -7.31 | 34.90 3.46 -7.74 | 45.28 4.13 -14.54 | 50.45 4.86 -13.41 | 59.44 4.65 -23.35 | 35.28 4.15 -1.90 | 38.09 3.67 -6.80 | 30.05 3.04 -2.47 | 23.79 2.57 -0.02 | 22.07 2.19 0.00 |
| EAST_PULASKI___ESR 323781 | 17.36 -0.12 0.00 | 15.63 -0.13 0.00 | 14.25 -0.14 0.00 | 13.79 -0.14 0.00 | 14.23 -0.11 0.00 | 15.40 -0.09 0.00 | 19.51 -0.12 0.00 | 20.06 -0.20 0.00 | 20.69 -0.21 0.00 | 19.75 -0.22 0.00 | 19.74 -0.28 0.00 | 19.66 -0.32 0.00 | 19.75 -0.32 0.00 | 20.44 -0.44 0.00 | 21.40 -0.46 0.00 | 23.23 -0.47 0.00 | 26.06 -0.56 0.00 | 31.60 -0.58 0.00 | 30.94 -0.50 0.00 | 28.91 -0.32 0.00 | 27.40 -0.22 0.00 | 24.44 -0.10 0.00 | 21.06 -0.15 0.00 | 19.84 -0.04 0.00 |
| EAST_RIVER___1 323558 | 18.44 0.96 0.00 | 16.61 0.85 0.00 | 15.17 0.78 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.26 1.36 0.00 | 21.75 1.40 -0.38 | 22.54 1.48 -1.04 | 24.40 1.56 -2.86 | 24.41 1.61 -2.74 | 25.05 1.75 -2.42 | 25.80 1.90 -2.05 | 27.27 2.11 -1.46 | 30.41 2.40 -1.40 | 36.34 2.73 -1.43 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.54 1.34 0.00 | 20.96 1.07 0.00 |
| EAST_RIVER___2 323559 | 18.42 0.94 0.00 | 16.58 0.82 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.24 0.74 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.18 1.28 0.00 | 21.71 1.36 -0.38 | 22.42 1.36 -1.04 | 24.28 1.44 -2.86 | 24.29 1.49 -2.74 | 24.97 1.67 -2.42 | 25.71 1.81 -2.05 | 27.15 1.99 -1.46 | 30.28 2.26 -1.40 | 36.19 2.58 -1.43 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.48 1.27 0.00 | 20.90 1.01 0.00 |
| EAST___DELAWARE_HYD 23607 | 17.67 0.19 0.00 | 15.77 0.02 0.00 | 14.45 0.06 0.00 | 13.97 0.04 0.00 | 14.39 0.04 0.00 | 15.57 0.08 0.00 | 19.75 0.12 0.00 | 20.79 0.53 0.00 | 21.45 0.54 0.00 | 20.43 0.46 0.00 | 20.40 0.38 0.00 | 20.48 0.50 0.00 | 20.61 0.54 0.00 | 21.62 0.75 0.00 | 22.73 0.88 0.00 | 24.76 1.02 -0.04 | 28.00 1.22 -0.16 | 33.86 1.45 -0.23 | 32.86 1.29 -0.13 | 30.28 1.05 0.00 | 28.51 0.88 0.00 | 25.20 0.66 0.00 | 21.63 0.42 0.00 | 20.12 0.24 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 17.78 0.30 0.00 | 15.98 0.22 0.00 | 14.61 0.22 0.00 | 14.15 0.22 0.00 | 14.56 0.22 0.00 | 15.83 0.34 0.00 | 19.93 0.29 0.00 | 20.43 0.16 0.00 | 21.24 0.33 0.00 | 20.29 0.32 0.00 | 20.20 0.18 0.00 | 19.94 -0.04 0.00 | 19.95 -0.12 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.28 -0.43 0.00 | 26.27 -0.35 0.00 | 31.80 -0.38 0.00 | 31.38 -0.06 0.00 | 29.38 0.15 0.00 | 27.84 0.22 0.00 | 24.88 0.34 0.00 | 21.38 0.17 0.00 | 20.28 0.40 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 17.41 -0.07 0.00 | 15.68 -0.08 0.00 | 14.30 -0.09 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.43 -0.06 0.00 | 19.53 -0.10 0.00 | 20.04 -0.22 0.00 | 20.74 -0.17 0.00 | 19.81 -0.16 0.00 | 19.82 -0.20 0.00 | 19.74 -0.24 0.00 | 19.81 -0.26 0.00 | 20.56 -0.31 0.00 | 21.59 -0.26 0.00 | 23.40 -0.31 0.00 | 26.27 -0.35 0.00 | 31.83 -0.35 0.00 | 31.16 -0.28 0.00 | 29.00 -0.23 0.00 | 27.43 -0.19 0.00 | 24.41 -0.12 0.00 | 21.06 -0.15 0.00 | 19.84 -0.04 0.00 |
| ELEC_TRO_TEK 24086 | 18.65 1.17 0.00 | 16.69 0.93 0.00 | 15.14 0.75 0.00 | 14.63 0.70 0.00 | 15.05 0.70 0.00 | 16.28 0.79 0.00 | 20.71 1.08 0.00 | 21.66 1.40 0.00 | 22.37 1.46 0.00 | 21.51 1.54 0.00 | 24.22 1.60 -2.60 | 27.19 1.70 -5.51 | 28.09 1.71 -6.32 | 28.37 1.90 -5.59 | 31.13 1.97 -7.31 | 33.64 2.20 -7.73 | 43.63 2.48 -14.54 | 48.45 2.86 -13.41 | 57.37 2.58 -23.35 | 33.35 2.22 -1.90 | 36.43 2.02 -6.79 | 28.75 1.74 -2.47 | 22.78 1.55 -0.02 | 21.14 1.25 0.00 |
| ELLENBURG_WT_PWR 323604 | 17.69 0.21 0.00 | 15.85 0.10 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.30 0.28 0.00 | 20.10 0.12 0.00 | 20.11 0.04 0.00 | 20.98 0.10 0.00 | 21.90 0.04 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.66 0.22 0.00 | 29.50 0.26 0.00 | 28.04 0.41 0.00 | 24.83 0.30 0.00 | 21.36 0.15 0.00 | 19.90 0.02 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 17.36 -0.12 0.00 | 15.57 -0.19 0.00 | 14.26 -0.13 0.00 | 13.80 -0.13 0.00 | 14.20 -0.14 0.00 | 15.40 -0.09 0.00 | 19.40 -0.24 0.00 | 19.64 -0.63 0.00 | 20.55 -0.36 0.00 | 19.73 -0.24 0.00 | 19.58 -0.44 0.00 | 19.28 -0.70 0.00 | 19.25 -0.82 0.00 | 19.79 -1.09 0.00 | 20.81 -1.05 0.00 | 22.42 -1.28 0.00 | 25.34 -1.28 0.00 | 30.48 -1.71 0.00 | 30.09 -1.35 0.00 | 28.15 -1.08 0.00 | 26.57 -1.05 0.00 | 23.90 -0.64 0.00 | 20.51 -0.70 0.00 | 19.66 -0.22 0.00 |
| EMPIRE_CC_1 323656 | 17.86 0.38 0.00 | 16.15 0.39 0.00 | 14.76 0.37 0.00 | 14.29 0.36 0.00 | 14.69 0.34 0.00 | 15.83 0.34 0.00 | 20.08 0.45 0.00 | 20.75 0.49 0.00 | 21.34 0.44 0.00 | 20.35 0.38 0.00 | 20.52 0.50 0.00 | 20.58 0.60 0.00 | 20.67 0.60 0.00 | 21.52 0.65 0.00 | 22.55 0.70 0.00 | 24.35 0.78 0.13 | 26.95 0.88 0.54 | 32.39 0.96 0.75 | 31.86 0.85 0.43 | 30.02 0.79 0.00 | 28.29 0.66 0.00 | 25.10 0.56 0.00 | 21.78 0.57 0.00 | 20.26 0.38 0.00 |
| EMPIRE_CC_2 323658 | 17.86 0.38 0.00 | 16.15 0.39 0.00 | 14.76 0.37 0.00 | 14.29 0.36 0.00 | 14.69 0.34 0.00 | 15.83 0.34 0.00 | 20.08 0.45 0.00 | 20.75 0.49 0.00 | 21.34 0.44 0.00 | 20.35 0.38 0.00 | 20.52 0.50 0.00 | 20.58 0.60 0.00 | 20.67 0.60 0.00 | 21.52 0.65 0.00 | 22.55 0.70 0.00 | 24.35 0.78 0.13 | 26.95 0.88 0.54 | 32.39 0.96 0.75 | 31.86 0.85 0.43 | 30.02 0.79 0.00 | 28.29 0.66 0.00 | 25.10 0.56 0.00 | 21.78 0.57 0.00 | 20.26 0.38 0.00 |
| ENORWICH_115KV_TB1 80156 | 18.35 0.87 0.00 | 16.56 0.80 0.00 | 15.07 0.68 0.00 | 14.58 0.65 0.00 | 15.12 0.77 0.00 | 16.41 0.91 0.00 | 20.83 1.20 0.00 | 21.46 1.20 0.00 | 22.05 1.15 0.00 | 20.89 0.92 0.00 | 20.94 0.92 0.00 | 20.70 0.72 0.00 | 20.73 0.66 0.00 | 21.35 0.48 0.00 | 22.36 0.50 0.00 | 24.39 0.69 0.00 | 27.47 0.85 0.00 | 33.40 1.22 0.00 | 32.92 1.48 0.00 | 30.93 1.70 0.00 | 29.42 1.80 0.00 | 26.15 1.62 0.00 | 22.46 1.25 0.00 | 21.10 1.21 0.00 |

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| ERIE_ST__34_KV_TB1-2 80199 | 17.50 0.02 0.00 | 15.68 -0.08 0.00 | 14.36 -0.03 0.00 | 13.89 -0.04 0.00 | 14.29 -0.06 0.00 | 15.52 0.03 0.00 | 19.55 -0.08 0.00 | 19.88 -0.39 0.00 | 20.82 -0.08 0.00 | 19.99 0.02 0.00 | 19.86 -0.16 0.00 | 19.56 -0.42 0.00 | 19.57 -0.50 0.00 | 20.12 -0.75 0.00 | 21.16 -0.70 0.00 | 22.85 -0.85 0.00 | 25.79 -0.83 0.00 | 31.09 -1.09 0.00 | 30.65 -0.79 0.00 | 28.62 -0.61 0.00 | 26.96 -0.66 0.00 | 24.21 -0.32 0.00 | 20.78 -0.42 0.00 | 19.86 -0.02 0.00 |
| ERIE_WT_PWR 323693 | 17.46 -0.02 0.00 | 15.65 -0.11 0.00 | 14.35 -0.04 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.56 0.06 0.00 | 19.50 -0.14 0.00 | 19.76 -0.51 0.00 | 20.69 -0.21 0.00 | 19.85 -0.12 0.00 | 19.70 -0.32 0.00 | 19.44 -0.54 0.00 | 19.37 -0.70 0.00 | 20.06 -0.81 0.00 | 21.02 -0.83 0.00 | 22.64 -1.07 0.00 | 25.58 -1.04 0.00 | 30.83 -1.35 0.00 | 30.37 -1.07 0.00 | 28.38 -0.85 0.00 | 26.82 -0.80 0.00 | 24.07 -0.47 0.00 | 20.72 -0.49 0.00 | 19.78 -0.10 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 18.48 1.00 0.00 | 16.59 0.84 0.00 | 15.12 0.73 0.00 | 14.65 0.72 0.00 | 15.12 0.77 0.00 | 16.39 0.90 0.00 | 20.85 1.22 0.00 | 21.64 1.38 0.00 | 22.28 1.38 0.00 | 21.23 1.26 0.00 | 21.28 1.26 0.00 | 21.20 1.22 0.00 | 21.29 1.22 0.00 | 22.11 1.23 0.00 | 23.19 1.33 0.00 | 25.16 1.49 0.03 | 28.18 1.70 0.13 | 34.08 2.09 0.19 | 33.47 2.14 0.11 | 31.34 2.10 0.00 | 29.67 2.04 0.00 | 26.28 1.74 0.00 | 22.63 1.42 0.00 | 21.14 1.25 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 17.76 0.28 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.14 0.21 0.00 | 14.58 0.23 0.00 | 15.79 0.29 0.00 | 19.97 0.33 0.00 | 20.53 0.26 0.00 | 21.22 0.31 0.00 | 20.23 0.26 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.92 0.07 0.00 | 23.80 0.09 0.00 | 26.77 0.16 0.00 | 32.47 0.29 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.12 0.50 0.00 | 25.02 0.49 0.00 | 21.55 0.34 0.00 | 20.28 0.40 0.00 |
| ETNA____115KV_TB2 80207 | 17.76 0.28 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.14 0.21 0.00 | 14.58 0.23 0.00 | 15.79 0.29 0.00 | 19.97 0.33 0.00 | 20.53 0.26 0.00 | 21.22 0.31 0.00 | 20.23 0.26 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.92 0.07 0.00 | 23.80 0.09 0.00 | 26.77 0.16 0.00 | 32.47 0.29 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.12 0.50 0.00 | 25.02 0.49 0.00 | 21.55 0.34 0.00 | 20.28 0.40 0.00 |
| EUCLID____115KV_TB2 356179 | 17.29 -0.19 0.00 | 15.57 -0.19 0.00 | 14.20 -0.19 0.00 | 13.76 -0.17 0.00 | 14.18 -0.17 0.00 | 15.32 -0.17 0.00 | 19.40 -0.24 0.00 | 19.90 -0.36 0.00 | 20.57 -0.33 0.00 | 19.65 -0.32 0.00 | 19.70 -0.32 0.00 | 19.62 -0.36 0.00 | 19.71 -0.36 0.00 | 20.44 -0.44 0.00 | 21.42 -0.44 0.00 | 23.23 -0.47 0.00 | 26.08 -0.53 0.00 | 31.57 -0.61 0.00 | 30.87 -0.57 0.00 | 28.77 -0.47 0.00 | 27.21 -0.41 0.00 | 24.19 -0.34 0.00 | 20.89 -0.32 0.00 | 19.70 -0.18 0.00 |
| E_CANADA_CAP_HY 24051 | 18.84 1.36 0.00 | 16.89 1.14 0.00 | 15.40 1.01 0.00 | 14.92 0.99 0.00 | 15.38 1.03 0.00 | 16.67 1.18 0.00 | 21.24 1.61 0.00 | 22.05 1.78 0.00 | 22.68 1.78 0.00 | 21.55 1.58 0.00 | 21.60 1.58 0.00 | 21.54 1.56 0.00 | 21.64 1.57 0.00 | 22.48 1.61 0.00 | 23.58 1.73 0.00 | 25.55 1.90 0.05 | 28.58 2.15 0.19 | 34.58 2.67 0.27 | 34.08 2.80 0.15 | 32.01 2.78 0.00 | 30.28 2.65 0.00 | 26.77 2.23 0.00 | 23.05 1.84 0.00 | 21.45 1.57 0.00 |
| E_CANADA_MHWK_HY 24050 | 17.32 -0.16 0.00 | 15.65 -0.11 0.00 | 14.26 -0.13 0.00 | 13.79 -0.14 0.00 | 14.20 -0.14 0.00 | 15.35 -0.14 0.00 | 19.50 -0.14 0.00 | 20.04 -0.22 0.00 | 20.65 -0.25 0.00 | 19.71 -0.26 0.00 | 19.82 -0.20 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.46 -0.42 0.00 | 21.35 -0.50 0.00 | 23.20 -0.50 0.00 | 26.05 -0.56 0.00 | 31.47 -0.71 0.00 | 30.78 -0.66 0.00 | 28.68 -0.56 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.60 -0.28 0.00 |
| E_FISHKILL____LBMP 23776 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 14.99 0.60 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.10 0.60 0.00 | 20.40 0.77 0.00 | 21.30 1.03 0.00 | 21.95 1.05 0.00 | 21.01 1.04 0.00 | 21.14 1.12 0.00 | 21.20 1.22 0.00 | 21.29 1.22 0.00 | 22.25 1.38 0.00 | 23.28 1.42 0.00 | 25.35 1.56 -0.08 | 28.71 1.78 -0.31 | 34.65 2.03 -0.44 | 33.49 1.79 -0.25 | 30.78 1.55 0.00 | 28.98 1.35 0.00 | 25.71 1.18 0.00 | 22.23 1.02 0.00 | 20.68 0.80 0.00 |
| FALCON____SEABRD_CC1 323796 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.65 0.26 0.00 | 14.19 0.26 0.00 | 14.71 0.36 0.00 | 15.88 0.39 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.57 0.67 0.00 | 20.65 0.68 0.00 | 20.48 0.46 0.00 | 20.28 0.30 0.00 | 20.29 0.22 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.92 0.21 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.01 0.57 0.00 | 29.82 0.58 0.00 | 28.31 0.69 0.00 | 25.05 0.52 0.00 | 21.53 0.32 0.00 | 20.06 0.18 0.00 |
| FALCON____SEABRD_CC2 323797 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.65 0.26 0.00 | 14.19 0.26 0.00 | 14.71 0.36 0.00 | 15.88 0.39 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.57 0.67 0.00 | 20.65 0.68 0.00 | 20.48 0.46 0.00 | 20.28 0.30 0.00 | 20.29 0.22 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.92 0.21 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.01 0.57 0.00 | 29.82 0.58 0.00 | 28.31 0.69 0.00 | 25.05 0.52 0.00 | 21.53 0.32 0.00 | 20.06 0.18 0.00 |
| FAR ROCKAWAY____4 23548 | 18.84 1.36 0.00 | 16.91 1.15 0.00 | 15.31 0.92 0.00 | 14.81 0.88 0.00 | 15.22 0.88 0.00 | 16.47 0.98 0.00 | 20.97 1.33 0.00 | 21.88 1.62 0.00 | 22.60 1.69 0.00 | 21.77 1.80 0.00 | 24.50 1.88 -2.60 | 27.45 1.96 -5.51 | 28.35 1.97 -6.32 | 28.62 2.15 -5.59 | 31.41 2.25 -7.31 | 33.95 2.51 -7.73 | 43.76 2.61 -14.54 | 48.65 3.06 -13.41 | 57.59 2.80 -23.35 | 33.76 2.63 -1.90 | 36.82 2.40 -6.79 | 29.07 2.06 -2.47 | 23.09 1.87 -0.02 | 21.37 1.49 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.30 0.81 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.55 1.50 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.08 1.80 -2.41 | 25.77 1.88 -2.03 | 27.21 2.06 -1.45 | 30.35 2.34 -1.40 | 36.27 2.67 -1.42 | 34.15 2.42 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 20.96 1.07 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.30 0.81 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.55 1.50 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.08 1.80 -2.41 | 25.77 1.88 -2.03 | 27.21 2.06 -1.45 | 30.35 2.34 -1.40 | 36.27 2.67 -1.42 | 34.15 2.42 -0.29 | 31.28 2.05 0.00 | 29.45 1.82 0.00 | 26.13 1.59 0.00 | 22.59 1.38 0.00 | 20.98 1.09 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 18.44 0.96 0.00 | 16.61 0.85 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.59 0.96 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.53 1.48 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.05 1.77 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.33 2.32 -1.40 | 36.24 2.64 -1.42 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.42 1.80 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |

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| FARRAGUT___LBMP 323566 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.17 0.78 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.26 1.36 0.00 | 21.75 1.40 -0.38 | 22.51 1.46 -1.03 | 24.40 1.58 -2.84 | 24.40 1.61 -2.72 | 25.03 1.75 -2.41 | 25.72 1.84 -2.03 | 27.19 2.04 -1.45 | 30.30 2.29 -1.40 | 36.21 2.61 -1.42 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.42 1.80 0.00 | 26.08 1.55 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| FENNER___WINDPWR 24204 | 17.71 0.23 0.00 | 15.98 0.22 0.00 | 14.58 0.19 0.00 | 14.11 0.18 0.00 | 14.56 0.22 0.00 | 15.76 0.26 0.00 | 19.99 0.35 0.00 | 20.57 0.30 0.00 | 21.22 0.31 0.00 | 20.25 0.28 0.00 | 20.30 0.28 0.00 | 20.22 0.24 0.00 | 20.29 0.22 0.00 | 21.00 0.13 0.00 | 22.01 0.15 0.00 | 23.89 0.19 0.00 | 26.85 0.24 0.00 | 32.54 0.35 0.00 | 31.88 0.44 0.00 | 29.70 0.47 0.00 | 28.15 0.52 0.00 | 25.00 0.46 0.00 | 21.57 0.36 0.00 | 20.26 0.38 0.00 |
| FIBERTEK___ENERGY 23856 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| FITZPATRICK____ 23598 | 17.08 -0.40 0.00 | 15.38 -0.38 0.00 | 14.04 -0.35 0.00 | 13.59 -0.33 0.00 | 14.00 -0.34 0.00 | 15.15 -0.34 0.00 | 19.16 -0.47 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.68 -0.93 0.00 | 31.09 -1.09 0.00 | 30.40 -1.04 0.00 | 28.30 -0.94 0.00 | 26.74 -0.89 0.00 | 23.80 -0.74 0.00 | 20.59 -0.62 0.00 | 19.43 -0.46 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 19.12 1.64 0.00 | 17.00 1.24 0.00 | 15.35 0.96 0.00 | 14.83 0.91 0.00 | 15.27 0.92 0.00 | 16.53 1.04 0.00 | 21.08 1.45 0.00 | 22.01 1.74 0.00 | 22.70 1.80 0.00 | 21.89 1.92 0.00 | 24.52 1.90 -2.60 | 27.55 2.06 -5.51 | 28.55 2.17 -6.32 | 28.89 2.42 -5.59 | 31.63 2.47 -7.31 | 34.24 2.80 -7.74 | 44.30 3.14 -14.54 | 49.16 3.57 -13.41 | 58.12 3.33 -23.35 | 34.23 3.10 -1.90 | 37.21 2.79 -6.80 | 29.34 2.33 -2.47 | 23.24 2.01 -0.02 | 21.55 1.67 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 18.23 0.75 0.00 | 16.43 0.68 0.00 | 15.05 0.66 0.00 | 14.56 0.63 0.00 | 14.98 0.63 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.44 1.18 0.00 | 22.09 1.19 0.00 | 21.05 1.08 0.00 | 21.22 1.20 0.00 | 21.32 1.34 0.00 | 21.43 1.36 0.00 | 22.38 1.50 0.00 | 23.43 1.57 0.00 | 25.52 1.75 -0.06 | 28.85 2.00 -0.24 | 34.87 2.35 -0.33 | 33.74 2.11 -0.19 | 31.05 1.81 0.00 | 29.20 1.57 0.00 | 25.83 1.30 0.00 | 22.27 1.06 0.00 | 20.70 0.82 0.00 |
| FORT ORANGE____ 23900 | 17.85 0.37 0.00 | 16.12 0.36 0.00 | 14.76 0.37 0.00 | 14.29 0.36 0.00 | 14.68 0.33 0.00 | 15.82 0.33 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.36 0.46 0.00 | 20.35 0.38 0.00 | 20.48 0.46 0.00 | 20.54 0.56 0.00 | 20.67 0.60 0.00 | 21.50 0.63 0.00 | 22.53 0.68 0.00 | 24.39 0.76 0.07 | 27.22 0.88 0.27 | 32.83 1.03 0.38 | 32.20 0.98 0.22 | 30.11 0.88 0.00 | 28.37 0.75 0.00 | 25.15 0.61 0.00 | 21.78 0.57 0.00 | 20.26 0.38 0.00 |
| FORT_DRUM_COGEN 23780 | 17.83 0.35 0.00 | 16.06 0.30 0.00 | 14.61 0.22 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.88 0.39 0.00 | 20.22 0.59 0.00 | 20.87 0.61 0.00 | 21.45 0.54 0.00 | 20.41 0.44 0.00 | 20.28 0.26 0.00 | 20.20 0.22 0.00 | 20.23 0.16 0.00 | 20.85 -0.02 0.00 | 21.75 -0.11 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.25 0.06 0.00 | 31.72 0.28 0.00 | 29.82 0.58 0.00 | 28.54 0.91 0.00 | 25.37 0.83 0.00 | 21.84 0.64 0.00 | 20.46 0.58 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 18.84 1.36 0.00 | 16.91 1.15 0.00 | 15.31 0.92 0.00 | 14.81 0.88 0.00 | 15.22 0.88 0.00 | 16.45 0.96 0.00 | 20.97 1.34 0.00 | 21.89 1.62 0.00 | 22.60 1.69 0.00 | 21.77 1.80 0.00 | 24.51 1.88 -2.61 | 27.45 1.96 -5.51 | 28.35 1.97 -6.32 | 28.62 2.15 -5.59 | 31.48 2.32 -7.31 | 33.98 2.54 -7.73 | 43.87 2.72 -14.54 | 48.71 3.12 -13.41 | 57.68 2.89 -23.35 | 33.94 2.81 -1.90 | 36.93 2.51 -6.79 | 29.12 2.11 -2.47 | 23.09 1.87 -0.02 | 21.37 1.49 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 18.84 1.36 0.00 | 16.91 1.15 0.00 | 15.31 0.92 0.00 | 14.81 0.88 0.00 | 15.22 0.88 0.00 | 16.45 0.96 0.00 | 20.97 1.34 0.00 | 21.89 1.62 0.00 | 22.60 1.69 0.00 | 21.77 1.80 0.00 | 24.51 1.88 -2.61 | 27.45 1.96 -5.51 | 28.35 1.97 -6.32 | 28.62 2.15 -5.59 | 31.48 2.32 -7.31 | 33.98 2.54 -7.73 | 43.87 2.72 -14.54 | 48.71 3.12 -13.41 | 57.68 2.89 -23.35 | 33.94 2.81 -1.90 | 36.93 2.51 -6.79 | 29.12 2.11 -2.47 | 23.09 1.87 -0.02 | 21.37 1.49 0.00 |
| FRANKLIN_FALL_HYD 24054 | 17.76 0.28 0.00 | 15.95 0.19 0.00 | 14.59 0.20 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.82 0.33 0.00 | 20.14 0.51 0.00 | 20.89 0.63 0.00 | 21.47 0.56 0.00 | 20.57 0.60 0.00 | 20.48 0.46 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.15 0.27 0.00 | 22.07 0.22 0.00 | 23.80 0.09 0.00 | 26.59 -0.03 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.64 0.41 0.00 | 28.23 0.61 0.00 | 24.93 0.39 0.00 | 21.50 0.30 0.00 | 20.02 0.14 0.00 |
| FREEPORT_EQUS_GT1 23764 | 18.83 1.35 0.00 | 16.83 1.07 0.00 | 15.24 0.85 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.39 0.90 0.00 | 20.89 1.26 0.00 | 21.82 1.56 0.00 | 22.54 1.63 0.00 | 21.71 1.74 0.00 | 24.40 1.78 -2.60 | 27.35 1.86 -5.51 | 28.27 1.89 -6.32 | 28.56 2.09 -5.59 | 31.39 2.23 -7.31 | 33.88 2.44 -7.73 | 44.00 2.85 -14.54 | 48.87 3.28 -13.41 | 57.87 3.08 -23.35 | 33.82 2.69 -1.90 | 36.85 2.43 -6.79 | 29.07 2.06 -2.47 | 23.05 1.82 -0.02 | 21.33 1.45 0.00 |
| FREEPORT___CT2 23818 | 18.83 1.35 0.00 | 16.83 1.07 0.00 | 15.24 0.85 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.39 0.90 0.00 | 20.89 1.26 0.00 | 21.82 1.56 0.00 | 22.54 1.63 0.00 | 21.71 1.74 0.00 | 24.40 1.78 -2.60 | 27.35 1.86 -5.51 | 28.27 1.89 -6.32 | 28.56 2.09 -5.59 | 31.39 2.23 -7.31 | 33.88 2.44 -7.73 | 44.00 2.85 -14.54 | 48.87 3.28 -13.41 | 57.87 3.08 -23.35 | 33.82 2.69 -1.90 | 36.85 2.43 -6.79 | 29.07 2.06 -2.47 | 23.05 1.82 -0.02 | 21.33 1.45 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 18.55 1.07 0.00 | 16.67 0.91 0.00 | 15.21 0.82 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.19 0.70 0.00 | 20.34 0.71 0.00 | 21.33 1.07 0.01 | 22.04 1.15 0.01 | 21.61 1.28 -0.36 | 22.37 1.36 -0.99 | 24.21 1.48 -2.75 | 24.23 1.53 -2.63 | 24.89 1.69 -2.32 | 25.61 1.79 -1.96 | 27.10 1.99 -1.41 | 30.24 2.26 -1.36 | 36.24 2.67 -1.39 | 48.04 2.42 -14.18 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.63 1.42 0.00 | 21.08 1.19 0.00 |
| FULTON COGEN____ 23766 | 17.30 -0.17 0.00 | 15.57 -0.19 0.00 | 14.22 -0.17 0.00 | 13.76 -0.17 0.00 | 14.18 -0.17 0.00 | 15.34 -0.15 0.00 | 19.42 -0.22 0.00 | 19.90 -0.36 0.00 | 20.57 -0.33 0.00 | 19.63 -0.34 0.00 | 19.68 -0.34 0.00 | 19.62 -0.36 0.00 | 19.69 -0.38 0.00 | 20.42 -0.46 0.00 | 21.40 -0.46 0.00 | 23.21 -0.50 0.00 | 26.06 -0.56 0.00 | 31.54 -0.64 0.00 | 30.87 -0.57 0.00 | 28.80 -0.44 0.00 | 27.21 -0.41 0.00 | 24.21 -0.32 0.00 | 20.89 -0.32 0.00 | 19.72 -0.16 0.00 |

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| FULTON___LFGE 323630 | 19.16 1.68 0.00 | 17.36 1.61 0.00 | 15.81 1.42 0.00 | 15.34 1.41 0.00 | 15.81 1.46 0.00 | 17.15 1.66 0.00 | 21.91 2.28 0.00 | 22.27 2.01 0.00 | 22.85 1.94 0.00 | 21.65 1.68 0.00 | 22.10 2.08 0.00 | 22.00 2.02 0.00 | 22.08 2.01 0.00 | 22.52 1.65 0.00 | 23.58 1.73 0.00 | 25.57 1.92 0.05 | 28.66 2.26 0.21 | 34.74 2.86 0.30 | 34.41 3.14 0.17 | 32.45 3.22 0.00 | 30.72 3.09 0.00 | 27.11 2.58 0.00 | 23.41 2.21 0.00 | 21.73 1.85 0.00 |
| G.F.CEMENT___DRP 24184 | 18.81 1.33 0.00 | 16.86 1.10 0.00 | 15.38 0.99 0.00 | 14.90 0.98 0.00 | 15.32 0.98 0.00 | 16.58 1.08 0.00 | 21.08 1.45 0.00 | 21.91 1.64 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.50 1.52 0.00 | 21.43 1.36 0.00 | 22.40 1.52 0.00 | 23.30 1.44 0.00 | 25.21 1.59 0.08 | 28.23 1.94 0.32 | 34.24 2.51 0.45 | 33.73 2.55 0.26 | 31.75 2.51 0.00 | 29.97 2.35 0.00 | 26.55 2.01 0.00 | 22.93 1.72 0.00 | 21.25 1.37 0.00 |
| GARDENVILLE___LBMP 24039 | 17.41 -0.07 0.00 | 15.60 -0.16 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.23 -0.11 0.00 | 15.45 -0.05 0.00 | 19.44 -0.20 0.00 | 19.70 -0.57 0.00 | 20.63 -0.27 0.00 | 19.79 -0.18 0.00 | 19.64 -0.38 0.00 | 19.34 -0.64 0.00 | 19.31 -0.76 0.00 | 19.87 -1.00 0.00 | 20.87 -0.98 0.00 | 22.52 -1.19 0.00 | 25.42 -1.20 0.00 | 30.60 -1.58 0.00 | 30.21 -1.23 0.00 | 28.27 -0.96 0.00 | 26.68 -0.94 0.00 | 23.99 -0.54 0.00 | 20.59 -0.62 0.00 | 19.72 -0.16 0.00 |
| GARDNVLA_35_KV_LD 355827 | 17.48 0.00 0.00 | 15.66 -0.09 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.29 -0.06 0.00 | 15.49 0.00 0.00 | 19.51 -0.12 0.00 | 19.78 -0.49 0.00 | 20.69 -0.21 0.00 | 19.87 -0.10 0.00 | 19.72 -0.30 0.00 | 19.44 -0.54 0.00 | 19.41 -0.66 0.00 | 19.96 -0.92 0.00 | 20.98 -0.87 0.00 | 22.64 -1.07 0.00 | 25.55 -1.06 0.00 | 30.77 -1.42 0.00 | 30.37 -1.07 0.00 | 28.42 -0.82 0.00 | 26.82 -0.80 0.00 | 24.12 -0.42 0.00 | 20.70 -0.51 0.00 | 19.82 -0.06 0.00 |
| GELCKHM___115KV_LOAD 80723 | 17.34 -0.14 0.00 | 15.61 -0.14 0.00 | 14.25 -0.14 0.00 | 13.80 -0.13 0.00 | 14.22 -0.13 0.00 | 15.37 -0.12 0.00 | 19.46 -0.18 0.00 | 19.96 -0.30 0.00 | 20.65 -0.25 0.00 | 19.73 -0.24 0.00 | 19.76 -0.26 0.00 | 19.68 -0.30 0.00 | 19.77 -0.30 0.00 | 20.50 -0.38 0.00 | 21.51 -0.35 0.00 | 23.30 -0.40 0.00 | 26.19 -0.43 0.00 | 31.70 -0.48 0.00 | 31.03 -0.41 0.00 | 28.91 -0.32 0.00 | 27.32 -0.30 0.00 | 24.29 -0.25 0.00 | 20.97 -0.23 0.00 | 19.76 -0.12 0.00 |
| GENERAL___MILLS 23808 | 17.44 -0.03 0.00 | 15.65 -0.11 0.00 | 14.33 -0.06 0.00 | 13.86 -0.07 0.00 | 14.26 -0.09 0.00 | 15.48 -0.02 0.00 | 19.49 -0.14 0.00 | 19.74 -0.53 0.00 | 20.67 -0.23 0.00 | 19.83 -0.14 0.00 | 19.70 -0.32 0.00 | 19.38 -0.60 0.00 | 19.37 -0.70 0.00 | 19.91 -0.96 0.00 | 20.91 -0.94 0.00 | 22.57 -1.14 0.00 | 25.50 -1.12 0.00 | 30.70 -1.48 0.00 | 30.31 -1.13 0.00 | 28.36 -0.88 0.00 | 26.74 -0.88 0.00 | 24.04 -0.49 0.00 | 20.64 -0.57 0.00 | 19.76 -0.12 0.00 |
| GE_PLASTICS___DRP 24183 | 17.85 0.37 0.00 | 16.12 0.36 0.00 | 14.75 0.36 0.00 | 14.28 0.35 0.00 | 14.68 0.33 0.00 | 15.82 0.33 0.00 | 20.04 0.41 0.00 | 20.79 0.53 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.50 0.48 0.00 | 20.54 0.56 0.00 | 20.67 0.60 0.00 | 21.56 0.69 0.00 | 22.51 0.66 0.00 | 24.38 0.73 0.05 | 27.25 0.85 0.22 | 32.81 0.93 0.31 | 32.11 0.85 0.18 | 29.99 0.76 0.00 | 28.29 0.66 0.00 | 25.10 0.56 0.00 | 21.78 0.57 0.00 | 20.28 0.40 0.00 |
| GILBOA___1 23756 | 17.86 0.38 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.83 0.34 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.60 0.73 0.00 | 22.64 0.79 0.00 | 24.58 0.88 0.00 | 27.63 1.01 0.00 | 33.34 1.16 0.00 | 32.51 1.07 0.00 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.25 0.71 0.00 | 21.82 0.62 0.00 | 20.36 0.48 0.00 |
| GILBOA___2 23757 | 17.86 0.38 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.83 0.34 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.60 0.73 0.00 | 22.64 0.79 0.00 | 24.58 0.88 0.00 | 27.63 1.01 0.00 | 33.34 1.16 0.00 | 32.51 1.07 0.00 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.25 0.71 0.00 | 21.82 0.62 0.00 | 20.36 0.48 0.00 |
| GILBOA___3 23758 | 17.86 0.38 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.83 0.34 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.60 0.73 0.00 | 22.64 0.79 0.00 | 24.58 0.88 0.00 | 27.63 1.01 0.00 | 33.34 1.16 0.00 | 32.51 1.07 0.00 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.25 0.71 0.00 | 21.82 0.62 0.00 | 20.36 0.48 0.00 |
| GILBOA___4 23759 | 17.86 0.38 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.83 0.34 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.60 0.73 0.00 | 22.64 0.79 0.00 | 24.58 0.88 0.00 | 27.63 1.01 0.00 | 33.34 1.16 0.00 | 32.51 1.07 0.00 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.25 0.71 0.00 | 21.82 0.62 0.00 | 20.36 0.48 0.00 |
| GILBOA___ 23599 | 17.86 0.38 0.00 | 16.18 0.43 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.72 0.37 0.00 | 15.83 0.34 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.63 0.75 0.00 | 22.62 0.76 0.00 | 24.56 0.85 0.00 | 27.57 0.96 0.00 | 33.28 1.09 0.00 | 32.42 0.97 0.00 | 30.11 0.88 0.00 | 28.40 0.77 0.00 | 25.22 0.69 0.00 | 21.82 0.62 0.00 | 20.36 0.48 0.00 |
| GINNA___ 23603 | 16.66 -0.82 0.00 | 14.99 -0.77 0.00 | 13.67 -0.72 0.00 | 13.23 -0.70 0.00 | 13.62 -0.73 0.00 | 14.81 -0.68 0.00 | 18.69 -0.94 0.00 | 19.13 -1.13 0.00 | 19.90 -1.00 0.00 | 19.03 -0.94 0.00 | 19.00 -1.02 0.00 | 18.84 -1.14 0.00 | 18.81 -1.26 0.00 | 19.48 -1.40 0.00 | 20.41 -1.44 0.00 | 22.04 -1.66 0.00 | 24.86 -1.76 0.00 | 30.09 -2.09 0.00 | 29.52 -1.92 0.00 | 27.54 -1.70 0.00 | 26.10 -1.52 0.00 | 23.26 -1.28 0.00 | 20.02 -1.19 0.00 | 18.93 -0.95 0.00 |
| GLEN PARK___ 23778 | 17.90 0.42 0.00 | 16.10 0.35 0.00 | 14.66 0.27 0.00 | 14.18 0.25 0.00 | 14.72 0.37 0.00 | 15.96 0.46 0.00 | 20.30 0.67 0.00 | 20.95 0.69 0.00 | 21.53 0.63 0.00 | 20.47 0.50 0.00 | 20.36 0.34 0.00 | 20.28 0.30 0.00 | 20.33 0.26 0.00 | 20.92 0.04 0.00 | 21.79 -0.07 0.00 | 23.73 0.02 0.00 | 26.53 -0.08 0.00 | 32.34 0.16 0.00 | 31.82 0.38 0.00 | 29.96 0.73 0.00 | 28.70 1.08 0.00 | 25.49 0.96 0.00 | 21.97 0.76 0.00 | 20.56 0.68 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 18.53 1.05 0.00 | 16.70 0.95 0.00 | 15.25 0.86 0.00 | 14.74 0.81 0.00 | 15.16 0.82 0.00 | 16.33 0.84 0.00 | 20.59 0.96 0.00 | 21.60 1.34 0.00 | 22.32 1.42 0.00 | 21.84 1.50 -0.37 | 22.62 1.60 -1.00 | 24.43 1.70 -2.75 | 24.43 1.73 -2.64 | 25.08 1.88 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.40 2.83 -1.39 | 34.34 2.61 -0.29 | 31.40 2.16 0.00 | 29.56 1.93 0.00 | 26.23 1.69 0.00 | 22.69 1.48 0.00 | 21.08 1.19 0.00 |

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| GLENWOOD_IC_1_G5 23712 | 18.62 1.14 0.00 | 16.70 0.95 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.33 0.84 0.00 | 20.75 1.12 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.53 1.56 0.00 | 24.26 1.64 -2.60 | 27.23 1.74 -5.51 | 28.17 1.79 -6.32 | 28.43 1.96 -5.59 | 31.22 2.05 -7.31 | 33.62 2.18 -7.74 | 43.55 2.40 -14.54 | 48.36 2.77 -13.41 | 57.27 2.48 -23.35 | 33.24 2.10 -1.90 | 36.32 1.91 -6.80 | 28.80 1.79 -2.47 | 22.80 1.57 -0.02 | 21.14 1.25 0.00 |
| GLENWOOD_IC_2_G1 23688 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.25 0.76 0.00 | 20.65 1.02 0.00 | 21.58 1.32 0.00 | 22.28 1.38 0.00 | 21.41 1.44 0.00 | 24.14 1.52 -2.60 | 27.11 1.62 -5.51 | 28.03 1.65 -6.32 | 28.28 1.82 -5.59 | 31.13 1.97 -7.31 | 33.59 2.16 -7.73 | 43.60 2.45 -14.54 | 48.39 2.80 -13.41 | 57.37 2.58 -23.35 | 33.38 2.25 -1.90 | 36.41 1.99 -6.79 | 28.70 1.69 -2.47 | 22.65 1.42 -0.02 | 21.02 1.13 0.00 |
| GLENWOOD_IC_3_G1 23689 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.25 0.76 0.00 | 20.65 1.02 0.00 | 21.58 1.32 0.00 | 22.28 1.38 0.00 | 21.41 1.44 0.00 | 24.14 1.52 -2.60 | 27.11 1.62 -5.51 | 28.03 1.65 -6.32 | 28.28 1.82 -5.59 | 31.13 1.97 -7.31 | 33.59 2.16 -7.73 | 43.60 2.45 -14.54 | 48.39 2.80 -13.41 | 57.37 2.58 -23.35 | 33.38 2.25 -1.90 | 36.41 1.99 -6.79 | 28.70 1.69 -2.47 | 22.65 1.42 -0.02 | 21.02 1.13 0.00 |
| GLENWOOD___4 23550 | 18.62 1.14 0.00 | 16.70 0.95 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.33 0.84 0.00 | 20.75 1.12 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.53 1.56 0.00 | 24.26 1.64 -2.60 | 27.23 1.74 -5.51 | 28.17 1.79 -6.32 | 28.43 1.96 -5.59 | 31.22 2.05 -7.31 | 33.67 2.23 -7.74 | 43.63 2.48 -14.54 | 48.42 2.83 -13.41 | 57.37 2.58 -23.35 | 33.33 2.19 -1.90 | 36.38 1.96 -6.80 | 28.80 1.79 -2.47 | 22.80 1.57 -0.02 | 21.14 1.25 0.00 |
| GLENWOOD___5 23614 | 18.62 1.14 0.00 | 16.70 0.95 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.33 0.84 0.00 | 20.75 1.12 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.53 1.56 0.00 | 24.26 1.64 -2.60 | 27.23 1.74 -5.51 | 28.17 1.79 -6.32 | 28.43 1.96 -5.59 | 31.22 2.05 -7.31 | 33.67 2.23 -7.74 | 43.63 2.48 -14.54 | 48.42 2.83 -13.41 | 57.37 2.58 -23.35 | 33.33 2.19 -1.90 | 36.38 1.96 -6.80 | 28.80 1.79 -2.47 | 22.80 1.57 -0.02 | 21.14 1.25 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 19.61 2.13 0.00 | 17.49 1.73 0.00 | 15.74 1.35 0.00 | 15.22 1.30 0.00 | 15.67 1.32 0.00 | 16.95 1.46 0.00 | 21.69 2.06 0.00 | 22.49 2.23 0.00 | 23.20 2.30 0.00 | 22.42 2.46 0.00 | 25.06 2.44 -2.60 | 28.11 2.62 -5.51 | 29.11 2.73 -6.32 | 29.43 2.96 -5.59 | 32.25 3.08 -7.31 | 34.85 3.41 -7.74 | 45.23 4.07 -14.54 | 50.39 4.80 -13.41 | 59.38 4.59 -23.35 | 35.23 4.09 -1.90 | 38.04 3.62 -6.80 | 30.00 2.99 -2.47 | 23.75 2.52 -0.02 | 22.01 2.13 0.00 |
| GLOBE___DSASP 323697 | 16.83 -0.65 0.00 | 15.08 -0.68 0.00 | 13.81 -0.58 0.00 | 13.41 -0.52 0.00 | 13.80 -0.55 0.00 | 14.90 -0.59 0.00 | 18.75 -0.88 0.00 | 18.91 -1.36 0.00 | 19.82 -1.09 0.00 | 18.99 -0.98 0.00 | 18.84 -1.18 0.00 | 18.54 -1.44 0.00 | 18.48 -1.59 0.00 | 19.04 -1.84 0.00 | 20.00 -1.86 0.00 | 21.55 -2.16 0.00 | 24.33 -2.29 0.00 | 29.25 -2.93 0.00 | 28.89 -2.55 0.00 | 27.07 -2.16 0.00 | 25.58 -2.04 0.00 | 23.01 -1.52 0.00 | 19.77 -1.44 0.00 | 19.01 -0.87 0.00 |
| GOETHSLN___LBMP 323567 | 18.35 0.87 0.00 | 16.56 0.80 0.00 | 15.12 0.73 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.24 0.74 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.20 1.30 0.00 | 21.69 1.34 -0.38 | 22.47 1.42 -1.03 | 24.36 1.54 -2.84 | 24.36 1.57 -2.72 | 24.99 1.71 -2.41 | 25.70 1.81 -2.03 | 27.14 1.99 -1.45 | 30.27 2.26 -1.40 | 36.15 2.54 -1.42 | 34.03 2.30 -0.29 | 31.13 1.90 0.00 | 29.34 1.71 0.00 | 26.01 1.47 0.00 | 22.46 1.25 0.00 | 20.86 0.97 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 17.48 0.00 0.00 | 15.73 -0.03 0.00 | 14.32 -0.07 0.00 | 13.87 -0.06 0.00 | 14.25 -0.10 0.00 | 15.51 0.02 0.00 | 19.59 -0.04 0.00 | 20.00 -0.26 0.00 | 20.80 -0.10 0.00 | 19.91 -0.06 0.00 | 19.84 -0.18 0.00 | 19.64 -0.34 0.00 | 19.59 -0.48 0.00 | 20.19 -0.69 0.00 | 21.24 -0.61 0.00 | 22.94 -0.76 0.00 | 25.84 -0.77 0.00 | 31.22 -0.97 0.00 | 30.69 -0.75 0.00 | 28.68 -0.56 0.00 | 27.21 -0.41 0.00 | 24.31 -0.22 0.00 | 20.87 -0.34 0.00 | 19.88 0.00 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 18.09 0.61 0.00 | 16.31 0.55 0.00 | 14.88 0.49 0.00 | 14.40 0.47 0.00 | 14.86 0.52 0.00 | 16.07 0.57 0.00 | 20.40 0.77 0.00 | 21.16 0.89 0.00 | 21.82 0.92 0.00 | 20.83 0.86 0.00 | 20.88 0.86 0.00 | 20.84 0.86 0.00 | 20.95 0.88 0.00 | 21.75 0.88 0.00 | 22.82 0.96 0.00 | 24.79 1.09 0.00 | 27.84 1.22 0.00 | 33.66 1.48 0.00 | 32.92 1.48 0.00 | 30.64 1.40 0.00 | 28.95 1.33 0.00 | 25.69 1.15 0.00 | 22.16 0.95 0.00 | 20.72 0.84 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 17.62 0.14 0.00 | 15.88 0.13 0.00 | 14.50 0.12 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.65 0.15 0.00 | 19.77 0.14 0.00 | 20.37 0.10 0.00 | 21.09 0.19 0.00 | 20.15 0.18 0.00 | 20.18 0.16 0.00 | 20.06 0.08 0.00 | 20.15 0.08 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.80 0.09 0.00 | 26.75 0.13 0.00 | 32.34 0.16 0.00 | 31.66 0.22 0.00 | 29.47 0.23 0.00 | 27.84 0.22 0.00 | 24.80 0.27 0.00 | 21.38 0.17 0.00 | 20.14 0.26 0.00 |
| GOUDEY___7 23579 | 17.64 0.16 0.00 | 15.90 0.14 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.48 0.13 0.00 | 15.66 0.17 0.00 | 19.79 0.16 0.00 | 20.39 0.12 0.00 | 21.11 0.21 0.00 | 20.17 0.20 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.17 0.10 0.00 | 20.96 0.08 0.00 | 21.96 0.11 0.00 | 23.82 0.12 0.00 | 26.77 0.16 0.00 | 32.37 0.19 0.00 | 31.69 0.25 0.00 | 29.50 0.26 0.00 | 27.84 0.22 0.00 | 24.83 0.29 0.00 | 21.40 0.19 0.00 | 20.16 0.28 0.00 |
| GOUDEY___8 23580 | 17.62 0.14 0.00 | 15.88 0.13 0.00 | 14.50 0.12 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.65 0.15 0.00 | 19.77 0.14 0.00 | 20.37 0.10 0.00 | 21.09 0.19 0.00 | 20.15 0.18 0.00 | 20.18 0.16 0.00 | 20.06 0.08 0.00 | 20.15 0.08 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.80 0.09 0.00 | 26.75 0.13 0.00 | 32.34 0.16 0.00 | 31.66 0.22 0.00 | 29.47 0.23 0.00 | 27.84 0.22 0.00 | 24.80 0.27 0.00 | 21.38 0.17 0.00 | 20.14 0.26 0.00 |
| GOWANUS_GT1_1 24077 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_2 24078 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOWANUS_GT1_3 24079 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_4 24080 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_5 24084 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_6 24111 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_7 24112 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT1_8 24113 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_1 24114 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_2 24115 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_3 24116 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_4 24117 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_5 24118 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_6 24119 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_7 24120 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT2_8 24121 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_1 24122 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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| GOWANUS_GT3_2 24123 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_3 24124 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_4 24125 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_5 24126 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_6 24127 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_7 24128 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT3_8 24129 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_1 24130 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_2 24131 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_3 24132 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_4 24133 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_5 24134 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_6 24135 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_7 24136 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GOWANUS_GT4_8 24137 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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| GREENBSH_115KV_TB3 55895 | 17.78 0.30 0.00 | 16.07 0.32 0.00 | 14.72 0.33 0.00 | 14.25 0.32 0.00 | 14.63 0.29 0.00 | 15.76 0.26 0.00 | 19.99 0.35 0.00 | 20.71 0.45 0.00 | 21.28 0.38 0.00 | 20.29 0.32 0.00 | 20.42 0.40 0.00 | 20.48 0.50 0.00 | 20.59 0.52 0.00 | 21.50 0.63 0.00 | 22.42 0.57 0.00 | 24.27 0.64 0.07 | 27.04 0.72 0.29 | 32.58 0.80 0.40 | 31.93 0.72 0.23 | 29.88 0.64 0.00 | 28.18 0.55 0.00 | 25.00 0.47 0.00 | 21.72 0.51 0.00 | 20.18 0.30 0.00 |
| GREENDGE_115KV_TB5 80291 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.50 0.12 0.00 | 14.07 0.14 0.00 | 14.49 0.14 0.00 | 15.63 0.14 0.00 | 19.75 0.12 0.00 | 20.24 -0.02 0.00 | 21.01 0.10 0.00 | 20.07 0.10 0.00 | 20.08 0.06 0.00 | 19.86 -0.12 0.00 | 19.93 -0.14 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.35 -0.36 0.00 | 26.30 -0.32 0.00 | 31.86 -0.32 0.00 | 31.31 -0.13 0.00 | 29.26 0.03 0.00 | 27.65 0.03 0.00 | 24.68 0.15 0.00 | 21.21 0.00 0.00 | 20.06 0.18 0.00 |
| GREENIDGE___3 23582 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.50 0.12 0.00 | 14.07 0.14 0.00 | 14.49 0.14 0.00 | 15.63 0.14 0.00 | 19.75 0.12 0.00 | 20.24 -0.02 0.00 | 21.01 0.10 0.00 | 20.07 0.10 0.00 | 20.08 0.06 0.00 | 19.86 -0.12 0.00 | 19.93 -0.14 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.35 -0.36 0.00 | 26.30 -0.32 0.00 | 31.86 -0.32 0.00 | 31.31 -0.13 0.00 | 29.26 0.03 0.00 | 27.65 0.03 0.00 | 24.68 0.15 0.00 | 21.21 0.00 0.00 | 20.06 0.18 0.00 |
| GREENIDGE___4 23583 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.52 0.13 0.00 | 14.07 0.14 0.00 | 14.49 0.14 0.00 | 15.66 0.17 0.00 | 19.75 0.12 0.00 | 20.26 0.00 0.00 | 21.01 0.11 0.00 | 20.07 0.10 0.00 | 20.08 0.06 0.00 | 19.88 -0.10 0.00 | 19.93 -0.14 0.00 | 20.65 -0.23 0.00 | 21.59 -0.26 0.00 | 23.37 -0.33 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.38 -0.06 0.00 | 29.26 0.03 0.00 | 27.71 0.08 0.00 | 24.68 0.15 0.00 | 21.23 0.02 0.00 | 20.06 0.18 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 18.84 1.36 0.00 | 16.83 1.07 0.00 | 15.24 0.85 0.00 | 14.72 0.79 0.00 | 15.15 0.80 0.00 | 16.39 0.90 0.00 | 20.89 1.26 0.00 | 21.84 1.58 0.00 | 22.55 1.65 0.00 | 21.73 1.76 0.00 | 24.42 1.80 -2.60 | 27.41 1.92 -5.51 | 28.35 1.97 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.98 2.54 -7.74 | 44.03 2.87 -14.54 | 48.94 3.35 -13.41 | 57.88 3.08 -23.35 | 33.83 2.69 -1.90 | 36.85 2.43 -6.80 | 29.07 2.06 -2.47 | 23.03 1.80 -0.02 | 21.35 1.47 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| GRISSOM___SOLAR 323813 | 19.16 1.68 0.00 | 17.36 1.61 0.00 | 15.81 1.42 0.00 | 15.34 1.41 0.00 | 15.81 1.46 0.00 | 17.15 1.66 0.00 | 21.91 2.28 0.00 | 22.27 2.01 0.00 | 22.85 1.94 0.00 | 21.65 1.68 0.00 | 22.10 2.08 0.00 | 22.00 2.02 0.00 | 22.08 2.01 0.00 | 22.52 1.65 0.00 | 23.58 1.73 0.00 | 25.57 1.92 0.05 | 28.66 2.26 0.21 | 34.74 2.86 0.30 | 34.41 3.14 0.17 | 32.45 3.22 0.00 | 30.72 3.09 0.00 | 27.11 2.58 0.00 | 23.41 2.21 0.00 | 21.73 1.85 0.00 |
| GROVEVILLE___HYD 323602 | 18.23 0.75 0.00 | 16.43 0.68 0.00 | 15.05 0.66 0.00 | 14.56 0.63 0.00 | 14.98 0.63 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.44 1.18 0.00 | 22.09 1.19 0.00 | 21.05 1.08 0.00 | 21.22 1.20 0.00 | 21.32 1.34 0.00 | 21.43 1.36 0.00 | 22.38 1.50 0.00 | 23.43 1.57 0.00 | 25.52 1.75 -0.06 | 28.85 2.00 -0.24 | 34.87 2.35 -0.33 | 33.74 2.11 -0.19 | 31.05 1.81 0.00 | 29.20 1.57 0.00 | 25.83 1.30 0.00 | 22.27 1.06 0.00 | 20.70 0.82 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 17.51 0.03 0.00 | 15.76 0.00 0.00 | 14.37 -0.01 0.00 | 13.93 0.00 0.00 | 14.33 -0.01 0.00 | 15.52 0.03 0.00 | 19.63 0.00 0.00 | 20.16 -0.10 0.00 | 20.86 -0.04 0.00 | 19.91 -0.06 0.00 | 19.94 -0.08 0.00 | 19.84 -0.14 0.00 | 19.91 -0.16 0.00 | 20.67 -0.21 0.00 | 21.68 -0.17 0.00 | 23.49 -0.21 0.00 | 26.40 -0.21 0.00 | 31.99 -0.19 0.00 | 31.31 -0.13 0.00 | 29.18 -0.06 0.00 | 27.60 -0.03 0.00 | 24.56 0.02 0.00 | 21.17 -0.04 0.00 | 19.96 0.08 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.77 -0.09 0.00 | 23.59 -0.12 0.00 | 26.24 -0.37 0.00 | 31.92 -0.26 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.02 0.49 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 17.36 -0.12 0.00 | 15.66 -0.09 0.00 | 14.27 -0.12 0.00 | 13.80 -0.13 0.00 | 14.22 -0.13 0.00 | 15.37 -0.12 0.00 | 19.52 -0.12 0.00 | 20.08 -0.18 0.00 | 20.69 -0.21 0.00 | 19.73 -0.24 0.00 | 19.82 -0.20 0.00 | 19.72 -0.26 0.00 | 19.77 -0.30 0.00 | 20.44 -0.44 0.00 | 21.35 -0.50 0.00 | 23.20 -0.50 0.00 | 26.05 -0.56 0.00 | 31.47 -0.71 0.00 | 30.78 -0.66 0.00 | 28.65 -0.58 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.62 -0.26 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 18.14 0.66 0.00 | 16.37 0.61 0.00 | 14.98 0.59 0.00 | 14.49 0.56 0.00 | 14.91 0.56 0.00 | 16.13 0.64 0.00 | 20.42 0.79 0.00 | 21.30 1.03 0.00 | 21.97 1.07 0.00 | 20.99 1.02 0.00 | 21.16 1.14 0.00 | 21.26 1.28 0.00 | 21.39 1.32 0.00 | 22.29 1.42 0.00 | 23.34 1.49 0.00 | 25.43 1.66 -0.07 | 28.77 1.89 -0.27 | 34.74 2.19 -0.37 | 33.61 1.95 -0.22 | 30.87 1.64 0.00 | 29.03 1.41 0.00 | 25.71 1.18 0.00 | 22.18 0.98 0.00 | 20.64 0.76 0.00 |
| HARSNRAD_115KV_TB1 81005 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.17 -0.22 0.00 | 13.69 -0.24 0.00 | 14.09 -0.26 0.00 | 15.28 -0.22 0.00 | 19.24 -0.39 0.00 | 19.41 -0.85 0.00 | 20.34 -0.56 0.00 | 19.51 -0.46 0.00 | 19.34 -0.68 0.00 | 19.04 -0.94 0.00 | 18.99 -1.08 0.00 | 19.52 -1.36 0.00 | 20.52 -1.33 0.00 | 22.12 -1.59 0.00 | 24.96 -1.65 0.00 | 30.06 -2.12 0.00 | 29.68 -1.76 0.00 | 27.80 -1.43 0.00 | 26.27 -1.35 0.00 | 23.65 -0.88 0.00 | 20.30 -0.91 0.00 | 19.49 -0.40 0.00 |
| HARZA MOOSE___RIVER 24016 | 17.78 0.30 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.14 0.51 0.00 | 20.77 0.51 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.32 0.30 0.00 | 20.22 0.24 0.00 | 20.27 0.20 0.00 | 20.92 0.04 0.00 | 21.90 0.04 0.00 | 23.80 0.09 0.00 | 26.67 0.05 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.70 0.47 0.00 | 28.37 0.75 0.00 | 25.17 0.64 0.00 | 21.72 0.51 0.00 | 20.32 0.44 0.00 |

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| HDSNBRDG_115KV_BRDG_TB1 355580 | 17.36 -0.12 0.00 | 15.63 -0.13 0.00 | 14.26 -0.13 0.00 | 13.82 -0.11 0.00 | 14.22 -0.13 0.00 | 15.38 -0.11 0.00 | 19.48 -0.16 0.00 | 19.98 -0.28 0.00 | 20.67 -0.23 0.00 | 19.75 -0.22 0.00 | 19.80 -0.22 0.00 | 19.72 -0.26 0.00 | 19.81 -0.26 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.35 -0.36 0.00 | 26.22 -0.40 0.00 | 31.73 -0.45 0.00 | 31.03 -0.41 0.00 | 28.91 -0.32 0.00 | 27.32 -0.30 0.00 | 24.31 -0.22 0.00 | 20.97 -0.23 0.00 | 19.78 -0.10 0.00 |
| HELLGATE_13_KV_LD 55870 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.28 0.79 0.00 | 20.50 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.31 1.61 -2.64 | 24.98 1.77 -2.33 | 25.68 1.86 -1.97 | 27.15 2.04 -1.41 | 30.29 2.32 -1.36 | 36.18 2.61 -1.39 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.28 0.79 0.00 | 20.50 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.31 1.61 -2.64 | 24.98 1.77 -2.33 | 25.68 1.86 -1.97 | 27.15 2.04 -1.41 | 30.29 2.32 -1.36 | 36.18 2.61 -1.39 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.39 1.77 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |
| HEMPSTEAD____ 23647 | 18.65 1.17 0.00 | 16.70 0.95 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.27 0.77 0.00 | 20.71 1.08 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.55 1.58 0.00 | 24.24 1.62 -2.60 | 27.19 1.70 -5.51 | 28.13 1.75 -6.32 | 28.41 1.94 -5.59 | 31.24 2.08 -7.31 | 33.71 2.28 -7.73 | 43.76 2.61 -14.54 | 48.58 2.99 -13.41 | 57.56 2.77 -23.35 | 33.53 2.40 -1.90 | 36.57 2.16 -6.79 | 28.87 1.86 -2.47 | 22.84 1.61 -0.02 | 21.16 1.27 0.00 |
| HEWLETT__69_KV_BK3 55828 | 18.77 1.29 0.00 | 16.84 1.09 0.00 | 15.27 0.88 0.00 | 14.75 0.82 0.00 | 15.18 0.83 0.00 | 16.41 0.91 0.00 | 20.89 1.26 0.00 | 21.80 1.54 0.00 | 22.51 1.61 0.00 | 21.69 1.72 0.00 | 24.40 1.78 -2.60 | 27.37 1.88 -5.51 | 28.27 1.89 -6.32 | 28.51 2.05 -5.59 | 31.30 2.14 -7.31 | 33.83 2.39 -7.73 | 43.74 2.58 -14.54 | 48.61 3.03 -13.41 | 57.53 2.74 -23.35 | 33.62 2.48 -1.90 | 36.68 2.27 -6.79 | 28.92 1.91 -2.47 | 22.99 1.76 -0.02 | 21.29 1.41 0.00 |
| HICKLING___1 23621 | 17.90 0.42 0.00 | 16.09 0.33 0.00 | 14.69 0.30 0.00 | 14.25 0.32 0.00 | 14.66 0.32 0.00 | 15.90 0.40 0.00 | 20.02 0.39 0.00 | 20.65 0.39 0.00 | 21.47 0.56 0.00 | 20.51 0.54 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.35 0.28 0.00 | 20.90 0.02 0.00 | 21.90 0.04 0.00 | 23.75 0.05 0.00 | 26.69 0.08 0.00 | 32.28 0.10 0.00 | 31.69 0.25 0.00 | 29.58 0.35 0.00 | 27.93 0.30 0.00 | 24.97 0.44 0.00 | 21.46 0.25 0.00 | 20.34 0.46 0.00 |
| HICKLING___2 23622 | 17.90 0.42 0.00 | 16.09 0.33 0.00 | 14.69 0.30 0.00 | 14.25 0.32 0.00 | 14.66 0.32 0.00 | 15.90 0.40 0.00 | 20.02 0.39 0.00 | 20.65 0.39 0.00 | 21.47 0.56 0.00 | 20.51 0.54 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.35 0.28 0.00 | 20.90 0.02 0.00 | 21.90 0.04 0.00 | 23.75 0.05 0.00 | 26.69 0.08 0.00 | 32.28 0.10 0.00 | 31.69 0.25 0.00 | 29.58 0.35 0.00 | 27.93 0.30 0.00 | 24.97 0.44 0.00 | 21.46 0.25 0.00 | 20.34 0.46 0.00 |
| HIGH FALLS___HY 23754 | 18.00 0.52 0.00 | 16.25 0.49 0.00 | 14.88 0.49 0.00 | 14.39 0.46 0.00 | 14.82 0.47 0.00 | 16.05 0.56 0.00 | 20.32 0.69 0.00 | 21.18 0.91 0.00 | 21.84 0.94 0.00 | 20.83 0.86 0.00 | 21.04 1.02 0.00 | 21.14 1.16 0.00 | 21.27 1.20 0.00 | 22.11 1.23 0.00 | 23.19 1.33 0.00 | 25.28 1.54 -0.03 | 28.54 1.78 -0.14 | 34.50 2.12 -0.20 | 33.44 1.89 -0.11 | 30.75 1.52 0.00 | 28.89 1.27 0.00 | 25.59 1.05 0.00 | 22.04 0.83 0.00 | 20.50 0.62 0.00 |
| HILLBURN___GT 23639 | 18.18 0.70 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.58 0.00 | 14.94 0.59 0.00 | 16.11 0.62 0.00 | 20.42 0.79 0.00 | 21.30 1.03 0.00 | 21.97 1.07 0.00 | 21.05 1.08 0.00 | 21.24 1.22 0.00 | 21.30 1.32 0.00 | 21.45 1.38 0.00 | 22.36 1.48 0.00 | 23.47 1.62 0.00 | 25.55 1.78 -0.07 | 28.94 2.05 -0.28 | 34.88 2.32 -0.39 | 33.74 2.07 -0.22 | 30.96 1.72 0.00 | 29.14 1.52 0.00 | 25.81 1.27 0.00 | 22.23 1.02 0.00 | 20.70 0.82 0.00 |
| HILLSIDE_115KV_TB1 80332 | 17.58 0.10 0.00 | 15.87 0.11 0.00 | 14.49 0.10 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.66 0.17 0.00 | 19.73 0.10 0.00 | 20.32 0.06 0.00 | 21.11 0.21 0.00 | 20.17 0.20 0.00 | 20.20 0.18 0.00 | 20.02 0.04 0.00 | 20.15 0.08 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.44 -0.26 0.00 | 26.35 -0.27 0.00 | 31.83 -0.35 0.00 | 31.22 -0.22 0.00 | 29.09 -0.15 0.00 | 27.46 -0.17 0.00 | 24.56 0.02 0.00 | 21.12 -0.08 0.00 | 20.00 0.12 0.00 |
| HISHELDN_WT_PWR 323625 | 17.39 -0.09 0.00 | 15.60 -0.16 0.00 | 14.30 -0.09 0.00 | 13.85 -0.08 0.00 | 14.25 -0.10 0.00 | 15.51 0.02 0.00 | 19.46 -0.18 0.00 | 19.78 -0.49 0.00 | 20.67 -0.23 0.00 | 19.81 -0.16 0.00 | 19.66 -0.36 0.00 | 19.42 -0.56 0.00 | 19.33 -0.74 0.00 | 20.00 -0.88 0.00 | 20.94 -0.92 0.00 | 22.57 -1.14 0.00 | 25.47 -1.14 0.00 | 30.73 -1.45 0.00 | 30.31 -1.13 0.00 | 28.33 -0.91 0.00 | 26.85 -0.77 0.00 | 24.07 -0.47 0.00 | 20.72 -0.49 0.00 | 19.76 -0.12 0.00 |
| HOLTSVILLE_IC_1 23690 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.95 2.51 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| HOLTSVILLE_IC_10 23699 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.48 1.86 -2.60 | 27.49 2.00 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.61 2.45 -7.31 | 34.14 2.70 -7.74 | 44.37 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.29 3.16 -1.90 | 37.24 2.82 -6.80 | 29.34 2.33 -2.47 | 23.20 1.97 -0.02 | 21.51 1.63 0.00 |
| HOLTSVILLE_IC_2 23691 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.95 2.51 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| HOLTSVILLE_IC_3 23692 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.95 2.51 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |

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| HOLTSVILLE_IC_4 23693 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.95 2.51 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| HOLTSVILLE_IC_5 23694 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.66 2.19 -5.59 | 31.44 2.27 -7.31 | 33.95 2.51 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| HOLTSVILLE_IC_6 23695 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.48 1.86 -2.60 | 27.49 2.00 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.61 2.45 -7.31 | 34.14 2.70 -7.74 | 44.37 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.29 3.16 -1.90 | 37.24 2.82 -6.80 | 29.34 2.33 -2.47 | 23.20 1.97 -0.02 | 21.51 1.63 0.00 |
| HOLTSVILLE_IC_7 23696 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.48 1.86 -2.60 | 27.49 2.00 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.61 2.45 -7.31 | 34.14 2.70 -7.74 | 44.37 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.29 3.16 -1.90 | 37.24 2.82 -6.80 | 29.34 2.33 -2.47 | 23.20 1.97 -0.02 | 21.51 1.63 0.00 |
| HOLTSVILLE_IC_8 23697 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.48 1.86 -2.60 | 27.49 2.00 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.61 2.45 -7.31 | 34.14 2.70 -7.74 | 44.37 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.29 3.16 -1.90 | 37.24 2.82 -6.80 | 29.34 2.33 -2.47 | 23.20 1.97 -0.02 | 21.51 1.63 0.00 |
| HOLTSVILLE_IC_9 23698 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.48 1.86 -2.60 | 27.49 2.00 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.61 2.45 -7.31 | 34.14 2.70 -7.74 | 44.37 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.29 3.16 -1.90 | 37.24 2.82 -6.80 | 29.34 2.33 -2.47 | 23.20 1.97 -0.02 | 21.51 1.63 0.00 |
| HOMER_HL_115KV_TB2 355744 | 17.46 -0.02 0.00 | 15.69 -0.06 0.00 | 14.36 -0.03 0.00 | 13.90 -0.03 0.00 | 14.30 -0.04 0.00 | 15.56 0.06 0.00 | 19.55 -0.08 0.00 | 20.10 -0.16 0.00 | 21.01 0.10 0.00 | 20.15 0.18 0.00 | 20.00 -0.02 0.00 | 19.72 -0.26 0.00 | 19.81 -0.26 0.00 | 20.42 -0.46 0.00 | 21.42 -0.44 0.00 | 23.18 -0.52 0.00 | 26.08 -0.53 0.00 | 31.38 -0.80 0.00 | 30.91 -0.53 0.00 | 28.80 -0.44 0.00 | 27.13 -0.50 0.00 | 24.39 -0.15 0.00 | 20.91 -0.30 0.00 | 19.94 0.06 0.00 |
| HOWARD_WT_PWR 323690 | 17.79 0.31 0.00 | 15.98 0.22 0.00 | 14.61 0.22 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.85 0.36 0.00 | 19.95 0.31 0.00 | 20.43 0.16 0.00 | 21.26 0.36 0.00 | 20.29 0.32 0.00 | 20.22 0.20 0.00 | 19.94 -0.04 0.00 | 19.95 -0.12 0.00 | 20.56 -0.31 0.00 | 21.53 -0.33 0.00 | 23.28 -0.43 0.00 | 26.27 -0.35 0.00 | 31.83 -0.35 0.00 | 31.41 -0.03 0.00 | 29.38 0.15 0.00 | 27.84 0.22 0.00 | 24.90 0.37 0.00 | 21.40 0.19 0.00 | 20.30 0.42 0.00 |
| HQ_GEN_CEDARS 23644 | 17.53 0.05 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.45 0.10 0.00 | 15.57 0.08 0.00 | 19.77 0.14 0.00 | 20.43 0.16 0.00 | 21.01 0.10 0.00 | 20.11 0.14 0.00 | 20.12 0.10 0.00 | 20.04 0.06 0.00 | 20.11 0.04 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.61 -0.09 0.00 | 26.37 -0.24 0.00 | 31.99 -0.19 0.00 | 31.35 -0.09 0.00 | 29.18 -0.06 0.00 | 27.73 0.11 0.00 | 24.56 0.02 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 17.53 0.05 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.45 0.10 0.00 | 15.57 0.08 0.00 | 19.77 0.14 0.00 | 20.43 0.16 0.00 | 21.01 0.11 0.00 | 20.11 0.14 0.00 | 20.12 0.10 0.00 | 20.04 0.06 0.00 | 20.11 0.04 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.66 -0.05 0.00 | 26.37 -0.24 0.00 | 31.99 -0.19 0.00 | 31.35 -0.09 0.00 | 29.18 -0.06 0.00 | 27.73 0.11 0.00 | 24.61 0.07 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| HQ_GEN_IMPORT 323601 | 17.39 -0.09 0.00 | 15.68 -0.08 0.00 | 14.32 -0.07 0.00 | 13.86 -0.07 0.00 | 14.29 -0.06 0.00 | 15.42 -0.08 0.00 | 19.55 -0.08 0.00 | 20.20 -0.06 0.00 | 20.82 -0.08 0.00 | 19.89 -0.08 0.00 | 19.94 -0.08 0.00 | 19.88 -0.10 0.00 | 19.95 -0.12 0.00 | 20.75 -0.12 0.00 | 21.72 -0.13 0.00 | 23.54 -0.16 0.00 | 26.40 -0.21 0.00 | 31.96 -0.22 0.00 | 31.25 -0.19 0.00 | 29.06 -0.17 0.00 | 27.49 -0.14 0.00 | 24.41 -0.12 0.00 | 21.08 -0.13 0.00 | 19.74 -0.14 0.00 |
| HQ_GEN_WHEEL 23651 | 17.39 -0.09 0.00 | 15.68 -0.08 0.00 | 14.32 -0.07 0.00 | 13.86 -0.07 0.00 | 14.29 -0.06 0.00 | 15.42 -0.08 0.00 | 19.55 -0.08 0.00 | 20.20 -0.06 0.00 | 20.82 -0.08 0.00 | 19.89 -0.08 0.00 | 19.94 -0.08 0.00 | 19.88 -0.10 0.00 | 19.95 -0.12 0.00 | 20.75 -0.12 0.00 | 21.72 -0.13 0.00 | 23.54 -0.16 0.00 | 26.40 -0.21 0.00 | 31.96 -0.22 0.00 | 31.25 -0.19 0.00 | 29.06 -0.17 0.00 | 27.49 -0.14 0.00 | 24.41 -0.12 0.00 | 21.08 -0.13 0.00 | 19.74 -0.14 0.00 |
| HUDSON_AVE_GT_3 23810 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.53 1.48 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.05 1.77 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.33 2.32 -1.40 | 36.27 2.67 -1.42 | 34.15 2.42 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 20.96 1.07 0.00 |
| HUDSON_AVE_GT_4 23540 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.53 1.48 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.05 1.77 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.33 2.32 -1.40 | 36.27 2.67 -1.42 | 34.15 2.42 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 20.96 1.07 0.00 |
| HUDSON_AVE_GT_5 23657 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.77 1.42 -0.38 | 22.53 1.48 -1.03 | 24.42 1.60 -2.84 | 24.42 1.63 -2.72 | 25.05 1.77 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.33 2.32 -1.40 | 36.27 2.67 -1.42 | 34.15 2.42 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 20.96 1.07 0.00 |

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| HUDSON_AVE_10 24168 | 18.39 0.91 0.00 | 16.58 0.82 0.00 | 15.14 0.75 0.00 | 14.64 0.71 0.00 | 15.05 0.70 0.00 | 16.25 0.76 0.00 | 20.55 0.92 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.71 1.36 -0.38 | 22.45 1.40 -1.03 | 24.34 1.52 -2.84 | 24.34 1.55 -2.72 | 24.99 1.71 -2.41 | 25.66 1.77 -2.03 | 27.09 1.94 -1.45 | 30.22 2.21 -1.40 | 36.15 2.54 -1.42 | 34.03 2.30 -0.29 | 31.16 1.93 0.00 | 29.36 1.74 0.00 | 26.03 1.50 0.00 | 22.54 1.34 0.00 | 20.92 1.03 0.00 |
| HUDSON___115KV_TB 4 355613 | 18.02 0.54 0.00 | 16.23 0.47 0.00 | 14.89 0.50 0.00 | 14.40 0.47 0.00 | 14.81 0.46 0.00 | 15.97 0.48 0.00 | 20.30 0.67 0.00 | 21.07 0.81 0.00 | 21.61 0.71 0.00 | 20.53 0.56 0.00 | 20.62 0.60 0.00 | 20.70 0.72 0.00 | 20.81 0.74 0.00 | 21.77 0.90 0.00 | 22.69 0.83 0.00 | 24.67 1.02 0.05 | 27.56 1.14 0.20 | 33.28 1.38 0.28 | 32.63 1.35 0.16 | 30.43 1.20 0.00 | 28.67 1.05 0.00 | 25.42 0.88 0.00 | 22.01 0.81 0.00 | 20.46 0.58 0.00 |
| HUNTER MOUNT___DRP 323613 | 18.09 0.61 0.00 | 16.23 0.47 0.00 | 14.92 0.53 0.00 | 14.44 0.52 0.00 | 14.84 0.49 0.00 | 16.04 0.54 0.00 | 20.40 0.77 0.00 | 21.18 0.91 0.00 | 21.72 0.82 0.00 | 20.53 0.56 0.00 | 20.60 0.58 0.00 | 20.66 0.68 0.00 | 20.79 0.72 0.00 | 21.81 0.94 0.00 | 22.69 0.83 0.00 | 24.79 1.11 0.03 | 27.74 1.25 0.13 | 33.55 1.54 0.18 | 32.85 1.51 0.10 | 30.55 1.32 0.00 | 28.76 1.13 0.00 | 25.47 0.93 0.00 | 22.06 0.85 0.00 | 20.48 0.60 0.00 |
| HUNTINGTON_RES_REC 323705 | 18.98 1.50 0.00 | 16.91 1.15 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.19 0.85 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.93 1.66 0.00 | 22.64 1.73 0.00 | 21.80 1.84 0.00 | 24.46 1.84 -2.60 | 27.47 1.98 -5.51 | 28.45 2.07 -6.32 | 28.79 2.32 -5.59 | 31.64 2.47 -7.31 | 34.17 2.72 -7.74 | 44.35 3.19 -14.54 | 49.23 3.64 -13.41 | 58.22 3.43 -23.35 | 34.23 3.10 -1.90 | 37.21 2.79 -6.80 | 29.31 2.31 -2.47 | 23.18 1.95 -0.02 | 21.47 1.59 0.00 |
| HUNTLEY___63 23557 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.32 -0.17 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.12 -0.86 0.00 | 19.07 -1.00 0.00 | 19.60 -1.27 0.00 | 20.61 -1.25 0.00 | 22.21 -1.49 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.84 -1.60 0.00 | 27.95 -1.29 0.00 | 26.38 -1.24 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HUNTLEY___64 23558 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.32 -0.17 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.12 -0.86 0.00 | 19.07 -1.00 0.00 | 19.60 -1.27 0.00 | 20.61 -1.25 0.00 | 22.21 -1.49 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.84 -1.60 0.00 | 27.95 -1.29 0.00 | 26.38 -1.24 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HUNTLEY___65 23559 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.32 -0.17 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.12 -0.86 0.00 | 19.07 -1.00 0.00 | 19.60 -1.27 0.00 | 20.61 -1.25 0.00 | 22.21 -1.49 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.84 -1.60 0.00 | 27.95 -1.29 0.00 | 26.38 -1.24 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HUNTLEY___66 23560 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.32 -0.17 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.12 -0.86 0.00 | 19.07 -1.00 0.00 | 19.60 -1.27 0.00 | 20.61 -1.25 0.00 | 22.21 -1.49 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.84 -1.60 0.00 | 27.95 -1.29 0.00 | 26.38 -1.24 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HUNTLEY___67 23561 | 17.25 -0.23 0.00 | 15.46 -0.30 0.00 | 14.16 -0.23 0.00 | 13.72 -0.21 0.00 | 14.10 -0.24 0.00 | 15.29 -0.20 0.00 | 19.26 -0.37 0.00 | 19.45 -0.81 0.00 | 20.38 -0.52 0.00 | 19.55 -0.42 0.00 | 19.40 -0.62 0.00 | 19.10 -0.88 0.00 | 19.07 -1.00 0.00 | 19.62 -1.25 0.00 | 20.61 -1.25 0.00 | 22.23 -1.47 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.81 -1.63 0.00 | 27.92 -1.32 0.00 | 26.35 -1.27 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HUNTLEY___68 23562 | 17.25 -0.23 0.00 | 15.46 -0.30 0.00 | 14.16 -0.23 0.00 | 13.72 -0.21 0.00 | 14.10 -0.24 0.00 | 15.29 -0.20 0.00 | 19.26 -0.37 0.00 | 19.45 -0.81 0.00 | 20.38 -0.52 0.00 | 19.55 -0.42 0.00 | 19.40 -0.62 0.00 | 19.10 -0.88 0.00 | 19.07 -1.00 0.00 | 19.62 -1.25 0.00 | 20.61 -1.25 0.00 | 22.23 -1.47 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.81 -1.63 0.00 | 27.92 -1.32 0.00 | 26.35 -1.27 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| HYLAND___LFGE 323620 | 18.18 0.70 0.00 | 16.28 0.52 0.00 | 14.82 0.43 0.00 | 14.36 0.43 0.00 | 14.76 0.42 0.00 | 16.14 0.65 0.00 | 20.30 0.67 0.00 | 20.79 0.53 0.00 | 21.43 0.52 0.00 | 20.13 0.16 0.00 | 19.94 -0.08 0.00 | 19.70 -0.28 0.00 | 19.47 -0.60 0.00 | 20.14 -0.73 0.00 | 21.13 -0.72 0.00 | 22.90 -0.81 0.00 | 25.92 -0.69 0.00 | 31.57 -0.61 0.00 | 31.50 0.06 0.00 | 29.88 0.64 0.00 | 28.59 0.97 0.00 | 25.54 1.01 0.00 | 21.93 0.72 0.00 | 20.76 0.87 0.00 |
| INDECK___CORINTH 23802 | 18.77 1.29 0.00 | 16.83 1.07 0.00 | 15.35 0.96 0.00 | 14.88 0.95 0.00 | 15.29 0.95 0.00 | 16.55 1.05 0.00 | 21.06 1.43 0.00 | 21.86 1.60 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.48 1.50 0.00 | 21.39 1.32 0.00 | 22.31 1.44 0.00 | 23.25 1.40 0.00 | 25.19 1.56 0.08 | 28.24 1.94 0.31 | 34.28 2.54 0.44 | 33.77 2.58 0.25 | 31.78 2.54 0.00 | 30.00 2.38 0.00 | 26.55 2.01 0.00 | 22.88 1.68 0.00 | 21.24 1.35 0.00 |
| INDECK___ILION 23567 | 17.44 -0.03 0.00 | 15.76 0.00 0.00 | 14.37 -0.01 0.00 | 13.90 -0.03 0.00 | 14.33 -0.01 0.00 | 15.48 -0.02 0.00 | 19.63 0.00 0.00 | 20.22 -0.04 0.00 | 20.84 -0.06 0.00 | 19.91 -0.06 0.00 | 19.98 -0.04 0.00 | 19.94 -0.04 0.00 | 20.01 -0.06 0.00 | 20.75 -0.13 0.00 | 21.70 -0.15 0.00 | 23.56 -0.14 0.00 | 26.45 -0.16 0.00 | 31.99 -0.19 0.00 | 31.25 -0.19 0.00 | 29.09 -0.15 0.00 | 27.51 -0.11 0.00 | 24.46 -0.07 0.00 | 21.14 -0.06 0.00 | 19.82 -0.06 0.00 |
| INDECK___OLEAN 23982 | 17.46 -0.02 0.00 | 15.69 -0.06 0.00 | 14.36 -0.03 0.00 | 13.90 -0.03 0.00 | 14.30 -0.04 0.00 | 15.57 0.08 0.00 | 19.55 -0.08 0.00 | 20.10 -0.16 0.00 | 21.03 0.13 0.00 | 20.15 0.18 0.00 | 20.00 -0.02 0.00 | 19.76 -0.22 0.00 | 19.81 -0.26 0.00 | 20.58 -0.29 0.00 | 21.57 -0.28 0.00 | 23.28 -0.43 0.00 | 26.27 -0.35 0.00 | 31.57 -0.61 0.00 | 31.06 -0.38 0.00 | 28.88 -0.35 0.00 | 27.29 -0.33 0.00 | 24.44 -0.10 0.00 | 20.93 -0.28 0.00 | 19.94 0.06 0.00 |
| INDECK___OSWEGO 23783 | 17.20 -0.28 0.00 | 15.49 -0.27 0.00 | 14.13 -0.26 0.00 | 13.68 -0.25 0.00 | 14.09 -0.26 0.00 | 15.24 -0.25 0.00 | 19.30 -0.33 0.00 | 19.78 -0.49 0.00 | 20.44 -0.46 0.00 | 19.51 -0.46 0.00 | 19.56 -0.46 0.00 | 19.48 -0.50 0.00 | 19.57 -0.50 0.00 | 20.31 -0.56 0.00 | 21.22 -0.63 0.00 | 22.99 -0.71 0.00 | 25.82 -0.80 0.00 | 31.28 -0.90 0.00 | 30.59 -0.85 0.00 | 28.50 -0.73 0.00 | 26.96 -0.66 0.00 | 23.99 -0.54 0.00 | 20.78 -0.42 0.00 | 19.60 -0.28 0.00 |

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| INDECK___YERKES 23781 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.22 -0.17 0.00 | 13.73 -0.20 0.00 | 14.13 -0.21 0.00 | 15.40 -0.09 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.16 -0.82 0.00 | 19.05 -1.02 0.00 | 19.73 -1.15 0.00 | 20.67 -1.18 0.00 | 22.26 -1.45 0.00 | 25.15 -1.46 0.00 | 30.31 -1.87 0.00 | 29.87 -1.57 0.00 | 27.95 -1.29 0.00 | 26.41 -1.21 0.00 | 23.72 -0.81 0.00 | 20.42 -0.78 0.00 | 19.53 -0.36 0.00 |
| INDIAN POINT_GT_1 24139 | 18.25 0.77 0.00 | 16.47 0.71 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.14 0.65 0.00 | 20.44 0.80 0.00 | 21.38 1.11 0.00 | 22.05 1.15 0.00 | 21.13 1.16 0.00 | 21.26 1.24 0.00 | 21.32 1.34 0.00 | 21.45 1.38 0.00 | 22.40 1.52 0.00 | 23.47 1.62 0.00 | 25.56 1.78 -0.07 | 28.94 2.02 -0.30 | 34.89 2.28 -0.42 | 33.73 2.04 -0.24 | 30.96 1.72 0.00 | 29.14 1.52 0.00 | 25.83 1.30 0.00 | 22.33 1.12 0.00 | 20.74 0.85 0.00 |
| INDIAN POINT_GT_2 23659 | 18.25 0.77 0.00 | 16.47 0.71 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.14 0.65 0.00 | 20.44 0.80 0.00 | 21.38 1.11 0.00 | 22.05 1.15 0.00 | 21.13 1.16 0.00 | 21.26 1.24 0.00 | 21.32 1.34 0.00 | 21.45 1.38 0.00 | 22.40 1.52 0.00 | 23.47 1.62 0.00 | 25.56 1.78 -0.07 | 28.94 2.02 -0.30 | 34.89 2.28 -0.42 | 33.73 2.04 -0.24 | 30.96 1.72 0.00 | 29.14 1.52 0.00 | 25.83 1.30 0.00 | 22.33 1.12 0.00 | 20.74 0.85 0.00 |
| INDIAN POINT_GT_3 24019 | 18.25 0.77 0.00 | 16.47 0.71 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.14 0.65 0.00 | 20.44 0.80 0.00 | 21.38 1.11 0.00 | 22.05 1.15 0.00 | 21.13 1.16 0.00 | 21.26 1.24 0.00 | 21.32 1.34 0.00 | 21.45 1.38 0.00 | 22.40 1.52 0.00 | 23.47 1.62 0.00 | 25.56 1.78 -0.07 | 28.94 2.02 -0.30 | 34.89 2.28 -0.42 | 33.73 2.04 -0.24 | 30.96 1.72 0.00 | 29.14 1.52 0.00 | 25.83 1.30 0.00 | 22.33 1.12 0.00 | 20.74 0.85 0.00 |
| INDIAN POINT___2 23530 | 18.23 0.75 0.00 | 16.45 0.69 0.00 | 15.02 0.63 0.00 | 14.53 0.60 0.00 | 14.95 0.60 0.00 | 16.13 0.64 0.00 | 20.42 0.79 0.00 | 21.36 1.09 0.00 | 22.03 1.13 0.00 | 21.11 1.14 0.00 | 21.24 1.22 0.00 | 21.30 1.32 0.00 | 21.43 1.37 0.00 | 22.38 1.50 0.00 | 23.51 1.66 0.00 | 25.60 1.83 -0.07 | 29.01 2.10 -0.29 | 34.94 2.35 -0.41 | 33.81 2.14 -0.23 | 31.05 1.81 0.00 | 29.23 1.60 0.00 | 25.88 1.35 0.00 | 22.31 1.10 0.00 | 20.74 0.85 0.00 |
| INDIAN POINT___3 23531 | 18.25 0.77 0.00 | 16.45 0.69 0.00 | 15.02 0.63 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.14 0.65 0.00 | 20.44 0.80 0.00 | 21.36 1.09 0.00 | 22.03 1.13 0.00 | 21.11 1.14 0.00 | 21.24 1.22 0.00 | 21.32 1.34 0.00 | 21.43 1.36 0.00 | 22.38 1.50 0.00 | 23.45 1.60 0.00 | 25.53 1.75 -0.07 | 28.89 1.97 -0.30 | 34.86 2.25 -0.42 | 33.70 2.01 -0.24 | 30.93 1.70 0.00 | 29.12 1.49 0.00 | 25.81 1.28 0.00 | 22.31 1.10 0.00 | 20.74 0.85 0.00 |
| INGHAM_C_115KV_TB7 356103 | 17.32 -0.16 0.00 | 15.65 -0.11 0.00 | 14.26 -0.13 0.00 | 13.79 -0.14 0.00 | 14.20 -0.14 0.00 | 15.35 -0.14 0.00 | 19.49 -0.14 0.00 | 20.04 -0.22 0.00 | 20.65 -0.25 0.00 | 19.71 -0.26 0.00 | 19.82 -0.20 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.46 -0.42 0.00 | 21.35 -0.50 0.00 | 23.21 -0.50 0.00 | 26.06 -0.56 0.00 | 31.51 -0.68 0.00 | 30.78 -0.66 0.00 | 28.65 -0.58 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.60 -0.28 0.00 |
| IP CORINTH___1 23988 | 18.77 1.29 0.00 | 16.83 1.07 0.00 | 15.35 0.96 0.00 | 14.88 0.95 0.00 | 15.29 0.95 0.00 | 16.55 1.05 0.00 | 21.07 1.43 0.00 | 21.86 1.60 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.50 1.52 0.00 | 21.39 1.32 0.00 | 22.36 1.48 0.00 | 23.21 1.35 0.00 | 25.14 1.52 0.08 | 28.19 1.89 0.31 | 34.22 2.48 0.44 | 33.70 2.52 0.25 | 31.72 2.48 0.00 | 29.94 2.32 0.00 | 26.50 1.96 0.00 | 22.90 1.70 0.00 | 21.24 1.35 0.00 |
| IP___TICONDEROGA 23804 | 19.66 2.18 0.00 | 17.58 1.83 0.00 | 16.00 1.61 0.00 | 15.52 1.59 0.00 | 15.95 1.61 0.00 | 17.31 1.81 0.00 | 22.01 2.38 0.00 | 22.88 2.61 0.00 | 23.54 2.63 0.00 | 22.33 2.36 0.00 | 22.36 2.34 0.00 | 22.38 2.40 0.00 | 22.28 2.21 0.00 | 23.25 2.38 0.00 | 24.22 2.36 0.00 | 26.21 2.58 0.08 | 29.33 3.03 0.32 | 35.66 3.93 0.45 | 35.27 4.09 0.26 | 33.33 4.09 0.00 | 31.49 3.87 0.00 | 27.82 3.29 0.00 | 23.99 2.78 0.00 | 22.17 2.29 0.00 |
| ISLIP_RES_REC 323679 | 19.19 1.71 0.00 | 17.06 1.31 0.00 | 15.38 0.99 0.00 | 14.88 0.95 0.00 | 15.31 0.96 0.00 | 16.56 1.07 0.00 | 21.16 1.53 0.00 | 22.09 1.82 0.00 | 22.78 1.88 0.00 | 21.97 2.00 0.00 | 24.60 1.98 -2.60 | 27.61 2.12 -5.51 | 28.63 2.25 -6.32 | 28.97 2.50 -5.59 | 31.76 2.60 -7.31 | 34.31 2.87 -7.74 | 44.56 3.41 -14.54 | 49.48 3.89 -13.41 | 58.50 3.71 -23.35 | 34.49 3.36 -1.90 | 37.43 3.01 -6.80 | 29.48 2.48 -2.47 | 23.33 2.10 -0.02 | 21.63 1.75 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 18.46 0.98 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.28 0.79 0.00 | 20.63 1.00 0.00 | 21.66 1.40 0.00 | 22.35 1.44 0.00 | 21.77 1.42 -0.38 | 22.43 1.38 -1.03 | 24.32 1.50 -2.84 | 24.32 1.53 -2.72 | 24.99 1.71 -2.41 | 25.64 1.75 -2.03 | 27.07 1.92 -1.45 | 30.25 2.24 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.22 1.99 0.00 | 29.47 1.85 0.00 | 26.10 1.57 0.00 | 22.67 1.46 0.00 | 21.02 1.13 0.00 |
| JANIS___SOLAR 323808 | 18.09 0.61 0.00 | 16.29 0.54 0.00 | 14.84 0.45 0.00 | 14.37 0.45 0.00 | 14.86 0.52 0.00 | 16.13 0.64 0.00 | 20.42 0.79 0.00 | 20.97 0.71 0.00 | 21.59 0.69 0.00 | 20.47 0.50 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.31 0.24 0.00 | 21.02 0.15 0.00 | 21.99 0.13 0.00 | 23.89 0.19 0.00 | 26.96 0.35 0.00 | 32.82 0.64 0.00 | 32.35 0.91 0.00 | 30.34 1.11 0.00 | 28.84 1.21 0.00 | 25.61 1.08 0.00 | 22.03 0.83 0.00 | 20.74 0.85 0.00 |
| JARVIS____ 23743 | 17.50 0.02 0.00 | 15.77 0.02 0.00 | 14.40 0.01 0.00 | 13.94 0.01 0.00 | 14.36 0.01 0.00 | 15.51 0.02 0.00 | 19.65 0.02 0.00 | 20.28 0.02 0.00 | 20.92 0.02 0.00 | 19.99 0.02 0.00 | 20.04 0.02 0.00 | 20.00 0.02 0.00 | 20.09 0.02 0.00 | 20.90 0.02 0.00 | 21.88 0.02 0.00 | 23.73 0.02 0.00 | 26.67 0.05 0.00 | 32.21 0.03 0.00 | 31.47 0.03 0.00 | 29.26 0.03 0.00 | 27.65 0.03 0.00 | 24.56 0.02 0.00 | 21.23 0.02 0.00 | 19.90 0.02 0.00 |
| JENNISON___1 23625 | 18.09 0.61 0.00 | 16.31 0.55 0.00 | 14.86 0.47 0.00 | 14.39 0.46 0.00 | 14.88 0.53 0.00 | 16.11 0.62 0.00 | 20.44 0.80 0.00 | 21.09 0.83 0.00 | 21.74 0.84 0.00 | 20.69 0.72 0.00 | 20.72 0.70 0.00 | 20.56 0.58 0.00 | 20.63 0.56 0.00 | 21.33 0.46 0.00 | 22.38 0.52 0.00 | 24.37 0.66 0.00 | 27.41 0.80 0.00 | 33.21 1.03 0.00 | 32.60 1.16 0.00 | 30.49 1.26 0.00 | 28.89 1.27 0.00 | 25.69 1.15 0.00 | 22.10 0.89 0.00 | 20.76 0.87 0.00 |
| JENNISON___2 23626 | 18.09 0.61 0.00 | 16.31 0.55 0.00 | 14.86 0.47 0.00 | 14.39 0.46 0.00 | 14.88 0.53 0.00 | 16.11 0.62 0.00 | 20.44 0.80 0.00 | 21.09 0.83 0.00 | 21.74 0.84 0.00 | 20.69 0.72 0.00 | 20.72 0.70 0.00 | 20.56 0.58 0.00 | 20.63 0.56 0.00 | 21.33 0.46 0.00 | 22.38 0.52 0.00 | 24.37 0.66 0.00 | 27.41 0.80 0.00 | 33.21 1.03 0.00 | 32.60 1.16 0.00 | 30.49 1.26 0.00 | 28.89 1.27 0.00 | 25.69 1.15 0.00 | 22.10 0.89 0.00 | 20.76 0.87 0.00 |

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| JERICO_RISE_WT_PWR 323719 | 17.64 0.16 0.00 | 15.82 0.06 0.00 | 14.49 0.10 0.00 | 14.04 0.11 0.00 | 14.55 0.20 0.00 | 15.71 0.22 0.00 | 19.99 0.35 0.00 | 20.71 0.45 0.00 | 21.32 0.42 0.00 | 20.41 0.44 0.00 | 20.28 0.26 0.00 | 20.08 0.10 0.00 | 20.09 0.02 0.00 | 20.96 0.08 0.00 | 21.88 0.02 0.00 | 23.66 -0.05 0.00 | 26.43 -0.19 0.00 | 32.21 0.03 0.00 | 31.60 0.16 0.00 | 29.44 0.21 0.00 | 27.98 0.36 0.00 | 24.78 0.25 0.00 | 21.31 0.11 0.00 | 19.86 -0.02 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 18.34 0.86 0.00 | 16.53 0.77 0.00 | 15.09 0.71 0.00 | 14.61 0.68 0.00 | 15.01 0.66 0.00 | 16.17 0.68 0.00 | 20.52 0.88 0.00 | 21.48 1.22 0.00 | 22.12 1.21 0.00 | 21.17 1.20 0.00 | 21.30 1.28 0.00 | 21.38 1.40 0.00 | 21.49 1.42 0.00 | 22.50 1.63 0.00 | 23.58 1.73 0.00 | 25.67 1.90 -0.07 | 29.07 2.16 -0.30 | 35.08 2.48 -0.42 | 33.85 2.17 -0.24 | 31.08 1.84 0.00 | 29.28 1.66 0.00 | 25.91 1.37 0.00 | 22.37 1.17 0.00 | 20.76 0.87 0.00 |
| KCE_NY_1 323755 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.18 0.79 0.00 | 14.71 0.78 0.00 | 15.12 0.77 0.00 | 16.33 0.84 0.00 | 20.77 1.14 0.00 | 21.54 1.28 0.00 | 22.16 1.25 0.00 | 21.11 1.14 0.00 | 21.16 1.14 0.00 | 21.20 1.22 0.00 | 21.23 1.16 0.00 | 22.15 1.27 0.00 | 23.17 1.31 0.00 | 25.09 1.47 0.08 | 27.99 1.70 0.33 | 33.81 2.09 0.46 | 33.25 2.07 0.27 | 31.25 2.02 0.00 | 29.50 1.88 0.00 | 26.13 1.59 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| KCE_NY_6_ESR 323823 | 17.46 -0.02 0.00 | 15.65 -0.11 0.00 | 14.35 -0.04 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.56 0.06 0.00 | 19.50 -0.14 0.00 | 19.76 -0.51 0.00 | 20.69 -0.21 0.00 | 19.85 -0.12 0.00 | 19.70 -0.32 0.00 | 19.44 -0.54 0.00 | 19.37 -0.70 0.00 | 20.06 -0.81 0.00 | 21.02 -0.83 0.00 | 22.64 -1.07 0.00 | 25.58 -1.04 0.00 | 30.83 -1.35 0.00 | 30.37 -1.07 0.00 | 28.38 -0.85 0.00 | 26.82 -0.80 0.00 | 24.07 -0.47 0.00 | 20.72 -0.49 0.00 | 19.78 -0.10 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 19.07 1.59 0.00 | 16.99 1.23 0.00 | 15.32 0.93 0.00 | 14.81 0.88 0.00 | 15.25 0.90 0.00 | 16.50 1.01 0.00 | 21.06 1.43 0.00 | 21.94 1.68 0.00 | 22.62 1.71 0.00 | 21.80 1.84 0.00 | 24.46 1.84 -2.60 | 27.47 1.98 -5.51 | 28.47 2.09 -6.32 | 28.79 2.32 -5.59 | 31.59 2.43 -7.31 | 34.09 2.65 -7.74 | 44.24 3.09 -14.54 | 49.00 3.41 -13.41 | 58.00 3.21 -23.35 | 34.23 3.10 -1.90 | 37.18 2.76 -6.80 | 29.29 2.28 -2.47 | 23.16 1.93 -0.02 | 21.47 1.59 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 19.07 1.59 0.00 | 16.99 1.23 0.00 | 15.32 0.93 0.00 | 14.81 0.88 0.00 | 15.25 0.90 0.00 | 16.50 1.01 0.00 | 21.06 1.43 0.00 | 21.94 1.68 0.00 | 22.62 1.71 0.00 | 21.80 1.84 0.00 | 24.46 1.84 -2.60 | 27.47 1.98 -5.51 | 28.47 2.09 -6.32 | 28.79 2.32 -5.59 | 31.59 2.43 -7.31 | 34.09 2.65 -7.74 | 44.24 3.09 -14.54 | 49.00 3.41 -13.41 | 58.00 3.21 -23.35 | 34.23 3.10 -1.90 | 37.18 2.76 -6.80 | 29.29 2.28 -2.47 | 23.16 1.93 -0.02 | 21.47 1.59 0.00 |
| KEDC_GLWD_GT4 24219 | 18.62 1.14 0.00 | 16.70 0.95 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.31 0.82 0.00 | 20.75 1.12 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.53 1.56 0.00 | 24.26 1.64 -2.60 | 27.23 1.74 -5.51 | 28.17 1.79 -6.32 | 28.41 1.94 -5.59 | 31.28 2.12 -7.31 | 33.76 2.32 -7.74 | 43.66 2.50 -14.54 | 48.45 2.86 -13.41 | 57.40 2.61 -23.35 | 33.38 2.25 -1.90 | 36.43 2.02 -6.79 | 28.87 1.86 -2.47 | 22.80 1.57 -0.02 | 21.14 1.25 0.00 |
| KEDC_GLWD_GT5 24220 | 18.62 1.14 0.00 | 16.70 0.95 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.11 0.76 0.00 | 16.31 0.82 0.00 | 20.75 1.12 0.00 | 21.68 1.42 0.00 | 22.39 1.48 0.00 | 21.53 1.56 0.00 | 24.26 1.64 -2.60 | 27.23 1.74 -5.51 | 28.17 1.79 -6.32 | 28.41 1.94 -5.59 | 31.28 2.12 -7.31 | 33.76 2.32 -7.74 | 43.66 2.50 -14.54 | 48.45 2.86 -13.41 | 57.40 2.61 -23.35 | 33.38 2.25 -1.90 | 36.43 2.02 -6.79 | 28.87 1.86 -2.47 | 22.80 1.57 -0.02 | 21.14 1.25 0.00 |
| KENSICO____ 23655 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.21 0.71 0.00 | 20.52 0.88 0.00 | 21.46 1.20 0.00 | 22.14 1.23 0.00 | 21.23 1.26 0.00 | 21.34 1.32 0.00 | 21.42 1.44 0.00 | 21.53 1.47 0.00 | 22.50 1.63 0.00 | 23.56 1.70 0.00 | 25.65 1.87 -0.08 | 29.05 2.13 -0.31 | 35.02 2.41 -0.43 | 33.86 2.17 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.93 1.40 0.00 | 22.42 1.21 0.00 | 20.84 0.95 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 18.00 0.52 0.00 | 16.23 0.47 0.00 | 14.88 0.49 0.00 | 14.38 0.45 0.00 | 14.81 0.46 0.00 | 16.05 0.56 0.00 | 20.32 0.69 0.00 | 21.18 0.91 0.00 | 21.84 0.94 0.00 | 20.81 0.84 0.00 | 21.00 0.98 0.00 | 21.10 1.12 0.00 | 21.23 1.16 0.00 | 22.09 1.21 0.00 | 23.14 1.29 0.00 | 25.24 1.49 -0.04 | 28.51 1.73 -0.16 | 34.47 2.06 -0.23 | 33.40 1.82 -0.13 | 30.75 1.52 0.00 | 28.92 1.30 0.00 | 25.61 1.08 0.00 | 22.04 0.83 0.00 | 20.50 0.62 0.00 |
| KIAC_JFK_GT1 23816 | 18.37 0.89 0.00 | 16.54 0.79 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.56 1.30 0.00 | 22.26 1.36 0.00 | 21.67 1.32 -0.38 | 22.31 1.26 -1.03 | 24.22 1.40 -2.84 | 24.22 1.42 -2.72 | 24.89 1.61 -2.41 | 25.53 1.64 -2.03 | 26.95 1.80 -1.45 | 30.11 2.10 -1.40 | 35.99 2.38 -1.42 | 33.87 2.14 -0.29 | 30.99 1.75 0.00 | 29.34 1.71 0.00 | 25.98 1.45 0.00 | 22.57 1.36 0.00 | 20.92 1.03 0.00 |
| KIAC_JFK_GT2 23817 | 18.37 0.89 0.00 | 16.54 0.79 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.56 1.30 0.00 | 22.26 1.36 0.00 | 21.67 1.32 -0.38 | 22.31 1.26 -1.03 | 24.22 1.40 -2.84 | 24.22 1.42 -2.72 | 24.89 1.61 -2.41 | 25.53 1.64 -2.03 | 26.95 1.80 -1.45 | 30.11 2.10 -1.40 | 35.99 2.38 -1.42 | 33.87 2.14 -0.29 | 30.99 1.75 0.00 | 29.34 1.71 0.00 | 25.98 1.45 0.00 | 22.57 1.36 0.00 | 20.92 1.03 0.00 |
| KIAC_JFK____ 323774 | 18.37 0.89 0.00 | 16.54 0.79 0.00 | 15.09 0.70 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.19 0.70 0.00 | 20.54 0.90 0.00 | 21.56 1.30 0.00 | 22.26 1.36 0.00 | 21.67 1.32 -0.38 | 22.31 1.26 -1.03 | 24.20 1.38 -2.84 | 24.22 1.43 -2.72 | 24.87 1.59 -2.41 | 25.57 1.68 -2.03 | 27.02 1.87 -1.45 | 30.06 2.05 -1.40 | 36.05 2.44 -1.42 | 34.00 2.27 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.05 1.52 0.00 | 22.54 1.34 0.00 | 20.92 1.03 0.00 |
| KINTIGH____ 23543 | 17.16 -0.31 0.00 | 15.39 -0.36 0.00 | 14.09 -0.30 0.00 | 13.65 -0.28 0.00 | 14.05 -0.30 0.00 | 15.21 -0.28 0.00 | 19.18 -0.45 0.00 | 19.43 -0.83 0.00 | 20.32 -0.59 0.00 | 19.45 -0.52 0.00 | 19.34 -0.68 0.00 | 19.08 -0.90 0.00 | 19.05 -1.02 0.00 | 19.62 -1.25 0.00 | 20.63 -1.22 0.00 | 22.28 -1.42 0.00 | 25.12 -1.49 0.00 | 30.25 -1.93 0.00 | 29.81 -1.63 0.00 | 27.89 -1.34 0.00 | 26.38 -1.24 0.00 | 23.67 -0.86 0.00 | 20.32 -0.89 0.00 | 19.45 -0.44 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.71 0.36 0.00 | 15.87 0.37 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.55 0.65 0.00 | 20.65 0.68 0.00 | 20.50 0.48 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.87 0.17 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.01 0.57 0.00 | 29.85 0.61 0.00 | 28.34 0.72 0.00 | 24.97 0.44 0.00 | 21.55 0.34 0.00 | 20.06 0.18 0.00 |

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| LACHUTE____HYDRO 323717 | 19.66 2.18 0.00 | 17.58 1.83 0.00 | 16.00 1.61 0.00 | 15.52 1.59 0.00 | 15.95 1.61 0.00 | 17.31 1.81 0.00 | 22.01 2.37 0.00 | 22.88 2.62 0.00 | 23.52 2.61 0.00 | 22.33 2.36 0.00 | 22.36 2.34 0.00 | 22.38 2.40 0.00 | 22.28 2.21 0.00 | 23.23 2.36 0.00 | 24.24 2.38 0.00 | 26.25 2.63 0.08 | 29.41 3.11 0.32 | 35.72 3.99 0.45 | 35.36 4.18 0.26 | 33.41 4.18 0.00 | 31.57 3.95 0.00 | 27.87 3.34 0.00 | 23.99 2.78 0.00 | 22.17 2.29 0.00 |
| LAWRNCV_115KV_TB1 80681 | 17.60 0.12 0.00 | 15.87 0.11 0.00 | 14.49 0.10 0.00 | 14.03 0.10 0.00 | 14.52 0.17 0.00 | 15.66 0.17 0.00 | 19.91 0.27 0.00 | 20.61 0.34 0.00 | 21.18 0.27 0.00 | 20.25 0.28 0.00 | 20.24 0.22 0.00 | 20.12 0.14 0.00 | 20.19 0.12 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.61 -0.09 0.00 | 26.22 -0.40 0.00 | 31.86 -0.32 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.87 0.25 0.00 | 24.73 0.20 0.00 | 21.38 0.17 0.00 | 19.94 0.06 0.00 |
| LEDERLE____ 23769 | 18.25 0.77 0.00 | 16.47 0.71 0.00 | 15.05 0.66 0.00 | 14.56 0.63 0.00 | 14.98 0.63 0.00 | 16.17 0.68 0.00 | 20.48 0.84 0.00 | 21.40 1.13 0.00 | 22.09 1.19 0.00 | 21.15 1.18 0.00 | 21.30 1.28 0.00 | 21.38 1.40 0.00 | 21.51 1.44 0.00 | 22.46 1.59 0.00 | 23.52 1.66 0.00 | 25.62 1.85 -0.07 | 28.97 2.08 -0.28 | 34.96 2.38 -0.39 | 33.81 2.14 -0.23 | 31.02 1.78 0.00 | 29.20 1.57 0.00 | 25.86 1.32 0.00 | 22.33 1.12 0.00 | 20.76 0.87 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 17.41 -0.07 0.00 | 15.66 -0.09 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.28 -0.07 0.00 | 15.45 -0.05 0.00 | 19.59 -0.04 0.00 | 20.14 -0.12 0.00 | 20.78 -0.13 0.00 | 19.81 -0.16 0.00 | 19.80 -0.22 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.50 -0.38 0.00 | 21.44 -0.42 0.00 | 23.28 -0.43 0.00 | 26.11 -0.51 0.00 | 31.67 -0.51 0.00 | 31.03 -0.41 0.00 | 29.00 -0.23 0.00 | 27.51 -0.11 0.00 | 24.53 0.00 0.00 | 21.17 -0.04 0.00 | 19.92 0.04 0.00 |
| LINDEN COGEN____ 23786 | 18.35 0.87 0.00 | 16.56 0.80 0.00 | 15.11 0.72 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.18 1.28 0.00 | 21.67 1.32 -0.38 | 22.47 1.42 -1.03 | 24.34 1.52 -2.84 | 24.36 1.57 -2.72 | 24.97 1.69 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.35 2.34 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.31 2.08 0.00 | 29.45 1.82 0.00 | 26.08 1.55 0.00 | 22.44 1.23 0.00 | 20.84 0.95 0.00 |
| LINDHRST_69_KV_BK1 356055 | 19.02 1.54 0.00 | 16.97 1.21 0.00 | 15.34 0.95 0.00 | 14.82 0.89 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.07 1.43 0.00 | 22.01 1.74 0.00 | 22.70 1.80 0.00 | 21.89 1.92 0.00 | 24.56 1.94 -2.60 | 27.57 2.08 -5.51 | 28.51 2.13 -6.32 | 28.83 2.36 -5.59 | 31.59 2.43 -7.31 | 34.17 2.73 -7.74 | 44.27 3.11 -14.54 | 49.16 3.57 -13.41 | 58.12 3.33 -23.35 | 34.09 2.95 -1.90 | 37.13 2.71 -6.80 | 29.31 2.31 -2.47 | 23.24 2.01 -0.02 | 21.53 1.65 0.00 |
| LIPA_MISC_IPP 23656 | 18.98 1.50 0.00 | 16.94 1.18 0.00 | 15.30 0.91 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.47 0.98 0.00 | 21.01 1.37 0.00 | 21.78 1.52 0.00 | 22.43 1.53 0.00 | 21.63 1.66 0.00 | 24.32 1.70 -2.60 | 27.33 1.84 -5.51 | 28.33 1.95 -6.32 | 28.60 2.13 -5.59 | 31.31 2.14 -7.31 | 33.88 2.44 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.78 2.99 -23.35 | 33.79 2.66 -1.90 | 36.82 2.40 -6.80 | 29.00 1.99 -2.47 | 22.97 1.74 -0.02 | 21.29 1.41 0.00 |
| LISF____SOLAR 323691 | 19.00 1.52 0.00 | 16.97 1.21 0.00 | 15.31 0.92 0.00 | 14.79 0.86 0.00 | 15.22 0.88 0.00 | 16.47 0.98 0.00 | 21.03 1.39 0.00 | 21.78 1.52 0.00 | 22.43 1.53 0.00 | 21.63 1.66 0.00 | 24.34 1.72 -2.60 | 27.35 1.86 -5.51 | 28.35 2.13 -6.32 | 28.60 2.36 -5.59 | 31.37 2.21 -7.31 | 33.88 2.44 -7.74 | 44.08 2.93 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 33.97 2.83 -1.90 | 36.96 2.54 -6.80 | 29.07 2.06 -2.47 | 22.99 1.76 -0.02 | 21.29 1.41 0.00 |
| LITTLE FALLS____HYD 24013 | 17.32 -0.16 0.00 | 15.65 -0.11 0.00 | 14.26 -0.13 0.00 | 13.79 -0.14 0.00 | 14.20 -0.14 0.00 | 15.35 -0.14 0.00 | 19.49 -0.14 0.00 | 20.04 -0.22 0.00 | 20.65 -0.25 0.00 | 19.71 -0.26 0.00 | 19.82 -0.20 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.46 -0.42 0.00 | 21.35 -0.50 0.00 | 23.21 -0.50 0.00 | 26.06 -0.56 0.00 | 31.51 -0.68 0.00 | 30.78 -0.66 0.00 | 28.65 -0.58 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.60 -0.28 0.00 |
| LITTLRIV_115KV_TB1 356100 | 17.71 0.23 0.00 | 15.99 0.24 0.00 | 14.59 0.20 0.00 | 14.12 0.20 0.00 | 14.65 0.30 0.00 | 15.82 0.33 0.00 | 20.12 0.49 0.00 | 20.81 0.55 0.00 | 21.38 0.48 0.00 | 20.43 0.46 0.00 | 20.44 0.42 0.00 | 20.32 0.34 0.00 | 20.39 0.32 0.00 | 21.08 0.21 0.00 | 22.05 0.20 0.00 | 23.80 0.09 0.00 | 26.43 -0.19 0.00 | 32.12 -0.06 0.00 | 31.50 0.06 0.00 | 29.38 0.15 0.00 | 28.15 0.52 0.00 | 24.97 0.44 0.00 | 21.55 0.34 0.00 | 20.10 0.22 0.00 |
| LI_NEWBRDGE____DRP 323616 | 18.63 1.15 0.00 | 16.67 0.91 0.00 | 15.11 0.72 0.00 | 14.60 0.67 0.00 | 15.02 0.67 0.00 | 16.25 0.76 0.00 | 20.69 1.06 0.00 | 21.60 1.34 0.00 | 22.30 1.40 0.00 | 21.49 1.52 0.00 | 24.18 1.56 -2.60 | 27.15 1.66 -5.51 | 28.09 1.71 -6.32 | 28.35 1.88 -5.59 | 31.11 1.95 -7.31 | 33.62 2.18 -7.73 | 43.60 2.45 -14.54 | 48.42 2.83 -13.41 | 57.34 2.55 -23.35 | 33.35 2.22 -1.90 | 36.43 2.02 -6.79 | 28.70 1.69 -2.47 | 22.75 1.53 -0.02 | 21.12 1.23 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.17 -0.22 0.00 | 13.69 -0.24 0.00 | 14.09 -0.26 0.00 | 15.28 -0.22 0.00 | 19.24 -0.39 0.00 | 19.43 -0.83 0.00 | 20.34 -0.56 0.00 | 19.51 -0.46 0.00 | 19.36 -0.66 0.00 | 19.04 -0.94 0.00 | 18.99 -1.08 0.00 | 19.52 -1.36 0.00 | 20.52 -1.33 0.00 | 22.12 -1.59 0.00 | 24.96 -1.65 0.00 | 30.06 -2.12 0.00 | 29.71 -1.73 0.00 | 27.83 -1.40 0.00 | 26.30 -1.33 0.00 | 23.65 -0.88 0.00 | 20.30 -0.91 0.00 | 19.49 -0.40 0.00 |
| LOCKPORT____CC1 323769 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.19 -0.20 0.00 | 13.72 -0.21 0.00 | 14.12 -0.23 0.00 | 15.37 -0.12 0.00 | 19.24 -0.39 0.00 | 19.43 -0.83 0.00 | 20.36 -0.54 0.00 | 19.51 -0.46 0.00 | 19.34 -0.68 0.00 | 19.08 -0.90 0.00 | 18.99 -1.08 0.00 | 19.64 -1.23 0.00 | 20.59 -1.27 0.00 | 22.16 -1.54 0.00 | 25.02 -1.60 0.00 | 30.15 -2.03 0.00 | 29.74 -1.70 0.00 | 27.80 -1.43 0.00 | 26.33 -1.30 0.00 | 23.65 -0.88 0.00 | 20.36 -0.85 0.00 | 19.49 -0.40 0.00 |
| LOCKPORT____CC2 323770 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.19 -0.20 0.00 | 13.72 -0.21 0.00 | 14.12 -0.23 0.00 | 15.37 -0.12 0.00 | 19.24 -0.39 0.00 | 19.43 -0.83 0.00 | 20.36 -0.54 0.00 | 19.51 -0.46 0.00 | 19.34 -0.68 0.00 | 19.08 -0.90 0.00 | 18.99 -1.08 0.00 | 19.64 -1.23 0.00 | 20.59 -1.27 0.00 | 22.16 -1.54 0.00 | 25.02 -1.60 0.00 | 30.15 -2.03 0.00 | 29.74 -1.70 0.00 | 27.80 -1.43 0.00 | 26.33 -1.30 0.00 | 23.65 -0.88 0.00 | 20.36 -0.85 0.00 | 19.49 -0.40 0.00 |
| LOCKPORT____CC3 323771 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.19 -0.20 0.00 | 13.72 -0.21 0.00 | 14.12 -0.23 0.00 | 15.37 -0.12 0.00 | 19.24 -0.39 0.00 | 19.43 -0.83 0.00 | 20.36 -0.54 0.00 | 19.51 -0.46 0.00 | 19.34 -0.68 0.00 | 19.08 -0.90 0.00 | 18.99 -1.08 0.00 | 19.64 -1.23 0.00 | 20.59 -1.27 0.00 | 22.16 -1.54 0.00 | 25.02 -1.60 0.00 | 30.15 -2.03 0.00 | 29.74 -1.70 0.00 | 27.80 -1.43 0.00 | 26.33 -1.30 0.00 | 23.65 -0.88 0.00 | 20.36 -0.85 0.00 | 19.49 -0.40 0.00 |

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| LONG_LAKE_PHOENIX 24014 | 17.30 -0.17 0.00 | 15.57 -0.19 0.00 | 14.22 -0.17 0.00 | 13.76 -0.17 0.00 | 14.18 -0.17 0.00 | 15.34 -0.15 0.00 | 19.42 -0.22 0.00 | 19.90 -0.36 0.00 | 20.57 -0.33 0.00 | 19.63 -0.34 0.00 | 19.68 -0.34 0.00 | 19.62 -0.36 0.00 | 19.69 -0.38 0.00 | 20.42 -0.46 0.00 | 21.40 -0.46 0.00 | 23.21 -0.50 0.00 | 26.06 -0.56 0.00 | 31.54 -0.64 0.00 | 30.87 -0.57 0.00 | 28.80 -0.44 0.00 | 27.21 -0.41 0.00 | 24.21 -0.32 0.00 | 20.89 -0.32 0.00 | 19.72 -0.16 0.00 |
| LOVETT___3 23632 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.11 0.62 0.00 | 20.40 0.77 0.00 | 21.32 1.05 0.00 | 22.01 1.11 0.00 | 21.07 1.10 0.00 | 21.22 1.20 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.43 1.57 0.00 | 25.50 1.73 -0.07 | 28.87 1.97 -0.28 | 34.80 2.22 -0.40 | 33.65 1.98 -0.23 | 30.87 1.64 0.00 | 29.06 1.44 0.00 | 25.76 1.23 0.00 | 22.27 1.06 0.00 | 20.72 0.84 0.00 |
| LOVETT___4 23642 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.11 0.62 0.00 | 20.40 0.77 0.00 | 21.32 1.05 0.00 | 22.01 1.11 0.00 | 21.07 1.10 0.00 | 21.22 1.20 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.43 1.57 0.00 | 25.50 1.73 -0.07 | 28.87 1.97 -0.28 | 34.80 2.22 -0.40 | 33.65 1.98 -0.23 | 30.87 1.64 0.00 | 29.06 1.44 0.00 | 25.76 1.23 0.00 | 22.27 1.06 0.00 | 20.72 0.84 0.00 |
| LOVETT___5 23593 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.11 0.62 0.00 | 20.40 0.77 0.00 | 21.32 1.05 0.00 | 22.01 1.11 0.00 | 21.07 1.10 0.00 | 21.22 1.20 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.43 1.57 0.00 | 25.50 1.73 -0.07 | 28.87 1.97 -0.28 | 34.80 2.22 -0.40 | 33.65 1.98 -0.23 | 30.87 1.64 0.00 | 29.06 1.44 0.00 | 25.76 1.23 0.00 | 22.27 1.06 0.00 | 20.72 0.84 0.00 |
| LOWER_RAQUET___HYD 24057 | 17.60 0.12 0.00 | 15.88 0.13 0.00 | 14.50 0.11 0.00 | 14.03 0.10 0.00 | 14.53 0.19 0.00 | 15.68 0.19 0.00 | 19.95 0.31 0.00 | 20.65 0.38 0.00 | 21.22 0.31 0.00 | 20.29 0.32 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.63 -0.07 0.00 | 26.16 -0.45 0.00 | 31.76 -0.42 0.00 | 31.16 -0.28 0.00 | 29.06 -0.17 0.00 | 27.90 0.28 0.00 | 24.85 0.32 0.00 | 21.40 0.19 0.00 | 19.96 0.08 0.00 |
| LOWER___HUDSON 24059 | 18.13 0.65 0.00 | 16.36 0.60 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.88 0.53 0.00 | 16.04 0.54 0.00 | 20.38 0.75 0.00 | 21.11 0.85 0.00 | 21.72 0.81 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.84 0.86 0.00 | 20.91 0.84 0.00 | 21.81 0.94 0.00 | 22.86 1.01 0.00 | 24.74 1.14 0.10 | 27.48 1.28 0.41 | 33.08 1.48 0.58 | 32.52 1.42 0.33 | 30.58 1.35 0.00 | 28.84 1.21 0.00 | 25.59 1.05 0.00 | 22.12 0.91 0.00 | 20.58 0.70 0.00 |
| LOWVILLE_115KV_TB2 356335 | 17.81 0.33 0.00 | 16.06 0.30 0.00 | 14.63 0.24 0.00 | 14.15 0.22 0.00 | 14.66 0.32 0.00 | 15.88 0.39 0.00 | 20.20 0.57 0.00 | 20.83 0.57 0.00 | 21.43 0.52 0.00 | 20.43 0.46 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.17 0.10 0.00 | 20.81 -0.06 0.00 | 21.75 -0.11 0.00 | 23.63 -0.07 0.00 | 26.43 -0.19 0.00 | 32.21 0.03 0.00 | 31.63 0.19 0.00 | 29.64 0.41 0.00 | 28.42 0.80 0.00 | 25.24 0.71 0.00 | 21.76 0.55 0.00 | 20.38 0.50 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.18 0.79 0.00 | 14.71 0.78 0.00 | 15.12 0.77 0.00 | 16.33 0.84 0.00 | 20.75 1.12 0.00 | 21.54 1.28 0.00 | 22.16 1.25 0.00 | 21.11 1.14 0.00 | 21.16 1.14 0.00 | 21.18 1.20 0.00 | 21.21 1.14 0.00 | 22.17 1.29 0.00 | 23.14 1.29 0.00 | 25.04 1.42 0.08 | 27.93 1.65 0.33 | 33.75 2.03 0.46 | 33.16 1.98 0.27 | 31.16 1.93 0.00 | 29.42 1.80 0.00 | 26.08 1.55 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.18 0.79 0.00 | 14.71 0.78 0.00 | 15.12 0.77 0.00 | 16.33 0.84 0.00 | 20.77 1.14 0.00 | 21.54 1.28 0.00 | 22.16 1.25 0.00 | 21.11 1.14 0.00 | 21.16 1.14 0.00 | 21.20 1.22 0.00 | 21.23 1.16 0.00 | 22.17 1.29 0.00 | 23.14 1.29 0.00 | 25.07 1.45 0.08 | 27.93 1.65 0.33 | 33.75 2.03 0.46 | 33.19 2.01 0.27 | 31.19 1.96 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.59 1.38 0.00 | 20.98 1.09 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.79 -0.07 0.00 | 23.58 -0.12 0.00 | 26.24 -0.37 0.00 | 31.96 -0.23 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| LYONS_FALL_HYD 23570 | 17.78 0.30 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.14 0.51 0.00 | 20.77 0.51 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.32 0.30 0.00 | 20.22 0.24 0.00 | 20.27 0.20 0.00 | 20.94 0.06 0.00 | 21.90 0.04 0.00 | 23.80 0.10 0.00 | 26.67 0.05 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.70 0.47 0.00 | 28.34 0.72 0.00 | 25.17 0.64 0.00 | 21.72 0.51 0.00 | 20.32 0.44 0.00 |
| MADISON___COUNTY_LFGE 323628 | 17.79 0.31 0.00 | 16.07 0.32 0.00 | 14.65 0.26 0.00 | 14.18 0.25 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.12 0.49 0.00 | 20.71 0.45 0.00 | 21.34 0.44 0.00 | 20.37 0.40 0.00 | 20.42 0.40 0.00 | 20.34 0.36 0.00 | 20.41 0.34 0.00 | 21.08 0.21 0.00 | 22.12 0.26 0.00 | 24.06 0.36 0.00 | 27.01 0.40 0.00 | 32.76 0.58 0.00 | 32.07 0.63 0.00 | 29.94 0.70 0.00 | 28.37 0.75 0.00 | 25.20 0.66 0.00 | 21.72 0.51 0.00 | 20.36 0.48 0.00 |
| MALONE___115KV_TB1 356076 | 17.76 0.28 0.00 | 15.95 0.19 0.00 | 14.59 0.20 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.82 0.33 0.00 | 20.14 0.51 0.00 | 20.89 0.63 0.00 | 21.47 0.56 0.00 | 20.57 0.60 0.00 | 20.48 0.46 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.15 0.27 0.00 | 22.07 0.22 0.00 | 23.80 0.09 0.00 | 26.59 -0.03 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.64 0.41 0.00 | 28.23 0.61 0.00 | 24.93 0.39 0.00 | 21.50 0.30 0.00 | 20.02 0.14 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 18.16 0.68 0.00 | 16.39 0.63 0.00 | 14.98 0.59 0.00 | 14.50 0.57 0.00 | 14.89 0.55 0.00 | 16.07 0.57 0.00 | 20.40 0.77 0.00 | 21.14 0.87 0.00 | 21.74 0.84 0.00 | 20.73 0.76 0.00 | 20.84 0.82 0.00 | 20.88 0.90 0.00 | 20.97 0.90 0.00 | 21.88 1.00 0.00 | 22.86 1.01 0.00 | 24.74 1.11 0.08 | 27.54 1.25 0.32 | 33.18 1.45 0.45 | 32.56 1.38 0.26 | 30.55 1.32 0.00 | 28.81 1.19 0.00 | 25.56 1.03 0.00 | 22.14 0.93 0.00 | 20.58 0.70 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 17.34 -0.14 0.00 | 15.61 -0.14 0.00 | 14.26 -0.13 0.00 | 13.80 -0.13 0.00 | 14.23 -0.12 0.00 | 15.35 -0.14 0.00 | 19.47 -0.16 0.00 | 20.14 -0.12 0.00 | 20.78 -0.12 0.00 | 19.83 -0.14 0.00 | 19.84 -0.18 0.00 | 19.74 -0.24 0.00 | 19.77 -0.30 0.00 | 20.54 -0.33 0.00 | 21.48 -0.37 0.00 | 23.30 -0.40 0.00 | 26.14 -0.48 0.00 | 31.70 -0.48 0.00 | 31.00 -0.44 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.17 -0.37 0.00 | 20.89 -0.32 0.00 | 19.60 -0.28 0.00 |

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| MAPLE_RIDGE_WT_2 323611 | 17.34 -0.14 0.00 | 15.61 -0.14 0.00 | 14.26 -0.13 0.00 | 13.80 -0.13 0.00 | 14.23 -0.12 0.00 | 15.35 -0.14 0.00 | 19.47 -0.16 0.00 | 20.14 -0.12 0.00 | 20.78 -0.12 0.00 | 19.83 -0.14 0.00 | 19.84 -0.18 0.00 | 19.74 -0.24 0.00 | 19.77 -0.30 0.00 | 20.54 -0.33 0.00 | 21.48 -0.37 0.00 | 23.30 -0.40 0.00 | 26.14 -0.48 0.00 | 31.70 -0.48 0.00 | 31.00 -0.44 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.17 -0.37 0.00 | 20.89 -0.32 0.00 | 19.60 -0.28 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 17.67 0.19 0.00 | 15.85 0.10 0.00 | 14.52 0.13 0.00 | 14.07 0.14 0.00 | 14.58 0.23 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.30 0.28 0.00 | 20.12 0.14 0.00 | 20.11 0.04 0.00 | 20.98 0.10 0.00 | 21.92 0.07 0.00 | 23.68 -0.02 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.66 0.22 0.00 | 29.50 0.26 0.00 | 28.04 0.41 0.00 | 24.83 0.30 0.00 | 21.34 0.13 0.00 | 19.90 0.02 0.00 |
| MARSHVLE_115KV_TB1 80742 | 18.88 1.40 0.00 | 16.92 1.17 0.00 | 15.43 1.04 0.00 | 14.95 1.02 0.00 | 15.41 1.06 0.00 | 16.70 1.21 0.00 | 21.28 1.65 0.00 | 22.09 1.82 0.00 | 22.72 1.82 0.00 | 21.59 1.62 0.00 | 21.64 1.62 0.00 | 21.58 1.60 0.00 | 21.65 1.59 0.00 | 22.50 1.63 0.00 | 23.60 1.75 0.00 | 25.55 1.90 0.05 | 28.58 2.16 0.19 | 34.61 2.70 0.27 | 34.08 2.80 0.16 | 32.04 2.81 0.00 | 30.30 2.68 0.00 | 26.79 2.26 0.00 | 23.10 1.89 0.00 | 21.47 1.59 0.00 |
| MARSH_HILL_WT_PWR 323713 | 17.78 0.30 0.00 | 15.98 0.22 0.00 | 14.61 0.22 0.00 | 14.15 0.22 0.00 | 14.56 0.22 0.00 | 15.83 0.34 0.00 | 19.93 0.29 0.00 | 20.43 0.16 0.00 | 21.24 0.33 0.00 | 20.29 0.32 0.00 | 20.20 0.18 0.00 | 19.94 -0.04 0.00 | 19.95 -0.12 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.28 -0.43 0.00 | 26.27 -0.35 0.00 | 31.80 -0.38 0.00 | 31.38 -0.06 0.00 | 29.38 0.15 0.00 | 27.84 0.22 0.00 | 24.88 0.34 0.00 | 21.38 0.17 0.00 | 20.28 0.40 0.00 |
| MCINTYRE_115KV_TB2 80467 | 17.74 0.26 0.00 | 16.01 0.25 0.00 | 14.61 0.22 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.83 0.34 0.00 | 20.12 0.49 0.00 | 20.85 0.59 0.00 | 21.40 0.50 0.00 | 20.47 0.50 0.00 | 20.46 0.44 0.00 | 20.34 0.36 0.00 | 20.41 0.34 0.00 | 21.12 0.25 0.00 | 22.10 0.24 0.00 | 23.87 0.17 0.00 | 26.59 -0.03 0.00 | 32.31 0.13 0.00 | 31.66 0.22 0.00 | 29.56 0.32 0.00 | 28.23 0.61 0.00 | 25.02 0.49 0.00 | 21.61 0.40 0.00 | 20.14 0.26 0.00 |
| MECO____69_KV_BK1 80468 | 19.16 1.68 0.00 | 17.36 1.61 0.00 | 15.81 1.42 0.00 | 15.34 1.41 0.00 | 15.81 1.46 0.00 | 17.15 1.66 0.00 | 21.91 2.28 0.00 | 22.29 2.03 0.00 | 22.85 1.94 0.00 | 21.65 1.68 0.00 | 22.10 2.08 0.00 | 22.00 2.02 0.00 | 22.08 2.01 0.00 | 22.52 1.65 0.00 | 23.56 1.70 0.00 | 25.55 1.90 0.05 | 28.61 2.21 0.21 | 34.68 2.80 0.30 | 34.35 3.08 0.17 | 32.39 3.16 0.00 | 30.63 3.01 0.00 | 27.06 2.53 0.00 | 23.43 2.23 0.00 | 21.73 1.85 0.00 |
| MENANDS__115KV_TB5 355628 | 17.88 0.40 0.00 | 16.17 0.41 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.71 0.36 0.00 | 15.85 0.36 0.00 | 20.10 0.47 0.00 | 20.85 0.59 0.00 | 21.45 0.54 0.00 | 20.45 0.48 0.00 | 20.58 0.56 0.00 | 20.62 0.64 0.00 | 20.71 0.64 0.00 | 21.63 0.75 0.00 | 22.58 0.72 0.00 | 24.43 0.81 0.08 | 27.20 0.90 0.32 | 32.76 1.03 0.45 | 32.09 0.91 0.26 | 30.08 0.85 0.00 | 28.37 0.75 0.00 | 25.17 0.64 0.00 | 21.87 0.66 0.00 | 20.30 0.42 0.00 |
| MG INDUSTRY___DRP 24185 | 17.97 0.49 0.00 | 16.23 0.47 0.00 | 14.85 0.46 0.00 | 14.38 0.45 0.00 | 14.76 0.42 0.00 | 15.91 0.42 0.00 | 20.18 0.55 0.00 | 20.91 0.65 0.00 | 21.51 0.61 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.65 0.77 0.00 | 22.58 0.72 0.00 | 24.46 0.81 0.05 | 27.33 0.90 0.19 | 32.95 1.03 0.26 | 32.26 0.97 0.15 | 30.17 0.94 0.00 | 28.45 0.83 0.00 | 25.27 0.74 0.00 | 21.93 0.72 0.00 | 20.42 0.54 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.79 -0.07 0.00 | 23.58 -0.12 0.00 | 26.24 -0.37 0.00 | 31.96 -0.23 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| MID___RAQUETTE_HYD 23851 | 17.60 0.12 0.00 | 15.88 0.13 0.00 | 14.50 0.12 0.00 | 14.03 0.10 0.00 | 14.53 0.19 0.00 | 15.68 0.19 0.00 | 19.95 0.31 0.00 | 20.65 0.39 0.00 | 21.22 0.31 0.00 | 20.29 0.32 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.61 -0.09 0.00 | 26.16 -0.45 0.00 | 31.80 -0.39 0.00 | 31.16 -0.28 0.00 | 29.06 -0.18 0.00 | 27.90 0.28 0.00 | 24.78 0.25 0.00 | 21.40 0.19 0.00 | 19.96 0.08 0.00 |
| MILLIKEN___1 23584 | 17.76 0.28 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.79 0.29 0.00 | 19.97 0.33 0.00 | 20.51 0.24 0.00 | 21.20 0.29 0.00 | 20.21 0.24 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.80 0.09 0.00 | 26.77 0.16 0.00 | 32.47 0.29 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.55 0.34 0.00 | 20.28 0.40 0.00 |
| MILLIKEN___2 23585 | 17.76 0.28 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.79 0.29 0.00 | 19.97 0.33 0.00 | 20.51 0.24 0.00 | 21.20 0.29 0.00 | 20.21 0.24 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.80 0.09 0.00 | 26.77 0.16 0.00 | 32.47 0.29 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.55 0.34 0.00 | 20.28 0.40 0.00 |
| MILLIKEN___DIESEL 23629 | 17.76 0.28 0.00 | 16.01 0.25 0.00 | 14.59 0.20 0.00 | 14.15 0.22 0.00 | 14.58 0.23 0.00 | 15.79 0.29 0.00 | 19.97 0.33 0.00 | 20.51 0.24 0.00 | 21.20 0.29 0.00 | 20.21 0.24 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.94 0.09 0.00 | 23.80 0.09 0.00 | 26.77 0.16 0.00 | 32.47 0.29 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.55 0.34 0.00 | 20.28 0.40 0.00 |
| MILLSEAT___LFGE 323607 | 17.41 -0.07 0.00 | 15.61 -0.14 0.00 | 14.33 -0.06 0.00 | 13.85 -0.08 0.00 | 14.25 -0.10 0.00 | 15.54 0.05 0.00 | 19.44 -0.20 0.00 | 19.74 -0.53 0.00 | 20.65 -0.25 0.00 | 19.75 -0.22 0.00 | 19.60 -0.42 0.00 | 19.30 -0.68 0.00 | 19.17 -0.90 0.00 | 19.85 -1.02 0.00 | 20.81 -1.05 0.00 | 22.40 -1.30 0.00 | 25.23 -1.39 0.00 | 30.47 -1.71 0.00 | 30.06 -1.38 0.00 | 28.15 -1.08 0.00 | 26.68 -0.94 0.00 | 23.94 -0.59 0.00 | 20.59 -0.62 0.00 | 19.66 -0.22 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 18.28 0.80 0.00 | 16.48 0.72 0.00 | 15.05 0.66 0.00 | 14.57 0.64 0.00 | 14.98 0.63 0.00 | 16.16 0.67 0.00 | 20.48 0.84 0.00 | 21.40 1.13 0.00 | 22.07 1.17 0.00 | 21.15 1.18 0.00 | 21.28 1.26 0.00 | 21.36 1.38 0.00 | 21.47 1.40 0.00 | 22.44 1.57 0.00 | 23.49 1.64 0.00 | 25.58 1.80 -0.08 | 28.97 2.05 -0.30 | 34.92 2.32 -0.43 | 33.76 2.08 -0.25 | 30.99 1.75 0.00 | 29.17 1.55 0.00 | 25.86 1.32 0.00 | 22.35 1.15 0.00 | 20.78 0.89 0.00 |

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| MILLWOOD_13_KV_LOAD 356217 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.08 0.69 0.00 | 14.58 0.65 0.00 | 14.99 0.65 0.00 | 16.17 0.68 0.00 | 20.50 0.86 0.00 | 21.44 1.18 0.00 | 22.12 1.21 0.00 | 21.19 1.22 0.00 | 21.30 1.28 0.00 | 21.38 1.40 0.00 | 21.51 1.44 0.00 | 22.48 1.61 0.00 | 23.54 1.68 0.00 | 25.65 1.87 -0.08 | 29.05 2.13 -0.30 | 35.02 2.41 -0.43 | 33.82 2.14 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.91 1.37 0.00 | 22.37 1.17 0.00 | 20.78 0.89 0.00 |
| MODEL_CITY_ENERGY 24167 | 17.09 -0.38 0.00 | 15.32 -0.44 0.00 | 14.09 -0.30 0.00 | 13.62 -0.31 0.00 | 14.00 -0.34 0.00 | 15.24 -0.25 0.00 | 19.06 -0.57 0.00 | 19.25 -1.01 0.00 | 20.17 -0.73 0.00 | 19.31 -0.66 0.00 | 19.16 -0.86 0.00 | 18.90 -1.08 0.00 | 18.81 -1.26 0.00 | 19.48 -1.40 0.00 | 20.39 -1.46 0.00 | 21.95 -1.75 0.00 | 24.78 -1.84 0.00 | 29.86 -2.32 0.00 | 29.43 -2.01 0.00 | 27.54 -1.70 0.00 | 26.08 -1.55 0.00 | 23.41 -1.13 0.00 | 20.17 -1.04 0.00 | 19.31 -0.58 0.00 |
| MODERN_LFGE_ 323580 | 17.09 -0.38 0.00 | 15.32 -0.44 0.00 | 14.09 -0.30 0.00 | 13.62 -0.31 0.00 | 14.00 -0.34 0.00 | 15.24 -0.25 0.00 | 19.06 -0.57 0.00 | 19.25 -1.01 0.00 | 20.17 -0.73 0.00 | 19.31 -0.66 0.00 | 19.16 -0.86 0.00 | 18.90 -1.08 0.00 | 18.81 -1.26 0.00 | 19.48 -1.40 0.00 | 20.39 -1.46 0.00 | 21.95 -1.75 0.00 | 24.78 -1.84 0.00 | 29.86 -2.32 0.00 | 29.43 -2.01 0.00 | 27.54 -1.70 0.00 | 26.08 -1.55 0.00 | 23.41 -1.13 0.00 | 20.17 -1.04 0.00 | 19.31 -0.58 0.00 |
| MOHAWK_PAPER___DRP 24187 | 18.16 0.68 0.00 | 16.39 0.63 0.00 | 14.98 0.59 0.00 | 14.50 0.57 0.00 | 14.89 0.55 0.00 | 16.07 0.57 0.00 | 20.40 0.77 0.00 | 21.14 0.87 0.00 | 21.74 0.84 0.00 | 20.73 0.76 0.00 | 20.84 0.82 0.00 | 20.88 0.90 0.00 | 20.97 0.90 0.00 | 21.88 1.00 0.00 | 22.86 1.01 0.00 | 24.74 1.11 0.08 | 27.54 1.25 0.32 | 33.18 1.45 0.45 | 32.56 1.38 0.26 | 30.55 1.32 0.00 | 28.81 1.19 0.00 | 25.56 1.03 0.00 | 22.14 0.93 0.00 | 20.58 0.70 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 18.81 1.33 0.00 | 16.86 1.10 0.00 | 15.38 0.99 0.00 | 14.90 0.98 0.00 | 15.32 0.98 0.00 | 16.58 1.08 0.00 | 21.08 1.45 0.00 | 21.91 1.64 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.50 1.52 0.00 | 21.43 1.36 0.00 | 22.40 1.52 0.00 | 23.30 1.44 0.00 | 25.21 1.59 0.08 | 28.23 1.94 0.32 | 34.24 2.51 0.45 | 33.73 2.55 0.26 | 31.75 2.51 0.00 | 29.97 2.35 0.00 | 26.55 2.01 0.00 | 22.93 1.72 0.00 | 21.25 1.37 0.00 |
| MONGAUP___HYD 23641 | 18.07 0.59 0.00 | 16.25 0.49 0.00 | 14.89 0.50 0.00 | 14.40 0.47 0.00 | 14.82 0.47 0.00 | 16.05 0.56 0.00 | 20.34 0.71 0.00 | 21.18 0.91 0.00 | 21.82 0.92 0.00 | 20.83 0.86 0.00 | 20.92 0.90 0.00 | 20.98 1.00 0.00 | 21.09 1.02 0.00 | 22.00 1.13 0.00 | 23.06 1.20 0.00 | 25.12 1.35 -0.06 | 28.46 1.60 -0.25 | 34.47 1.93 -0.35 | 33.44 1.79 -0.20 | 30.81 1.58 0.00 | 29.00 1.38 0.00 | 25.66 1.13 0.00 | 22.06 0.85 0.00 | 20.56 0.68 0.00 |
| MONTAUK___DIESEL 23721 | 19.66 2.18 0.00 | 17.52 1.76 0.00 | 15.78 1.40 0.00 | 15.25 1.32 0.00 | 15.70 1.35 0.00 | 17.01 1.52 0.00 | 21.73 2.10 0.00 | 22.55 2.29 0.00 | 23.27 2.36 0.00 | 22.49 2.52 0.00 | 25.12 2.50 -2.60 | 28.17 2.68 -5.51 | 29.15 2.77 -6.32 | 29.50 3.03 -5.59 | 32.22 3.06 -7.31 | 34.99 3.56 -7.74 | 45.20 4.05 -14.54 | 50.35 4.76 -13.41 | 59.32 4.53 -23.35 | 35.08 3.95 -1.90 | 37.98 3.56 -6.80 | 30.05 3.04 -2.47 | 23.79 2.57 -0.02 | 22.07 2.19 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 17.81 0.33 0.00 | 16.04 0.28 0.00 | 14.71 0.32 0.00 | 14.24 0.31 0.00 | 14.66 0.32 0.00 | 15.97 0.48 0.00 | 20.12 0.49 0.00 | 20.67 0.41 0.00 | 21.66 0.75 0.00 | 20.81 0.84 0.00 | 20.66 0.64 0.00 | 20.28 0.30 0.00 | 20.25 0.18 0.00 | 20.77 -0.10 0.00 | 21.70 -0.15 0.00 | 23.44 -0.26 0.00 | 26.37 -0.24 0.00 | 31.63 -0.55 0.00 | 31.38 -0.06 0.00 | 29.32 0.09 0.00 | 27.60 -0.03 0.00 | 24.78 0.25 0.00 | 21.21 0.00 0.00 | 20.26 0.38 0.00 |
| MORTIMER_115KV_TB3 55949 | 17.46 -0.02 0.00 | 15.68 -0.08 0.00 | 14.29 -0.10 0.00 | 13.85 -0.08 0.00 | 14.23 -0.11 0.00 | 15.45 -0.05 0.00 | 19.51 -0.12 0.00 | 19.94 -0.32 0.00 | 20.76 -0.15 0.00 | 19.85 -0.12 0.00 | 19.76 -0.26 0.00 | 19.56 -0.42 0.00 | 19.51 -0.56 0.00 | 20.16 -0.71 0.00 | 21.22 -0.63 0.00 | 22.92 -0.78 0.00 | 25.84 -0.77 0.00 | 31.22 -0.97 0.00 | 30.69 -0.75 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.29 -0.25 0.00 | 20.85 -0.36 0.00 | 19.80 -0.08 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 18.42 0.94 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.71 1.38 -0.36 | 22.43 1.44 -0.97 | 24.22 1.56 -2.68 | 24.22 1.59 -2.57 | 24.90 1.75 -2.27 | 25.61 1.84 -1.92 | 27.09 2.01 -1.37 | 30.21 2.26 -1.33 | 36.15 2.61 -1.37 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.05 1.52 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.11 0.72 0.00 | 14.63 0.70 0.00 | 15.16 0.82 0.00 | 16.47 0.98 0.00 | 20.93 1.30 0.00 | 21.56 1.30 0.00 | 22.18 1.28 0.00 | 20.99 1.02 0.00 | 21.02 1.00 0.00 | 20.78 0.80 0.00 | 20.79 0.72 0.00 | 21.42 0.54 0.00 | 22.42 0.57 0.00 | 24.46 0.76 0.00 | 27.55 0.93 0.00 | 33.50 1.32 0.00 | 33.01 1.57 0.00 | 31.05 1.81 0.00 | 29.56 1.93 0.00 | 26.25 1.72 0.00 | 22.54 1.34 0.00 | 21.17 1.29 0.00 |
| N SALMON___HYD 24042 | 17.76 0.28 0.00 | 15.95 0.19 0.00 | 14.59 0.20 0.00 | 14.14 0.21 0.00 | 14.66 0.32 0.00 | 15.82 0.33 0.00 | 20.14 0.51 0.00 | 20.89 0.63 0.00 | 21.47 0.56 0.00 | 20.57 0.60 0.00 | 20.48 0.46 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.15 0.27 0.00 | 22.07 0.22 0.00 | 23.87 0.17 0.00 | 26.59 -0.03 0.00 | 32.41 0.23 0.00 | 31.79 0.35 0.00 | 29.64 0.41 0.00 | 28.23 0.61 0.00 | 25.00 0.46 0.00 | 21.50 0.30 0.00 | 20.02 0.14 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 17.41 -0.07 0.00 | 15.63 -0.13 0.00 | 14.32 -0.07 0.00 | 13.83 -0.10 0.00 | 14.23 -0.11 0.00 | 15.45 -0.05 0.00 | 19.46 -0.18 0.00 | 19.68 -0.59 0.00 | 20.59 -0.31 0.00 | 19.71 -0.26 0.00 | 19.58 -0.44 0.00 | 19.24 -0.74 0.00 | 19.17 -0.90 0.00 | 19.68 -1.19 0.00 | 20.72 -1.14 0.00 | 22.33 -1.37 0.00 | 25.23 -1.38 0.00 | 30.38 -1.80 0.00 | 30.03 -1.41 0.00 | 28.15 -1.08 0.00 | 26.63 -0.99 0.00 | 23.94 -0.59 0.00 | 20.53 -0.68 0.00 | 19.68 -0.20 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 18.79 1.31 0.00 | 16.80 1.04 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.85 1.22 0.00 | 21.78 1.52 0.00 | 22.51 1.61 0.00 | 21.67 1.70 0.00 | 24.36 1.74 -2.60 | 27.33 1.84 -5.51 | 28.25 1.87 -6.32 | 28.53 2.07 -5.59 | 31.31 2.14 -7.31 | 33.81 2.37 -7.74 | 43.87 2.71 -14.54 | 48.74 3.15 -13.41 | 57.68 2.89 -23.35 | 33.62 2.48 -1.90 | 36.68 2.27 -6.80 | 28.97 1.96 -2.47 | 22.99 1.76 -0.02 | 21.29 1.41 0.00 |
| N.E._GEN_SANDY PD 24062 | 18.06 0.58 0.00 | 16.32 0.57 0.00 | 14.91 0.52 0.00 | 14.43 0.50 0.00 | 14.84 0.49 0.00 | 16.00 0.51 0.00 | 20.30 0.67 0.00 | 21.09 0.83 0.00 | 21.70 0.79 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.88 0.90 0.00 | 20.95 0.88 0.00 | 21.88 1.00 0.00 | 22.93 1.07 0.00 | 24.35 1.21 0.56 | 25.70 1.36 2.27 | 30.55 1.54 3.18 | 30.99 1.38 1.83 | 30.49 1.26 0.00 | 28.70 1.08 0.00 | 25.47 0.93 0.00 | 22.01 0.81 0.00 | 20.48 0.60 0.00 |

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| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 18.20 0.72 0.00 | 16.43 0.68 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.94 0.59 0.00 | 16.14 0.65 0.00 | 20.42 0.79 0.00 | 21.34 1.07 0.00 | 22.03 1.13 0.00 | 21.09 1.12 0.00 | 21.24 1.22 0.00 | 21.30 1.32 0.00 | 21.45 1.38 0.00 | 22.40 1.52 0.00 | 23.45 1.60 0.00 | 25.55 1.78 -0.07 | 28.89 2.00 -0.28 | 34.86 2.28 -0.40 | 33.68 2.01 -0.23 | 30.93 1.70 0.00 | 29.12 1.49 0.00 | 25.81 1.28 0.00 | 22.29 1.08 0.00 | 20.72 0.84 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 18.60 1.12 0.00 | 16.78 1.02 0.00 | 15.32 0.94 0.00 | 14.81 0.88 0.00 | 15.24 0.89 -0.01 | 16.36 0.87 0.00 | 20.42 0.79 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.79 1.46 -0.36 | 22.55 1.54 -0.99 | 24.36 1.64 -2.74 | 24.36 1.67 -2.63 | 25.03 1.84 -2.32 | 25.74 1.92 -1.96 | 27.23 2.13 -1.40 | 30.35 2.37 -1.36 | 36.18 2.61 -1.39 | 34.15 2.42 -0.29 | 31.28 2.05 0.00 | 29.42 1.80 0.00 | 26.15 1.62 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| N.TROY___115KV_TB1 355778 | 18.13 0.65 0.00 | 16.36 0.60 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.88 0.53 0.00 | 16.05 0.56 0.00 | 20.38 0.75 0.00 | 21.11 0.85 0.00 | 21.72 0.82 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.84 0.86 0.00 | 20.91 0.84 0.00 | 21.86 0.98 0.00 | 22.84 0.98 0.00 | 24.67 1.07 0.10 | 27.43 1.22 0.41 | 33.05 1.45 0.58 | 32.46 1.35 0.33 | 30.52 1.29 0.00 | 28.76 1.13 0.00 | 25.54 1.01 0.00 | 22.12 0.91 0.00 | 20.58 0.70 0.00 |
| NARROWS_GT1_1 24228 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_2 24229 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_3 24230 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_4 24231 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_5 24232 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_6 24233 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_7 24234 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT1_8 24235 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_1 24236 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_2 24237 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_3 24238 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_4 24239 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_5 24240 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_6 24241 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_7 24242 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NARROWS_GT2_8 24243 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 18.09 0.61 0.00 | 16.23 0.47 0.00 | 14.92 0.53 0.00 | 14.44 0.52 0.00 | 14.84 0.49 0.00 | 16.04 0.54 0.00 | 20.40 0.77 0.00 | 21.18 0.91 0.00 | 21.72 0.82 0.00 | 20.53 0.56 0.00 | 20.60 0.58 0.00 | 20.66 0.68 0.00 | 20.79 0.72 0.00 | 21.81 0.94 0.00 | 22.69 0.83 0.00 | 24.79 1.11 0.03 | 27.74 1.25 0.13 | 33.55 1.54 0.18 | 32.85 1.51 0.10 | 30.55 1.32 0.00 | 28.76 1.13 0.00 | 25.47 0.93 0.00 | 22.06 0.85 0.00 | 20.48 0.60 0.00 |
| NCHELSEA_115KV_TR2 355582 | 18.21 0.73 0.00 | 16.42 0.66 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.96 0.62 0.00 | 16.19 0.70 0.00 | 20.52 0.88 0.00 | 21.42 1.16 0.00 | 22.07 1.17 0.00 | 21.05 1.08 0.00 | 21.20 1.18 0.00 | 21.30 1.32 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.41 1.55 0.00 | 25.49 1.73 -0.06 | 28.82 1.97 -0.24 | 34.83 2.32 -0.33 | 33.71 2.08 -0.19 | 31.02 1.78 0.00 | 29.17 1.55 0.00 | 25.81 1.28 0.00 | 22.25 1.04 0.00 | 20.68 0.80 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 18.48 1.00 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.69 0.77 0.00 | 15.11 0.76 0.00 | 16.31 0.82 0.00 | 20.73 1.10 0.00 | 21.52 1.26 0.00 | 22.14 1.23 0.00 | 21.09 1.12 0.00 | 21.14 1.12 0.00 | 21.18 1.20 0.00 | 21.21 1.14 0.00 | 22.13 1.25 0.00 | 23.19 1.33 0.00 | 25.11 1.49 0.09 | 27.96 1.70 0.36 | 33.77 2.09 0.50 | 33.22 2.07 0.29 | 31.25 2.02 0.00 | 29.47 1.85 0.00 | 26.10 1.57 0.00 | 22.54 1.34 0.00 | 20.96 1.07 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 17.17 -0.31 0.00 | 15.44 -0.32 0.00 | 14.09 -0.30 0.00 | 13.64 -0.29 0.00 | 14.03 -0.32 0.00 | 15.26 -0.23 0.00 | 19.24 -0.39 0.00 | 19.72 -0.55 0.00 | 20.55 -0.36 0.00 | 19.65 -0.32 0.00 | 19.64 -0.38 0.00 | 19.46 -0.52 0.00 | 19.39 -0.68 0.00 | 20.08 -0.79 0.00 | 21.02 -0.83 0.00 | 22.71 -0.99 0.00 | 25.60 -1.01 0.00 | 30.99 -1.19 0.00 | 30.40 -1.04 0.00 | 28.38 -0.85 0.00 | 26.91 -0.72 0.00 | 23.97 -0.56 0.00 | 20.64 -0.57 0.00 | 19.50 -0.38 0.00 |
| NEG CENTRAL___DRP 24199 | 17.53 0.05 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.96 0.03 0.00 | 14.38 0.03 0.00 | 15.56 0.06 0.00 | 19.67 0.04 0.00 | 20.18 -0.08 0.00 | 20.90 0.00 0.00 | 19.97 0.00 0.00 | 20.00 -0.02 0.00 | 19.86 -0.12 0.00 | 19.91 -0.16 0.00 | 20.58 -0.29 0.00 | 21.61 -0.24 0.00 | 23.42 -0.28 0.00 | 26.32 -0.29 0.00 | 31.89 -0.29 0.00 | 31.28 -0.16 0.00 | 29.20 -0.03 0.00 | 27.62 0.00 0.00 | 24.61 0.07 0.00 | 21.17 -0.04 0.00 | 19.98 0.10 0.00 |
| NEG CENTRAL___INDECK 23768 | 17.97 0.49 0.00 | 16.15 0.39 0.00 | 14.72 0.33 0.00 | 14.26 0.33 0.00 | 14.66 0.32 0.00 | 16.00 0.51 0.00 | 20.14 0.51 0.00 | 20.57 0.30 0.00 | 21.32 0.42 0.00 | 20.23 0.26 0.00 | 20.10 0.08 0.00 | 19.86 -0.12 0.00 | 19.73 -0.34 0.00 | 20.40 -0.48 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.11 -0.51 0.00 | 31.67 -0.52 0.00 | 31.41 -0.03 0.00 | 29.59 0.35 0.00 | 28.18 0.55 0.00 | 25.17 0.64 0.00 | 21.63 0.42 0.00 | 20.50 0.62 0.00 |
| NEG CENTRAL___SENECA 23627 | 17.57 0.09 0.00 | 15.85 0.09 0.00 | 14.45 0.06 0.00 | 14.01 0.08 0.00 | 14.43 0.09 0.00 | 15.60 0.11 0.00 | 19.71 0.08 0.00 | 20.20 -0.06 0.00 | 20.97 0.06 0.00 | 20.03 0.06 0.00 | 20.06 0.04 0.00 | 19.86 -0.12 0.00 | 19.89 -0.18 0.00 | 20.54 -0.33 0.00 | 21.55 -0.31 0.00 | 23.35 -0.36 0.00 | 26.30 -0.32 0.00 | 31.83 -0.35 0.00 | 31.28 -0.16 0.00 | 29.18 -0.06 0.00 | 27.60 -0.03 0.00 | 24.63 0.10 0.00 | 21.17 -0.04 0.00 | 20.00 0.12 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 17.71 0.23 0.00 | 15.85 0.09 0.00 | 14.43 0.04 0.00 | 14.00 0.07 0.00 | 14.42 0.07 0.00 | 15.62 0.12 0.00 | 19.77 0.14 0.00 | 20.41 0.14 0.00 | 21.11 0.21 0.00 | 20.15 0.18 0.00 | 20.10 0.08 0.00 | 20.00 0.02 0.00 | 20.07 0.00 0.00 | 20.87 0.00 0.00 | 21.94 0.09 0.00 | 23.75 0.05 0.00 | 26.69 0.08 0.00 | 32.37 0.19 0.00 | 31.72 0.28 0.00 | 29.56 0.32 0.00 | 27.98 0.36 0.00 | 24.88 0.34 0.00 | 21.44 0.23 0.00 | 20.20 0.32 0.00 |
| NEG MILLWOOD___DRP 24198 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.11 0.72 0.00 | 14.61 0.68 0.00 | 15.01 0.66 0.00 | 16.19 0.70 0.00 | 20.55 0.92 0.00 | 21.50 1.24 0.00 | 22.12 1.21 0.00 | 21.13 1.16 0.00 | 21.28 1.26 0.00 | 21.36 1.38 0.00 | 21.49 1.42 0.00 | 22.48 1.61 0.00 | 23.56 1.70 0.00 | 25.67 1.90 -0.07 | 29.04 2.16 -0.27 | 35.06 2.51 -0.37 | 33.86 2.20 -0.21 | 31.13 1.90 0.00 | 29.31 1.69 0.00 | 25.91 1.37 0.00 | 22.33 1.12 0.00 | 20.72 0.84 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.65 0.26 0.00 | 14.19 0.26 0.00 | 14.71 0.36 0.00 | 15.88 0.39 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.57 0.67 0.00 | 20.65 0.68 0.00 | 20.48 0.46 0.00 | 20.28 0.30 0.00 | 20.29 0.22 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.87 0.17 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 31.98 0.53 0.00 | 29.79 0.56 0.00 | 28.31 0.69 0.00 | 24.97 0.44 0.00 | 21.53 0.32 0.00 | 20.06 0.18 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 17.69 0.21 0.00 | 15.87 0.11 0.00 | 14.53 0.14 0.00 | 14.08 0.15 0.00 | 14.59 0.24 0.00 | 15.76 0.26 0.00 | 20.04 0.41 0.00 | 20.77 0.51 0.00 | 21.36 0.46 0.00 | 20.45 0.48 0.00 | 20.32 0.30 0.00 | 20.12 0.14 0.00 | 20.13 0.06 0.00 | 21.00 0.13 0.00 | 21.90 0.04 0.00 | 23.63 -0.07 0.00 | 26.48 -0.13 0.00 | 32.28 0.10 0.00 | 31.69 0.25 0.00 | 29.53 0.29 0.00 | 28.07 0.44 0.00 | 24.75 0.22 0.00 | 21.38 0.17 0.00 | 19.92 0.04 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG NORTH___ALICE_FALLS 23915 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.71 0.36 0.00 | 15.87 0.37 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.55 0.65 0.00 | 20.65 0.68 0.00 | 20.50 0.48 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.87 0.17 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.01 0.57 0.00 | 29.85 0.61 0.00 | 28.34 0.72 0.00 | 24.97 0.44 0.00 | 21.55 0.34 0.00 | 20.06 0.18 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.71 0.36 0.00 | 15.87 0.37 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.55 0.65 0.00 | 20.65 0.68 0.00 | 20.50 0.48 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.87 0.17 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.01 0.57 0.00 | 29.85 0.61 0.00 | 28.34 0.72 0.00 | 24.97 0.44 0.00 | 21.55 0.34 0.00 | 20.06 0.18 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 17.85 0.37 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.71 0.36 0.00 | 15.86 0.37 0.00 | 20.20 0.57 0.00 | 20.97 0.71 0.00 | 21.55 0.65 0.00 | 20.65 0.68 0.00 | 20.50 0.48 0.00 | 20.30 0.32 0.00 | 20.31 0.24 0.00 | 21.19 0.31 0.00 | 22.12 0.26 0.00 | 23.92 0.21 0.00 | 26.72 0.11 0.00 | 32.60 0.42 0.00 | 32.04 0.60 0.00 | 29.85 0.61 0.00 | 28.37 0.75 0.00 | 25.07 0.54 0.00 | 21.55 0.34 0.00 | 20.06 0.18 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.17 -0.22 0.00 | 13.69 -0.24 0.00 | 14.09 -0.26 0.00 | 15.28 -0.22 0.00 | 19.24 -0.39 0.00 | 19.41 -0.85 0.00 | 20.34 -0.56 0.00 | 19.51 -0.46 0.00 | 19.34 -0.68 0.00 | 19.04 -0.94 0.00 | 18.99 -1.08 0.00 | 19.52 -1.36 0.00 | 20.52 -1.33 0.00 | 22.12 -1.59 0.00 | 24.96 -1.65 0.00 | 30.06 -2.12 0.00 | 29.68 -1.76 0.00 | 27.80 -1.43 0.00 | 26.27 -1.35 0.00 | 23.65 -0.88 0.00 | 20.30 -0.91 0.00 | 19.49 -0.40 0.00 |
| NEG WEST___LANCASTR 23811 | 17.34 -0.14 0.00 | 15.55 -0.20 0.00 | 14.25 -0.14 0.00 | 13.78 -0.15 0.00 | 14.19 -0.16 0.00 | 15.40 -0.09 0.00 | 19.38 -0.26 0.00 | 19.78 -0.49 0.00 | 20.67 -0.23 0.00 | 19.85 -0.12 0.00 | 19.72 -0.30 0.00 | 19.44 -0.54 0.00 | 19.47 -0.60 0.00 | 20.04 -0.83 0.00 | 21.07 -0.79 0.00 | 22.76 -0.95 0.00 | 25.66 -0.96 0.00 | 30.89 -1.29 0.00 | 30.47 -0.97 0.00 | 28.42 -0.82 0.00 | 26.79 -0.83 0.00 | 24.07 -0.47 0.00 | 20.66 -0.55 0.00 | 19.72 -0.16 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 17.65 0.17 0.00 | 15.91 0.16 0.00 | 14.53 0.14 0.00 | 14.07 0.14 0.00 | 14.49 0.14 0.00 | 15.69 0.20 0.00 | 19.81 0.18 0.00 | 20.43 0.16 0.00 | 21.16 0.25 0.00 | 20.21 0.24 0.00 | 20.24 0.22 0.00 | 20.12 0.14 0.00 | 20.21 0.14 0.00 | 21.04 0.17 0.00 | 22.03 0.17 0.00 | 23.89 0.19 0.00 | 26.88 0.27 0.00 | 32.47 0.29 0.00 | 31.79 0.35 0.00 | 29.59 0.35 0.00 | 27.96 0.33 0.00 | 24.88 0.34 0.00 | 21.44 0.23 0.00 | 20.18 0.30 0.00 |
| NEG___GEN_MONROE 24207 | 17.48 0.00 0.00 | 15.73 -0.03 0.00 | 14.32 -0.07 0.00 | 13.87 -0.06 0.00 | 14.25 -0.10 0.00 | 15.51 0.02 0.00 | 19.59 -0.04 0.00 | 20.00 -0.26 0.00 | 20.80 -0.10 0.00 | 19.91 -0.06 0.00 | 19.84 -0.18 0.00 | 19.64 -0.34 0.00 | 19.59 -0.48 0.00 | 20.19 -0.69 0.00 | 21.24 -0.61 0.00 | 22.94 -0.76 0.00 | 25.84 -0.77 0.00 | 31.22 -0.97 0.00 | 30.69 -0.75 0.00 | 28.68 -0.56 0.00 | 27.21 -0.41 0.00 | 24.31 -0.22 0.00 | 20.87 -0.34 0.00 | 19.88 0.00 0.00 |
| NEPA___ENERGY 23901 | 17.62 0.14 0.00 | 15.82 0.06 0.00 | 14.49 0.10 0.00 | 14.03 0.10 0.00 | 14.45 0.10 0.00 | 15.68 0.19 0.00 | 19.71 0.08 0.00 | 20.14 -0.12 0.00 | 21.07 0.17 0.00 | 20.21 0.24 0.00 | 20.08 0.06 0.00 | 19.80 -0.18 0.00 | 19.85 -0.22 0.00 | 20.48 -0.40 0.00 | 21.48 -0.37 0.00 | 23.23 -0.47 0.00 | 26.16 -0.45 0.00 | 31.54 -0.64 0.00 | 31.06 -0.38 0.00 | 28.94 -0.29 0.00 | 27.29 -0.33 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 20.10 0.22 0.00 |
| NEVERSINK___HYD 23608 | 17.76 0.28 0.00 | 15.93 0.17 0.00 | 14.58 0.19 0.00 | 14.10 0.17 0.00 | 14.52 0.17 0.00 | 15.73 0.23 0.00 | 19.95 0.31 0.00 | 20.89 0.63 0.00 | 21.53 0.63 0.00 | 20.53 0.56 0.00 | 20.60 0.58 0.00 | 20.66 0.68 0.00 | 20.81 0.74 0.00 | 21.73 0.86 0.00 | 22.82 0.96 0.00 | 24.88 1.14 -0.04 | 28.11 1.33 -0.17 | 33.99 1.58 -0.23 | 32.99 1.42 -0.13 | 30.40 1.17 0.00 | 28.62 0.99 0.00 | 25.29 0.76 0.00 | 21.74 0.53 0.00 | 20.22 0.34 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 17.81 0.33 0.00 | 16.10 0.35 0.00 | 14.75 0.36 0.00 | 14.28 0.35 0.00 | 14.66 0.32 0.00 | 15.79 0.29 0.00 | 20.02 0.39 0.00 | 20.77 0.51 0.00 | 21.26 0.36 0.00 | 20.27 0.30 0.00 | 20.40 0.38 0.00 | 20.46 0.48 0.00 | 20.65 0.58 0.00 | 21.54 0.67 0.00 | 22.47 0.61 0.00 | 24.32 0.69 0.07 | 27.10 0.77 0.29 | 32.65 0.87 0.40 | 31.99 0.79 0.23 | 29.96 0.73 0.00 | 28.23 0.61 0.00 | 25.05 0.52 0.00 | 21.76 0.55 0.00 | 20.22 0.34 0.00 |
| NEWTON___FALLS_HYD 23847 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.79 -0.07 0.00 | 23.58 -0.12 0.00 | 26.24 -0.37 0.00 | 31.96 -0.23 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.00 0.47 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| NGRID_A1_DSASP 323792 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.87 -0.52 0.00 | 13.41 -0.52 0.00 | 13.79 -0.56 0.00 | 15.01 -0.48 0.00 | 18.81 -0.82 0.00 | 18.97 -1.30 0.00 | 19.88 -1.02 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.64 -1.34 0.00 | 18.54 -1.53 0.00 | 19.20 -1.67 0.00 | 20.11 -1.75 0.00 | 21.64 -2.06 0.00 | 24.43 -2.18 0.00 | 29.41 -2.77 0.00 | 28.99 -2.45 0.00 | 27.13 -2.11 0.00 | 25.66 -1.96 0.00 | 23.06 -1.47 0.00 | 19.87 -1.34 0.00 | 19.05 -0.83 0.00 |
| NGRID_A2_DSASP 323793 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.87 -0.52 0.00 | 13.41 -0.52 0.00 | 13.79 -0.56 0.00 | 15.01 -0.48 0.00 | 18.81 -0.82 0.00 | 18.97 -1.30 0.00 | 19.88 -1.02 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.64 -1.34 0.00 | 18.54 -1.53 0.00 | 19.20 -1.67 0.00 | 20.11 -1.75 0.00 | 21.64 -2.06 0.00 | 24.43 -2.18 0.00 | 29.41 -2.77 0.00 | 28.99 -2.45 0.00 | 27.13 -2.11 0.00 | 25.66 -1.96 0.00 | 23.06 -1.47 0.00 | 19.87 -1.34 0.00 | 19.05 -0.83 0.00 |
| NGRID_A4_DSASP 323807 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.84 -0.55 0.00 | 13.46 -0.47 0.00 | 13.83 -0.52 0.00 | 14.94 -0.56 0.00 | 18.81 -0.82 0.00 | 18.95 -1.32 0.00 | 19.86 -1.05 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.58 -1.40 0.00 | 18.54 -1.53 0.00 | 19.08 -1.80 0.00 | 20.04 -1.81 0.00 | 21.62 -2.09 0.00 | 24.41 -2.21 0.00 | 29.32 -2.86 0.00 | 28.96 -2.48 0.00 | 27.13 -2.10 0.00 | 25.63 -1.99 0.00 | 23.09 -1.45 0.00 | 19.81 -1.40 0.00 | 19.05 -0.84 0.00 |
| NIAGARA_115E_LBMP 323715 | 17.01 -0.47 0.00 | 15.24 -0.52 0.00 | 14.03 -0.36 0.00 | 13.57 -0.36 0.00 | 13.95 -0.40 0.00 | 15.18 -0.31 0.00 | 18.96 -0.67 0.00 | 19.15 -1.11 0.00 | 20.07 -0.84 0.00 | 19.21 -0.76 0.00 | 19.06 -0.96 0.00 | 18.80 -1.18 0.00 | 18.70 -1.37 0.00 | 19.37 -1.50 0.00 | 20.28 -1.57 0.00 | 21.83 -1.87 0.00 | 24.65 -1.97 0.00 | 29.70 -2.48 0.00 | 29.27 -2.17 0.00 | 27.39 -1.84 0.00 | 25.91 -1.71 0.00 | 23.28 -1.25 0.00 | 20.06 -1.15 0.00 | 19.21 -0.68 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NIAGARA_115W_LBMP 323714 | 16.83 -0.65 0.00 | 15.08 -0.68 0.00 | 13.83 -0.56 0.00 | 13.37 -0.56 0.00 | 13.76 -0.59 0.00 | 14.97 -0.53 0.00 | 18.75 -0.88 0.00 | 18.91 -1.36 0.00 | 19.84 -1.07 0.00 | 18.99 -0.98 0.00 | 18.84 -1.18 0.00 | 18.58 -1.40 0.00 | 18.48 -1.59 0.00 | 19.16 -1.71 0.00 | 20.06 -1.79 0.00 | 21.59 -2.11 0.00 | 24.38 -2.24 0.00 | 29.35 -2.83 0.00 | 28.92 -2.52 0.00 | 27.04 -2.19 0.00 | 25.61 -2.02 0.00 | 23.01 -1.52 0.00 | 19.83 -1.38 0.00 | 19.01 -0.87 0.00 |
| NIAGARA_230_LBMP 323716 | 17.06 -0.42 0.00 | 15.28 -0.47 0.00 | 14.03 -0.36 0.00 | 13.57 -0.36 0.00 | 13.96 -0.39 0.00 | 15.18 -0.31 0.00 | 19.02 -0.61 0.00 | 19.21 -1.05 0.00 | 20.13 -0.77 0.00 | 19.29 -0.68 0.00 | 19.14 -0.88 0.00 | 18.90 -1.08 0.00 | 18.81 -1.26 0.00 | 19.48 -1.40 0.00 | 20.41 -1.44 0.00 | 21.97 -1.73 0.00 | 24.80 -1.81 0.00 | 29.86 -2.32 0.00 | 29.43 -2.01 0.00 | 27.51 -1.72 0.00 | 26.05 -1.57 0.00 | 23.38 -1.15 0.00 | 20.15 -1.06 0.00 | 19.29 -0.60 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 16.83 -0.65 0.00 | 15.08 -0.68 0.00 | 13.81 -0.58 0.00 | 13.41 -0.52 0.00 | 13.80 -0.55 0.00 | 14.90 -0.59 0.00 | 18.75 -0.88 0.00 | 18.91 -1.36 0.00 | 19.82 -1.09 0.00 | 18.99 -0.98 0.00 | 18.84 -1.18 0.00 | 18.54 -1.44 0.00 | 18.48 -1.59 0.00 | 19.04 -1.84 0.00 | 20.00 -1.86 0.00 | 21.55 -2.16 0.00 | 24.33 -2.29 0.00 | 29.25 -2.93 0.00 | 28.89 -2.55 0.00 | 27.07 -2.16 0.00 | 25.58 -2.04 0.00 | 23.01 -1.52 0.00 | 19.77 -1.44 0.00 | 19.01 -0.87 0.00 |
| NIAGARA____ 23760 | 16.90 -0.58 0.00 | 15.14 -0.61 0.00 | 13.90 -0.49 0.00 | 13.44 -0.49 0.00 | 13.82 -0.53 0.00 | 15.04 -0.45 0.00 | 18.85 -0.79 0.00 | 19.09 -1.18 0.00 | 20.01 -0.90 0.00 | 19.17 -0.80 0.00 | 19.02 -1.00 0.00 | 18.76 -1.22 0.00 | 18.66 -1.41 0.00 | 19.35 -1.52 0.00 | 20.26 -1.59 0.00 | 21.81 -1.90 0.00 | 24.65 -1.97 0.00 | 29.67 -2.51 0.00 | 29.24 -2.20 0.00 | 27.33 -1.90 0.00 | 25.88 -1.74 0.00 | 23.23 -1.30 0.00 | 20.00 -1.21 0.00 | 19.11 -0.78 0.00 |
| NINE_MILE_1 23575 | 17.08 -0.40 0.00 | 15.38 -0.38 0.00 | 14.04 -0.35 0.00 | 13.59 -0.33 0.00 | 14.00 -0.34 0.00 | 15.15 -0.34 0.00 | 19.16 -0.47 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.68 -0.93 0.00 | 31.09 -1.09 0.00 | 30.37 -1.07 0.00 | 28.27 -0.96 0.00 | 26.74 -0.89 0.00 | 23.80 -0.74 0.00 | 20.59 -0.62 0.00 | 19.43 -0.46 0.00 |
| NINE_MILE_2 23744 | 17.08 -0.40 0.00 | 15.38 -0.38 0.00 | 14.04 -0.35 0.00 | 13.59 -0.33 0.00 | 14.00 -0.34 0.00 | 15.15 -0.34 0.00 | 19.16 -0.47 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.68 -0.93 0.00 | 31.09 -1.09 0.00 | 30.40 -1.04 0.00 | 28.30 -0.94 0.00 | 26.74 -0.89 0.00 | 23.80 -0.74 0.00 | 20.59 -0.62 0.00 | 19.45 -0.44 0.00 |
| NM_CAPITAL____DRP 24208 | 17.85 0.37 0.00 | 16.13 0.38 0.00 | 14.78 0.39 0.00 | 14.31 0.38 0.00 | 14.69 0.34 0.00 | 15.82 0.33 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.52 0.50 0.00 | 20.58 0.60 0.00 | 20.67 0.60 0.00 | 21.58 0.71 0.00 | 22.53 0.68 0.00 | 24.38 0.76 0.08 | 27.15 0.85 0.32 | 32.67 0.93 0.44 | 32.03 0.85 0.26 | 30.02 0.79 0.00 | 28.29 0.66 0.00 | 25.12 0.59 0.00 | 21.82 0.62 0.00 | 20.26 0.38 0.00 |
| NM_CENTRAL____DRP 24181 | 17.37 -0.10 0.00 | 15.65 -0.11 0.00 | 14.27 -0.12 0.00 | 13.83 -0.10 0.00 | 14.23 -0.11 0.00 | 15.40 -0.09 0.00 | 19.49 -0.14 0.00 | 20.02 -0.24 0.00 | 20.69 -0.21 0.00 | 19.77 -0.20 0.00 | 19.82 -0.20 0.00 | 19.74 -0.24 0.00 | 19.83 -0.24 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.35 -0.36 0.00 | 26.22 -0.40 0.00 | 31.76 -0.42 0.00 | 31.06 -0.38 0.00 | 28.94 -0.29 0.00 | 27.35 -0.28 0.00 | 24.34 -0.20 0.00 | 21.00 -0.21 0.00 | 19.80 -0.08 0.00 |
| NM_FRONTIER____DRP 24179 | 16.83 -0.65 0.00 | 15.08 -0.68 0.00 | 13.81 -0.58 0.00 | 13.41 -0.52 0.00 | 13.80 -0.55 0.00 | 14.90 -0.59 0.00 | 18.75 -0.88 0.00 | 18.91 -1.36 0.00 | 19.82 -1.09 0.00 | 18.99 -0.98 0.00 | 18.84 -1.18 0.00 | 18.54 -1.44 0.00 | 18.48 -1.59 0.00 | 19.04 -1.84 0.00 | 20.00 -1.86 0.00 | 21.55 -2.16 0.00 | 24.33 -2.29 0.00 | 29.25 -2.93 0.00 | 28.89 -2.55 0.00 | 27.07 -2.16 0.00 | 25.58 -2.04 0.00 | 23.01 -1.52 0.00 | 19.77 -1.44 0.00 | 19.01 -0.87 0.00 |
| NM_ST_REGIS____HYD 24053 | 17.64 0.16 0.00 | 15.88 0.13 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.71 0.22 0.00 | 19.99 0.35 0.00 | 20.71 0.45 0.00 | 21.28 0.38 0.00 | 20.35 0.38 0.00 | 20.32 0.30 0.00 | 20.18 0.20 0.00 | 20.23 0.16 0.00 | 21.00 0.13 0.00 | 21.92 0.07 0.00 | 23.63 -0.07 0.00 | 26.27 -0.35 0.00 | 31.92 -0.26 0.00 | 31.31 -0.13 0.00 | 29.20 -0.03 0.00 | 27.98 0.36 0.00 | 24.80 0.27 0.00 | 21.42 0.21 0.00 | 19.98 0.10 0.00 |
| NORTHPORT____1 23551 | 18.88 1.40 0.00 | 16.84 1.09 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.89 1.26 0.00 | 21.80 1.54 0.00 | 22.51 1.61 0.00 | 21.69 1.72 0.00 | 24.36 1.74 -2.60 | 27.35 1.86 -5.51 | 28.31 1.93 -6.32 | 28.60 2.13 -5.59 | 31.42 2.25 -7.31 | 33.93 2.49 -7.74 | 44.08 2.93 -14.54 | 48.91 3.32 -13.41 | 57.90 3.11 -23.35 | 33.94 2.81 -1.90 | 36.93 2.51 -6.80 | 29.09 2.08 -2.47 | 23.01 1.78 -0.02 | 21.33 1.45 0.00 |
| NORTHPORT____2 23552 | 18.88 1.40 0.00 | 16.84 1.09 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.89 1.26 0.00 | 21.80 1.54 0.00 | 22.51 1.61 0.00 | 21.69 1.72 0.00 | 24.36 1.74 -2.60 | 27.35 1.86 -5.51 | 28.31 1.93 -6.32 | 28.60 2.13 -5.59 | 31.42 2.25 -7.31 | 33.93 2.49 -7.74 | 44.08 2.93 -14.54 | 48.91 3.32 -13.41 | 57.90 3.11 -23.35 | 33.94 2.81 -1.90 | 36.93 2.51 -6.80 | 29.09 2.08 -2.47 | 23.01 1.78 -0.02 | 21.33 1.45 0.00 |
| NORTHPORT____3 23553 | 18.84 1.36 0.00 | 16.84 1.09 0.00 | 15.24 0.85 0.00 | 14.72 0.79 0.00 | 15.15 0.80 0.00 | 16.39 0.90 0.00 | 20.89 1.26 0.00 | 21.85 1.58 0.00 | 22.55 1.65 0.00 | 21.73 1.76 0.00 | 24.40 1.78 -2.60 | 27.39 1.90 -5.51 | 28.33 1.95 -6.32 | 28.62 2.15 -5.59 | 31.47 2.29 -7.32 | 33.96 2.51 -7.74 | 44.09 2.93 -14.55 | 48.94 3.35 -13.42 | 57.91 3.11 -23.36 | 33.95 2.81 -1.91 | 36.94 2.51 -6.80 | 29.12 2.11 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| NORTHPORT____4 23650 | 18.84 1.36 0.00 | 16.84 1.09 0.00 | 15.24 0.85 0.00 | 14.72 0.79 0.00 | 15.15 0.80 0.00 | 16.39 0.90 0.00 | 20.89 1.26 0.00 | 21.85 1.58 0.00 | 22.55 1.65 0.00 | 21.73 1.76 0.00 | 24.40 1.78 -2.60 | 27.39 1.90 -5.51 | 28.33 1.95 -6.32 | 28.62 2.15 -5.59 | 31.47 2.29 -7.32 | 33.96 2.51 -7.74 | 44.09 2.93 -14.55 | 48.94 3.35 -13.42 | 57.91 3.11 -23.36 | 33.95 2.81 -1.91 | 36.94 2.51 -6.80 | 29.12 2.11 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| NORTHPORT____IC 23718 | 18.88 1.40 0.00 | 16.84 1.09 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.89 1.26 0.00 | 21.80 1.54 0.00 | 22.51 1.61 0.00 | 21.69 1.72 0.00 | 24.36 1.74 -2.60 | 27.35 1.86 -5.51 | 28.31 1.93 -6.32 | 28.60 2.13 -5.59 | 31.42 2.25 -7.31 | 33.93 2.49 -7.74 | 44.08 2.93 -14.54 | 48.91 3.32 -13.41 | 57.90 3.11 -23.35 | 33.94 2.81 -1.90 | 36.93 2.51 -6.80 | 29.09 2.08 -2.47 | 23.01 1.78 -0.02 | 21.33 1.45 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NORTH____COUNTRY_ESR 323785 | 17.64 0.16 0.00 | 15.82 0.06 0.00 | 14.49 0.10 0.00 | 14.04 0.11 0.00 | 14.55 0.20 0.00 | 15.71 0.22 0.00 | 19.99 0.35 0.00 | 20.71 0.45 0.00 | 21.32 0.42 0.00 | 20.41 0.44 0.00 | 20.28 0.26 0.00 | 20.08 0.10 0.00 | 20.09 0.02 0.00 | 20.96 0.08 0.00 | 21.88 0.02 0.00 | 23.66 -0.05 0.00 | 26.43 -0.19 0.00 | 32.21 0.03 0.00 | 31.60 0.16 0.00 | 29.44 0.21 0.00 | 27.98 0.36 0.00 | 24.78 0.25 0.00 | 21.31 0.11 0.00 | 19.86 -0.02 0.00 |
| NPX_GEN_1385_PROXY 323591 | 18.91 1.43 0.00 | 16.84 1.09 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.38 0.88 0.00 | 20.89 1.26 0.00 | 21.85 1.58 0.00 | 22.55 1.65 0.00 | 21.73 1.76 0.00 | 24.36 1.74 -2.60 | 27.35 1.86 -5.51 | 28.31 1.93 -6.32 | 28.64 2.17 -5.59 | 31.46 2.29 -7.31 | 33.98 2.54 -7.74 | 44.13 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.14 2.13 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| NPX_GEN_CSC 323557 | 18.95 1.47 0.00 | 16.94 1.18 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.68 1.42 0.00 | 22.30 1.40 0.00 | 21.51 1.54 0.00 | 24.22 1.60 -2.60 | 27.23 1.74 -5.51 | 28.23 1.85 -6.32 | 28.49 2.02 -5.59 | 31.26 2.10 -7.31 | 33.76 2.32 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.81 3.02 -23.35 | 33.82 2.69 -1.90 | 36.80 2.38 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 18.84 1.36 0.00 | 16.89 1.13 0.00 | 15.41 1.02 0.00 | 14.93 1.00 0.00 | 15.35 1.00 0.00 | 16.61 1.12 0.00 | 21.12 1.49 0.00 | 21.93 1.66 0.00 | 22.55 1.65 0.00 | 21.47 1.50 0.00 | 21.52 1.50 0.00 | 21.54 1.56 0.00 | 21.45 1.38 0.00 | 22.42 1.54 0.00 | 23.30 1.44 0.00 | 25.24 1.61 0.08 | 28.26 1.97 0.32 | 34.31 2.57 0.45 | 33.76 2.58 0.26 | 31.78 2.54 0.00 | 30.03 2.40 0.00 | 26.57 2.04 0.00 | 22.97 1.76 0.00 | 21.29 1.41 0.00 |
| NUCOR_STEEL____DRP 24197 | 17.64 0.16 0.00 | 15.90 0.14 0.00 | 14.48 0.09 0.00 | 14.04 0.11 0.00 | 14.46 0.11 0.00 | 15.66 0.17 0.00 | 19.81 0.18 0.00 | 20.30 0.04 0.00 | 21.01 0.10 0.00 | 20.05 0.08 0.00 | 20.08 0.06 0.00 | 19.98 0.00 0.00 | 20.05 -0.02 0.00 | 20.79 -0.08 0.00 | 21.83 -0.02 0.00 | 23.66 -0.05 0.00 | 26.56 -0.05 0.00 | 32.21 0.03 0.00 | 31.53 0.09 0.00 | 29.41 0.18 0.00 | 27.84 0.22 0.00 | 24.75 0.22 0.00 | 21.34 0.13 0.00 | 20.10 0.22 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 17.81 0.33 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.15 0.22 0.00 | 14.65 0.30 0.00 | 15.86 0.37 0.00 | 20.18 0.55 0.00 | 20.83 0.57 0.00 | 21.43 0.52 0.00 | 20.41 0.44 0.00 | 20.24 0.22 0.00 | 20.12 0.14 0.00 | 20.15 0.08 0.00 | 20.79 -0.08 0.00 | 21.72 -0.13 0.00 | 23.61 -0.09 0.00 | 26.40 -0.21 0.00 | 32.15 -0.03 0.00 | 31.60 0.16 0.00 | 29.61 0.38 0.00 | 28.40 0.77 0.00 | 25.22 0.69 0.00 | 21.76 0.55 0.00 | 20.36 0.48 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 17.48 0.00 0.00 | 15.76 0.00 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.35 0.00 0.00 | 15.49 0.00 0.00 | 19.63 0.00 0.00 | 20.26 0.00 0.00 | 20.90 0.00 0.00 | 19.97 0.00 0.00 | 20.02 0.00 0.00 | 19.98 0.00 0.00 | 20.07 0.00 0.00 | 20.87 0.00 0.00 | 21.85 0.00 0.00 | 23.70 0.00 0.00 | 26.61 0.00 0.00 | 32.18 0.00 0.00 | 31.44 0.00 0.00 | 29.23 0.00 0.00 | 27.62 0.00 0.00 | 24.53 0.00 0.00 | 21.21 0.00 0.00 | 19.88 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 19.05 1.57 0.00 | 17.00 1.24 0.00 | 15.35 0.96 0.00 | 14.83 0.90 0.00 | 15.28 0.93 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 22.01 1.74 0.00 | 22.70 1.80 0.00 | 21.89 1.92 0.00 | 24.56 1.94 -2.60 | 27.57 2.08 -5.51 | 28.55 2.17 -6.32 | 28.85 2.38 -5.59 | 31.68 2.51 -7.31 | 34.19 2.75 -7.74 | 44.43 3.27 -14.54 | 49.13 3.54 -13.41 | 58.12 3.33 -23.35 | 34.32 3.19 -1.90 | 37.29 2.87 -6.80 | 29.39 2.38 -2.47 | 23.26 2.04 -0.02 | 21.53 1.65 0.00 |
| NYPA_GOWANUS____GT5 24156 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NYPA_GOWANUS____GT6 24157 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.24 0.74 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.79 1.97 -1.97 | 27.29 2.18 -1.41 | 30.45 2.48 -1.36 | 36.44 2.86 -1.39 | 48.29 2.67 -14.18 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.28 1.74 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.29 0.89 -0.01 | 14.80 0.86 -0.01 | 15.22 0.86 -0.01 | 16.31 0.82 0.00 | 20.39 0.76 0.01 | 21.43 1.17 0.01 | 22.15 1.25 0.01 | 21.39 1.38 -0.04 | 21.76 1.48 -0.26 | 26.42 1.56 -4.88 | 26.28 1.61 -4.60 | 23.20 1.75 -0.58 | 24.44 1.92 -0.66 | 26.52 2.11 -0.70 | 30.37 2.40 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.29 0.89 -0.01 | 14.80 0.86 -0.01 | 15.22 0.86 -0.01 | 16.31 0.82 0.00 | 20.39 0.76 0.01 | 21.43 1.17 0.01 | 22.15 1.25 0.01 | 21.39 1.38 -0.04 | 21.76 1.48 -0.26 | 26.42 1.56 -4.88 | 26.28 1.61 -4.60 | 23.20 1.75 -0.58 | 24.44 1.92 -0.66 | 26.52 2.11 -0.70 | 30.37 2.40 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| NYPA_KENT____GT 24152 | 18.51 1.03 0.00 | 16.67 0.91 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.22 1.32 0.00 | 21.76 1.42 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.77 1.94 -1.97 | 27.27 2.16 -1.41 | 30.45 2.48 -1.36 | 36.41 2.83 -1.39 | 42.29 2.61 -8.24 | 31.45 2.22 0.00 | 29.58 1.96 0.00 | 26.25 1.72 0.00 | 22.61 1.40 0.00 | 21.04 1.15 0.00 |
| NYPA_POUCH1____GT 24155 | 18.53 1.05 0.00 | 16.67 0.91 0.00 | 15.21 0.82 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.21 0.71 0.00 | 20.40 0.76 0.00 | 21.40 1.13 0.00 | 22.12 1.21 0.00 | 21.68 1.34 -0.37 | 22.44 1.42 -1.00 | 24.27 1.54 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.37 2.80 -1.39 | 48.20 2.58 -14.18 | 31.40 2.16 0.00 | 29.53 1.90 0.00 | 26.22 1.69 0.00 | 22.63 1.42 0.00 | 21.06 1.17 0.00 |
| NYPA_VERNON____GT2 24162 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.54 0.90 0.00 | 21.54 1.28 0.00 | 22.24 1.34 0.00 | 21.76 1.42 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.77 1.94 -1.97 | 27.27 2.16 -1.41 | 30.42 2.45 -1.36 | 36.37 2.80 -1.39 | 36.32 2.58 -2.31 | 31.43 2.19 0.00 | 29.56 1.93 0.00 | 26.22 1.69 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |

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| NYPA_VERNON____GT3 24163 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.54 0.90 0.00 | 21.54 1.28 0.00 | 22.24 1.34 0.00 | 21.76 1.42 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.77 1.94 -1.97 | 27.27 2.16 -1.41 | 30.42 2.45 -1.36 | 36.37 2.80 -1.39 | 36.32 2.58 -2.31 | 31.43 2.19 0.00 | 29.56 1.93 0.00 | 26.22 1.69 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |
| NYPA____ASTORIA_CC1 323568 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| NYPA____ASTORIA_CC2 323569 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.20 1.30 0.00 | 21.72 1.38 -0.37 | 22.50 1.48 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.22 2.11 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.50 1.88 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| NYPA____HOLTSVILL 23794 | 18.98 1.50 0.00 | 16.92 1.17 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.44 0.95 0.00 | 20.99 1.35 0.00 | 21.85 1.58 0.00 | 22.53 1.63 0.00 | 21.71 1.74 0.00 | 24.38 1.76 -2.60 | 27.39 1.90 -5.51 | 28.39 2.01 -6.32 | 28.64 2.17 -5.59 | 31.44 2.27 -7.31 | 33.93 2.49 -7.74 | 44.14 2.98 -14.54 | 48.97 3.38 -13.41 | 57.97 3.17 -23.35 | 34.00 2.87 -1.90 | 36.99 2.57 -6.80 | 29.12 2.11 -2.47 | 23.05 1.82 -0.02 | 21.37 1.49 0.00 |
| NYPA____HELLGATE_GT1 24158 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.29 0.89 -0.01 | 14.80 0.86 -0.01 | 15.22 0.86 -0.01 | 16.31 0.82 0.00 | 20.39 0.76 0.01 | 21.43 1.17 0.01 | 22.15 1.25 0.01 | 22.03 1.38 -0.69 | 23.23 1.48 -1.73 | 22.15 1.56 -0.61 | 22.33 1.61 -0.65 | 26.70 1.75 -4.07 | 27.04 1.92 -3.26 | 27.90 2.11 -2.09 | 30.37 2.40 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| NYPA____HELLGATE_GT2 24159 | 18.57 1.08 -0.01 | 16.76 0.99 -0.01 | 15.29 0.89 -0.01 | 14.80 0.86 -0.01 | 15.22 0.86 -0.01 | 16.31 0.82 0.00 | 20.39 0.76 0.01 | 21.43 1.17 0.01 | 22.15 1.25 0.01 | 22.03 1.38 -0.69 | 23.23 1.48 -1.73 | 22.15 1.56 -0.61 | 22.33 1.61 -0.65 | 26.70 1.75 -4.07 | 27.04 1.92 -3.26 | 27.90 2.11 -2.09 | 30.37 2.40 -1.35 | 36.23 2.67 -1.38 | 34.18 2.45 -0.28 | 31.37 2.13 0.00 | 29.47 1.85 0.00 | 26.25 1.72 0.00 | 22.59 1.38 0.00 | 21.04 1.15 0.00 |
| NYS_BARGE____HYD 23848 | 17.23 -0.24 0.00 | 15.46 -0.30 0.00 | 14.20 -0.19 0.00 | 13.72 -0.21 0.00 | 14.12 -0.23 0.00 | 15.39 -0.11 0.00 | 19.24 -0.39 0.00 | 19.43 -0.83 0.00 | 20.36 -0.54 0.00 | 19.51 -0.46 0.00 | 19.36 -0.66 0.00 | 19.10 -0.88 0.00 | 18.99 -1.08 0.00 | 19.64 -1.23 0.00 | 20.59 -1.27 0.00 | 22.16 -1.54 0.00 | 25.02 -1.60 0.00 | 30.15 -2.03 0.00 | 29.74 -1.70 0.00 | 27.83 -1.40 0.00 | 26.33 -1.30 0.00 | 23.65 -0.88 0.00 | 20.36 -0.85 0.00 | 19.49 -0.40 0.00 |
| OAK ORCHARD____HYD 24046 | 17.46 -0.02 0.00 | 15.68 -0.08 0.00 | 14.30 -0.09 0.00 | 13.85 -0.08 0.00 | 14.23 -0.12 0.00 | 15.49 0.00 0.00 | 19.52 -0.12 0.00 | 19.94 -0.33 0.00 | 20.76 -0.15 0.00 | 19.85 -0.12 0.00 | 19.76 -0.26 0.00 | 19.58 -0.40 0.00 | 19.51 -0.56 0.00 | 20.25 -0.63 0.00 | 21.22 -0.63 0.00 | 22.92 -0.78 0.00 | 25.84 -0.77 0.00 | 31.25 -0.93 0.00 | 30.69 -0.75 0.00 | 28.62 -0.62 0.00 | 27.18 -0.44 0.00 | 24.26 -0.27 0.00 | 20.89 -0.32 0.00 | 19.80 -0.08 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 17.58 0.10 0.00 | 15.84 0.08 0.00 | 14.46 0.07 0.00 | 14.01 0.08 0.00 | 14.43 0.09 0.00 | 15.62 0.12 0.00 | 19.73 0.10 0.00 | 20.30 0.04 0.00 | 21.05 0.15 0.00 | 20.11 0.14 0.00 | 20.12 0.10 0.00 | 20.02 0.04 0.00 | 20.11 0.04 0.00 | 20.90 0.02 0.00 | 21.92 0.07 0.00 | 23.80 0.09 0.00 | 26.72 0.11 0.00 | 32.31 0.13 0.00 | 31.63 0.19 0.00 | 29.44 0.20 0.00 | 27.79 0.17 0.00 | 24.75 0.22 0.00 | 21.36 0.15 0.00 | 20.10 0.22 0.00 |
| OCC_CHEM____DRP 24175 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.84 -0.55 0.00 | 13.46 -0.47 0.00 | 13.83 -0.52 0.00 | 14.94 -0.56 0.00 | 18.81 -0.82 0.00 | 18.95 -1.32 0.00 | 19.86 -1.05 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.58 -1.40 0.00 | 18.54 -1.53 0.00 | 19.08 -1.80 0.00 | 20.04 -1.81 0.00 | 21.62 -2.09 0.00 | 24.41 -2.21 0.00 | 29.32 -2.86 0.00 | 28.96 -2.48 0.00 | 27.13 -2.10 0.00 | 25.63 -1.99 0.00 | 23.09 -1.45 0.00 | 19.81 -1.40 0.00 | 19.05 -0.84 0.00 |
| OH_GEN_PROXY 24063 | 17.06 -0.42 0.00 | 15.30 -0.46 0.00 | 14.03 -0.36 0.00 | 13.58 -0.35 0.00 | 13.96 -0.39 0.00 | 15.18 -0.31 0.00 | 19.04 -0.59 0.00 | 19.25 -1.01 0.00 | 20.17 -0.73 0.00 | 19.31 -0.66 0.00 | 19.18 -0.84 0.00 | 18.94 -1.04 0.00 | 18.84 -1.22 0.00 | 19.54 -1.34 0.00 | 20.46 -1.40 0.00 | 22.04 -1.66 0.00 | 24.88 -1.73 0.00 | 29.96 -2.22 0.00 | 29.49 -1.95 0.00 | 27.57 -1.67 0.00 | 26.10 -1.52 0.00 | 23.45 -1.08 0.00 | 20.19 -1.02 0.00 | 19.31 -0.58 0.00 |
| OLIN_CORP_DRP 24177 | 17.03 -0.45 0.00 | 15.27 -0.49 0.00 | 14.02 -0.37 0.00 | 13.54 -0.39 0.00 | 13.93 -0.42 0.00 | 15.09 -0.40 0.00 | 19.00 -0.63 0.00 | 19.15 -1.11 0.00 | 20.07 -0.84 0.00 | 19.25 -0.72 0.00 | 19.10 -0.92 0.00 | 18.78 -1.20 0.00 | 18.74 -1.32 0.00 | 19.27 -1.61 0.00 | 20.26 -1.60 0.00 | 21.83 -1.87 0.00 | 24.65 -1.97 0.00 | 29.64 -2.54 0.00 | 29.30 -2.14 0.00 | 27.45 -1.78 0.00 | 25.91 -1.71 0.00 | 23.33 -1.20 0.00 | 20.02 -1.19 0.00 | 19.25 -0.64 0.00 |
| OLIN_CORP_DSASP 323712 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.87 -0.52 0.00 | 13.41 -0.52 0.00 | 13.79 -0.56 0.00 | 15.01 -0.48 0.00 | 18.81 -0.82 0.00 | 18.97 -1.30 0.00 | 19.88 -1.02 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.64 -1.34 0.00 | 18.54 -1.53 0.00 | 19.20 -1.67 0.00 | 20.11 -1.75 0.00 | 21.64 -2.06 0.00 | 24.43 -2.18 0.00 | 29.41 -2.77 0.00 | 28.99 -2.45 0.00 | 27.13 -2.11 0.00 | 25.66 -1.96 0.00 | 23.06 -1.47 0.00 | 19.87 -1.34 0.00 | 19.05 -0.83 0.00 |
| ONEIDA_HERK_LFGE 323681 | 17.76 0.28 0.00 | 16.04 0.28 0.00 | 14.62 0.23 0.00 | 14.14 0.21 0.00 | 14.62 0.27 0.00 | 15.83 0.34 0.00 | 20.12 0.49 0.00 | 20.73 0.47 0.00 | 21.34 0.44 0.00 | 20.37 0.40 0.00 | 20.36 0.34 0.00 | 20.26 0.28 0.00 | 20.33 0.26 0.00 | 20.98 0.10 0.00 | 21.96 0.11 0.00 | 23.87 0.17 0.00 | 26.78 0.16 0.00 | 32.50 0.32 0.00 | 31.85 0.41 0.00 | 29.73 0.50 0.00 | 28.29 0.66 0.00 | 25.12 0.59 0.00 | 21.67 0.47 0.00 | 20.30 0.42 0.00 |
| ONEIDA____115KV_TB4 55905 | 17.79 0.31 0.00 | 16.07 0.32 0.00 | 14.65 0.26 0.00 | 14.18 0.25 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.12 0.49 0.00 | 20.71 0.45 0.00 | 21.34 0.44 0.00 | 20.37 0.40 0.00 | 20.42 0.40 0.00 | 20.34 0.36 0.00 | 20.41 0.34 0.00 | 21.08 0.21 0.00 | 22.12 0.26 0.00 | 24.06 0.36 0.00 | 27.01 0.40 0.00 | 32.76 0.58 0.00 | 32.07 0.63 0.00 | 29.94 0.70 0.00 | 28.37 0.75 0.00 | 25.20 0.66 0.00 | 21.72 0.51 0.00 | 20.36 0.48 0.00 |

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| ONONDAGA_REF_OCCRA 23987 | 17.43 -0.05 0.00 | 15.69 -0.06 0.00 | 14.32 -0.07 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.45 -0.05 0.00 | 19.55 -0.08 0.00 | 20.08 -0.18 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.80 -0.18 0.00 | 19.89 -0.18 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.89 -0.29 0.00 | 31.22 -0.22 0.00 | 29.09 -0.15 0.00 | 27.49 -0.14 0.00 | 24.46 -0.07 0.00 | 21.08 -0.13 0.00 | 19.86 -0.02 0.00 |
| ONONDAGA___COGEN 23986 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| ONTARIO___LFGE 23819 | 17.57 0.09 0.00 | 15.85 0.10 0.00 | 14.45 0.06 0.00 | 14.01 0.08 0.00 | 14.43 0.09 0.00 | 15.63 0.14 0.00 | 19.71 0.08 0.00 | 20.20 -0.06 0.00 | 20.97 0.06 0.00 | 20.03 0.06 0.00 | 20.06 0.04 0.00 | 19.86 -0.12 0.00 | 19.89 -0.18 0.00 | 20.62 -0.25 0.00 | 21.59 -0.26 0.00 | 23.37 -0.33 0.00 | 26.32 -0.29 0.00 | 31.89 -0.29 0.00 | 31.32 -0.13 0.00 | 29.18 -0.06 0.00 | 27.62 0.00 0.00 | 24.61 0.07 0.00 | 21.19 -0.02 0.00 | 20.00 0.12 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 17.41 -0.07 0.00 | 15.63 -0.13 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.54 0.05 0.00 | 19.50 -0.14 0.00 | 19.84 -0.43 0.00 | 20.74 -0.17 0.00 | 19.85 -0.12 0.00 | 19.72 -0.30 0.00 | 19.46 -0.52 0.00 | 19.39 -0.68 0.00 | 20.04 -0.84 0.00 | 20.98 -0.87 0.00 | 22.64 -1.07 0.00 | 25.55 -1.07 0.00 | 30.83 -1.35 0.00 | 30.40 -1.04 0.00 | 28.42 -0.82 0.00 | 26.93 -0.69 0.00 | 24.14 -0.39 0.00 | 20.78 -0.42 0.00 | 19.80 -0.08 0.00 |
| ORANGEVILLE___ESR 323794 | 17.41 -0.07 0.00 | 15.63 -0.13 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.54 0.05 0.00 | 19.50 -0.14 0.00 | 19.84 -0.43 0.00 | 20.74 -0.17 0.00 | 19.85 -0.12 0.00 | 19.72 -0.30 0.00 | 19.46 -0.52 0.00 | 19.39 -0.68 0.00 | 20.04 -0.84 0.00 | 20.98 -0.87 0.00 | 22.64 -1.07 0.00 | 25.55 -1.07 0.00 | 30.83 -1.35 0.00 | 30.40 -1.04 0.00 | 28.42 -0.82 0.00 | 26.93 -0.69 0.00 | 24.14 -0.39 0.00 | 20.78 -0.42 0.00 | 19.80 -0.08 0.00 |
| OSWEGATCHIE___HYD 24044 | 17.71 0.23 0.00 | 15.93 0.17 0.00 | 14.53 0.14 0.00 | 14.05 0.13 0.00 | 14.56 0.22 0.00 | 15.74 0.25 0.00 | 20.02 0.39 0.00 | 20.73 0.47 0.00 | 21.30 0.40 0.00 | 20.31 0.34 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.13 0.06 0.00 | 20.85 -0.02 0.00 | 21.77 -0.09 0.00 | 23.59 -0.12 0.00 | 26.24 -0.37 0.00 | 31.92 -0.26 0.00 | 31.35 -0.09 0.00 | 29.32 0.09 0.00 | 28.12 0.50 0.00 | 25.02 0.49 0.00 | 21.57 0.36 0.00 | 20.16 0.28 0.00 |
| OSWEGO___5 23606 | 17.18 -0.30 0.00 | 15.49 -0.27 0.00 | 14.13 -0.26 0.00 | 13.69 -0.24 0.00 | 14.09 -0.26 0.00 | 15.24 -0.25 0.00 | 19.30 -0.33 0.00 | 19.78 -0.49 0.00 | 20.44 -0.46 0.00 | 19.53 -0.44 0.00 | 19.58 -0.44 0.00 | 19.50 -0.48 0.00 | 19.57 -0.50 0.00 | 20.33 -0.54 0.00 | 21.27 -0.59 0.00 | 23.04 -0.66 0.00 | 25.87 -0.75 0.00 | 31.31 -0.87 0.00 | 30.62 -0.82 0.00 | 28.53 -0.70 0.00 | 26.96 -0.66 0.00 | 23.99 -0.54 0.00 | 20.76 -0.45 0.00 | 19.56 -0.32 0.00 |
| OSWEGO___6 23613 | 17.18 -0.30 0.00 | 15.49 -0.27 0.00 | 14.13 -0.26 0.00 | 13.69 -0.24 0.00 | 14.09 -0.26 0.00 | 15.24 -0.25 0.00 | 19.30 -0.33 0.00 | 19.78 -0.49 0.00 | 20.44 -0.46 0.00 | 19.53 -0.44 0.00 | 19.58 -0.44 0.00 | 19.50 -0.48 0.00 | 19.57 -0.50 0.00 | 20.33 -0.54 0.00 | 21.27 -0.59 0.00 | 23.04 -0.66 0.00 | 25.87 -0.75 0.00 | 31.31 -0.87 0.00 | 30.62 -0.82 0.00 | 28.53 -0.70 0.00 | 26.96 -0.66 0.00 | 23.99 -0.54 0.00 | 20.76 -0.45 0.00 | 19.56 -0.32 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.32 -0.17 0.00 | 19.30 -0.33 0.00 | 19.49 -0.77 0.00 | 20.42 -0.48 0.00 | 19.59 -0.38 0.00 | 19.42 -0.60 0.00 | 19.12 -0.86 0.00 | 19.07 -1.00 0.00 | 19.60 -1.27 0.00 | 20.61 -1.25 0.00 | 22.21 -1.49 0.00 | 25.10 -1.52 0.00 | 30.22 -1.96 0.00 | 29.84 -1.60 0.00 | 27.95 -1.29 0.00 | 26.38 -1.24 0.00 | 23.72 -0.81 0.00 | 20.36 -0.85 0.00 | 19.53 -0.36 0.00 |
| OXBOW___ 24026 | 17.13 -0.35 0.00 | 15.35 -0.41 0.00 | 14.07 -0.32 0.00 | 13.61 -0.32 0.00 | 14.00 -0.34 0.00 | 15.24 -0.25 0.00 | 19.10 -0.53 0.00 | 19.27 -0.99 0.00 | 20.21 -0.69 0.00 | 19.37 -0.60 0.00 | 19.20 -0.82 0.00 | 18.96 -1.02 0.00 | 18.84 -1.22 0.00 | 19.52 -1.36 0.00 | 20.43 -1.42 0.00 | 22.00 -1.71 0.00 | 24.86 -1.76 0.00 | 29.96 -2.22 0.00 | 29.52 -1.92 0.00 | 27.60 -1.64 0.00 | 26.10 -1.52 0.00 | 23.45 -1.08 0.00 | 20.19 -1.02 0.00 | 19.33 -0.56 0.00 |
| OXY_CHEM_DSASP 323612 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.84 -0.55 0.00 | 13.46 -0.47 0.00 | 13.83 -0.52 0.00 | 14.94 -0.56 0.00 | 18.81 -0.82 0.00 | 18.95 -1.32 0.00 | 19.86 -1.05 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.58 -1.40 0.00 | 18.54 -1.53 0.00 | 19.08 -1.80 0.00 | 20.04 -1.81 0.00 | 21.62 -2.09 0.00 | 24.41 -2.21 0.00 | 29.32 -2.86 0.00 | 28.96 -2.48 0.00 | 27.13 -2.10 0.00 | 25.63 -1.99 0.00 | 23.09 -1.45 0.00 | 19.81 -1.40 0.00 | 19.05 -0.84 0.00 |
| OZONE_PARK_ESR 323760 | 18.55 1.07 0.00 | 16.72 0.96 0.00 | 15.25 0.86 0.00 | 14.75 0.82 0.00 | 15.18 0.83 0.00 | 16.38 0.88 0.00 | 20.71 1.08 0.00 | 21.72 1.46 0.00 | 22.43 1.53 0.00 | 21.91 1.56 -0.38 | 22.69 1.64 -1.03 | 24.56 1.74 -2.84 | 24.56 1.77 -2.72 | 25.22 1.94 -2.41 | 25.92 2.03 -2.03 | 27.38 2.23 -1.45 | 30.54 2.53 -1.40 | 36.53 2.93 -1.42 | 34.41 2.67 -0.29 | 31.48 2.25 0.00 | 29.67 2.04 0.00 | 26.30 1.77 0.00 | 22.73 1.53 0.00 | 21.12 1.23 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.84 -0.55 0.00 | 13.46 -0.47 0.00 | 13.83 -0.52 0.00 | 14.94 -0.56 0.00 | 18.81 -0.82 0.00 | 18.95 -1.32 0.00 | 19.86 -1.05 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.58 -1.40 0.00 | 18.54 -1.53 0.00 | 19.08 -1.80 0.00 | 20.04 -1.81 0.00 | 21.62 -2.09 0.00 | 24.41 -2.21 0.00 | 29.32 -2.86 0.00 | 28.96 -2.48 0.00 | 27.13 -2.10 0.00 | 25.63 -1.99 0.00 | 23.09 -1.45 0.00 | 19.81 -1.40 0.00 | 19.05 -0.84 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 16.87 -0.61 0.00 | 15.11 -0.65 0.00 | 13.84 -0.55 0.00 | 13.46 -0.47 0.00 | 13.83 -0.52 0.00 | 14.94 -0.56 0.00 | 18.81 -0.82 0.00 | 18.95 -1.32 0.00 | 19.86 -1.05 0.00 | 19.05 -0.92 0.00 | 18.88 -1.14 0.00 | 18.58 -1.40 0.00 | 18.54 -1.53 0.00 | 19.08 -1.80 0.00 | 20.04 -1.81 0.00 | 21.62 -2.09 0.00 | 24.41 -2.21 0.00 | 29.32 -2.86 0.00 | 28.96 -2.48 0.00 | 27.13 -2.10 0.00 | 25.63 -1.99 0.00 | 23.09 -1.45 0.00 | 19.81 -1.40 0.00 | 19.05 -0.84 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 18.55 1.07 0.00 | 16.72 0.96 0.00 | 15.27 0.88 0.00 | 14.77 0.84 0.00 | 15.20 0.85 -0.01 | 16.30 0.81 0.00 | 20.42 0.79 0.00 | 21.42 1.16 0.00 | 22.12 1.21 0.00 | 21.27 1.30 -0.01 | 21.60 1.40 -0.18 | 21.87 1.50 -0.39 | 22.04 1.53 -0.45 | 22.94 1.67 -0.40 | 24.15 1.77 -0.53 | 26.28 1.94 -0.63 | 30.19 2.21 -1.36 | 36.05 2.48 -1.39 | 34.03 2.30 -0.29 | 31.19 1.96 0.00 | 29.34 1.71 0.00 | 26.08 1.55 0.00 | 22.57 1.36 0.00 | 21.02 1.13 0.00 |

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| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 18.69 1.21 0.00 | 16.92 1.17 0.00 | 15.45 1.06 0.00 | 14.95 1.02 0.00 | 15.39 1.03 -0.01 | 16.50 1.01 0.00 | 20.65 1.02 0.00 | 21.56 1.30 0.00 | 22.28 1.38 0.00 | 21.41 1.44 -0.01 | 21.84 1.64 -0.18 | 22.11 1.74 -0.39 | 22.28 1.77 -0.45 | 23.11 1.84 -0.40 | 24.39 2.01 -0.53 | 26.54 2.20 -0.63 | 30.45 2.48 -1.36 | 36.40 2.83 -1.39 | 34.34 2.61 -0.29 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.37 1.84 0.00 | 22.82 1.61 0.00 | 21.24 1.35 0.00 |
| PATROON__115KV_TB1 80586 | 17.86 0.38 0.00 | 16.13 0.38 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.71 0.36 0.00 | 15.83 0.34 0.00 | 20.08 0.45 0.00 | 20.83 0.57 0.00 | 21.59 0.69 0.00 | 20.59 0.62 0.00 | 20.72 0.70 0.00 | 20.74 0.76 0.00 | 20.71 0.64 0.00 | 21.61 0.73 0.00 | 22.53 0.68 0.00 | 24.39 0.76 0.07 | 27.17 0.85 0.30 | 32.73 0.97 0.41 | 32.08 0.88 0.24 | 30.05 0.82 0.00 | 28.31 0.69 0.00 | 25.12 0.59 0.00 | 21.82 0.62 0.00 | 20.26 0.38 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 17.44 -0.03 0.00 | 15.63 -0.13 0.00 | 14.32 -0.07 0.00 | 13.85 -0.08 0.00 | 14.25 -0.10 0.00 | 15.48 -0.02 0.00 | 19.49 -0.14 0.00 | 19.82 -0.45 0.00 | 20.76 -0.15 0.00 | 19.91 -0.06 0.00 | 19.80 -0.22 0.00 | 19.50 -0.48 0.00 | 19.51 -0.56 0.00 | 20.06 -0.81 0.00 | 21.07 -0.79 0.00 | 22.76 -0.95 0.00 | 25.68 -0.93 0.00 | 30.93 -1.26 0.00 | 30.53 -0.91 0.00 | 28.50 -0.73 0.00 | 26.88 -0.75 0.00 | 24.14 -0.39 0.00 | 20.72 -0.49 0.00 | 19.80 -0.08 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.11 0.72 0.00 | 14.61 0.68 0.00 | 15.01 0.66 0.00 | 16.19 0.70 0.00 | 20.55 0.92 0.00 | 21.50 1.24 0.00 | 22.12 1.21 0.00 | 21.13 1.16 0.00 | 21.28 1.26 0.00 | 21.36 1.38 0.00 | 21.49 1.42 0.00 | 22.48 1.61 0.00 | 23.56 1.70 0.00 | 25.67 1.90 -0.07 | 29.04 2.16 -0.27 | 35.06 2.51 -0.37 | 33.86 2.20 -0.21 | 31.13 1.90 0.00 | 29.31 1.69 0.00 | 25.91 1.37 0.00 | 22.33 1.12 0.00 | 20.72 0.84 0.00 |
| PEEKSKILL____ 23653 | 18.25 0.77 0.00 | 16.47 0.71 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.95 0.60 0.00 | 16.13 0.64 0.00 | 20.44 0.81 0.00 | 21.38 1.11 0.00 | 22.05 1.15 0.00 | 21.13 1.16 0.00 | 21.26 1.24 0.00 | 21.30 1.32 0.00 | 21.45 1.38 0.00 | 22.40 1.52 0.00 | 23.51 1.66 0.00 | 25.63 1.85 -0.07 | 29.02 2.10 -0.30 | 34.98 2.38 -0.42 | 33.85 2.17 -0.24 | 31.08 1.84 0.00 | 29.25 1.63 0.00 | 25.88 1.35 0.00 | 22.31 1.10 0.00 | 20.74 0.85 0.00 |
| PGE MADISON__WINDPWR 24146 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.11 0.72 0.00 | 14.63 0.70 0.00 | 15.16 0.82 0.00 | 16.47 0.98 0.00 | 20.93 1.30 0.00 | 21.56 1.30 0.00 | 22.18 1.28 0.00 | 20.99 1.02 0.00 | 21.02 1.00 0.00 | 20.78 0.80 0.00 | 20.79 0.72 0.00 | 21.42 0.54 0.00 | 22.42 0.57 0.00 | 24.46 0.76 0.00 | 27.55 0.93 0.00 | 33.50 1.32 0.00 | 33.01 1.57 0.00 | 31.05 1.81 0.00 | 29.56 1.93 0.00 | 26.25 1.72 0.00 | 22.54 1.34 0.00 | 21.17 1.29 0.00 |
| PIERCEFIELD__HYD 23852 | 17.60 0.12 0.00 | 15.88 0.13 0.00 | 14.50 0.12 0.00 | 14.03 0.10 0.00 | 14.53 0.19 0.00 | 15.68 0.19 0.00 | 19.95 0.31 0.00 | 20.65 0.39 0.00 | 21.22 0.31 0.00 | 20.29 0.32 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.61 -0.09 0.00 | 26.16 -0.45 0.00 | 31.80 -0.39 0.00 | 31.16 -0.28 0.00 | 29.06 -0.18 0.00 | 27.90 0.28 0.00 | 24.78 0.25 0.00 | 21.40 0.19 0.00 | 19.96 0.08 0.00 |
| PINELAWN_CC_1 323563 | 18.93 1.45 0.00 | 16.89 1.14 0.00 | 15.27 0.88 0.00 | 14.75 0.82 0.00 | 15.19 0.85 0.00 | 16.42 0.93 0.00 | 20.97 1.34 0.00 | 21.90 1.64 0.00 | 22.60 1.69 0.00 | 21.77 1.80 0.00 | 24.44 1.82 -2.60 | 27.43 1.94 -5.51 | 28.39 2.01 -6.32 | 28.70 2.23 -5.59 | 31.53 2.36 -7.31 | 34.02 2.58 -7.74 | 44.21 3.06 -14.54 | 49.10 3.51 -13.41 | 58.12 3.33 -23.35 | 34.09 2.95 -1.90 | 37.10 2.68 -6.80 | 29.24 2.23 -2.47 | 23.14 1.91 -0.02 | 21.43 1.55 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 18.42 0.94 0.00 | 16.59 0.83 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.24 1.34 0.00 | 21.74 1.38 -0.40 | 22.55 1.46 -1.07 | 24.48 1.56 -2.94 | 24.47 1.59 -2.82 | 25.09 1.73 -2.49 | 25.86 1.90 -2.10 | 27.28 2.09 -1.50 | 30.42 2.37 -1.43 | 36.34 2.70 -1.46 | 34.22 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| PJM_GEN_KEystone 24065 | 17.69 0.21 0.00 | 15.95 0.19 0.00 | 14.58 0.19 0.00 | 14.11 0.18 0.00 | 14.52 0.17 0.00 | 15.71 0.22 0.00 | 19.81 0.18 0.00 | 20.51 0.24 0.00 | 21.28 0.38 0.00 | 20.40 0.40 -0.03 | 20.47 0.38 -0.07 | 20.54 0.36 -0.20 | 20.64 0.38 -0.19 | 21.46 0.42 -0.17 | 22.50 0.50 -0.14 | 24.36 0.52 -0.14 | 27.49 0.64 -0.24 | 33.12 0.64 -0.30 | 32.17 0.60 -0.13 | 29.70 0.47 0.00 | 28.01 0.39 0.00 | 24.92 0.39 0.00 | 21.44 0.23 0.00 | 20.16 0.28 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 18.62 1.14 0.00 | 16.65 0.90 0.00 | 15.09 0.70 0.00 | 14.58 0.65 0.00 | 15.01 0.66 0.00 | 16.22 0.73 0.00 | 20.67 1.04 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.47 1.50 0.00 | 24.16 1.54 -2.60 | 27.13 1.64 -5.51 | 28.07 1.69 -6.32 | 28.33 1.86 -5.59 | 31.15 1.99 -7.31 | 33.62 2.18 -7.73 | 43.71 2.56 -14.54 | 48.49 2.90 -13.41 | 57.46 2.67 -23.35 | 33.50 2.37 -1.90 | 36.52 2.10 -6.79 | 28.75 1.74 -2.47 | 22.76 1.53 -0.02 | 21.10 1.21 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 18.35 0.87 0.00 | 16.56 0.80 0.00 | 15.11 0.72 0.00 | 14.64 0.71 0.00 | 15.06 0.72 0.00 | 16.21 0.71 0.00 | 20.54 0.90 0.00 | 21.52 1.26 0.00 | 22.18 1.28 0.00 | 21.67 1.32 -0.38 | 22.47 1.42 -1.03 | 24.34 1.52 -2.84 | 24.36 1.57 -2.72 | 24.97 1.69 -2.41 | 25.74 1.86 -2.03 | 27.21 2.06 -1.45 | 30.35 2.34 -1.40 | 36.24 2.64 -1.42 | 34.15 2.42 -0.29 | 31.31 2.08 0.00 | 29.45 1.82 0.00 | 26.08 1.55 0.00 | 22.44 1.23 0.00 | 20.84 0.95 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 17.83 0.35 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.69 0.34 0.00 | 15.87 0.37 0.00 | 20.18 0.55 0.00 | 20.95 0.69 0.00 | 21.55 0.65 0.00 | 20.63 0.66 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.27 0.20 0.00 | 21.17 0.29 0.00 | 22.10 0.24 0.00 | 23.85 0.14 0.00 | 26.69 0.08 0.00 | 32.57 0.39 0.00 | 31.94 0.50 0.00 | 29.79 0.56 0.00 | 28.29 0.66 0.00 | 24.95 0.42 0.00 | 21.53 0.32 0.00 | 20.04 0.16 0.00 |
| PLEASANTVLY__LBMP 24000 | 18.20 0.72 0.00 | 16.40 0.65 0.00 | 14.99 0.60 0.00 | 14.50 0.57 0.00 | 14.91 0.56 0.00 | 16.10 0.60 0.00 | 20.38 0.75 0.00 | 21.28 1.01 0.00 | 21.93 1.02 0.00 | 20.99 1.02 0.00 | 21.10 1.08 0.00 | 21.18 1.20 0.00 | 21.25 1.18 0.00 | 22.21 1.34 0.00 | 23.23 1.38 0.00 | 25.31 1.52 -0.09 | 28.69 1.73 -0.35 | 34.63 1.96 -0.48 | 33.48 1.76 -0.28 | 30.72 1.49 0.00 | 28.92 1.30 0.00 | 25.66 1.13 0.00 | 22.20 1.00 0.00 | 20.66 0.78 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.19 0.70 0.00 | 20.52 0.88 0.00 | 21.46 1.20 0.00 | 22.14 1.23 0.00 | 21.21 1.24 0.00 | 21.34 1.32 0.00 | 21.40 1.42 0.00 | 21.51 1.44 0.00 | 22.48 1.61 0.00 | 23.54 1.68 0.00 | 25.65 1.87 -0.08 | 29.03 2.10 -0.31 | 35.00 2.38 -0.43 | 33.83 2.14 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.93 1.40 0.00 | 22.42 1.21 0.00 | 20.82 0.93 0.00 |

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| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 18.32 0.84 0.00 | 16.51 0.76 0.00 | 15.09 0.71 0.00 | 14.60 0.67 0.00 | 15.01 0.66 0.00 | 16.19 0.70 0.00 | 20.52 0.88 0.00 | 21.46 1.20 0.00 | 22.14 1.23 0.00 | 21.21 1.24 0.00 | 21.34 1.32 0.00 | 21.40 1.42 0.00 | 21.51 1.44 0.00 | 22.48 1.61 0.00 | 23.54 1.68 0.00 | 25.65 1.87 -0.08 | 29.03 2.10 -0.31 | 35.00 2.38 -0.43 | 33.83 2.14 -0.25 | 31.05 1.81 0.00 | 29.25 1.63 0.00 | 25.93 1.40 0.00 | 22.42 1.21 0.00 | 20.82 0.93 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.02 0.63 0.00 | 14.53 0.60 0.00 | 14.94 0.59 0.00 | 16.16 0.67 0.00 | 20.48 0.84 0.00 | 21.38 1.11 0.00 | 22.01 1.11 0.00 | 21.01 1.04 0.00 | 21.16 1.14 0.00 | 21.24 1.26 0.00 | 21.35 1.28 0.00 | 22.29 1.42 0.00 | 23.32 1.46 0.00 | 25.32 1.64 0.01 | 28.42 1.86 0.06 | 34.29 2.19 0.08 | 33.34 1.95 0.05 | 30.93 1.70 0.00 | 29.09 1.46 0.00 | 25.76 1.23 0.00 | 22.23 1.02 0.00 | 20.66 0.78 0.00 |
| POLETTI____ 23519 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.55 0.92 0.00 | 21.54 1.28 0.00 | 22.22 1.32 0.00 | 21.69 1.34 -0.38 | 22.47 1.42 -1.03 | 24.36 1.54 -2.84 | 24.36 1.57 -2.72 | 24.99 1.71 -2.41 | 25.68 1.79 -2.03 | 27.12 1.97 -1.45 | 30.25 2.24 -1.40 | 36.15 2.54 -1.42 | 34.03 2.30 -0.29 | 31.16 1.93 0.00 | 29.36 1.74 0.00 | 26.03 1.50 0.00 | 22.52 1.31 0.00 | 20.92 1.03 0.00 |
| PORT_JEFF_3 23555 | 19.03 1.56 0.00 | 16.95 1.20 0.00 | 15.31 0.92 0.00 | 14.79 0.86 0.00 | 15.24 0.89 0.00 | 16.49 0.99 0.00 | 21.03 1.39 0.00 | 21.90 1.64 0.00 | 22.59 1.69 0.00 | 21.77 1.80 0.00 | 24.44 1.82 -2.60 | 27.45 1.96 -5.51 | 28.45 2.07 -6.32 | 28.72 2.26 -5.59 | 31.53 2.36 -7.31 | 34.05 2.61 -7.74 | 44.21 3.06 -14.54 | 49.04 3.45 -13.41 | 58.06 3.27 -23.35 | 34.15 3.01 -1.90 | 37.10 2.68 -6.80 | 29.24 2.23 -2.47 | 23.11 1.89 -0.02 | 21.43 1.55 0.00 |
| PORT_JEFF_4 23616 | 19.03 1.56 0.00 | 16.95 1.20 0.00 | 15.31 0.92 0.00 | 14.79 0.86 0.00 | 15.24 0.89 0.00 | 16.49 0.99 0.00 | 21.03 1.39 0.00 | 21.90 1.64 0.00 | 22.59 1.69 0.00 | 21.77 1.80 0.00 | 24.44 1.82 -2.60 | 27.45 1.96 -5.51 | 28.45 2.07 -6.32 | 28.72 2.26 -5.59 | 31.53 2.36 -7.31 | 34.05 2.61 -7.74 | 44.21 3.06 -14.54 | 49.04 3.45 -13.41 | 58.06 3.27 -23.35 | 34.15 3.01 -1.90 | 37.10 2.68 -6.80 | 29.24 2.23 -2.47 | 23.11 1.89 -0.02 | 21.43 1.55 0.00 |
| PORT_JEFF_IC 23713 | 19.07 1.59 0.00 | 16.99 1.23 0.00 | 15.32 0.93 0.00 | 14.81 0.88 0.00 | 15.25 0.90 0.00 | 16.50 1.01 0.00 | 21.06 1.43 0.00 | 21.94 1.68 0.00 | 22.62 1.71 0.00 | 21.80 1.84 0.00 | 24.46 1.84 -2.60 | 27.47 1.98 -5.51 | 28.47 2.09 -6.32 | 28.79 2.32 -5.59 | 31.59 2.43 -7.31 | 34.09 2.65 -7.74 | 44.24 3.09 -14.54 | 49.00 3.41 -13.41 | 58.00 3.21 -23.35 | 34.23 3.10 -1.90 | 37.18 2.76 -6.80 | 29.29 2.28 -2.47 | 23.16 1.93 -0.02 | 21.47 1.59 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 19.05 1.57 0.00 | 17.00 1.24 0.00 | 15.35 0.96 0.00 | 14.83 0.90 0.00 | 15.28 0.93 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 22.01 1.74 0.00 | 22.70 1.80 0.00 | 21.89 1.92 0.00 | 24.56 1.94 -2.60 | 27.57 2.08 -5.51 | 28.55 2.17 -6.32 | 28.85 2.38 -5.59 | 31.68 2.51 -7.31 | 34.19 2.75 -7.74 | 44.43 3.27 -14.54 | 49.13 3.54 -13.41 | 58.12 3.33 -23.35 | 34.32 3.19 -1.90 | 37.29 2.87 -6.80 | 29.39 2.38 -2.47 | 23.26 2.04 -0.02 | 21.53 1.65 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 19.05 1.57 0.00 | 17.00 1.24 0.00 | 15.35 0.96 0.00 | 14.83 0.90 0.00 | 15.28 0.93 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 22.01 1.74 0.00 | 22.70 1.80 0.00 | 21.89 1.92 0.00 | 24.56 1.94 -2.60 | 27.57 2.08 -5.51 | 28.55 2.17 -6.32 | 28.85 2.38 -5.59 | 31.68 2.51 -7.31 | 34.19 2.75 -7.74 | 44.43 3.27 -14.54 | 49.13 3.54 -13.41 | 58.12 3.33 -23.35 | 34.32 3.19 -1.90 | 37.29 2.87 -6.80 | 29.39 2.38 -2.47 | 23.26 2.04 -0.02 | 21.53 1.65 0.00 |
| PPL_SHRM_GT3 24213 | 18.95 1.47 0.00 | 16.95 1.20 0.00 | 15.28 0.89 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.68 1.42 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.25 1.76 -5.51 | 28.25 1.87 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.84 3.05 -23.35 | 33.82 2.69 -1.90 | 36.82 2.40 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| PPL_SHRM_GT4 24214 | 18.95 1.47 0.00 | 16.95 1.20 0.00 | 15.28 0.89 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.68 1.42 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.25 1.76 -5.51 | 28.25 1.87 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.84 3.05 -23.35 | 33.82 2.69 -1.90 | 36.82 2.40 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| PROJECT____ORANGE 1 24174 | 17.37 -0.10 0.00 | 15.66 -0.09 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.25 -0.10 0.00 | 15.42 -0.08 0.00 | 19.51 -0.12 0.00 | 20.02 -0.24 0.00 | 20.72 -0.19 0.00 | 19.79 -0.18 0.00 | 19.84 -0.18 0.00 | 19.76 -0.22 0.00 | 19.85 -0.22 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.37 -0.33 0.00 | 26.24 -0.37 0.00 | 31.76 -0.42 0.00 | 31.09 -0.35 0.00 | 28.97 -0.26 0.00 | 27.37 -0.25 0.00 | 24.36 -0.17 0.00 | 21.02 -0.19 0.00 | 19.82 -0.06 0.00 |
| PROJECT____ORANGE 2 24166 | 17.37 -0.10 0.00 | 15.66 -0.09 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.25 -0.10 0.00 | 15.42 -0.08 0.00 | 19.51 -0.12 0.00 | 20.02 -0.24 0.00 | 20.72 -0.19 0.00 | 19.79 -0.18 0.00 | 19.84 -0.18 0.00 | 19.76 -0.22 0.00 | 19.85 -0.22 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.37 -0.33 0.00 | 26.24 -0.37 0.00 | 31.76 -0.42 0.00 | 31.09 -0.35 0.00 | 28.97 -0.26 0.00 | 27.37 -0.25 0.00 | 24.36 -0.17 0.00 | 21.02 -0.19 0.00 | 19.82 -0.06 0.00 |
| PUCKETT____SOLAR 323809 | 17.78 0.30 0.00 | 16.02 0.27 0.00 | 14.62 0.23 0.00 | 14.17 0.24 0.00 | 14.61 0.26 0.00 | 15.82 0.33 0.00 | 19.99 0.35 0.00 | 20.57 0.30 0.00 | 21.24 0.33 0.00 | 20.21 0.24 0.00 | 20.22 0.20 0.00 | 20.08 0.10 0.00 | 20.15 0.08 0.00 | 20.96 0.08 0.00 | 21.96 0.11 0.00 | 23.85 0.14 0.00 | 26.85 0.24 0.00 | 32.57 0.39 0.00 | 31.97 0.53 0.00 | 29.82 0.58 0.00 | 28.23 0.61 0.00 | 25.12 0.59 0.00 | 21.63 0.42 0.00 | 20.34 0.46 0.00 |
| PYRITES____HYD 24023 | 17.76 0.28 0.00 | 16.04 0.28 0.00 | 14.63 0.24 0.00 | 14.17 0.24 0.00 | 14.71 0.36 0.00 | 15.88 0.39 0.00 | 20.20 0.57 0.00 | 20.89 0.63 0.00 | 21.45 0.54 0.00 | 20.51 0.54 0.00 | 20.54 0.52 0.00 | 20.40 0.42 0.00 | 20.47 0.40 0.00 | 21.15 0.27 0.00 | 22.12 0.26 0.00 | 23.87 0.17 0.00 | 26.53 -0.08 0.00 | 32.25 0.06 0.00 | 31.63 0.19 0.00 | 29.53 0.29 0.00 | 28.26 0.64 0.00 | 25.07 0.54 0.00 | 21.63 0.42 0.00 | 20.16 0.28 0.00 |
| QUAKERRD_115KV_BK1 80622 | 17.01 -0.47 0.00 | 15.30 -0.46 0.00 | 13.96 -0.43 0.00 | 13.51 -0.42 0.00 | 13.90 -0.44 0.00 | 15.09 -0.40 0.00 | 19.06 -0.57 0.00 | 19.47 -0.79 0.00 | 20.26 -0.65 0.00 | 19.39 -0.58 0.00 | 19.36 -0.66 0.00 | 19.16 -0.82 0.00 | 19.17 -0.90 0.00 | 19.79 -1.09 0.00 | 20.78 -1.07 0.00 | 22.49 -1.21 0.00 | 25.34 -1.28 0.00 | 30.60 -1.58 0.00 | 30.09 -1.35 0.00 | 28.09 -1.14 0.00 | 26.60 -1.02 0.00 | 23.72 -0.81 0.00 | 20.38 -0.83 0.00 | 19.33 -0.56 0.00 |

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| QUENSBRY_I15KV_TB8 356137 | 18.90 1.42 0.00 | 16.91 1.15 0.00 | 15.43 1.04 0.00 | 14.95 1.02 0.00 | 15.37 1.02 0.00 | 16.62 1.13 0.00 | 21.16 1.53 0.00 | 22.01 1.74 0.00 | 22.64 1.73 0.00 | 21.55 1.58 0.00 | 21.58 1.56 0.00 | 21.60 1.62 0.00 | 21.49 1.42 0.00 | 22.48 1.61 0.00 | 23.36 1.51 0.00 | 25.31 1.68 0.08 | 28.35 2.05 0.32 | 34.41 2.67 0.44 | 33.92 2.74 0.26 | 31.92 2.69 0.00 | 30.14 2.51 0.00 | 26.67 2.13 0.00 | 23.03 1.82 0.00 | 21.35 1.47 0.00 |
| RAMAPO____LBMP 323565 | 18.16 0.68 0.00 | 16.39 0.63 0.00 | 14.98 0.59 0.00 | 14.49 0.56 0.00 | 14.89 0.55 0.00 | 16.10 0.60 0.00 | 20.36 0.73 0.00 | 21.28 1.01 0.00 | 21.95 1.05 0.00 | 21.03 1.06 0.00 | 21.16 1.14 0.00 | 21.24 1.26 0.00 | 21.37 1.30 0.00 | 22.31 1.44 0.00 | 23.36 1.51 0.00 | 25.46 1.68 -0.07 | 28.79 1.89 -0.28 | 34.73 2.16 -0.39 | 33.55 1.89 -0.23 | 30.81 1.58 0.00 | 29.00 1.38 0.00 | 25.71 1.18 0.00 | 22.23 1.02 0.00 | 20.68 0.80 0.00 |
| RANKINE____ 23646 | 17.44 -0.03 0.00 | 15.65 -0.11 0.00 | 14.33 -0.06 0.00 | 13.86 -0.07 0.00 | 14.26 -0.09 0.00 | 15.48 -0.02 0.00 | 19.49 -0.14 0.00 | 19.74 -0.53 0.00 | 20.67 -0.23 0.00 | 19.83 -0.14 0.00 | 19.70 -0.32 0.00 | 19.38 -0.60 0.00 | 19.37 -0.70 0.00 | 19.91 -0.96 0.00 | 20.91 -0.94 0.00 | 22.57 -1.14 0.00 | 25.50 -1.12 0.00 | 30.70 -1.48 0.00 | 30.31 -1.13 0.00 | 28.36 -0.88 0.00 | 26.74 -0.88 0.00 | 24.04 -0.49 0.00 | 20.64 -0.57 0.00 | 19.76 -0.12 0.00 |
| RAVENSWOOD_GT2_1 24244 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT2_2 24245 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT2_3 24246 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.74 1.40 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT2_4 24247 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.09 0.75 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.74 1.40 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.31 1.61 -2.64 | 24.96 1.75 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.37 2.40 -1.36 | 36.31 2.73 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.53 1.90 0.00 | 26.15 1.62 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT3_1 24248 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT3_2 24249 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT3_3 24250 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.18 0.79 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.28 0.79 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.26 1.36 0.00 | 21.76 1.42 -0.37 | 22.50 1.48 -1.00 | 24.33 1.60 -2.75 | 24.33 1.63 -2.64 | 24.98 1.77 -2.33 | 25.68 1.86 -1.97 | 27.17 2.06 -1.41 | 30.29 2.32 -1.36 | 36.21 2.64 -1.39 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| RAVENSWOOD_GT3_4 24251 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.58 1.32 0.00 | 22.26 1.36 0.00 | 21.76 1.42 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.33 1.62 -2.64 | 24.98 1.77 -2.33 | 25.75 1.92 -1.97 | 27.24 2.13 -1.41 | 30.40 2.42 -1.36 | 36.34 2.77 -1.39 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.56 1.93 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| RAVENSWOOD_GT_1 23729 | 18.48 1.00 0.00 | 16.65 0.90 0.00 | 15.21 0.82 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.54 0.90 0.00 | 21.54 1.28 0.00 | 22.24 1.34 0.00 | 21.76 1.42 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.35 1.65 -2.64 | 25.00 1.80 -2.33 | 25.77 1.94 -1.97 | 27.27 2.16 -1.41 | 30.42 2.45 -1.36 | 36.37 2.80 -1.39 | 36.32 2.58 -2.31 | 31.43 2.19 0.00 | 29.56 1.93 0.00 | 26.22 1.69 0.00 | 22.59 1.38 0.00 | 21.00 1.11 0.00 |
| RAVENSWOOD_GT_10 24258 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.27 2.29 -1.36 | 36.18 2.61 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.05 1.52 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_11 24259 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.13 1.59 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_4 24252 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.24 2.26 -1.36 | 36.18 2.61 -1.39 | 35.62 2.36 -1.82 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.08 1.55 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |

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| RAVENSWOOD_GT_5 24254 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.24 2.26 -1.36 | 36.18 2.61 -1.39 | 35.62 2.36 -1.82 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.08 1.55 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_6 24253 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.24 2.26 -1.36 | 36.18 2.61 -1.39 | 35.62 2.36 -1.82 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.08 1.55 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_7 24255 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.24 2.26 -1.36 | 36.18 2.61 -1.39 | 35.62 2.36 -1.82 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.08 1.55 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.27 0.77 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.96 1.75 -2.33 | 25.66 1.84 -1.97 | 27.12 2.01 -1.41 | 30.27 2.29 -1.36 | 36.18 2.61 -1.39 | 34.09 2.36 -0.29 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.05 1.52 0.00 | 22.54 1.34 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD_GT_9 24257 | 18.41 0.93 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.34 2.37 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.13 1.59 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD___1 23533 | 18.48 1.00 0.00 | 16.64 0.88 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.27 0.77 0.00 | 20.52 0.88 0.00 | 21.52 1.26 0.00 | 22.22 1.32 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.33 1.60 -2.75 | 24.33 1.62 -2.64 | 24.98 1.77 -2.33 | 25.75 1.92 -1.97 | 27.24 2.13 -1.41 | 30.42 2.45 -1.36 | 36.34 2.77 -1.39 | 34.28 2.55 -0.29 | 31.43 2.19 0.00 | 29.53 1.90 0.00 | 26.20 1.67 0.00 | 22.57 1.36 0.00 | 21.00 1.11 0.00 |
| RAVENSWOOD___2 23534 | 18.46 0.98 0.00 | 16.64 0.88 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.52 0.88 0.00 | 21.52 1.26 0.00 | 22.22 1.32 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.31 1.58 -2.75 | 24.33 1.62 -2.64 | 24.98 1.77 -2.33 | 25.75 1.92 -1.97 | 27.24 2.13 -1.41 | 30.40 2.42 -1.36 | 36.34 2.77 -1.39 | 34.28 2.55 -0.29 | 31.40 2.16 0.00 | 29.53 1.90 0.00 | 26.20 1.67 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| RAVENSWOOD___3 23535 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.15 0.76 0.00 | 14.67 0.74 0.00 | 15.08 0.73 0.00 | 16.25 0.76 0.00 | 20.57 0.94 0.00 | 21.56 1.30 0.00 | 22.24 1.34 0.00 | 21.72 1.38 -0.37 | 22.48 1.46 -1.00 | 24.29 1.56 -2.75 | 24.29 1.59 -2.64 | 24.94 1.73 -2.33 | 25.72 1.90 -1.97 | 27.19 2.09 -1.41 | 30.37 2.40 -1.36 | 36.28 2.70 -1.39 | 34.21 2.48 -0.29 | 31.37 2.13 0.00 | 29.50 1.88 0.00 | 26.15 1.62 0.00 | 22.52 1.32 0.00 | 20.94 1.05 0.00 |
| RAVENSWOOD___4 23820 | 18.46 0.98 0.00 | 16.64 0.88 0.00 | 15.19 0.81 0.00 | 14.69 0.77 0.00 | 15.12 0.77 0.00 | 16.25 0.76 0.00 | 20.49 0.86 0.00 | 21.50 1.24 0.00 | 22.22 1.32 0.00 | 21.74 1.40 -0.37 | 22.50 1.48 -1.00 | 24.31 1.58 -2.75 | 24.33 1.62 -2.64 | 24.98 1.77 -2.33 | 25.75 1.92 -1.97 | 27.24 2.13 -1.41 | 30.40 2.42 -1.36 | 36.34 2.77 -1.39 | 32.29 2.55 1.69 | 31.40 2.16 0.00 | 29.53 1.90 0.00 | 26.18 1.64 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| RCPL_TRUST___DRP 24196 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.30 0.81 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.78 1.42 -0.40 | 22.59 1.50 -1.07 | 24.52 1.60 -2.94 | 24.51 1.63 -2.82 | 25.14 1.77 -2.49 | 25.81 1.86 -2.10 | 27.26 2.06 -1.50 | 30.36 2.32 -1.43 | 36.28 2.64 -1.46 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| RED___ROCHESTER 323720 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.40 0.01 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.60 0.11 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.74 -0.24 0.00 | 19.65 -0.42 0.00 | 20.42 -0.46 0.00 | 21.39 -0.46 0.00 | 23.11 -0.59 0.00 | 26.05 -0.56 0.00 | 31.50 -0.68 0.00 | 30.97 -0.47 0.00 | 28.88 -0.35 0.00 | 27.43 -0.19 0.00 | 24.48 -0.05 0.00 | 21.06 -0.15 0.00 | 19.96 0.08 0.00 |
| REGAN___SOLAR 323812 | 19.16 1.68 0.00 | 17.36 1.61 0.00 | 15.81 1.42 0.00 | 15.34 1.41 0.00 | 15.81 1.46 0.00 | 17.15 1.66 0.00 | 21.91 2.28 0.00 | 22.27 2.01 0.00 | 22.85 1.94 0.00 | 21.65 1.68 0.00 | 22.10 2.08 0.00 | 22.00 2.02 0.00 | 22.08 2.01 0.00 | 22.52 1.65 0.00 | 23.58 1.73 0.00 | 25.57 1.92 0.05 | 28.66 2.26 0.21 | 34.74 2.86 0.30 | 34.41 3.14 0.17 | 32.45 3.22 0.00 | 30.72 3.09 0.00 | 27.11 2.58 0.00 | 23.41 2.21 0.00 | 21.73 1.85 0.00 |
| RENSSELAER___COGEN 23796 | 17.78 0.30 0.00 | 16.07 0.32 0.00 | 14.72 0.33 0.00 | 14.25 0.32 0.00 | 14.63 0.29 0.00 | 15.76 0.26 0.00 | 19.99 0.35 0.00 | 20.71 0.45 0.00 | 21.28 0.38 0.00 | 20.29 0.32 0.00 | 20.42 0.40 0.00 | 20.48 0.50 0.00 | 20.59 0.52 0.00 | 21.42 0.54 0.00 | 22.47 0.61 0.00 | 24.32 0.69 0.07 | 27.10 0.77 0.29 | 32.65 0.87 0.40 | 31.99 0.79 0.23 | 29.96 0.73 0.00 | 28.23 0.61 0.00 | 25.02 0.49 0.00 | 21.70 0.49 0.00 | 20.18 0.30 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 19.82 2.34 0.00 | 17.73 1.97 0.00 | 16.13 1.74 0.00 | 15.64 1.71 0.00 | 16.08 1.74 0.00 | 17.46 1.97 0.00 | 22.16 2.53 0.00 | 23.02 2.76 0.00 | 23.68 2.78 0.00 | 22.47 2.50 0.00 | 22.54 2.52 0.00 | 22.54 2.56 0.00 | 22.44 2.37 0.00 | 23.38 2.50 0.00 | 24.39 2.54 0.00 | 26.40 2.77 0.08 | 29.54 3.25 0.32 | 35.95 4.22 0.45 | 35.55 4.37 0.26 | 33.62 4.39 0.00 | 31.74 4.12 0.00 | 28.07 3.53 0.00 | 24.18 2.97 0.00 | 22.33 2.45 0.00 |
| REVERE_CPPR_DRP 24186 | 17.90 0.42 0.00 | 16.17 0.41 0.00 | 14.73 0.35 0.00 | 14.26 0.33 0.00 | 14.76 0.42 0.00 | 15.97 0.48 0.00 | 20.30 0.67 0.00 | 20.91 0.65 0.00 | 21.53 0.63 0.00 | 20.55 0.58 0.00 | 20.58 0.56 0.00 | 20.48 0.50 0.00 | 20.55 0.48 0.00 | 21.17 0.29 0.00 | 22.23 0.37 0.00 | 24.18 0.47 0.00 | 27.17 0.56 0.00 | 32.95 0.77 0.00 | 32.32 0.88 0.00 | 30.17 0.94 0.00 | 28.67 1.05 0.00 | 25.44 0.91 0.00 | 21.93 0.72 0.00 | 20.54 0.66 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| REYNOLDS_115KV_TB3 80639 | 17.90 0.42 0.00 | 16.18 0.43 0.00 | 14.81 0.42 0.00 | 14.33 0.40 0.00 | 14.72 0.37 0.00 | 15.87 0.37 0.00 | 20.12 0.49 0.00 | 20.87 0.61 0.00 | 21.45 0.54 0.00 | 20.45 0.48 0.00 | 20.58 0.56 0.00 | 20.64 0.66 0.00 | 20.73 0.66 0.00 | 21.65 0.77 0.00 | 22.62 0.76 0.00 | 24.45 0.83 0.08 | 27.20 0.93 0.34 | 32.76 1.06 0.48 | 32.11 0.94 0.28 | 30.11 0.88 0.00 | 28.37 0.75 0.00 | 25.20 0.66 0.00 | 21.87 0.66 0.00 | 20.32 0.44 0.00 |
| RIVERBAY____ 323610 | 18.69 1.21 0.00 | 16.92 1.17 0.00 | 15.45 1.06 0.00 | 14.95 1.02 0.00 | 15.39 1.03 -0.01 | 16.50 1.01 0.00 | 20.65 1.02 0.00 | 21.56 1.30 0.00 | 22.28 1.38 0.00 | 21.41 1.44 -0.01 | 21.84 1.64 -0.18 | 22.11 1.74 -0.39 | 22.28 1.77 -0.45 | 23.11 1.84 -0.40 | 24.39 2.01 -0.53 | 26.54 2.20 -0.63 | 30.45 2.48 -1.36 | 36.40 2.83 -1.39 | 34.34 2.61 -0.29 | 31.48 2.25 0.00 | 29.61 1.99 0.00 | 26.37 1.84 0.00 | 22.82 1.61 0.00 | 21.24 1.35 0.00 |
| RIVERSDE_115KV_TB3 55908 | 17.85 0.37 0.00 | 16.13 0.38 0.00 | 14.78 0.39 0.00 | 14.31 0.38 0.00 | 14.69 0.34 0.00 | 15.82 0.33 0.00 | 20.06 0.43 0.00 | 20.81 0.55 0.00 | 21.38 0.48 0.00 | 20.39 0.42 0.00 | 20.52 0.50 0.00 | 20.58 0.60 0.00 | 20.67 0.60 0.00 | 21.58 0.71 0.00 | 22.53 0.68 0.00 | 24.38 0.76 0.08 | 27.15 0.85 0.32 | 32.67 0.93 0.44 | 32.03 0.85 0.26 | 30.02 0.79 0.00 | 28.29 0.66 0.00 | 25.12 0.59 0.00 | 21.82 0.62 0.00 | 20.26 0.38 0.00 |
| ROARING____BROOK_WT_PWR 323790 | 17.34 -0.14 0.00 | 15.61 -0.14 0.00 | 14.26 -0.13 0.00 | 13.80 -0.13 0.00 | 14.23 -0.12 0.00 | 15.35 -0.14 0.00 | 19.47 -0.16 0.00 | 20.14 -0.12 0.00 | 20.78 -0.12 0.00 | 19.83 -0.14 0.00 | 19.84 -0.18 0.00 | 19.74 -0.24 0.00 | 19.77 -0.30 0.00 | 20.54 -0.33 0.00 | 21.48 -0.37 0.00 | 23.30 -0.40 0.00 | 26.14 -0.48 0.00 | 31.70 -0.48 0.00 | 31.00 -0.44 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.17 -0.37 0.00 | 20.89 -0.32 0.00 | 19.60 -0.28 0.00 |
| ROCHESRG_115KV_T4 355643 | 17.37 -0.10 0.00 | 15.60 -0.16 0.00 | 14.23 -0.16 0.00 | 13.79 -0.14 0.00 | 14.18 -0.17 0.00 | 15.38 -0.11 0.00 | 19.42 -0.22 0.00 | 19.82 -0.45 0.00 | 20.63 -0.27 0.00 | 19.75 -0.22 0.00 | 19.66 -0.36 0.00 | 19.46 -0.52 0.00 | 19.43 -0.64 0.00 | 20.08 -0.79 0.00 | 21.11 -0.74 0.00 | 22.80 -0.90 0.00 | 25.71 -0.90 0.00 | 31.02 -1.16 0.00 | 30.53 -0.91 0.00 | 28.50 -0.73 0.00 | 27.02 -0.61 0.00 | 24.17 -0.37 0.00 | 20.74 -0.47 0.00 | 19.70 -0.18 0.00 |
| ROCHESTER_9_IC 23652 | 17.51 0.03 0.00 | 15.71 -0.05 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.26 -0.09 0.00 | 15.49 0.00 0.00 | 19.55 -0.08 0.00 | 20.00 -0.26 0.00 | 20.80 -0.10 0.00 | 19.91 -0.06 0.00 | 19.82 -0.20 0.00 | 19.60 -0.38 0.00 | 19.57 -0.50 0.00 | 20.23 -0.65 0.00 | 21.26 -0.59 0.00 | 22.99 -0.71 0.00 | 25.92 -0.69 0.00 | 31.31 -0.87 0.00 | 30.78 -0.66 0.00 | 28.77 -0.47 0.00 | 27.26 -0.36 0.00 | 24.36 -0.17 0.00 | 20.91 -0.30 0.00 | 19.86 -0.02 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 18.41 0.93 0.00 | 16.59 0.84 0.00 | 15.15 0.76 0.00 | 14.65 0.72 0.00 | 15.06 0.72 0.00 | 16.27 0.77 0.00 | 20.59 0.96 0.00 | 21.54 1.28 0.00 | 22.24 1.34 0.00 | 21.35 1.38 0.00 | 21.46 1.44 0.00 | 21.54 1.56 0.00 | 21.65 1.59 0.00 | 22.63 1.75 0.00 | 23.71 1.86 0.00 | 25.82 2.04 -0.08 | 29.24 2.32 -0.31 | 35.22 2.61 -0.43 | 34.05 2.36 -0.25 | 31.22 1.99 0.00 | 29.42 1.80 0.00 | 26.05 1.52 0.00 | 22.52 1.31 0.00 | 20.92 1.03 0.00 |
| ROME____115KV_TB2 80656 | 17.90 0.42 0.00 | 16.17 0.41 0.00 | 14.73 0.35 0.00 | 14.26 0.33 0.00 | 14.76 0.42 0.00 | 15.97 0.48 0.00 | 20.30 0.67 0.00 | 20.91 0.65 0.00 | 21.53 0.63 0.00 | 20.55 0.58 0.00 | 20.58 0.56 0.00 | 20.48 0.50 0.00 | 20.55 0.48 0.00 | 21.17 0.29 0.00 | 22.23 0.37 0.00 | 24.18 0.47 0.00 | 27.17 0.56 0.00 | 32.95 0.77 0.00 | 32.32 0.88 0.00 | 30.17 0.94 0.00 | 28.67 1.05 0.00 | 25.44 0.91 0.00 | 21.93 0.72 0.00 | 20.54 0.66 0.00 |
| ROSETON____1 23587 | 18.16 0.68 0.00 | 16.37 0.61 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.89 0.55 0.00 | 16.05 0.56 0.00 | 20.36 0.73 0.00 | 21.24 0.97 0.00 | 21.89 0.98 0.00 | 20.95 0.98 0.00 | 21.08 1.06 0.00 | 21.12 1.14 0.00 | 21.25 1.18 0.00 | 22.17 1.29 0.00 | 23.27 1.42 0.00 | 25.34 1.56 -0.07 | 28.68 1.78 -0.28 | 34.60 2.03 -0.39 | 33.49 1.82 -0.23 | 30.81 1.58 0.00 | 29.00 1.38 0.00 | 25.71 1.18 0.00 | 22.18 0.98 0.00 | 20.64 0.76 0.00 |
| ROSETON____2 23588 | 18.16 0.68 0.00 | 16.37 0.61 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.89 0.55 0.00 | 16.05 0.56 0.00 | 20.36 0.73 0.00 | 21.24 0.97 0.00 | 21.89 0.98 0.00 | 20.95 0.98 0.00 | 21.08 1.06 0.00 | 21.12 1.14 0.00 | 21.25 1.18 0.00 | 22.17 1.29 0.00 | 23.27 1.42 0.00 | 25.34 1.56 -0.07 | 28.68 1.78 -0.28 | 34.60 2.03 -0.39 | 33.49 1.82 -0.23 | 30.81 1.58 0.00 | 29.00 1.38 0.00 | 25.71 1.18 0.00 | 22.18 0.98 0.00 | 20.64 0.76 0.00 |
| ROTTSDAM_115KV_TB3 80664 | 18.11 0.63 0.00 | 16.32 0.57 0.00 | 14.91 0.52 0.00 | 14.44 0.52 0.00 | 14.85 0.50 0.00 | 16.02 0.53 0.00 | 20.34 0.71 0.00 | 21.07 0.81 0.00 | 21.72 0.82 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.82 0.84 0.00 | 20.91 0.84 0.00 | 21.79 0.92 0.00 | 22.77 0.92 0.00 | 24.68 1.04 0.06 | 27.53 1.17 0.26 | 33.24 1.42 0.36 | 32.59 1.35 0.21 | 30.52 1.29 0.00 | 28.78 1.16 0.00 | 25.54 1.01 0.00 | 22.10 0.89 0.00 | 20.58 0.70 0.00 |
| RUSSELL____1 23602 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |
| RUSSELL____2 23532 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |
| RUSSELL____3 23549 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |
| RUSSELL____4 23556 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RUSSELL___STATION 23914 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |
| S SALMON___HYD 24043 | 17.41 -0.07 0.00 | 15.66 -0.09 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.28 -0.07 0.00 | 15.46 -0.03 0.00 | 19.59 -0.04 0.00 | 20.14 -0.12 0.00 | 20.78 -0.12 0.00 | 19.81 -0.16 0.00 | 19.80 -0.22 0.00 | 19.72 -0.26 0.00 | 19.79 -0.28 0.00 | 20.50 -0.38 0.00 | 21.42 -0.44 0.00 | 23.25 -0.45 0.00 | 26.05 -0.56 0.00 | 31.60 -0.58 0.00 | 30.97 -0.47 0.00 | 28.94 -0.29 0.00 | 27.46 -0.16 0.00 | 24.48 -0.05 0.00 | 21.17 -0.04 0.00 | 19.92 0.04 0.00 |
| S.PERRY___115KV_TB1 80734 | 17.97 0.49 0.00 | 16.15 0.39 0.00 | 14.72 0.33 0.00 | 14.26 0.33 0.00 | 14.66 0.32 0.00 | 15.97 0.48 0.00 | 20.14 0.51 0.00 | 20.57 0.30 0.00 | 21.30 0.40 0.00 | 20.23 0.26 0.00 | 20.10 0.08 0.00 | 19.84 -0.14 0.00 | 19.73 -0.34 0.00 | 20.29 -0.58 0.00 | 21.33 -0.52 0.00 | 23.09 -0.62 0.00 | 26.06 -0.56 0.00 | 31.60 -0.58 0.00 | 31.38 -0.06 0.00 | 29.58 0.35 0.00 | 28.15 0.52 0.00 | 25.20 0.66 0.00 | 21.59 0.38 0.00 | 20.50 0.62 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.34 -0.15 0.00 | 19.30 -0.33 0.00 | 19.51 -0.75 0.00 | 20.44 -0.46 0.00 | 19.61 -0.36 0.00 | 19.46 -0.56 0.00 | 19.16 -0.82 0.00 | 19.13 -0.94 0.00 | 19.66 -1.21 0.00 | 20.67 -1.18 0.00 | 22.30 -1.40 0.00 | 25.18 -1.44 0.00 | 30.28 -1.90 0.00 | 29.90 -1.54 0.00 | 28.01 -1.23 0.00 | 26.44 -1.19 0.00 | 23.80 -0.74 0.00 | 20.40 -0.81 0.00 | 19.58 -0.30 0.00 |
| SAWYER___23_KV_LOAD 55526 | 17.30 -0.17 0.00 | 15.50 -0.25 0.00 | 14.20 -0.19 0.00 | 13.75 -0.18 0.00 | 14.15 -0.20 0.00 | 15.34 -0.15 0.00 | 19.30 -0.33 0.00 | 19.51 -0.75 0.00 | 20.44 -0.46 0.00 | 19.61 -0.36 0.00 | 19.46 -0.56 0.00 | 19.16 -0.82 0.00 | 19.13 -0.94 0.00 | 19.66 -1.21 0.00 | 20.67 -1.18 0.00 | 22.30 -1.40 0.00 | 25.18 -1.44 0.00 | 30.28 -1.90 0.00 | 29.90 -1.54 0.00 | 28.01 -1.23 0.00 | 26.44 -1.19 0.00 | 23.80 -0.74 0.00 | 20.40 -0.81 0.00 | 19.58 -0.30 0.00 |
| SELKIRK___I 23801 | 17.97 0.49 0.00 | 16.23 0.47 0.00 | 14.85 0.46 0.00 | 14.37 0.45 0.00 | 14.76 0.42 0.00 | 15.91 0.42 0.00 | 20.18 0.55 0.00 | 20.91 0.65 0.00 | 21.49 0.58 0.00 | 20.49 0.52 0.00 | 20.58 0.56 0.00 | 20.60 0.62 0.00 | 20.73 0.66 0.00 | 21.58 0.71 0.00 | 22.62 0.76 0.05 | 24.51 0.85 0.19 | 27.38 0.96 0.26 | 33.01 1.09 0.15 | 32.32 1.04 0.15 | 30.23 0.99 0.00 | 28.51 0.88 0.00 | 25.29 0.76 0.00 | 21.91 0.70 0.00 | 20.42 0.54 0.00 |
| SELKIRK___II 23799 | 17.85 0.37 0.00 | 16.12 0.36 0.00 | 14.75 0.36 0.00 | 14.28 0.35 0.00 | 14.68 0.33 0.00 | 15.80 0.31 0.00 | 20.05 0.41 0.00 | 20.79 0.53 0.00 | 21.36 0.46 0.00 | 20.39 0.42 0.00 | 20.50 0.56 0.00 | 20.54 0.60 0.00 | 20.67 0.63 0.00 | 21.50 0.63 0.00 | 22.55 0.70 0.05 | 24.43 0.78 0.05 | 27.27 0.88 0.22 | 32.87 1.00 0.31 | 32.21 0.94 0.18 | 30.08 0.85 0.00 | 28.34 0.72 0.00 | 25.15 0.61 0.00 | 21.78 0.57 0.00 | 20.28 0.40 0.00 |
| SENECA OSWGO___HYD 24041 | 17.30 -0.17 0.00 | 15.57 -0.19 0.00 | 14.22 -0.17 0.00 | 13.76 -0.17 0.00 | 14.18 -0.17 0.00 | 15.34 -0.15 0.00 | 19.42 -0.22 0.00 | 19.90 -0.36 0.00 | 20.57 -0.34 0.00 | 19.63 -0.34 0.00 | 19.68 -0.34 0.00 | 19.62 -0.36 0.00 | 19.69 -0.38 0.00 | 20.44 -0.44 0.00 | 21.35 -0.50 0.00 | 23.16 -0.54 0.00 | 26.00 -0.61 0.00 | 31.47 -0.71 0.00 | 30.81 -0.63 0.00 | 28.71 -0.53 0.00 | 27.15 -0.47 0.00 | 24.17 -0.37 0.00 | 20.91 -0.30 0.00 | 19.72 -0.16 0.00 |
| SENECA___115KV_TB3 355854 | 17.48 0.00 0.00 | 15.66 -0.09 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.29 -0.06 0.00 | 15.49 0.00 0.00 | 19.51 -0.12 0.00 | 19.78 -0.49 0.00 | 20.69 -0.21 0.00 | 19.87 -0.10 0.00 | 19.72 -0.30 0.00 | 19.42 -0.56 0.00 | 19.39 -0.68 0.00 | 19.94 -0.94 0.00 | 20.96 -0.90 0.00 | 22.61 -1.09 0.00 | 25.52 -1.09 0.00 | 30.73 -1.45 0.00 | 30.34 -1.10 0.00 | 28.39 -0.85 0.00 | 26.79 -0.83 0.00 | 24.09 -0.44 0.00 | 20.68 -0.53 0.00 | 19.80 -0.08 0.00 |
| SENECA___ENERGY 23797 | 17.41 -0.07 0.00 | 15.68 -0.08 0.00 | 14.30 -0.09 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.48 -0.02 0.00 | 19.55 -0.08 0.00 | 20.06 -0.20 0.00 | 20.78 -0.12 0.00 | 19.87 -0.10 0.00 | 19.90 -0.12 0.00 | 19.76 -0.22 0.00 | 19.79 -0.28 0.00 | 20.54 -0.33 0.00 | 21.50 -0.35 0.00 | 23.28 -0.43 0.00 | 26.19 -0.43 0.00 | 31.73 -0.45 0.00 | 31.13 -0.31 0.00 | 29.03 -0.20 0.00 | 27.49 -0.14 0.00 | 24.46 -0.07 0.00 | 21.06 -0.15 0.00 | 19.88 0.00 0.00 |
| SHOEMAKER___GT 23640 | 18.04 0.56 0.00 | 16.25 0.49 0.00 | 14.85 0.46 0.00 | 14.36 0.43 0.00 | 14.78 0.43 0.00 | 15.97 0.48 0.00 | 20.24 0.61 0.00 | 21.11 0.85 0.00 | 21.78 0.88 0.00 | 20.79 0.82 0.00 | 20.88 0.86 0.00 | 20.94 0.96 0.00 | 21.07 1.00 0.00 | 21.98 1.11 0.00 | 23.08 1.22 0.00 | 25.12 1.35 -0.06 | 28.41 1.54 -0.25 | 34.34 1.80 -0.35 | 33.28 1.63 -0.20 | 30.64 1.40 0.00 | 28.87 1.24 0.00 | 25.56 1.03 0.00 | 22.03 0.83 0.00 | 20.52 0.64 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 18.04 0.56 0.00 | 16.25 0.49 0.00 | 14.85 0.46 0.00 | 14.38 0.45 0.00 | 14.79 0.44 0.00 | 15.97 0.48 0.00 | 20.24 0.61 0.00 | 21.11 0.85 0.00 | 21.78 0.88 0.00 | 20.79 0.82 0.00 | 20.90 0.88 0.00 | 20.96 0.98 0.00 | 21.07 1.00 0.00 | 22.00 1.13 0.00 | 23.03 1.18 0.00 | 25.07 1.30 -0.06 | 28.35 1.49 -0.25 | 34.24 1.71 -0.35 | 33.18 1.54 -0.20 | 30.55 1.32 0.00 | 28.76 1.13 0.00 | 25.49 0.96 0.00 | 22.04 0.83 0.00 | 20.52 0.64 0.00 |
| SHOREHAM_IC_1 23715 | 18.95 1.47 0.00 | 16.95 1.20 0.00 | 15.28 0.89 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.68 1.42 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.25 1.76 -5.51 | 28.25 1.87 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.84 3.05 -23.35 | 33.82 2.69 -1.90 | 36.82 2.40 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| SHOREHAM_IC_2 23716 | 18.95 1.47 0.00 | 16.95 1.20 0.00 | 15.28 0.89 0.00 | 14.78 0.85 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.68 1.42 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.25 1.76 -5.51 | 28.25 1.87 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.81 3.22 -13.41 | 57.84 3.05 -23.35 | 33.82 2.69 -1.90 | 36.82 2.40 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| SISSONVILLE___ 23735 | 17.60 0.12 0.00 | 15.88 0.13 0.00 | 14.50 0.12 0.00 | 14.03 0.10 0.00 | 14.53 0.19 0.00 | 15.68 0.19 0.00 | 19.95 0.31 0.00 | 20.65 0.39 0.00 | 21.22 0.31 0.00 | 20.29 0.32 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.61 -0.09 0.00 | 26.16 -0.45 0.00 | 31.80 -0.39 0.00 | 31.16 -0.28 0.00 | 29.06 -0.18 0.00 | 27.90 0.28 0.00 | 24.78 0.25 0.00 | 21.40 0.19 0.00 | 19.96 0.08 0.00 |

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| SITHE_IND_GS1 24169 | 17.09 -0.38 0.00 | 15.40 -0.36 0.00 | 14.06 -0.33 0.00 | 13.61 -0.32 0.00 | 14.02 -0.33 0.00 | 15.15 -0.34 0.00 | 19.18 -0.45 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.66 -0.96 0.00 | 31.05 -1.13 0.00 | 30.37 -1.07 0.00 | 28.27 -0.96 0.00 | 26.74 -0.89 0.00 | 23.77 -0.76 0.00 | 20.61 -0.59 0.00 | 19.45 -0.44 0.00 |
| SITHE_IND_GS2 24170 | 17.09 -0.38 0.00 | 15.40 -0.36 0.00 | 14.06 -0.33 0.00 | 13.61 -0.32 0.00 | 14.02 -0.33 0.00 | 15.15 -0.34 0.00 | 19.18 -0.45 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.66 -0.96 0.00 | 31.05 -1.13 0.00 | 30.37 -1.07 0.00 | 28.27 -0.96 0.00 | 26.74 -0.89 0.00 | 23.77 -0.76 0.00 | 20.61 -0.59 0.00 | 19.45 -0.44 0.00 |
| SITHE_IND_GS3 24171 | 17.09 -0.38 0.00 | 15.40 -0.36 0.00 | 14.06 -0.33 0.00 | 13.61 -0.32 0.00 | 14.02 -0.33 0.00 | 15.15 -0.34 0.00 | 19.18 -0.45 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.66 -0.96 0.00 | 31.05 -1.13 0.00 | 30.37 -1.07 0.00 | 28.27 -0.96 0.00 | 26.74 -0.89 0.00 | 23.77 -0.76 0.00 | 20.61 -0.59 0.00 | 19.45 -0.44 0.00 |
| SITHE_IND_GS4 24172 | 17.09 -0.38 0.00 | 15.40 -0.36 0.00 | 14.06 -0.33 0.00 | 13.61 -0.32 0.00 | 14.02 -0.33 0.00 | 15.15 -0.34 0.00 | 19.18 -0.45 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.19 -0.69 0.00 | 21.09 -0.77 0.00 | 22.85 -0.85 0.00 | 25.66 -0.96 0.00 | 31.05 -1.13 0.00 | 30.37 -1.07 0.00 | 28.27 -0.96 0.00 | 26.74 -0.89 0.00 | 23.77 -0.76 0.00 | 20.61 -0.59 0.00 | 19.45 -0.44 0.00 |
| SITHE___BATAVIA 24024 | 17.99 0.51 0.00 | 16.17 0.41 0.00 | 14.72 0.33 0.00 | 14.22 0.29 0.00 | 14.62 0.27 0.00 | 15.99 0.50 0.00 | 20.14 0.51 0.00 | 20.61 0.34 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.42 0.40 0.00 | 20.20 0.22 0.00 | 20.07 0.00 0.00 | 20.75 -0.12 0.00 | 21.81 -0.04 0.00 | 23.54 -0.16 0.00 | 26.59 -0.03 0.00 | 32.18 0.00 0.00 | 31.66 0.22 0.00 | 29.56 0.32 0.00 | 28.15 0.52 0.00 | 25.10 0.56 0.00 | 21.53 0.32 0.00 | 20.40 0.52 0.00 |
| SITHE___INDEPEND 23800 | 17.09 -0.38 0.00 | 15.39 -0.36 0.00 | 14.06 -0.33 0.00 | 13.61 -0.32 0.00 | 14.02 -0.33 0.00 | 15.15 -0.34 0.00 | 19.18 -0.45 0.00 | 19.64 -0.63 0.00 | 20.30 -0.61 0.00 | 19.39 -0.58 0.00 | 19.42 -0.60 0.00 | 19.36 -0.62 0.00 | 19.43 -0.64 0.00 | 20.16 -0.71 0.00 | 21.13 -0.72 0.00 | 22.92 -0.78 0.00 | 25.74 -0.88 0.00 | 31.15 -1.03 0.00 | 30.47 -0.97 0.00 | 28.36 -0.88 0.00 | 26.82 -0.80 0.00 | 23.85 -0.69 0.00 | 20.59 -0.62 0.00 | 19.45 -0.44 0.00 |
| SITHE___MASSENA 23902 | 17.53 0.05 0.00 | 15.80 0.05 0.00 | 14.43 0.04 0.00 | 13.97 0.04 0.00 | 14.43 0.09 0.00 | 15.57 0.08 0.00 | 19.75 0.12 0.00 | 20.41 0.14 0.00 | 20.99 0.08 0.00 | 20.09 0.12 0.00 | 20.12 0.10 0.00 | 20.02 0.04 0.00 | 20.11 0.04 0.00 | 20.87 0.00 0.00 | 21.83 -0.02 0.00 | 23.66 -0.05 0.00 | 26.40 -0.21 0.00 | 32.02 -0.16 0.00 | 31.35 -0.09 0.00 | 29.20 -0.03 0.00 | 27.71 0.08 0.00 | 24.61 0.07 0.00 | 21.23 0.02 0.00 | 19.84 -0.04 0.00 |
| SITHE___OGDNSBRG 24021 | 17.71 0.23 0.00 | 15.98 0.22 0.00 | 14.59 0.20 0.00 | 14.11 0.18 0.00 | 14.63 0.29 0.00 | 15.79 0.29 0.00 | 20.08 0.45 0.00 | 20.79 0.53 0.00 | 21.36 0.46 0.00 | 20.43 0.46 0.00 | 20.42 0.40 0.00 | 20.30 0.32 0.00 | 20.37 0.30 0.00 | 21.10 0.23 0.00 | 22.05 0.20 0.00 | 23.85 0.14 0.00 | 26.56 -0.05 0.00 | 32.28 0.10 0.00 | 31.63 0.19 0.00 | 29.53 0.29 0.00 | 28.18 0.55 0.00 | 24.97 0.44 0.00 | 21.55 0.34 0.00 | 20.10 0.22 0.00 |
| SITHE___STERLING 23777 | 17.79 0.31 0.00 | 16.07 0.32 0.00 | 14.65 0.26 0.00 | 14.18 0.25 0.00 | 14.65 0.30 0.00 | 15.85 0.36 0.00 | 20.12 0.49 0.00 | 20.71 0.45 0.00 | 21.34 0.44 0.00 | 20.37 0.40 0.00 | 20.42 0.40 0.00 | 20.34 0.36 0.00 | 20.41 0.34 0.00 | 21.08 0.21 0.00 | 22.12 0.26 0.00 | 24.03 0.33 0.00 | 27.01 0.40 0.00 | 32.76 0.58 0.00 | 32.07 0.63 0.00 | 29.93 0.70 0.00 | 28.37 0.75 0.00 | 25.17 0.64 0.00 | 21.72 0.51 0.00 | 20.36 0.48 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 17.81 0.33 0.00 | 16.06 0.30 0.00 | 14.61 0.22 0.00 | 14.17 0.24 0.00 | 14.61 0.26 0.00 | 15.85 0.36 0.00 | 20.06 0.43 0.00 | 20.59 0.32 0.00 | 21.34 0.44 0.00 | 20.39 0.42 0.00 | 20.44 0.42 0.00 | 20.28 0.30 0.00 | 20.33 0.26 0.00 | 20.98 0.10 0.00 | 22.05 0.20 0.00 | 23.87 0.17 0.00 | 26.83 0.21 0.00 | 32.54 0.35 0.00 | 31.88 0.44 0.00 | 29.82 0.58 0.00 | 28.23 0.61 0.00 | 25.10 0.56 0.00 | 21.57 0.36 0.00 | 20.32 0.44 0.00 |
| SOUTH CAIRO___GT 23612 | 18.14 0.66 0.00 | 16.26 0.50 0.00 | 14.98 0.59 0.00 | 14.49 0.56 0.00 | 14.89 0.55 0.00 | 16.13 0.64 0.00 | 20.56 0.92 0.00 | 21.36 1.09 0.00 | 21.89 0.98 0.00 | 20.63 0.66 0.00 | 20.70 0.68 0.00 | 20.78 0.80 0.00 | 20.93 0.86 0.00 | 21.84 0.96 0.00 | 22.86 1.01 0.00 | 24.83 1.16 0.03 | 27.95 1.46 0.13 | 33.80 1.80 0.18 | 33.16 1.82 0.10 | 30.84 1.61 0.00 | 29.03 1.41 0.00 | 25.66 1.13 0.00 | 22.12 0.91 0.00 | 20.54 0.66 0.00 |
| SOUTH HAMPTN___IC 23720 | 19.30 1.82 0.00 | 17.21 1.45 0.00 | 15.51 1.12 0.00 | 14.99 1.06 0.00 | 15.44 1.09 0.00 | 16.70 1.21 0.00 | 21.34 1.71 0.00 | 22.11 1.84 0.00 | 22.78 1.88 0.00 | 21.98 2.02 0.00 | 24.66 2.04 -2.60 | 27.69 2.20 -5.51 | 28.69 2.31 -6.32 | 28.99 2.52 -5.59 | 31.79 2.62 -7.31 | 34.33 2.89 -7.74 | 44.61 3.46 -14.54 | 49.61 4.02 -13.41 | 58.63 3.83 -23.35 | 34.52 3.39 -1.90 | 37.46 3.04 -6.80 | 29.48 2.48 -2.47 | 23.33 2.10 -0.02 | 21.59 1.71 0.00 |
| SOUTHDOW__115KV_TB1 355954 | 17.99 0.51 0.00 | 16.17 0.41 0.00 | 14.81 0.42 0.00 | 14.32 0.39 0.00 | 14.75 0.40 0.00 | 16.08 0.59 0.00 | 20.28 0.65 0.00 | 20.95 0.69 0.00 | 21.91 1.00 0.00 | 21.07 1.10 0.00 | 20.94 0.92 0.00 | 20.58 0.60 0.00 | 20.57 0.50 0.00 | 21.10 0.23 0.00 | 22.05 0.20 0.00 | 23.80 0.09 0.00 | 26.69 0.08 0.00 | 31.89 -0.29 0.00 | 31.63 0.19 0.00 | 29.56 0.32 0.00 | 27.82 0.19 0.00 | 24.97 0.44 0.00 | 21.40 0.19 0.00 | 20.44 0.56 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 19.61 2.13 0.00 | 17.49 1.73 0.00 | 15.74 1.35 0.00 | 15.22 1.30 0.00 | 15.67 1.32 0.00 | 16.97 1.47 0.00 | 21.69 2.06 0.00 | 22.49 2.23 0.00 | 23.22 2.32 0.00 | 22.43 2.46 0.00 | 25.06 2.44 -2.60 | 28.11 2.62 -5.51 | 29.11 2.73 -6.32 | 29.43 2.96 -5.59 | 32.18 3.02 -7.31 | 34.92 3.48 -7.74 | 45.15 3.99 -14.54 | 50.29 4.70 -13.41 | 59.26 4.46 -23.35 | 35.02 3.89 -1.90 | 37.93 3.51 -6.80 | 29.98 2.97 -2.47 | 23.73 2.50 -0.02 | 22.01 2.13 0.00 |
| SOUTHOLD___IC 23719 | 19.61 2.13 0.00 | 17.49 1.73 0.00 | 15.74 1.35 0.00 | 15.22 1.30 0.00 | 15.67 1.32 0.00 | 16.95 1.46 0.00 | 21.69 2.06 0.00 | 22.49 2.23 0.00 | 23.20 2.30 0.00 | 22.42 2.46 0.00 | 25.06 2.44 -2.60 | 28.11 2.62 -5.51 | 29.11 2.73 -6.32 | 29.43 2.96 -5.59 | 32.25 3.08 -7.31 | 34.85 3.41 -7.74 | 45.23 4.07 -14.54 | 50.39 4.80 -13.41 | 59.38 4.59 -23.35 | 35.23 4.09 -1.90 | 38.04 3.62 -6.80 | 30.00 2.99 -2.47 | 23.75 2.52 -0.02 | 22.01 2.13 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SPIERFLS_115KV_TB1 80737 | 18.77 1.29 0.00 | 16.83 1.07 0.00 | 15.35 0.96 0.00 | 14.88 0.95 0.00 | 15.29 0.95 0.00 | 16.55 1.05 0.00 | 21.07 1.43 0.00 | 21.86 1.60 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.50 1.52 0.00 | 21.39 1.32 0.00 | 22.36 1.48 0.00 | 23.21 1.35 0.00 | 25.14 1.52 0.08 | 28.19 1.89 0.31 | 34.22 2.48 0.44 | 33.70 2.52 0.25 | 31.72 2.48 0.00 | 29.94 2.32 0.00 | 26.50 1.96 0.00 | 22.90 1.70 0.00 | 21.24 1.35 0.00 |
| ST LAWRENCE____ 23600 | 17.34 -0.14 0.00 | 15.61 -0.14 0.00 | 14.27 -0.12 0.00 | 13.82 -0.11 0.00 | 14.26 -0.09 0.00 | 15.39 -0.11 0.00 | 19.52 -0.12 0.00 | 20.16 -0.10 0.00 | 20.76 -0.15 0.00 | 19.85 -0.12 0.00 | 19.88 -0.14 0.00 | 19.80 -0.18 0.00 | 19.89 -0.18 0.00 | 20.67 -0.21 0.00 | 21.61 -0.24 0.00 | 23.44 -0.26 0.00 | 26.24 -0.37 0.00 | 31.80 -0.38 0.00 | 31.10 -0.35 0.00 | 28.91 -0.32 0.00 | 27.40 -0.22 0.00 | 24.31 -0.22 0.00 | 21.00 -0.21 0.00 | 19.65 -0.24 0.00 |
| STATE_CA_115KV_115_LB 55624 | 17.86 0.38 0.00 | 16.13 0.38 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.71 0.36 0.00 | 15.83 0.34 0.00 | 20.08 0.45 0.00 | 20.83 0.57 0.00 | 21.59 0.69 0.00 | 20.59 0.62 0.00 | 20.72 0.70 0.00 | 20.74 0.76 0.00 | 20.71 0.64 0.00 | 21.61 0.73 0.00 | 22.53 0.68 0.00 | 24.39 0.76 0.07 | 27.17 0.85 0.30 | 32.73 0.97 0.42 | 32.08 0.88 0.24 | 30.05 0.82 0.00 | 28.31 0.69 0.00 | 25.12 0.59 0.00 | 21.82 0.62 0.00 | 20.26 0.38 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 17.71 0.23 0.00 | 15.85 0.09 0.00 | 14.43 0.04 0.00 | 14.00 0.07 0.00 | 14.42 0.07 0.00 | 15.62 0.12 0.00 | 19.77 0.14 0.00 | 20.41 0.14 0.00 | 21.11 0.21 0.00 | 20.15 0.18 0.00 | 20.10 0.08 0.00 | 20.00 0.02 0.00 | 20.07 0.00 0.00 | 20.87 0.00 0.00 | 21.94 0.09 0.00 | 23.75 0.05 0.00 | 26.69 0.08 0.00 | 32.37 0.19 0.00 | 31.72 0.28 0.00 | 29.56 0.32 0.00 | 27.98 0.36 0.00 | 24.88 0.34 0.00 | 21.44 0.23 0.00 | 20.20 0.32 0.00 |
| STATION 5_MISC_HYD 23604 | 17.51 0.04 0.00 | 15.71 -0.05 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.26 -0.09 0.00 | 15.52 0.03 0.00 | 19.55 -0.08 0.00 | 20.00 -0.26 0.00 | 20.82 -0.08 0.00 | 19.91 -0.06 0.00 | 19.82 -0.20 0.00 | 19.64 -0.34 0.00 | 19.57 -0.50 0.00 | 20.31 -0.56 0.00 | 21.29 -0.57 0.00 | 22.99 -0.71 0.00 | 25.92 -0.69 0.00 | 31.34 -0.84 0.00 | 30.78 -0.66 0.00 | 28.71 -0.53 0.00 | 27.26 -0.36 0.00 | 24.34 -0.20 0.00 | 20.93 -0.28 0.00 | 19.86 -0.02 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 17.50 0.02 0.00 | 15.76 0.00 0.00 | 14.36 -0.03 0.00 | 13.92 -0.01 0.00 | 14.32 -0.03 0.00 | 15.54 0.05 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.88 -0.02 0.00 | 19.97 0.00 0.00 | 19.96 -0.06 0.00 | 19.76 -0.22 0.00 | 19.75 -0.32 0.00 | 20.39 -0.48 0.00 | 21.44 -0.42 0.00 | 23.21 -0.50 0.00 | 26.14 -0.48 0.00 | 31.63 -0.55 0.00 | 31.06 -0.38 0.00 | 29.00 -0.23 0.00 | 27.49 -0.14 0.00 | 24.48 -0.05 0.00 | 21.02 -0.19 0.00 | 19.90 0.02 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 17.37 -0.10 0.00 | 15.61 -0.14 0.00 | 14.23 -0.16 0.00 | 13.78 -0.15 0.00 | 14.18 -0.17 0.00 | 15.38 -0.11 0.00 | 19.44 -0.20 0.00 | 19.88 -0.39 0.00 | 20.69 -0.21 0.00 | 19.79 -0.18 0.00 | 19.74 -0.28 0.00 | 19.54 -0.44 0.00 | 19.49 -0.58 0.00 | 20.14 -0.73 0.00 | 21.18 -0.68 0.00 | 22.90 -0.81 0.00 | 25.82 -0.80 0.00 | 31.18 -1.00 0.00 | 30.62 -0.82 0.00 | 28.62 -0.61 0.00 | 27.13 -0.50 0.00 | 24.21 -0.32 0.00 | 20.78 -0.42 0.00 | 19.72 -0.16 0.00 |
| STA_56____34_KV_BUS2 355983 | 17.37 -0.10 0.00 | 15.61 -0.14 0.00 | 14.23 -0.16 0.00 | 13.78 -0.15 0.00 | 14.18 -0.17 0.00 | 15.38 -0.11 0.00 | 19.44 -0.20 0.00 | 19.88 -0.39 0.00 | 20.69 -0.21 0.00 | 19.79 -0.18 0.00 | 19.74 -0.28 0.00 | 19.54 -0.44 0.00 | 19.49 -0.58 0.00 | 20.14 -0.73 0.00 | 21.18 -0.68 0.00 | 22.90 -0.81 0.00 | 25.82 -0.80 0.00 | 31.18 -1.00 0.00 | 30.62 -0.82 0.00 | 28.62 -0.61 0.00 | 27.13 -0.50 0.00 | 24.21 -0.32 0.00 | 20.78 -0.42 0.00 | 19.72 -0.16 0.00 |
| STA_67____115KV_BK2 355882 | 17.48 0.00 0.00 | 15.68 -0.08 0.00 | 14.30 -0.09 0.00 | 13.85 -0.08 0.00 | 14.25 -0.10 0.00 | 15.46 -0.03 0.00 | 19.51 -0.12 0.00 | 19.94 -0.32 0.00 | 20.76 -0.15 0.00 | 19.87 -0.10 0.00 | 19.78 -0.24 0.00 | 19.56 -0.42 0.00 | 19.53 -0.54 0.00 | 20.19 -0.69 0.00 | 21.22 -0.63 0.00 | 22.94 -0.76 0.00 | 25.87 -0.75 0.00 | 31.22 -0.97 0.00 | 30.72 -0.72 0.00 | 28.68 -0.56 0.00 | 27.21 -0.41 0.00 | 24.31 -0.22 0.00 | 20.85 -0.36 0.00 | 19.82 -0.06 0.00 |
| STA_7____115KV_9TRANS 80674 | 17.60 0.12 0.00 | 15.79 0.03 0.00 | 14.39 0.00 0.00 | 13.93 0.00 0.00 | 14.32 -0.03 0.00 | 15.56 0.06 0.00 | 19.63 0.00 0.00 | 20.10 -0.16 0.00 | 20.92 0.02 0.00 | 20.01 0.04 0.00 | 19.92 -0.10 0.00 | 19.70 -0.28 0.00 | 19.65 -0.42 0.00 | 20.33 -0.54 0.00 | 21.37 -0.48 0.00 | 23.11 -0.59 0.00 | 26.06 -0.56 0.00 | 31.47 -0.71 0.00 | 30.97 -0.47 0.00 | 28.91 -0.32 0.00 | 27.43 -0.19 0.00 | 24.51 -0.02 0.00 | 21.02 -0.19 0.00 | 19.96 0.08 0.00 |
| STA_82____115KV_TB1 80780 | 17.46 -0.02 0.00 | 15.68 -0.08 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.23 -0.11 0.00 | 15.45 -0.05 0.00 | 19.49 -0.14 0.00 | 19.94 -0.32 0.00 | 20.74 -0.17 0.00 | 19.85 -0.12 0.00 | 19.76 -0.26 0.00 | 19.54 -0.44 0.00 | 19.51 -0.56 0.00 | 20.16 -0.71 0.00 | 21.20 -0.66 0.00 | 22.92 -0.78 0.00 | 25.84 -0.77 0.00 | 31.18 -1.00 0.00 | 30.69 -0.75 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.29 -0.25 0.00 | 20.85 -0.36 0.00 | 19.80 -0.08 0.00 |
| STEEL____WIND 323596 | 17.46 -0.02 0.00 | 15.65 -0.11 0.00 | 14.35 -0.04 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.56 0.06 0.00 | 19.50 -0.14 0.00 | 19.76 -0.51 0.00 | 20.69 -0.21 0.00 | 19.85 -0.12 0.00 | 19.70 -0.32 0.00 | 19.44 -0.54 0.00 | 19.37 -0.70 0.00 | 20.06 -0.81 0.00 | 21.02 -0.83 0.00 | 22.64 -1.07 0.00 | 25.58 -1.04 0.00 | 30.83 -1.35 0.00 | 30.37 -1.07 0.00 | 28.38 -0.85 0.00 | 26.82 -0.80 0.00 | 24.07 -0.47 0.00 | 20.72 -0.49 0.00 | 19.78 -0.10 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 17.95 0.47 0.00 | 16.21 0.46 0.00 | 14.85 0.46 0.00 | 14.38 0.45 0.00 | 14.76 0.42 0.00 | 15.91 0.42 0.00 | 20.20 0.57 0.00 | 20.95 0.69 0.00 | 21.51 0.61 0.00 | 20.51 0.54 0.00 | 20.64 0.62 0.00 | 20.68 0.70 0.00 | 20.81 0.74 0.00 | 21.71 0.83 0.00 | 22.71 0.85 0.00 | 24.63 1.00 0.07 | 27.42 1.09 0.29 | 33.06 1.29 0.40 | 32.40 1.19 0.23 | 30.37 1.14 0.00 | 28.62 0.99 0.00 | 25.39 0.86 0.00 | 22.04 0.83 0.00 | 20.44 0.56 0.00 |
| STEBEN_REC_LFGE 323667 | 17.86 0.38 0.00 | 16.06 0.30 0.00 | 14.66 0.27 0.00 | 14.21 0.28 0.00 | 14.63 0.29 0.00 | 15.88 0.39 0.00 | 20.04 0.41 0.00 | 20.53 0.26 0.00 | 21.34 0.44 0.00 | 20.39 0.42 0.00 | 20.32 0.30 0.00 | 20.02 0.04 0.00 | 20.05 -0.02 0.00 | 20.54 -0.33 0.00 | 21.57 -0.28 0.00 | 23.35 -0.36 0.00 | 26.30 -0.32 0.00 | 31.86 -0.32 0.00 | 31.47 0.03 0.00 | 29.50 0.26 0.00 | 27.90 0.28 0.00 | 25.00 0.47 0.00 | 21.44 0.23 0.00 | 20.36 0.48 0.00 |
| STONY____BROOK 24151 | 19.11 1.63 0.00 | 17.00 1.24 0.00 | 15.34 0.95 0.00 | 14.83 0.90 0.00 | 15.27 0.92 0.00 | 16.52 1.02 0.00 | 21.08 1.45 0.00 | 21.99 1.72 0.00 | 22.68 1.78 0.00 | 21.87 1.90 0.00 | 24.50 1.88 -2.60 | 27.53 2.04 -5.51 | 28.53 2.15 -6.32 | 28.85 2.38 -5.59 | 31.68 2.51 -7.31 | 34.19 2.75 -7.74 | 44.37 3.22 -14.54 | 49.19 3.60 -13.41 | 58.19 3.40 -23.35 | 34.35 3.22 -1.90 | 37.29 2.87 -6.80 | 29.39 2.38 -2.47 | 23.24 2.02 -0.02 | 21.53 1.65 0.00 |

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| STURGEON_POOL_HYD 23609 | 18.00 0.52 0.00 | 16.31 0.55 0.00 | 14.92 0.53 0.00 | 14.43 0.50 0.00 | 14.85 0.50 0.00 | 16.04 0.54 0.00 | 20.30 0.67 0.00 | 21.11 0.85 0.00 | 21.76 0.86 0.00 | 20.77 0.80 0.00 | 21.00 0.98 0.00 | 21.10 1.12 0.00 | 21.25 1.18 0.00 | 22.09 1.21 0.00 | 23.14 1.29 0.00 | 25.32 1.59 -0.03 | 28.58 1.84 -0.13 | 34.45 2.09 -0.18 | 33.40 1.85 -0.10 | 30.58 1.34 0.00 | 28.76 1.13 0.00 | 25.49 0.96 0.00 | 22.01 0.81 0.00 | 20.48 0.60 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 18.09 0.61 0.00 | 16.32 0.57 0.00 | 14.92 0.53 0.00 | 14.43 0.50 0.00 | 14.85 0.50 0.00 | 16.05 0.56 0.00 | 20.32 0.69 0.00 | 21.18 0.91 0.00 | 21.84 0.94 0.00 | 20.89 0.92 0.00 | 21.04 1.02 0.00 | 21.12 1.14 0.00 | 21.25 1.18 0.00 | 22.15 1.27 0.00 | 23.19 1.33 0.00 | 25.26 1.49 -0.07 | 28.56 1.68 -0.26 | 34.48 1.93 -0.37 | 33.35 1.70 -0.21 | 30.67 1.43 0.00 | 28.87 1.24 0.00 | 25.59 1.05 0.00 | 22.10 0.89 0.00 | 20.58 0.70 0.00 |
| SWANROAD_115KV_TB1 355699 | 17.04 -0.44 0.00 | 15.27 -0.49 0.00 | 14.03 -0.36 0.00 | 13.55 -0.38 0.00 | 13.93 -0.42 0.00 | 15.11 -0.39 0.00 | 19.00 -0.63 0.00 | 19.17 -1.09 0.00 | 20.09 -0.82 0.00 | 19.27 -0.70 0.00 | 19.10 -0.92 0.00 | 18.80 -1.18 0.00 | 18.74 -1.32 0.00 | 19.29 -1.59 0.00 | 20.26 -1.60 0.00 | 21.85 -1.85 0.00 | 24.67 -1.94 0.00 | 29.67 -2.51 0.00 | 29.30 -2.14 0.00 | 27.48 -1.75 0.00 | 25.94 -1.69 0.00 | 23.36 -1.18 0.00 | 20.04 -1.17 0.00 | 19.25 -0.64 0.00 |
| SYNERGY___BIOGAS 323694 | 17.99 0.51 0.00 | 16.17 0.41 0.00 | 14.72 0.33 0.00 | 14.22 0.29 0.00 | 14.62 0.27 0.00 | 15.99 0.50 0.00 | 20.14 0.51 0.00 | 20.61 0.34 0.00 | 21.45 0.54 0.00 | 20.49 0.52 0.00 | 20.42 0.40 0.00 | 20.20 0.22 0.00 | 20.07 0.00 0.00 | 20.75 -0.12 0.00 | 21.81 -0.04 0.00 | 23.54 -0.16 0.00 | 26.59 -0.03 0.00 | 32.18 0.00 0.00 | 31.66 0.22 0.00 | 29.56 0.32 0.00 | 28.15 0.52 0.00 | 25.10 0.56 0.00 | 21.53 0.32 0.00 | 20.40 0.52 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 17.44 -0.03 0.00 | 15.73 -0.03 0.00 | 14.35 -0.04 0.00 | 13.89 -0.04 0.00 | 14.30 -0.04 0.00 | 15.48 -0.02 0.00 | 19.59 -0.04 0.00 | 20.10 -0.16 0.00 | 20.78 -0.13 0.00 | 19.85 -0.12 0.00 | 19.90 -0.12 0.00 | 19.82 -0.16 0.00 | 19.91 -0.16 0.00 | 20.62 -0.25 0.00 | 21.64 -0.22 0.00 | 23.47 -0.24 0.00 | 26.35 -0.27 0.00 | 31.92 -0.26 0.00 | 31.22 -0.22 0.00 | 29.12 -0.12 0.00 | 27.51 -0.11 0.00 | 24.48 -0.05 0.00 | 21.12 -0.08 0.00 | 19.90 0.02 0.00 |
| SYRACUSE___POWER 24017 | 17.41 -0.07 0.00 | 15.69 -0.06 0.00 | 14.30 -0.09 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.45 -0.05 0.00 | 19.55 -0.08 0.00 | 20.08 -0.18 0.00 | 20.76 -0.15 0.00 | 19.83 -0.14 0.00 | 19.88 -0.14 0.00 | 19.80 -0.18 0.00 | 19.89 -0.18 0.00 | 20.62 -0.25 0.00 | 21.61 -0.24 0.00 | 23.44 -0.26 0.00 | 26.32 -0.29 0.00 | 31.89 -0.29 0.00 | 31.19 -0.25 0.00 | 29.06 -0.18 0.00 | 27.46 -0.17 0.00 | 24.44 -0.10 0.00 | 21.08 -0.13 0.00 | 19.86 -0.02 0.00 |
| TALLMAN___138KV_BK151 55660 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.13 0.64 0.00 | 20.40 0.77 0.00 | 21.34 1.07 0.00 | 22.01 1.11 0.00 | 21.07 1.10 0.00 | 21.22 1.20 0.00 | 21.30 1.32 0.00 | 21.43 1.36 0.00 | 22.38 1.50 0.00 | 23.45 1.60 0.00 | 25.53 1.75 -0.07 | 28.89 2.00 -0.28 | 34.83 2.25 -0.39 | 33.68 2.01 -0.23 | 30.90 1.67 0.00 | 29.09 1.46 0.00 | 25.78 1.25 0.00 | 22.27 1.06 0.00 | 20.70 0.82 0.00 |
| TEALLAVE_115KV_TB7 355573 | 17.37 -0.10 0.00 | 15.65 -0.11 0.00 | 14.27 -0.12 0.00 | 13.83 -0.10 0.00 | 14.23 -0.11 0.00 | 15.40 -0.09 0.00 | 19.49 -0.14 0.00 | 20.02 -0.24 0.00 | 20.69 -0.21 0.00 | 19.77 -0.20 0.00 | 19.82 -0.20 0.00 | 19.74 -0.24 0.00 | 19.83 -0.24 0.00 | 20.54 -0.33 0.00 | 21.53 -0.33 0.00 | 23.35 -0.36 0.00 | 26.22 -0.40 0.00 | 31.76 -0.42 0.00 | 31.06 -0.38 0.00 | 28.94 -0.29 0.00 | 27.35 -0.28 0.00 | 24.34 -0.20 0.00 | 21.00 -0.21 0.00 | 19.80 -0.08 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 17.37 -0.10 0.00 | 15.58 -0.17 0.00 | 14.29 -0.10 0.00 | 13.80 -0.13 0.00 | 14.20 -0.14 0.00 | 15.42 -0.08 0.00 | 19.42 -0.22 0.00 | 19.64 -0.63 0.00 | 20.53 -0.38 0.00 | 19.67 -0.30 0.00 | 19.54 -0.48 0.00 | 19.22 -0.76 0.00 | 19.17 -0.90 0.00 | 19.68 -1.19 0.00 | 20.72 -1.14 0.00 | 22.33 -1.37 0.00 | 25.23 -1.38 0.00 | 30.38 -1.80 0.00 | 29.99 -1.45 0.00 | 28.09 -1.14 0.00 | 26.57 -1.05 0.00 | 23.90 -0.64 0.00 | 20.49 -0.72 0.00 | 19.62 -0.26 0.00 |
| TEMPLE___115KV_TB 2 55572 | 17.37 -0.10 0.00 | 15.66 -0.09 0.00 | 14.29 -0.10 0.00 | 13.83 -0.10 0.00 | 14.25 -0.10 0.00 | 15.42 -0.08 0.00 | 19.51 -0.12 0.00 | 20.02 -0.24 0.00 | 20.72 -0.19 0.00 | 19.79 -0.18 0.00 | 19.84 -0.18 0.00 | 19.76 -0.22 0.00 | 19.85 -0.22 0.00 | 20.56 -0.31 0.00 | 21.55 -0.31 0.00 | 23.37 -0.33 0.00 | 26.24 -0.37 0.00 | 31.76 -0.42 0.00 | 31.09 -0.35 0.00 | 28.97 -0.26 0.00 | 27.37 -0.25 0.00 | 24.36 -0.17 0.00 | 21.02 -0.19 0.00 | 19.82 -0.06 0.00 |
| TIANA___69_KV_BK 1 55817 | 19.19 1.71 0.00 | 17.13 1.37 0.00 | 15.44 1.05 0.00 | 14.93 1.00 0.00 | 15.37 1.02 0.00 | 16.64 1.15 0.00 | 21.24 1.61 0.00 | 21.99 1.72 0.00 | 22.66 1.76 0.00 | 21.85 1.88 0.00 | 24.54 1.92 -2.60 | 27.57 2.08 -5.51 | 28.57 2.19 -6.32 | 28.87 2.40 -5.59 | 31.59 2.43 -7.31 | 34.21 2.77 -7.74 | 44.35 3.19 -14.54 | 49.32 3.73 -13.41 | 58.28 3.49 -23.35 | 34.20 3.07 -1.90 | 37.18 2.76 -6.80 | 29.31 2.31 -2.47 | 23.20 1.97 -0.02 | 21.49 1.61 0.00 |
| TILDEN___115KV_TB1 80814 | 17.41 -0.07 0.00 | 15.69 -0.06 0.00 | 14.30 -0.09 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.45 -0.05 0.00 | 19.55 -0.08 0.00 | 20.08 -0.18 0.00 | 20.76 -0.15 0.00 | 19.83 -0.14 0.00 | 19.88 -0.14 0.00 | 19.80 -0.18 0.00 | 19.89 -0.18 0.00 | 20.62 -0.25 0.00 | 21.61 -0.24 0.00 | 23.44 -0.26 0.00 | 26.32 -0.29 0.00 | 31.89 -0.29 0.00 | 31.19 -0.25 0.00 | 29.06 -0.18 0.00 | 27.46 -0.17 0.00 | 24.44 -0.10 0.00 | 21.08 -0.13 0.00 | 19.86 -0.02 0.00 |
| TRIGEN___CC 323695 | 18.65 1.17 0.00 | 16.69 0.93 0.00 | 15.14 0.75 0.00 | 14.63 0.70 0.00 | 15.05 0.70 0.00 | 16.28 0.79 0.00 | 20.71 1.08 0.00 | 21.66 1.40 0.00 | 22.37 1.46 0.00 | 21.51 1.54 0.00 | 24.22 1.60 -2.60 | 27.19 1.70 -5.51 | 28.09 1.71 -6.32 | 28.37 1.90 -5.59 | 31.13 1.97 -7.31 | 33.64 2.20 -7.73 | 43.63 2.48 -14.54 | 48.45 2.86 -13.41 | 57.37 2.58 -23.35 | 33.35 2.22 -1.90 | 36.43 2.02 -6.79 | 28.75 1.74 -2.47 | 22.78 1.55 -0.02 | 21.14 1.25 0.00 |
| TRINITY__115KV__ 4 BK 55933 | 17.79 0.31 0.00 | 16.09 0.33 0.00 | 14.75 0.36 0.00 | 14.28 0.35 0.00 | 14.65 0.30 0.00 | 15.79 0.29 0.00 | 20.01 0.37 0.00 | 20.75 0.49 0.00 | 21.32 0.42 0.00 | 20.35 0.38 0.00 | 20.48 0.46 0.00 | 20.52 0.54 0.00 | 20.63 0.56 0.00 | 21.52 0.65 0.00 | 22.47 0.61 0.00 | 24.32 0.69 0.07 | 27.09 0.77 0.29 | 32.61 0.84 0.41 | 31.96 0.75 0.24 | 29.94 0.70 0.00 | 28.23 0.61 0.00 | 25.05 0.52 0.00 | 21.76 0.55 0.00 | 20.20 0.32 0.00 |

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| UNION___PROCESSING_DRP 323587 | 17.46 -0.02 0.00 | 15.68 -0.08 0.00 | 14.29 -0.10 0.00 | 13.85 -0.08 0.00 | 14.23 -0.11 0.00 | 15.45 -0.05 0.00 | 19.51 -0.12 0.00 | 19.94 -0.32 0.00 | 20.76 -0.15 0.00 | 19.85 -0.12 0.00 | 19.76 -0.26 0.00 | 19.56 -0.42 0.00 | 19.51 -0.56 0.00 | 20.16 -0.71 0.00 | 21.22 -0.63 0.00 | 22.92 -0.78 0.00 | 25.84 -0.77 0.00 | 31.22 -0.97 0.00 | 30.69 -0.75 0.00 | 28.68 -0.56 0.00 | 27.18 -0.44 0.00 | 24.29 -0.25 0.00 | 20.85 -0.36 0.00 | 19.80 -0.08 0.00 |
| UPPER HUDSON___HYD 24058 | 18.77 1.29 0.00 | 16.83 1.07 0.00 | 15.35 0.96 0.00 | 14.88 0.95 0.00 | 15.29 0.95 0.00 | 16.55 1.05 0.00 | 21.06 1.43 0.00 | 21.86 1.60 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.48 1.50 0.00 | 21.39 1.32 0.00 | 22.31 1.44 0.00 | 23.25 1.40 0.00 | 25.19 1.56 0.08 | 28.24 1.94 0.31 | 34.28 2.54 0.44 | 33.77 2.58 0.25 | 31.78 2.54 0.00 | 30.00 2.38 0.00 | 26.55 2.01 0.00 | 22.88 1.68 0.00 | 21.24 1.35 0.00 |
| UPPER RAQUET___HYD 24056 | 17.60 0.12 0.00 | 15.88 0.13 0.00 | 14.50 0.11 0.00 | 14.03 0.10 0.00 | 14.53 0.19 0.00 | 15.68 0.19 0.00 | 19.95 0.31 0.00 | 20.65 0.38 0.00 | 21.22 0.31 0.00 | 20.29 0.32 0.00 | 20.26 0.24 0.00 | 20.14 0.16 0.00 | 20.21 0.14 0.00 | 20.94 0.06 0.00 | 21.88 0.02 0.00 | 23.63 -0.07 0.00 | 26.16 -0.45 0.00 | 31.76 -0.42 0.00 | 31.16 -0.28 0.00 | 29.06 -0.17 0.00 | 27.90 0.28 0.00 | 24.85 0.32 0.00 | 21.40 0.19 0.00 | 19.96 0.08 0.00 |
| VALLEY44_115KV_TB2 355964 | 17.39 -0.09 0.00 | 15.63 -0.13 0.00 | 14.32 -0.07 0.00 | 13.85 -0.08 0.00 | 14.26 -0.09 0.00 | 15.49 0.00 0.00 | 19.49 -0.14 0.00 | 19.98 -0.28 0.00 | 20.88 -0.02 0.00 | 20.03 0.06 0.00 | 19.90 -0.12 0.00 | 19.62 -0.36 0.00 | 19.69 -0.38 0.00 | 20.29 -0.58 0.00 | 21.31 -0.55 0.00 | 23.06 -0.64 0.00 | 25.95 -0.67 0.00 | 31.25 -0.93 0.00 | 30.75 -0.69 0.00 | 28.65 -0.58 0.00 | 27.02 -0.61 0.00 | 24.26 -0.27 0.00 | 20.83 -0.38 0.00 | 19.88 0.00 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 17.41 -0.07 0.00 | 15.73 -0.03 0.00 | 14.33 -0.06 0.00 | 13.86 -0.07 0.00 | 14.28 -0.07 0.00 | 15.43 -0.06 0.00 | 19.59 -0.04 0.00 | 20.16 -0.10 0.00 | 20.78 -0.13 0.00 | 19.83 -0.14 0.00 | 19.92 -0.10 0.00 | 19.84 -0.14 0.00 | 19.89 -0.18 0.00 | 20.58 -0.29 0.00 | 21.51 -0.35 0.00 | 23.37 -0.33 0.00 | 26.24 -0.37 0.00 | 31.73 -0.45 0.00 | 30.97 -0.47 0.00 | 28.85 -0.38 0.00 | 27.32 -0.30 0.00 | 24.31 -0.22 0.00 | 21.02 -0.19 0.00 | 19.70 -0.18 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 18.04 0.56 0.00 | 16.21 0.46 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.76 0.42 0.00 | 15.94 0.45 0.00 | 20.20 0.57 0.00 | 21.07 0.81 0.00 | 21.72 0.82 0.00 | 20.73 0.76 0.00 | 20.70 0.68 0.00 | 20.68 0.70 0.00 | 20.79 0.72 0.00 | 21.69 0.81 0.00 | 22.73 0.87 0.00 | 24.70 1.00 0.00 | 27.76 1.14 0.00 | 33.50 1.32 0.00 | 32.73 1.29 0.00 | 30.43 1.20 0.00 | 28.76 1.13 0.00 | 25.54 1.01 0.00 | 22.06 0.85 0.00 | 20.64 0.76 0.00 |
| VISCHER___FERRY HYD 24020 | 18.13 0.65 0.00 | 16.36 0.60 0.00 | 14.95 0.56 0.00 | 14.47 0.54 0.00 | 14.88 0.53 0.00 | 16.04 0.54 0.00 | 20.38 0.75 0.00 | 21.11 0.85 0.00 | 21.72 0.81 0.00 | 20.71 0.74 0.00 | 20.80 0.78 0.00 | 20.84 0.86 0.00 | 20.91 0.84 0.00 | 21.81 0.94 0.00 | 22.86 1.01 0.00 | 24.74 1.14 0.10 | 27.48 1.28 0.41 | 33.08 1.48 0.58 | 32.52 1.42 0.33 | 30.58 1.35 0.00 | 28.84 1.21 0.00 | 25.59 1.05 0.00 | 22.12 0.91 0.00 | 20.58 0.70 0.00 |
| V_A_10_SYNC_DSASP 323832 | 17.16 -0.31 0.00 | 15.39 -0.36 0.00 | 14.09 -0.30 0.00 | 13.65 -0.28 0.00 | 14.05 -0.30 0.00 | 15.21 -0.28 0.00 | 19.18 -0.45 0.00 | 19.43 -0.83 0.00 | 20.32 -0.59 0.00 | 19.45 -0.52 0.00 | 19.34 -0.68 0.00 | 19.08 -0.90 0.00 | 19.05 -1.02 0.00 | 19.62 -1.25 0.00 | 20.63 -1.22 0.00 | 22.28 -1.42 0.00 | 25.12 -1.49 0.00 | 30.25 -1.93 0.00 | 29.81 -1.63 0.00 | 27.89 -1.34 0.00 | 26.38 -1.24 0.00 | 23.67 -0.86 0.00 | 20.32 -0.89 0.00 | 19.45 -0.44 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 17.39 -0.09 0.00 | 15.68 -0.08 0.00 | 14.32 -0.07 0.00 | 13.86 -0.07 0.00 | 14.30 -0.04 0.00 | 15.43 -0.06 0.00 | 19.57 -0.06 0.00 | 20.24 -0.02 0.00 | 20.84 -0.06 0.00 | 19.93 -0.04 0.00 | 19.96 -0.06 0.00 | 19.88 -0.10 0.00 | 19.95 -0.12 0.00 | 20.75 -0.12 0.00 | 21.70 -0.15 0.00 | 23.51 -0.19 0.00 | 26.32 -0.29 0.00 | 31.89 -0.29 0.00 | 31.22 -0.22 0.00 | 29.03 -0.20 0.00 | 27.51 -0.11 0.00 | 24.41 -0.12 0.00 | 21.06 -0.15 0.00 | 19.70 -0.18 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 17.83 0.35 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.69 0.34 0.00 | 15.86 0.37 0.00 | 20.18 0.55 0.00 | 20.95 0.69 0.00 | 21.55 0.65 0.00 | 20.63 0.66 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.27 0.20 0.00 | 21.17 0.29 0.00 | 22.10 0.24 0.00 | 23.89 0.19 0.00 | 26.69 0.08 0.00 | 32.57 0.39 0.00 | 31.97 0.53 0.00 | 29.79 0.55 0.00 | 28.29 0.66 0.00 | 25.05 0.52 0.00 | 21.53 0.32 0.00 | 20.04 0.16 0.00 |
| V_E_10_SYNC_DSASP 323830 | 18.42 0.94 0.00 | 16.61 0.85 0.00 | 15.11 0.72 0.00 | 14.63 0.70 0.00 | 15.16 0.82 0.00 | 16.47 0.98 0.00 | 20.93 1.30 0.00 | 21.56 1.30 0.00 | 22.18 1.28 0.00 | 20.99 1.02 0.00 | 21.02 1.00 0.00 | 20.78 0.80 0.00 | 20.79 0.72 0.00 | 21.42 0.54 0.00 | 22.42 0.57 0.00 | 24.46 0.76 0.00 | 27.55 0.93 0.00 | 33.50 1.32 0.00 | 33.01 1.57 0.00 | 31.05 1.81 0.00 | 29.56 1.93 0.00 | 26.25 1.72 0.00 | 22.54 1.34 0.00 | 21.17 1.29 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 18.51 1.03 0.00 | 16.64 0.88 0.00 | 15.18 0.79 0.00 | 14.71 0.78 0.00 | 15.12 0.77 0.00 | 16.33 0.84 0.00 | 20.75 1.12 0.00 | 21.54 1.28 0.00 | 22.16 1.25 0.00 | 21.11 1.14 0.00 | 21.16 1.14 0.00 | 21.18 1.20 0.00 | 21.21 1.14 0.00 | 22.13 1.25 0.00 | 23.17 1.31 0.00 | 25.09 1.47 0.08 | 27.99 1.70 0.33 | 33.81 2.09 0.46 | 33.25 2.07 0.27 | 31.25 2.02 0.00 | 29.47 1.85 0.00 | 26.13 1.59 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| V_F_30_SYNC_DSASP 323786 | 17.86 0.38 0.00 | 16.13 0.38 0.00 | 14.79 0.40 0.00 | 14.32 0.39 0.00 | 14.71 0.36 0.00 | 15.83 0.34 0.00 | 20.08 0.45 0.00 | 20.83 0.57 0.00 | 21.59 0.69 0.00 | 20.59 0.62 0.00 | 20.72 0.70 0.00 | 20.74 0.76 0.00 | 20.71 0.64 0.00 | 21.61 0.73 0.00 | 22.53 0.68 0.00 | 24.39 0.76 0.07 | 27.17 0.85 0.30 | 32.73 0.97 0.41 | 32.08 0.88 0.24 | 30.05 0.82 0.00 | 28.31 0.69 0.00 | 25.12 0.59 0.00 | 21.82 0.62 0.00 | 20.26 0.38 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 17.83 0.35 0.00 | 15.98 0.22 0.00 | 14.63 0.24 0.00 | 14.18 0.25 0.00 | 14.69 0.34 0.00 | 15.86 0.37 0.00 | 20.18 0.55 0.00 | 20.95 0.69 0.00 | 21.55 0.65 0.00 | 20.63 0.66 0.00 | 20.46 0.44 0.00 | 20.26 0.28 0.00 | 20.27 0.20 0.00 | 21.17 0.29 0.00 | 22.10 0.24 0.00 | 23.89 0.19 0.00 | 26.69 0.08 0.00 | 32.57 0.39 0.00 | 31.97 0.53 0.00 | 29.79 0.55 0.00 | 28.29 0.66 0.00 | 25.05 0.52 0.00 | 21.53 0.32 0.00 | 20.04 0.16 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 18.23 0.75 0.00 | 16.45 0.69 0.00 | 15.04 0.65 0.00 | 14.54 0.61 0.00 | 14.96 0.62 0.00 | 16.16 0.67 0.00 | 20.46 0.82 0.00 | 21.40 1.13 0.00 | 22.07 1.17 0.00 | 21.13 1.16 0.00 | 21.28 1.26 0.00 | 21.36 1.38 0.00 | 21.49 1.42 0.00 | 22.44 1.57 0.00 | 23.49 1.64 0.00 | 25.60 1.83 -0.07 | 28.97 2.08 -0.28 | 34.93 2.35 -0.40 | 33.78 2.11 -0.23 | 30.99 1.75 0.00 | 29.17 1.55 0.00 | 25.86 1.32 0.00 | 22.33 1.12 0.00 | 20.76 0.87 0.00 |

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| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 18.44 0.96 0.00 | 16.62 0.87 0.00 | 15.17 0.78 0.00 | 14.68 0.75 0.00 | 15.09 0.75 0.00 | 16.30 0.81 0.00 | 20.61 0.98 0.00 | 21.60 1.34 0.00 | 22.28 1.38 0.00 | 21.78 1.42 -0.40 | 22.59 1.50 -1.07 | 24.52 1.60 -2.94 | 24.51 1.63 -2.82 | 25.14 1.77 -2.49 | 25.81 1.86 -2.10 | 27.26 2.06 -1.50 | 30.36 2.32 -1.43 | 36.28 2.64 -1.46 | 34.12 2.39 -0.29 | 31.25 2.02 0.00 | 29.45 1.82 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.96 1.07 0.00 |
| W50THST__13_KV_LOAD 356117 | 18.49 1.01 0.00 | 16.67 0.91 0.00 | 15.22 0.83 0.00 | 14.72 0.79 0.00 | 15.15 0.80 0.00 | 16.36 0.87 0.00 | 20.71 1.08 0.00 | 21.70 1.44 0.00 | 22.41 1.51 0.00 | 21.88 1.52 -0.40 | 22.69 1.60 -1.07 | 24.62 1.70 -2.94 | 24.61 1.73 -2.82 | 25.24 1.88 -2.49 | 25.92 1.97 -2.10 | 27.36 2.16 -1.50 | 30.50 2.45 -1.43 | 36.44 2.80 -1.46 | 34.25 2.52 -0.29 | 31.40 2.16 0.00 | 29.56 1.93 0.00 | 26.20 1.67 0.00 | 22.65 1.44 0.00 | 21.04 1.15 0.00 |
| WADING RIVER_IC_1 23522 | 18.95 1.47 0.00 | 16.94 1.18 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.66 1.40 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.23 1.74 -5.51 | 28.23 1.85 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.81 3.02 -23.35 | 33.82 2.69 -1.90 | 36.80 2.38 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| WADING RIVER_IC_2 23547 | 18.95 1.47 0.00 | 16.94 1.18 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.66 1.40 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.23 1.74 -5.51 | 28.23 1.85 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.81 3.02 -23.35 | 33.82 2.69 -1.90 | 36.80 2.38 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| WADING RIVER_IC_3 23601 | 18.95 1.47 0.00 | 16.94 1.18 0.00 | 15.28 0.89 0.00 | 14.76 0.84 0.00 | 15.21 0.86 0.00 | 16.45 0.96 0.00 | 21.01 1.37 0.00 | 21.66 1.40 0.00 | 22.28 1.38 0.00 | 21.49 1.52 0.00 | 24.22 1.60 -2.60 | 27.23 1.74 -5.51 | 28.23 1.85 -6.32 | 28.47 2.00 -5.59 | 31.24 2.08 -7.31 | 33.74 2.30 -7.74 | 43.95 2.79 -14.54 | 48.78 3.19 -13.41 | 57.81 3.02 -23.35 | 33.82 2.69 -1.90 | 36.80 2.38 -6.80 | 28.92 1.91 -2.47 | 22.86 1.63 -0.02 | 21.16 1.27 0.00 |
| WALDENNY_12_KV_BK2 80841 | 17.46 -0.02 0.00 | 15.65 -0.11 0.00 | 14.35 -0.04 0.00 | 13.87 -0.06 0.00 | 14.28 -0.07 0.00 | 15.49 0.00 0.00 | 19.51 -0.12 0.00 | 19.76 -0.51 0.00 | 20.67 -0.23 0.00 | 19.85 -0.12 0.00 | 19.72 -0.30 0.00 | 19.40 -0.58 0.00 | 19.37 -0.70 0.00 | 19.91 -0.96 0.00 | 20.94 -0.92 0.00 | 22.59 -1.11 0.00 | 25.50 -1.12 0.00 | 30.70 -1.48 0.00 | 30.31 -1.13 0.00 | 28.36 -0.88 0.00 | 26.77 -0.86 0.00 | 24.07 -0.47 0.00 | 20.64 -0.57 0.00 | 19.78 -0.10 0.00 |
| WALDEN__HYDRO 24148 | 18.14 0.66 0.00 | 16.36 0.60 0.00 | 14.98 0.59 0.00 | 14.49 0.56 0.00 | 14.91 0.56 0.00 | 16.11 0.62 0.00 | 20.42 0.79 0.00 | 21.32 1.05 0.00 | 21.97 1.07 0.00 | 20.97 1.00 0.00 | 21.12 1.10 0.00 | 21.18 1.20 0.00 | 21.31 1.24 0.00 | 22.23 1.36 0.00 | 23.34 1.49 0.00 | 25.42 1.66 -0.06 | 28.79 1.94 -0.23 | 34.76 2.25 -0.33 | 33.70 2.07 -0.19 | 31.05 1.81 0.00 | 29.20 1.57 0.00 | 25.81 1.27 0.00 | 22.18 0.98 0.00 | 20.62 0.74 0.00 |
| WARRENSBURG____ 23737 | 18.77 1.29 0.00 | 16.83 1.07 0.00 | 15.35 0.96 0.00 | 14.88 0.95 0.00 | 15.29 0.95 0.00 | 16.55 1.05 0.00 | 21.06 1.43 0.00 | 21.86 1.60 0.00 | 22.51 1.61 0.00 | 21.43 1.46 0.00 | 21.48 1.46 0.00 | 21.48 1.50 0.00 | 21.39 1.32 0.00 | 22.31 1.44 0.00 | 23.25 1.40 0.00 | 25.19 1.56 0.08 | 28.24 1.94 0.31 | 34.28 2.54 0.44 | 33.77 2.58 0.25 | 31.78 2.54 0.00 | 30.00 2.38 0.00 | 26.55 2.01 0.00 | 22.88 1.68 0.00 | 21.24 1.35 0.00 |
| WATERSIDE____6 8 9 23538 | 18.46 0.98 0.00 | 16.64 0.88 0.00 | 15.19 0.81 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.27 0.77 0.00 | 20.50 0.86 0.00 | 21.52 1.26 0.00 | 22.22 1.32 0.00 | 21.74 1.40 -0.37 | 22.50 1.48 -1.00 | 24.33 1.60 -2.75 | 24.33 1.63 -2.64 | 24.98 1.77 -2.33 | 25.68 1.86 -1.97 | 27.17 2.06 -1.41 | 30.29 2.32 -1.36 | 36.21 2.64 -1.39 | 32.17 2.42 1.69 | 31.25 2.02 0.00 | 29.42 1.80 0.00 | 26.10 1.57 0.00 | 22.57 1.36 0.00 | 20.98 1.09 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 17.44 -0.03 0.00 | 15.76 0.00 0.00 | 14.37 -0.01 0.00 | 13.90 -0.03 0.00 | 14.33 -0.01 0.00 | 15.48 -0.02 0.00 | 19.63 0.00 0.00 | 20.22 -0.04 0.00 | 20.84 -0.06 0.00 | 19.91 -0.06 0.00 | 19.98 -0.04 0.00 | 19.94 -0.04 0.00 | 20.01 -0.06 0.00 | 20.75 -0.13 0.00 | 21.70 -0.15 0.00 | 23.56 -0.14 0.00 | 26.45 -0.16 0.00 | 31.99 -0.19 0.00 | 31.25 -0.19 0.00 | 29.09 -0.15 0.00 | 27.51 -0.11 0.00 | 24.46 -0.07 0.00 | 21.14 -0.06 0.00 | 19.82 -0.06 0.00 |
| WATSON____69_KV_BK 1 55734 | 19.19 1.71 0.00 | 17.11 1.36 0.00 | 15.44 1.05 0.00 | 14.92 0.99 0.00 | 15.37 1.02 0.00 | 16.64 1.15 0.00 | 21.22 1.59 0.00 | 22.13 1.86 0.00 | 22.85 1.94 0.00 | 22.01 2.04 0.00 | 24.70 2.08 -2.60 | 27.73 2.24 -5.51 | 28.71 2.33 -6.32 | 29.02 2.55 -5.59 | 31.77 2.60 -7.31 | 34.38 2.94 -7.74 | 44.51 3.35 -14.54 | 49.39 3.80 -13.41 | 58.38 3.58 -23.35 | 34.38 3.24 -1.90 | 37.43 3.01 -6.80 | 29.53 2.53 -2.47 | 23.41 2.18 -0.02 | 21.67 1.79 0.00 |
| WDELAWARE__HYD 323627 | 17.69 0.21 0.00 | 15.79 0.03 0.00 | 14.46 0.07 0.00 | 13.99 0.06 0.00 | 14.40 0.06 0.00 | 15.59 0.09 0.00 | 19.77 0.14 0.00 | 20.81 0.55 0.00 | 21.45 0.54 0.00 | 20.45 0.48 0.00 | 20.42 0.40 0.00 | 20.50 0.52 0.00 | 20.65 0.58 0.00 | 21.65 0.77 0.00 | 22.75 0.90 0.00 | 24.79 1.04 -0.04 | 28.03 1.25 -0.16 | 33.86 1.45 -0.23 | 32.86 1.29 -0.13 | 30.28 1.05 0.00 | 28.51 0.88 0.00 | 25.20 0.66 0.00 | 21.65 0.45 0.00 | 20.14 0.26 0.00 |
| WEST BABYLON__IC 23714 | 19.09 1.61 0.00 | 17.03 1.28 0.00 | 15.40 1.01 0.00 | 14.88 0.95 0.00 | 15.31 0.96 0.00 | 16.58 1.08 0.00 | 21.14 1.51 0.00 | 22.07 1.80 0.00 | 22.78 1.88 0.00 | 21.95 1.98 0.00 | 24.62 2.00 -2.60 | 27.65 2.16 -5.51 | 28.61 2.23 -6.32 | 28.91 2.44 -5.59 | 31.68 2.51 -7.31 | 34.26 2.82 -7.74 | 44.38 3.22 -14.54 | 49.26 3.67 -13.41 | 58.25 3.46 -23.35 | 34.23 3.10 -1.90 | 37.26 2.85 -6.80 | 29.41 2.40 -2.47 | 23.33 2.10 -0.02 | 21.61 1.73 0.00 |
| WEST CANADA__HYD 24049 | 17.50 0.02 0.00 | 15.77 0.02 0.00 | 14.40 0.01 0.00 | 13.94 0.01 0.00 | 14.36 0.01 0.00 | 15.51 0.02 0.00 | 19.65 0.02 0.00 | 20.28 0.02 0.00 | 20.92 0.02 0.00 | 19.99 0.02 0.00 | 20.04 0.02 0.00 | 20.00 0.02 0.00 | 20.09 0.02 0.00 | 20.90 0.02 0.00 | 21.88 0.02 0.00 | 23.73 0.02 0.00 | 26.67 0.05 0.00 | 32.21 0.03 0.00 | 31.47 0.03 0.00 | 29.26 0.03 0.00 | 27.65 0.03 0.00 | 24.56 0.02 0.00 | 21.23 0.02 0.00 | 19.90 0.02 0.00 |
| WESTERN_NY_WIND 24143 | 17.50 0.02 0.00 | 15.69 -0.06 0.00 | 14.40 0.01 0.00 | 13.92 -0.01 0.00 | 14.32 -0.03 0.00 | 15.62 0.12 0.00 | 19.53 -0.10 0.00 | 19.84 -0.43 0.00 | 20.74 -0.17 0.00 | 19.83 -0.14 0.00 | 19.68 -0.34 0.00 | 19.38 -0.60 0.00 | 19.23 -0.84 0.00 | 19.89 -0.98 0.00 | 20.87 -0.98 0.00 | 22.47 -1.23 0.00 | 25.36 -1.25 0.00 | 30.61 -1.58 0.00 | 30.25 -1.19 0.00 | 28.30 -0.94 0.00 | 26.85 -0.77 0.00 | 24.07 -0.47 0.00 | 20.70 -0.51 0.00 | 19.76 -0.12 0.00 |

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| WESTOVER___LESR 323668 | 17.64 0.16 0.00 | 15.90 0.14 0.00 | 14.52 0.13 0.00 | 14.05 0.13 0.00 | 14.48 0.13 0.00 | 15.66 0.17 0.00 | 19.79 0.16 0.00 | 20.39 0.12 0.00 | 21.11 0.21 0.00 | 20.17 0.20 0.00 | 20.20 0.18 0.00 | 20.08 0.10 0.00 | 20.17 0.10 0.00 | 20.96 0.08 0.00 | 21.96 0.11 0.00 | 23.82 0.12 0.00 | 26.77 0.16 0.00 | 32.37 0.19 0.00 | 31.69 0.25 0.00 | 29.50 0.26 0.00 | 27.84 0.22 0.00 | 24.83 0.29 0.00 | 21.40 0.19 0.00 | 20.16 0.28 0.00 |
| WETHRSFD_WT_PWR 323626 | 17.41 -0.07 0.00 | 15.63 -0.13 0.00 | 14.33 -0.06 0.00 | 13.87 -0.06 0.00 | 14.29 -0.06 0.00 | 15.54 0.05 0.00 | 19.52 -0.12 0.00 | 19.86 -0.41 0.00 | 20.76 -0.15 0.00 | 19.87 -0.10 0.00 | 19.72 -0.30 0.00 | 19.48 -0.50 0.00 | 19.41 -0.66 0.00 | 20.06 -0.81 0.00 | 21.00 -0.85 0.00 | 22.66 -1.04 0.00 | 25.58 -1.04 0.00 | 30.86 -1.32 0.00 | 30.43 -1.01 0.00 | 28.45 -0.79 0.00 | 26.96 -0.66 0.00 | 24.17 -0.37 0.00 | 20.80 -0.40 0.00 | 19.82 -0.06 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.11 0.62 0.00 | 20.40 0.77 0.00 | 21.32 1.05 0.00 | 21.99 1.09 0.00 | 21.07 1.10 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.43 1.57 0.00 | 25.50 1.73 -0.07 | 28.87 1.97 -0.28 | 34.80 2.22 -0.40 | 33.65 1.98 -0.23 | 30.87 1.64 0.00 | 29.06 1.44 0.00 | 25.76 1.23 0.00 | 22.27 1.06 0.00 | 20.70 0.82 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 18.20 0.72 0.00 | 16.42 0.66 0.00 | 15.01 0.62 0.00 | 14.51 0.59 0.00 | 14.92 0.57 0.00 | 16.11 0.62 0.00 | 20.40 0.77 0.00 | 21.32 1.05 0.00 | 21.99 1.09 0.00 | 21.07 1.10 0.00 | 21.20 1.18 0.00 | 21.28 1.30 0.00 | 21.41 1.34 0.00 | 22.36 1.48 0.00 | 23.43 1.57 0.00 | 25.50 1.73 -0.07 | 28.87 1.97 -0.28 | 34.80 2.22 -0.40 | 33.65 1.98 -0.23 | 30.87 1.64 0.00 | 29.06 1.44 0.00 | 25.76 1.23 0.00 | 22.27 1.06 0.00 | 20.70 0.82 0.00 |
| WHITEHAL_115KV_TB1 80871 | 19.21 1.73 0.00 | 17.14 1.39 0.00 | 15.63 1.24 0.00 | 15.14 1.21 0.00 | 15.58 1.23 0.00 | 16.87 1.38 0.00 | 21.48 1.85 0.00 | 22.37 2.11 0.00 | 23.01 2.11 0.00 | 21.87 1.90 0.00 | 21.86 1.84 0.00 | 21.86 1.88 0.00 | 21.78 1.71 0.00 | 22.79 1.92 0.00 | 23.69 1.84 0.00 | 25.66 2.04 0.08 | 28.74 2.45 0.32 | 34.92 3.19 0.45 | 34.48 3.30 0.26 | 32.51 3.27 0.00 | 30.69 3.07 0.00 | 27.16 2.63 0.00 | 23.43 2.23 0.00 | 21.69 1.81 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 18.41 0.93 0.00 | 16.64 0.88 0.00 | 15.19 0.81 0.00 | 14.70 0.77 0.00 | 15.12 0.77 0.00 | 16.30 0.81 0.00 | 20.67 1.04 0.00 | 21.56 1.30 0.00 | 22.26 1.36 0.00 | 21.35 1.38 0.00 | 21.54 1.52 0.00 | 21.60 1.62 0.00 | 21.76 1.69 0.00 | 22.63 1.75 0.00 | 23.69 1.84 0.00 | 25.82 2.04 -0.08 | 29.24 2.32 -0.31 | 35.22 2.61 -0.43 | 34.01 2.33 -0.25 | 31.22 1.99 0.00 | 29.39 1.77 0.00 | 26.05 1.52 0.00 | 22.52 1.31 0.00 | 20.92 1.03 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 19.04 1.56 0.00 | 16.99 1.23 0.00 | 15.32 0.94 0.00 | 14.82 0.89 0.00 | 15.25 0.90 0.00 | 16.52 1.02 0.00 | 21.07 1.43 0.00 | 21.84 1.58 0.00 | 22.51 1.61 0.00 | 21.69 1.72 0.00 | 24.38 1.76 -2.60 | 27.41 1.92 -5.51 | 28.41 2.03 -6.32 | 28.68 2.21 -5.59 | 31.37 2.21 -7.31 | 33.98 2.54 -7.74 | 44.06 2.90 -14.54 | 48.97 3.38 -13.41 | 57.94 3.14 -23.35 | 33.91 2.78 -1.90 | 36.93 2.51 -6.80 | 29.09 2.09 -2.47 | 23.05 1.82 -0.02 | 21.35 1.47 0.00 |
| WOODARD__115KV_TB2 355635 | 17.34 -0.14 0.00 | 15.63 -0.13 0.00 | 14.26 -0.13 0.00 | 13.80 -0.13 0.00 | 14.22 -0.13 0.00 | 15.38 -0.11 0.00 | 19.48 -0.16 0.00 | 19.98 -0.28 0.00 | 20.65 -0.25 0.00 | 19.73 -0.24 0.00 | 19.78 -0.24 0.00 | 19.70 -0.28 0.00 | 19.79 -0.28 0.00 | 20.52 -0.35 0.00 | 21.51 -0.35 0.00 | 23.32 -0.38 0.00 | 26.19 -0.43 0.00 | 31.70 -0.48 0.00 | 31.00 -0.44 0.00 | 28.88 -0.35 0.00 | 27.32 -0.30 0.00 | 24.29 -0.25 0.00 | 20.97 -0.23 0.00 | 19.76 -0.12 0.00 |
| YORK___WARBASSE 23770 | 18.53 1.05 0.00 | 16.69 0.93 0.00 | 15.22 0.83 0.00 | 14.71 0.78 0.00 | 15.14 0.79 0.00 | 16.27 0.77 0.00 | 20.46 0.82 0.00 | 21.46 1.20 0.00 | 22.20 1.30 0.00 | 21.74 1.40 -0.37 | 22.52 1.50 -1.00 | 24.35 1.62 -2.75 | 24.35 1.65 -2.64 | 25.02 1.82 -2.33 | 25.73 1.90 -1.97 | 27.22 2.11 -1.41 | 30.35 2.37 -1.36 | 36.34 2.77 -1.39 | 48.17 2.55 -14.18 | 31.34 2.10 0.00 | 29.47 1.85 0.00 | 26.18 1.64 0.00 | 22.65 1.44 0.00 | 21.08 1.19 0.00 |