

Day Ahead Market Generator LBMP

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 05/14/2024 | |
|----------------------|--------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|------------|--|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | | | |
| | | 23.21 | 21.93 | 20.39 | 20.12 | 21.09 | 23.11 | 29.10 | 30.95 | 29.04 | 25.42 | 25.37 | 25.34 | 25.34 | 26.34 | 26.87 | 27.82 | 31.73 | 34.65 | 37.28 | 37.64 | 39.92 | 34.32 | 28.84 | 25.44 | | | |
| | | 1.58 | 1.24 | 1.14 | 1.14 | 1.14 | 1.45 | 2.35 | 2.66 | 2.62 | 2.29 | 2.35 | 2.39 | 2.35 | 2.42 | 2.46 | 2.73 | 2.96 | 3.52 | 3.54 | 3.55 | 3.70 | 3.26 | 2.43 | 1.80 | | | |
| | | 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 | -0.01 | -0.03 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 74TH STREET_GT_1 | 24260 | 23.26 | 21.91 | 20.34 | 20.08 | 21.05 | 23.04 | 29.00 | 30.84 | 28.94 | 25.32 | 25.25 | 25.25 | 25.25 | 26.25 | 26.76 | 27.70 | 31.64 | 34.53 | 37.22 | 37.54 | 39.77 | 34.23 | 28.79 | 25.37 | | | |
| | | 1.62 | 1.22 | 1.08 | 1.10 | 1.10 | 1.39 | 2.25 | 2.55 | 2.51 | 2.20 | 2.23 | 2.30 | 2.25 | 2.32 | 2.37 | 2.61 | 2.88 | 3.39 | 3.48 | 3.44 | 3.55 | 3.17 | 2.38 | 1.73 | | | |
| | | 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 | -0.03 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 74TH STREET_GT_2 | 24261 | 23.26 | 21.91 | 20.34 | 20.08 | 21.05 | 23.04 | 29.00 | 30.84 | 28.94 | 25.32 | 25.25 | 25.25 | 25.25 | 26.25 | 26.76 | 27.70 | 31.64 | 34.53 | 37.22 | 37.54 | 39.77 | 34.23 | 28.79 | 25.37 | | | |
| | | 1.62 | 1.22 | 1.08 | 1.10 | 1.10 | 1.39 | 2.25 | 2.55 | 2.51 | 2.20 | 2.23 | 2.30 | 2.25 | 2.32 | 2.37 | 2.61 | 2.88 | 3.39 | 3.48 | 3.44 | 3.55 | 3.17 | 2.38 | 1.73 | | | |
| | | 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 | -0.03 | 0.00 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK HUDSON___FALLS | 24011 | 22.70 | 21.64 | 20.03 | 19.76 | 20.79 | 22.68 | 28.25 | 29.76 | 27.75 | 24.14 | 23.92 | 23.87 | 23.89 | 24.74 | 25.35 | 26.21 | 30.20 | 32.84 | 35.70 | 36.14 | 38.32 | 32.89 | 27.78 | 24.76 | | | |
| | | 1.06 | 0.95 | 0.77 | 0.78 | 0.84 | 1.02 | 1.50 | 1.47 | 1.32 | 1.02 | 0.90 | 0.92 | 0.90 | 0.81 | 0.95 | 1.15 | 1.44 | 1.71 | 1.96 | 2.05 | 2.10 | 1.83 | 1.37 | 1.11 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK RESOURCE___RCVRY | 23798 | 22.70 | 21.72 | 20.08 | 19.84 | 20.87 | 22.76 | 28.38 | 29.88 | 27.88 | 24.24 | 23.99 | 23.94 | 23.98 | 24.81 | 25.45 | 26.34 | 30.32 | 33.03 | 35.83 | 36.34 | 38.50 | 33.05 | 27.92 | 24.85 | | | |
| | | 1.06 | 1.03 | 0.83 | 0.85 | 0.92 | 1.10 | 1.63 | 1.58 | 1.45 | 1.11 | 0.97 | 0.99 | 0.99 | 0.89 | 1.05 | 1.28 | 1.55 | 1.90 | 2.09 | 2.25 | 2.28 | 1.99 | 1.50 | 1.21 | | | |
| | | 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 | | | |
| ADK S GLENS___FALLS | 24028 | 22.70 | 21.64 | 20.03 | 19.76 | 20.79 | 22.68 | 28.25 | 29.76 | 27.75 | 24.14 | 23.92 | 23.87 | 23.89 | 24.74 | 25.35 | 26.21 | 30.20 | 32.84 | 35.70 | 36.14 | 38.32 | 32.89 | 27.78 | 24.76 | | | |
| | | 1.06 | 0.95 | 0.77 | 0.78 | 0.84 | 1.02 | 1.50 | 1.47 | 1.32 | 1.02 | 0.90 | 0.92 | 0.90 | 0.81 | 0.95 | 1.15 | 1.44 | 1.71 | 1.96 | 2.05 | 2.10 | 1.83 | 1.37 | 1.11 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK_NYS___DAM | 23527 | 22.65 | 21.58 | 20.08 | 19.87 | 20.87 | 22.78 | 28.43 | 29.96 | 27.75 | 24.14 | 23.92 | 23.92 | 23.87 | 24.79 | 25.30 | 26.11 | 30.12 | 32.69 | 35.56 | 36.00 | 38.25 | 32.83 | 27.60 | 24.66 | | | |
| | | 1.02 | 0.89 | 0.83 | 0.89 | 0.92 | 1.13 | 1.69 | 1.67 | 1.32 | 1.02 | 0.90 | 0.96 | 0.87 | 0.86 | 0.90 | 1.05 | 1.35 | 1.56 | 1.82 | 1.91 | 2.03 | 1.77 | 1.19 | 1.02 | | | |
| | | 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 | | | |
| AIR_PRODUCTS___DRP | 24190 | 22.16 | 21.12 | 19.66 | 19.44 | 20.35 | 21.94 | 27.34 | 28.75 | 26.74 | 23.45 | 23.30 | 23.25 | 23.27 | 24.12 | 24.62 | 25.36 | 29.19 | 31.72 | 34.41 | 34.74 | 36.87 | 31.68 | 26.73 | 23.86 | | | |
| | | 0.52 | 0.43 | 0.40 | 0.46 | 0.40 | 0.28 | 0.59 | 0.45 | 0.32 | 0.32 | 0.28 | 0.30 | 0.28 | 0.19 | 0.22 | 0.30 | 0.43 | 0.59 | 0.67 | 0.65 | 0.65 | 0.62 | 0.32 | 0.21 | | | |
| | | 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 | | | |
| AKWESSNE_115KV_BK | 355683 | 21.18 | 20.50 | 19.06 | 18.79 | 19.77 | 21.35 | 26.24 | 27.84 | 25.95 | 22.71 | 22.60 | 22.54 | 22.56 | 23.52 | 24.01 | 24.66 | 28.33 | 30.54 | 33.23 | 33.55 | 35.75 | 30.47 | 25.96 | 23.27 | | | |
| | | -0.45 | -0.19 | -0.19 | -0.19 | -0.18 | -0.30 | -0.51 | -0.45 | -0.48 | -0.42 | -0.41 | -0.41 | -0.44 | -0.41 | -0.39 | -0.40 | -0.43 | -0.59 | -0.51 | -0.55 | -0.47 | -0.59 | -0.45 | -0.38 | | | |
| | | 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_SOLAR | 323833 | 22.28 | 21.41 | 19.89 | 19.66 | 20.63 | 22.33 | 27.74 | 29.14 | 27.11 | 23.63 | 23.43 | 23.37 | 23.39 | 24.26 | 24.81 | 25.59 | 29.45 | 32.06 | 34.79 | 35.18 | 37.38 | 32.14 | 27.18 | 24.29 | | | |
| | | 0.65 | 0.72 | 0.63 | 0.68 | 0.68 | 0.67 | 0.99 | 0.85 | 0.69 | 0.51 | 0.41 | 0.41 | 0.39 | 0.33 | 0.41 | 0.53 | 0.69 | 0.93 | 1.05 | 1.09 | 1.16 | 1.09 | 0.77 | 0.64 | | | |
| | | 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_2_SOLAR | 323834 | 22.28 | 21.41 | 19.89 | 19.66 | 20.63 | 22.33 | 27.71 | 29.14 | 27.11 | 23.63 | 23.43 | 23.37 | 23.39 | 24.26 | 24.81 | 25.59 | 29.45 | 32.06 | 34.79 | 35.18 | 37.38 | 32.11 | 27.18 | 24.29 | | | |
| | | 0.65 | 0.72 | 0.63 | 0.68 | 0.68 | 0.67 | 0.96 | 0.85 | 0.69 | 0.51 | 0.41 | 0.41 | 0.39 | 0.33 | 0.41 | 0.53 | 0.69 | 0.93 | 1.05 | 1.09 | 1.16 | 1.06 | 0.77 | 0.64 | | | |
| | | 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 | 22.16 | 21.12 | 19.66 | 19.44 | 20.35 | 21.94 | 27.34 | 28.75 | 26.74 | 23.45 | 23.30 | 23.25 | 23.27 | 24.12 | 24.62 | 25.36 | 29.19 | 31.72 | 34.41 | 34.74 | 36.87 | 31.68 | 26.73 | 23.86 | | | |
| | | 0.52 | 0.43 | 0.40 | 0.46 | 0.40 | 0.28 | 0.59 | 0.45 | 0.32 | 0.32 | 0.28 | 0.30 | 0.28 | 0.19 | 0.22 | 0.30 | 0.43 | 0.59 | 0.67 | 0.65 | 0.65 | 0.62 | 0.32 | 0.21 | | | |
| | | 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___2 23572 | 22.16 0.52 0.00 | 21.12 0.43 0.00 | 19.66 0.40 0.00 | 19.44 0.46 0.00 | 20.35 0.40 0.00 | 21.94 0.28 0.00 | 27.34 0.59 0.00 | 28.75 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.19 0.43 0.00 | 31.72 0.59 0.00 | 34.41 0.67 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| ALBANY___3 23573 | 22.16 0.52 0.00 | 21.12 0.43 0.00 | 19.66 0.40 0.00 | 19.44 0.46 0.00 | 20.35 0.40 0.00 | 21.94 0.28 0.00 | 27.34 0.59 0.00 | 28.75 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.19 0.43 0.00 | 31.72 0.59 0.00 | 34.41 0.67 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| ALBANY___4 23574 | 22.16 0.52 0.00 | 21.12 0.43 0.00 | 19.66 0.40 0.00 | 19.44 0.46 0.00 | 20.35 0.40 0.00 | 21.94 0.28 0.00 | 27.34 0.59 0.00 | 28.75 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.19 0.43 0.00 | 31.72 0.59 0.00 | 34.41 0.67 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| ALBANY___LFGE 323615 | 22.13 0.50 0.00 | 21.29 0.60 0.00 | 19.78 0.52 0.00 | 19.57 0.59 0.00 | 20.51 0.56 0.00 | 22.18 0.52 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.06 0.63 0.00 | 23.70 0.58 0.00 | 23.52 0.51 0.00 | 23.51 0.55 0.00 | 23.53 0.53 0.00 | 24.38 0.45 0.00 | 24.89 0.49 0.00 | 25.66 0.60 0.00 | 29.48 0.72 0.00 | 32.03 0.90 0.00 | 34.72 0.98 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 31.99 0.93 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 21.27 -0.37 0.00 | 20.58 -0.10 0.00 | 19.14 -0.12 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.44 -0.22 0.00 | 26.37 -0.37 0.00 | 27.95 -0.34 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.61 -0.34 0.00 | 22.61 -0.39 0.00 | 23.59 -0.33 0.00 | 24.08 -0.32 0.00 | 24.74 -0.33 0.00 | 28.39 -0.37 0.00 | 30.60 -0.53 0.00 | 33.30 -0.44 0.00 | 33.62 -0.48 0.00 | 35.89 -0.33 0.00 | 30.50 -0.56 0.00 | 26.04 -0.37 0.00 | 23.39 -0.26 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 21.27 -0.37 0.00 | 20.58 -0.10 0.00 | 19.14 -0.12 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.44 -0.22 0.00 | 26.37 -0.37 0.00 | 27.95 -0.34 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.61 -0.34 0.00 | 22.61 -0.39 0.00 | 23.59 -0.33 0.00 | 24.08 -0.32 0.00 | 24.74 -0.33 0.00 | 28.39 -0.37 0.00 | 30.60 -0.53 0.00 | 33.30 -0.44 0.00 | 33.62 -0.48 0.00 | 35.89 -0.33 0.00 | 30.50 -0.56 0.00 | 26.04 -0.37 0.00 | 23.39 -0.26 0.00 |
| ALCOA___DSASP 323711 | 21.35 -0.28 0.00 | 20.58 -0.10 0.00 | 19.14 -0.11 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.42 -0.24 0.00 | 26.37 -0.37 0.00 | 27.95 -0.34 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.61 -0.34 0.00 | 22.61 -0.39 0.00 | 23.59 -0.34 0.00 | 24.11 -0.29 0.00 | 24.73 -0.33 0.00 | 28.39 -0.37 0.00 | 30.60 -0.53 0.00 | 33.30 -0.44 0.00 | 33.62 -0.48 0.00 | 35.89 -0.33 0.00 | 30.50 -0.56 0.00 | 26.04 -0.37 0.00 | 23.39 -0.26 0.00 |
| ALLEGHENY___COGEN 23514 | 22.13 0.50 0.00 | 20.98 0.29 0.00 | 19.66 0.41 0.00 | 19.19 0.21 0.00 | 20.25 0.30 0.00 | 22.37 0.71 0.00 | 27.52 0.78 0.00 | 30.22 1.92 0.00 | 27.77 1.35 0.00 | 24.17 1.04 0.00 | 24.26 1.24 0.00 | 24.01 1.06 0.00 | 24.12 1.13 0.00 | 25.22 1.29 0.00 | 25.57 1.17 0.00 | 25.44 0.38 0.00 | 29.37 0.60 0.00 | 31.38 0.25 0.00 | 34.42 0.67 0.00 | 35.19 1.09 0.00 | 37.42 1.19 0.00 | 32.27 1.21 0.00 | 28.02 1.61 0.00 | 25.18 1.54 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 22.31 0.67 0.00 | 21.23 0.54 0.00 | 19.74 0.48 0.00 | 19.49 0.51 0.00 | 20.45 0.50 0.00 | 22.22 0.56 0.00 | 27.66 0.91 0.00 | 29.17 0.88 0.00 | 27.22 0.79 0.00 | 23.77 0.65 0.00 | 23.64 0.62 0.00 | 23.60 0.64 0.00 | 23.62 0.62 0.00 | 24.53 0.60 0.00 | 25.01 0.61 0.00 | 25.76 0.70 0.00 | 29.60 0.83 0.00 | 32.16 1.03 0.00 | 34.85 1.11 0.00 | 35.22 1.13 0.00 | 37.38 1.16 0.00 | 32.11 1.06 0.00 | 27.15 0.74 0.00 | 24.22 0.57 0.00 |
| ALTONA_WT_PWR 323606 | 21.01 -0.63 0.00 | 20.25 -0.44 0.00 | 18.89 -0.37 0.00 | 18.74 -0.25 0.00 | 19.83 -0.12 0.00 | 21.57 -0.09 0.00 | 26.64 -0.11 0.00 | 28.49 0.20 0.00 | 26.59 0.16 0.00 | 23.20 0.07 0.00 | 23.18 0.16 0.00 | 23.07 0.12 0.00 | 23.16 0.16 0.00 | 24.33 0.41 0.00 | 24.71 0.32 0.00 | 25.46 0.40 0.00 | 29.39 0.63 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.11 1.02 0.00 | 36.87 0.65 0.00 | 31.18 0.12 0.00 | 26.65 0.24 0.00 | 23.84 0.19 0.00 |
| AMERICAN_REF_FUEL 24010 | 20.94 -0.69 0.00 | 19.90 -0.79 0.00 | 18.74 -0.52 0.00 | 18.26 -0.72 0.00 | 19.19 -0.76 0.00 | 21.20 -0.46 0.00 | 25.76 -0.99 0.00 | 27.22 -1.08 0.00 | 25.71 -0.71 0.00 | 22.64 -0.49 0.00 | 22.93 -0.09 0.00 | 22.70 -0.25 0.00 | 22.81 -0.18 0.00 | 23.90 -0.02 0.00 | 24.08 -0.32 0.00 | 24.33 -0.73 0.00 | 27.93 -0.84 0.00 | 29.33 -1.81 0.00 | 31.72 -2.02 0.00 | 32.32 -1.77 0.00 | 34.30 -1.92 0.00 | 29.63 -1.43 0.00 | 25.99 -0.42 0.00 | 23.55 -0.09 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 21.57 -0.06 0.00 | 20.46 -0.23 0.00 | 19.30 0.04 0.00 | 18.79 -0.19 0.00 | 19.83 -0.12 0.00 | 21.92 0.26 0.00 | 26.88 0.13 0.00 | 28.60 0.31 0.00 | 27.16 0.74 0.00 | 24.05 0.93 0.00 | 24.40 1.38 0.00 | 24.19 1.24 0.00 | 24.38 1.38 0.00 | 25.60 1.67 0.00 | 25.79 1.39 0.00 | 26.11 1.05 0.00 | 29.94 1.18 0.00 | 31.57 0.44 0.00 | 34.18 0.44 0.00 | 34.81 0.72 0.00 | 36.91 0.69 0.00 | 31.77 0.71 0.00 | 27.86 1.45 0.00 | 25.09 1.44 0.00 |
| ARTHUR KILL_GT_1 23520 | 23.25 1.60 -0.01 | 21.91 1.22 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.89 1.23 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.78 2.35 0.00 | 25.16 2.04 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.15 2.23 0.00 | 26.74 2.32 -0.02 | 27.53 2.43 -0.04 | 35.87 2.62 -4.49 | 38.76 3.24 -4.39 | 36.89 3.14 -0.01 | 37.40 3.31 0.00 | 39.47 3.26 0.01 | 34.02 2.95 -0.01 | 28.69 2.27 -0.01 | 25.43 1.77 -0.01 |
| ARTHUR_KILL_2 23512 | 23.20 1.56 -0.01 | 21.85 1.16 0.00 | 20.30 1.04 0.00 | 20.03 1.04 0.00 | 20.95 1.00 0.00 | 22.85 1.19 0.00 | 28.78 2.03 0.00 | 30.61 2.32 0.00 | 28.70 2.27 0.00 | 25.09 1.96 0.00 | 25.07 2.05 0.00 | 25.07 2.11 0.00 | 25.07 2.07 0.00 | 26.11 2.18 0.00 | 26.66 2.24 -0.02 | 27.46 2.36 -0.04 | 35.79 2.53 -4.49 | 38.63 3.11 -4.39 | 36.79 3.04 -0.01 | 37.30 3.20 0.00 | 39.36 3.15 0.01 | 33.90 2.83 -0.01 | 28.59 2.17 -0.01 | 25.36 1.70 -0.01 |
| ARTHUR_KILL_3 23513 | 22.98 1.34 0.00 | 21.70 1.01 0.00 | 20.18 0.92 0.00 | 19.93 0.95 0.00 | 20.89 0.94 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.64 2.35 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.09 2.07 0.00 | 25.09 2.14 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.58 2.17 -0.01 | 27.53 2.43 -0.03 | 35.86 2.62 -4.48 | 38.62 3.11 -4.38 | 36.88 3.14 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 33.98 2.92 0.00 | 28.61 2.19 0.00 | 25.21 1.56 0.00 |

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|-----------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 23.25 1.60 -0.01 | 21.91 1.22 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.89 1.23 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.78 2.35 0.00 | 25.16 2.04 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.15 2.23 0.00 | 26.74 2.32 -0.02 | 27.53 2.43 -0.04 | 35.87 2.62 -4.49 | 38.76 3.24 -4.39 | 36.89 3.14 -0.01 | 37.40 3.31 0.00 | 39.47 3.26 0.01 | 34.02 2.95 -0.01 | 28.69 2.27 -0.01 | 25.43 1.77 -0.01 |
| ASHOKAN____ 23654 | 22.59 0.95 0.00 | 21.60 0.91 0.00 | 19.99 0.73 0.00 | 19.78 0.80 0.00 | 20.65 0.70 0.00 | 22.46 0.80 0.00 | 27.92 1.18 0.00 | 29.34 1.05 0.00 | 27.35 0.92 0.00 | 23.73 0.60 0.00 | 23.50 0.48 0.00 | 23.35 0.39 0.00 | 23.43 0.44 0.00 | 24.31 0.38 0.00 | 24.93 0.54 0.00 | 25.59 0.53 0.00 | 29.48 0.72 0.00 | 32.25 1.12 0.00 | 34.99 1.25 0.00 | 35.42 1.33 0.00 | 37.63 1.41 0.00 | 32.46 1.40 0.00 | 27.31 0.90 0.00 | 24.31 0.66 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 23.11 1.47 0.00 | 21.74 1.05 0.00 | 20.20 0.94 0.00 | 19.95 0.97 0.00 | 20.86 0.92 0.01 | 22.82 1.17 0.01 | 28.69 1.95 0.01 | 30.61 2.32 0.01 | 28.72 2.30 0.01 | 25.15 2.04 0.01 | 25.08 2.07 0.01 | 25.11 2.16 0.01 | 25.08 2.09 0.01 | 26.11 2.18 0.00 | 26.75 2.34 -0.01 | 27.60 2.51 -0.03 | 31.37 2.62 0.01 | 34.35 3.21 -0.01 | 36.87 3.14 0.01 | 37.22 3.13 0.01 | 39.43 3.22 0.01 | 33.98 2.92 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 23.11 1.47 0.00 | 21.74 1.05 0.00 | 20.20 0.94 0.00 | 19.95 0.97 0.00 | 20.86 0.92 0.01 | 22.82 1.17 0.01 | 28.69 1.95 0.01 | 30.61 2.32 0.01 | 28.72 2.30 0.01 | 25.15 2.04 0.01 | 25.08 2.07 0.01 | 25.11 2.16 0.01 | 25.08 2.09 0.01 | 26.11 2.18 0.00 | 26.75 2.34 -0.01 | 27.60 2.51 -0.03 | 31.37 2.62 0.01 | 34.35 3.21 -0.01 | 36.87 3.14 0.01 | 37.22 3.13 0.01 | 39.43 3.22 0.01 | 33.98 2.92 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT2_1 24094 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT2_2 24095 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT2_3 24096 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT2_4 24097 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT3_1 24098 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT3_2 24099 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT3_3 24100 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT3_4 24101 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT4_1 24102 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT4_2 24103 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT4_3 24104 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |

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| ASTORIA_GT4_4 24105 | 23.22 1.58 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.83 1.17 0.00 | 28.73 1.98 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.74 2.34 0.00 | 27.60 2.51 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.44 3.22 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| ASTORIA_GT_1 23523 | 23.15 1.51 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.90 0.96 0.01 | 22.86 1.21 0.01 | 28.77 2.03 0.01 | 30.66 2.38 0.01 | 28.77 2.35 0.01 | 25.20 2.08 0.01 | 25.15 2.14 0.01 | 25.17 2.23 0.01 | 25.15 2.16 0.01 | 26.15 2.23 0.00 | 26.82 2.42 -0.01 | 27.65 2.56 -0.03 | 31.46 2.70 0.01 | 34.44 3.30 -0.01 | 36.97 3.24 0.01 | 37.33 3.24 0.01 | 39.54 3.33 0.01 | 34.04 2.98 0.00 | 28.68 2.27 0.00 | 25.30 1.65 0.00 |
| ASTORIA_GT_10 24110 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| ASTORIA_GT_11 24225 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| ASTORIA_GT_12 24226 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| ASTORIA_GT_13 24227 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| ASTORIA_GT_5 24106 | 23.26 1.62 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.91 0.96 0.00 | 22.85 1.19 0.00 | 28.78 2.03 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.21 2.08 0.00 | 25.16 2.14 0.00 | 25.16 2.20 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.79 2.39 0.00 | 27.65 2.56 -0.03 | 31.50 2.73 0.00 | 34.44 3.30 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| ASTORIA_GT_7 24107 | 23.26 1.62 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.91 0.96 0.00 | 22.85 1.19 0.00 | 28.78 2.03 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.21 2.08 0.00 | 25.16 2.14 0.00 | 25.16 2.20 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.79 2.39 0.00 | 27.65 2.56 -0.03 | 31.50 2.73 0.00 | 34.44 3.30 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| ASTORIA_GT_8 24108 | 23.26 1.62 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.91 0.96 0.00 | 22.85 1.19 0.00 | 28.78 2.03 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.21 2.08 0.00 | 25.16 2.14 0.00 | 25.16 2.20 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.79 2.39 0.00 | 27.65 2.56 -0.03 | 31.50 2.73 0.00 | 34.44 3.30 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| ASTORIA___2 24149 | 23.13 1.49 0.00 | 21.76 1.08 0.00 | 20.22 0.96 0.00 | 19.97 0.99 0.00 | 20.86 0.92 0.01 | 22.82 1.17 0.01 | 28.72 1.98 0.01 | 30.61 2.32 0.01 | 28.72 2.30 0.01 | 25.15 2.04 0.01 | 25.11 2.09 0.01 | 25.13 2.18 0.01 | 25.10 2.11 0.01 | 26.11 2.18 0.00 | 26.77 2.37 -0.01 | 27.60 2.51 -0.03 | 31.40 2.64 0.01 | 34.38 3.24 -0.01 | 36.87 3.14 0.01 | 37.26 3.17 0.01 | 39.47 3.26 0.01 | 33.98 2.92 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| ASTORIA___3 23516 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.67 2.27 -0.01 | 27.57 2.48 -0.03 | 31.41 2.64 0.00 | 34.35 3.21 -0.01 | 36.91 3.17 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 33.98 2.92 0.00 | 28.58 2.17 0.00 | 25.23 1.58 0.00 |
| ASTORIA___4 23517 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.44 2.67 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| ASTORIA___5 23518 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.67 2.27 -0.01 | 27.57 2.48 -0.03 | 31.41 2.64 0.00 | 34.35 3.21 -0.01 | 36.91 3.17 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 33.98 2.92 0.00 | 28.58 2.17 0.00 | 25.23 1.58 0.00 |
| AST_ENERGY_2_CC3 323677 | 23.04 1.41 0.00 | 21.76 1.08 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.91 1.26 0.00 | 28.84 2.09 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.09 2.07 0.00 | 25.09 2.14 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.60 2.20 -0.01 | 27.52 2.43 -0.03 | 31.38 2.62 0.00 | 34.28 3.14 -0.01 | 36.91 3.17 0.00 | 37.26 3.17 0.00 | 39.52 3.30 0.00 | 33.98 2.92 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| AST_ENERGY_2_CC4 323678 | 23.04 1.41 0.00 | 21.76 1.08 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.91 1.26 0.00 | 28.84 2.09 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.09 2.07 0.00 | 25.09 2.14 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.60 2.20 -0.01 | 27.52 2.43 -0.03 | 31.38 2.62 0.00 | 34.28 3.14 -0.01 | 36.91 3.17 0.00 | 37.26 3.17 0.00 | 39.52 3.30 0.00 | 33.98 2.92 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 22.41 0.78 0.00 | 21.35 0.66 0.00 | 19.85 0.60 0.00 | 19.61 0.63 0.00 | 20.57 0.62 0.00 | 22.42 0.76 0.00 | 27.98 1.23 0.00 | 29.57 1.27 0.00 | 27.62 1.19 0.00 | 24.14 1.02 0.00 | 24.03 1.01 0.00 | 23.99 1.03 0.00 | 24.01 1.01 0.00 | 24.96 1.03 0.00 | 25.45 1.05 0.00 | 26.19 1.13 0.00 | 30.00 1.24 0.00 | 32.62 1.49 0.00 | 35.29 1.55 0.00 | 35.66 1.57 0.00 | 37.85 1.63 0.00 | 32.52 1.46 0.00 | 27.47 1.06 0.00 | 24.43 0.78 0.00 |
| ATHENS_STG_2 23670 | 22.41 0.78 0.00 | 21.35 0.66 0.00 | 19.85 0.60 0.00 | 19.61 0.63 0.00 | 20.57 0.62 0.00 | 22.42 0.76 0.00 | 27.98 1.23 0.00 | 29.57 1.27 0.00 | 27.62 1.19 0.00 | 24.14 1.02 0.00 | 24.03 1.01 0.00 | 23.99 1.03 0.00 | 24.01 1.01 0.00 | 24.96 1.03 0.00 | 25.45 1.05 0.00 | 26.19 1.13 0.00 | 30.00 1.24 0.00 | 32.62 1.49 0.00 | 35.29 1.55 0.00 | 35.66 1.57 0.00 | 37.85 1.63 0.00 | 32.52 1.46 0.00 | 27.47 1.06 0.00 | 24.43 0.78 0.00 |
| ATHENS_STG_3 23677 | 22.41 0.78 0.00 | 21.35 0.66 0.00 | 19.85 0.60 0.00 | 19.61 0.63 0.00 | 20.57 0.62 0.00 | 22.42 0.76 0.00 | 27.98 1.23 0.00 | 29.57 1.27 0.00 | 27.62 1.19 0.00 | 24.14 1.02 0.00 | 24.03 1.01 0.00 | 23.99 1.03 0.00 | 24.01 1.01 0.00 | 24.96 1.03 0.00 | 25.45 1.05 0.00 | 26.19 1.13 0.00 | 30.00 1.24 0.00 | 32.62 1.49 0.00 | 35.29 1.55 0.00 | 35.66 1.57 0.00 | 37.85 1.63 0.00 | 32.52 1.46 0.00 | 27.47 1.06 0.00 | 24.43 0.78 0.00 |
| AUBURN___LFGE 323710 | 21.74 0.11 0.00 | 20.67 -0.02 0.00 | 19.28 0.02 0.00 | 18.94 -0.04 0.00 | 19.93 -0.02 0.00 | 21.79 0.13 0.00 | 26.96 0.21 0.00 | 28.60 0.31 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.36 0.35 0.00 | 23.28 0.32 0.00 | 23.39 0.39 0.00 | 24.36 0.43 0.00 | 24.81 0.41 0.00 | 25.36 0.30 0.00 | 29.11 0.35 0.00 | 31.41 0.28 0.00 | 33.94 0.20 0.00 | 34.37 0.27 0.00 | 36.47 0.25 0.00 | 31.31 0.25 0.00 | 26.81 0.40 0.00 | 24.03 0.38 0.00 |
| BABYLON_RES_REC 323704 | 26.74 2.06 -3.04 | 26.52 1.74 -4.09 | 26.37 1.60 -5.52 | 22.30 1.59 -1.72 | 26.46 1.64 -4.87 | 27.06 1.97 -3.43 | 30.01 2.89 -0.37 | 31.48 3.11 -0.07 | 29.17 2.75 0.00 | 27.16 2.59 -1.45 | 30.76 2.62 -5.12 | 31.01 2.62 -5.44 | 30.27 2.60 -4.68 | 30.68 2.68 -4.08 | 30.95 2.73 -3.82 | 31.93 2.96 -3.91 | 36.41 3.25 -4.40 | 44.28 3.77 -9.38 | 47.10 3.91 -9.44 | 46.21 3.99 -8.13 | 47.37 4.20 -6.95 | 40.51 3.66 -5.79 | 31.51 2.93 -2.17 | 30.74 2.34 -4.76 |
| BABYLON___69_KV_BK2 356345 | 27.09 2.36 -3.10 | 26.80 1.94 -4.17 | 26.64 1.77 -5.62 | 22.50 1.77 -1.75 | 26.73 1.82 -4.96 | 27.34 2.19 -3.49 | 31.23 3.18 -1.29 | 31.92 3.40 -0.23 | 29.44 3.01 0.00 | 27.42 2.82 -1.47 | 31.09 2.85 -5.21 | 31.36 2.87 -5.54 | 30.56 2.81 -4.76 | 30.99 2.92 -4.15 | 31.24 2.98 -3.87 | 32.26 3.23 -3.97 | 36.75 3.62 -4.36 | 44.68 4.20 -9.35 | 47.52 4.45 -9.32 | 46.55 4.47 -7.99 | 47.76 4.67 -6.86 | 40.89 4.10 -5.73 | 31.84 3.22 -2.21 | 31.04 2.55 -4.84 |
| BALL_HILL_WT_PWR 323825 | 21.72 0.09 0.00 | 20.63 -0.06 0.00 | 19.41 0.15 0.00 | 18.91 -0.08 0.00 | 19.93 -0.02 0.00 | 22.03 0.37 0.00 | 26.94 0.19 0.00 | 28.52 0.23 0.00 | 26.98 0.56 0.00 | 23.77 0.65 0.00 | 24.08 1.06 0.00 | 23.85 0.89 0.00 | 23.96 0.97 0.00 | 25.15 1.22 0.00 | 25.30 0.90 0.00 | 25.64 0.58 0.00 | 29.39 0.63 0.00 | 31.01 -0.12 0.00 | 33.54 -0.20 0.00 | 34.17 0.07 0.00 | 36.26 0.04 0.00 | 31.25 0.19 0.00 | 27.39 0.98 0.00 | 24.74 1.09 0.00 |
| BARON_WINDS___WT_PWR 323822 | 21.46 -0.17 0.00 | 20.34 -0.35 0.00 | 19.08 -0.17 0.00 | 18.64 -0.34 0.00 | 19.71 -0.24 0.00 | 21.77 0.11 0.00 | 26.80 0.05 0.00 | 28.49 0.20 0.00 | 26.85 0.42 0.00 | 23.66 0.53 0.00 | 23.85 0.83 0.00 | 23.67 0.71 0.00 | 23.78 0.78 0.00 | 24.89 0.96 0.00 | 25.13 0.73 0.00 | 25.49 0.43 0.00 | 29.22 0.46 0.00 | 31.04 -0.09 0.00 | 33.74 0.00 0.00 | 34.44 0.34 0.00 | 36.58 0.36 0.00 | 31.52 0.47 0.00 | 27.39 0.98 0.00 | 24.59 0.95 0.00 |
| BARRETT_IC_1 23704 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_10 23701 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_11 23702 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_12 23703 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_2 23705 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_3 23706 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_4 23707 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_6 23709 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_7 23710 | 27.09 2.08 -3.37 | 26.93 1.70 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.32 1.86 -3.80 | 29.45 2.70 0.00 | 31.21 2.91 0.00 | 29.12 2.70 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.19 2.63 -4.15 | 32.13 2.81 -4.27 | 35.69 2.96 -3.96 | 42.62 3.33 -8.16 | 45.77 3.51 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.57 3.29 -5.22 | 31.59 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_8 23711 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT_IC_9 23700 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT___1 23545 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BARRETT___2 23546 | 26.98 1.97 -3.37 | 26.90 1.67 -4.54 | 26.92 1.54 -6.12 | 22.42 1.54 -1.90 | 26.93 1.58 -5.40 | 27.34 1.88 -3.80 | 29.46 2.70 -0.01 | 31.22 2.91 -0.01 | 29.09 2.67 0.00 | 27.25 2.52 -1.60 | 31.21 2.51 -5.68 | 31.54 2.55 -6.04 | 30.72 2.53 -5.19 | 31.04 2.61 -4.51 | 31.17 2.61 -4.16 | 32.13 2.81 -4.27 | 35.63 2.90 -3.96 | 42.62 3.33 -8.16 | 45.70 3.44 -8.52 | 44.68 3.48 -7.11 | 46.15 3.66 -6.27 | 39.54 3.26 -5.22 | 31.58 2.77 -2.40 | 31.12 2.20 -5.28 |
| BATAVIA___115KV_TB1 55881 | 21.81 0.17 0.00 | 20.58 -0.10 0.00 | 19.37 0.12 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.98 0.32 0.00 | 26.91 0.16 0.00 | 28.63 0.34 0.00 | 27.03 0.61 0.00 | 23.70 0.58 0.00 | 23.99 0.97 0.00 | 23.67 0.71 0.00 | 23.80 0.80 0.00 | 24.96 1.03 0.00 | 25.20 0.81 0.00 | 25.49 0.43 0.00 | 29.08 0.32 0.00 | 30.79 -0.34 -0.01 | 33.00 -0.74 -0.01 | 33.96 -0.14 -0.01 | 36.08 -0.14 -0.01 | 31.03 -0.03 0.00 | 27.10 0.69 0.00 | 24.55 0.90 0.00 |
| BAYONEEC___CTG1 323682 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG10 323750 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG2 323683 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG3 323684 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG4 323685 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG5 323686 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG6 323687 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG8 323689 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BAYONEEC___CTG9 323749 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.96 1.30 0.00 | 28.89 2.14 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.13 2.20 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.28 1.63 0.00 |
| BEACON___LESR 323632 | 22.22 0.58 0.00 | 21.39 0.70 0.00 | 19.85 0.60 0.00 | 19.66 0.68 0.00 | 20.59 0.64 0.00 | 22.29 0.63 0.00 | 27.76 1.02 0.00 | 29.20 0.91 0.00 | 27.27 0.85 0.00 | 23.84 0.72 0.00 | 23.66 0.64 0.00 | 23.62 0.67 0.00 | 23.64 0.64 0.00 | 24.50 0.57 0.00 | 25.03 0.63 0.00 | 25.76 0.70 0.00 | 29.63 0.86 0.00 | 32.25 1.12 0.00 | 34.95 1.21 0.00 | 35.32 1.23 0.00 | 37.49 1.27 0.00 | 32.21 1.15 0.00 | 27.18 0.77 0.00 | 24.24 0.59 0.00 |
| BEAVER RIVER___HYD 24048 | 21.68 0.04 0.00 | 20.56 -0.12 0.00 | 19.14 -0.11 0.00 | 18.85 -0.13 0.00 | 19.87 -0.08 0.00 | 21.81 0.15 0.00 | 27.04 0.29 0.00 | 28.58 0.28 0.00 | 26.56 0.13 0.00 | 23.17 0.05 0.00 | 22.95 -0.07 0.00 | 22.84 -0.11 0.00 | 22.86 -0.14 0.00 | 23.79 -0.14 0.00 | 24.25 -0.15 0.00 | 24.89 -0.17 0.00 | 28.62 -0.14 0.00 | 31.13 0.00 0.00 | 33.94 0.20 0.00 | 34.43 0.34 0.00 | 36.76 0.54 0.00 | 31.37 0.31 0.00 | 26.70 0.29 0.00 | 23.93 0.28 0.00 |
| BEEBEE_GT_13 23619 | 21.53 -0.11 0.00 | 20.38 -0.31 0.00 | 19.12 -0.13 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.61 -0.04 0.00 | 26.51 -0.24 0.00 | 28.18 -0.11 0.00 | 26.48 0.05 0.00 | 23.22 0.09 0.00 | 23.36 0.35 0.00 | 23.16 0.21 0.00 | 23.30 0.30 0.00 | 24.36 0.43 0.00 | 24.67 0.27 0.00 | 25.06 0.00 0.00 | 28.65 -0.12 0.00 | 30.54 -0.59 0.00 | 32.83 -0.91 0.00 | 33.55 -0.55 0.00 | 35.60 -0.62 0.00 | 30.62 -0.43 0.00 | 26.49 0.08 0.00 | 23.96 0.31 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 23.43 1.80 0.00 | 21.99 1.30 0.00 | 20.39 1.14 0.00 | 20.12 1.14 0.00 | 21.07 1.12 0.00 | 22.98 1.32 0.00 | 29.00 2.25 0.00 | 30.87 2.57 0.00 | 28.99 2.56 0.00 | 25.35 2.22 0.00 | 25.32 2.30 0.00 | 25.34 2.39 0.00 | 25.32 2.32 0.00 | 26.34 2.42 0.00 | 26.95 2.54 -0.01 | 27.86 2.76 -0.04 | 44.92 2.99 -13.17 | 47.60 3.61 -12.86 | 37.36 3.61 -0.01 | 37.71 3.61 0.00 | 39.91 3.69 0.00 | 34.36 3.29 -0.01 | 28.91 2.48 -0.01 | 25.54 1.89 0.00 |
| BETHLEHEM___GRP 23843 | 22.16 0.52 0.00 | 21.12 0.43 0.00 | 19.66 0.40 0.00 | 19.44 0.46 0.00 | 20.35 0.40 0.00 | 21.94 0.28 0.00 | 27.34 0.59 0.00 | 28.75 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.19 0.43 0.00 | 31.72 0.59 0.00 | 34.41 0.67 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| BETHLEHEM___GS1 323560 | 21.90 0.26 0.00 | 21.10 0.41 0.00 | 19.62 0.36 0.00 | 19.44 0.45 0.00 | 20.35 0.40 0.00 | 21.96 0.30 0.00 | 27.34 0.59 0.00 | 28.74 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.17 0.40 0.00 | 31.72 0.59 0.00 | 34.35 0.61 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| BETHLEHEM___GS2 323561 | 21.90 0.26 0.00 | 21.10 0.41 0.00 | 19.62 0.36 0.00 | 19.44 0.45 0.00 | 20.35 0.40 0.00 | 21.96 0.30 0.00 | 27.34 0.59 0.00 | 28.74 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.17 0.40 0.00 | 31.72 0.59 0.00 | 34.35 0.61 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| BETHLEHEM___GS3 323562 | 21.90 0.26 0.00 | 21.10 0.41 0.00 | 19.62 0.36 0.00 | 19.44 0.45 0.00 | 20.35 0.40 0.00 | 21.96 0.30 0.00 | 27.34 0.59 0.00 | 28.74 0.45 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.30 0.28 0.00 | 23.25 0.30 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.62 0.22 0.00 | 25.36 0.30 0.00 | 29.17 0.40 0.00 | 31.72 0.59 0.00 | 34.35 0.61 0.00 | 34.74 0.65 0.00 | 36.87 0.65 0.00 | 31.68 0.62 0.00 | 26.73 0.32 0.00 | 23.86 0.21 0.00 |
| BETHLEHEM___STEEL 23779 | 21.74 0.11 0.00 | 20.52 -0.17 0.00 | 19.37 0.12 0.00 | 18.89 -0.09 0.00 | 19.89 -0.06 0.00 | 21.96 0.30 0.00 | 26.86 0.11 0.00 | 28.43 0.14 0.00 | 26.87 0.45 0.00 | 23.66 0.53 0.00 | 23.94 0.92 0.00 | 23.71 0.76 0.00 | 23.85 0.85 0.00 | 24.98 1.05 0.00 | 25.18 0.78 0.00 | 25.49 0.43 0.00 | 29.02 0.26 0.00 | 30.79 -0.34 -0.01 | 32.90 -0.84 -0.01 | 33.93 -0.17 -0.01 | 36.05 -0.18 -0.01 | 30.96 -0.09 0.00 | 27.12 0.71 0.00 | 24.62 0.97 0.00 |
| BETHLHEM_115KV_TB1 79974 | 22.20 0.56 0.00 | 21.14 0.46 0.00 | 19.68 0.42 0.00 | 19.46 0.47 0.00 | 20.37 0.42 0.00 | 22.00 0.35 0.00 | 27.39 0.64 0.00 | 28.83 0.54 0.00 | 26.85 0.42 0.00 | 23.52 0.39 0.00 | 23.36 0.35 0.00 | 23.32 0.37 0.00 | 23.34 0.34 0.00 | 24.22 0.29 0.00 | 24.69 0.29 0.00 | 25.46 0.40 0.00 | 29.28 0.52 0.00 | 31.82 0.68 0.00 | 34.52 0.78 0.00 | 34.84 0.75 0.00 | 36.98 0.76 0.00 | 31.77 0.71 0.00 | 26.83 0.42 0.00 | 23.93 0.28 0.00 |
| BETHPAGE_CC_5 323564 | 26.58 2.03 -2.92 | 26.32 1.72 -3.92 | 26.12 1.58 -5.28 | 22.20 1.57 -1.65 | 26.23 1.62 -4.66 | 26.89 1.95 -3.28 | 29.59 2.83 -0.01 | 31.39 3.08 -0.01 | 29.20 2.77 0.00 | 27.10 2.59 -1.39 | 30.55 2.62 -4.90 | 30.80 2.64 -5.21 | 30.10 2.62 -4.48 | 30.54 2.70 -3.91 | 30.81 2.73 -3.68 | 31.76 2.93 -3.77 | 36.48 3.16 -4.56 | 44.55 3.64 -9.78 | 47.31 3.78 -9.79 | 46.43 3.82 -8.52 | 47.45 4.02 -7.21 | 40.60 3.54 -6.00 | 31.37 2.88 -2.08 | 30.49 2.29 -4.55 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 21.83 0.19 0.00 | 20.61 -0.08 0.00 | 19.43 0.17 0.00 | 18.94 -0.04 0.00 | 19.97 0.02 0.00 | 22.05 0.39 0.00 | 26.96 0.21 0.00 | 28.55 0.25 0.00 | 26.98 0.55 0.00 | 23.75 0.62 0.00 | 24.03 1.01 0.00 | 23.81 0.85 0.00 | 23.94 0.94 0.00 | 25.08 1.15 0.00 | 25.28 0.88 0.00 | 25.59 0.53 0.00 | 29.14 0.37 0.00 | 30.95 -0.19 -0.01 | 33.04 -0.71 -0.01 | 34.06 -0.03 -0.01 | 36.23 0.00 -0.01 | 31.12 0.06 0.00 | 27.26 0.85 0.00 | 24.71 1.06 0.00 |

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| BINGHAMTON___COGEN 23790 | 22.07 0.43 0.00 | 20.94 0.25 0.00 | 19.53 0.27 0.00 | 19.21 0.23 0.00 | 20.21 0.26 0.00 | 22.09 0.43 0.00 | 27.36 0.62 0.00 | 28.97 0.68 0.00 | 27.11 0.69 0.00 | 23.77 0.65 0.00 | 23.69 0.67 0.00 | 23.60 0.64 0.00 | 23.69 0.69 0.00 | 24.65 0.72 0.00 | 25.08 0.68 0.00 | 25.74 0.68 0.00 | 29.48 0.72 0.00 | 31.85 0.72 0.00 | 34.45 0.71 0.00 | 34.81 0.72 0.00 | 36.94 0.72 0.00 | 31.74 0.68 0.00 | 27.18 0.77 0.00 | 24.31 0.66 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 21.90 0.26 0.00 | 20.69 0.00 0.00 | 19.53 0.27 0.00 | 19.08 0.09 0.00 | 20.13 0.18 0.00 | 22.29 0.63 0.00 | 27.20 0.45 0.00 | 28.86 0.57 0.00 | 27.27 0.85 0.00 | 23.98 0.86 0.00 | 24.38 1.36 0.00 | 24.10 1.15 0.00 | 24.31 1.31 0.00 | 25.46 1.53 0.00 | 25.59 1.20 0.00 | 25.96 0.90 0.00 | 29.60 0.83 0.00 | 31.48 0.34 0.00 | 33.68 -0.07 0.00 | 34.71 0.61 0.00 | 36.95 0.72 0.00 | 31.68 0.62 0.00 | 27.78 1.37 0.00 | 25.16 1.51 0.00 |
| BLACK RIVER___HYD 24047 | 21.61 -0.02 0.00 | 20.50 -0.19 0.00 | 19.08 -0.17 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.74 0.09 0.00 | 26.96 0.21 0.00 | 28.49 0.20 0.00 | 26.45 0.03 0.00 | 23.06 -0.07 0.00 | 22.86 -0.16 0.00 | 22.73 -0.23 0.00 | 22.77 -0.23 0.00 | 23.67 -0.26 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.50 -0.26 0.00 | 31.07 -0.06 0.00 | 33.91 0.17 0.00 | 34.47 0.38 0.00 | 36.80 0.58 0.00 | 31.40 0.34 0.00 | 26.70 0.29 0.00 | 23.88 0.24 0.00 |
| BLACKRVR_115KV_TB2 79977 | 21.61 -0.02 0.00 | 20.50 -0.19 0.00 | 19.08 -0.17 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.74 0.09 0.00 | 26.96 0.21 0.00 | 28.49 0.20 0.00 | 26.45 0.03 0.00 | 23.06 -0.07 0.00 | 22.86 -0.16 0.00 | 22.73 -0.23 0.00 | 22.77 -0.23 0.00 | 23.66 -0.26 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.50 -0.26 0.00 | 31.07 -0.06 0.00 | 33.87 0.13 0.00 | 34.47 0.38 0.00 | 36.80 0.58 0.00 | 31.40 0.34 0.00 | 26.70 0.29 0.00 | 23.88 0.24 0.00 |
| BLISS_WT_PWR 323608 | 21.79 0.15 0.00 | 20.67 -0.02 0.00 | 19.51 0.25 0.00 | 19.04 0.06 0.00 | 20.09 0.14 0.00 | 22.24 0.58 0.00 | 27.12 0.37 0.00 | 28.83 0.54 0.00 | 27.22 0.79 0.00 | 23.91 0.79 0.00 | 24.35 1.33 0.00 | 24.06 1.10 0.00 | 24.31 1.31 0.00 | 25.48 1.55 0.00 | 25.57 1.17 0.00 | 25.94 0.88 0.00 | 29.77 1.01 0.00 | 31.48 0.34 0.00 | 34.12 0.37 0.00 | 34.74 0.65 0.00 | 36.91 0.69 0.00 | 31.74 0.68 0.00 | 27.86 1.45 0.00 | 25.16 1.51 0.00 |
| BLUESTONE___WT_PWR 323821 | 22.89 1.25 0.00 | 21.76 1.08 0.00 | 20.24 0.98 0.00 | 19.91 0.93 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.73 1.98 0.00 | 30.81 2.52 0.00 | 28.88 2.46 0.00 | 25.28 2.15 0.00 | 25.00 1.98 0.00 | 24.98 2.02 0.00 | 25.14 2.14 0.00 | 26.06 2.13 0.00 | 26.62 2.22 0.00 | 27.34 2.28 0.00 | 31.41 2.64 0.00 | 33.59 2.46 0.00 | 36.47 2.73 0.00 | 36.82 2.73 0.00 | 39.08 2.86 0.00 | 33.51 2.45 0.00 | 28.63 2.22 0.00 | 25.54 1.89 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 22.33 0.69 0.00 | 21.29 0.60 0.00 | 19.80 0.54 0.00 | 19.57 0.59 0.00 | 20.53 0.58 0.00 | 22.22 0.56 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.03 0.61 0.00 | 23.61 0.49 0.00 | 23.43 0.41 0.00 | 23.39 0.44 0.00 | 23.41 0.41 0.00 | 24.29 0.36 0.00 | 24.81 0.41 0.00 | 25.56 0.50 0.00 | 29.42 0.66 0.00 | 31.97 0.84 0.00 | 34.68 0.94 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 27.07 0.66 0.00 | 24.17 0.52 0.00 |
| BOC_GAS_DRP 24189 | 22.26 0.63 0.00 | 21.16 0.48 0.00 | 19.70 0.44 0.00 | 19.46 0.47 0.00 | 20.41 0.46 0.00 | 22.16 0.50 0.00 | 27.55 0.80 0.00 | 29.09 0.79 0.00 | 27.11 0.69 0.00 | 23.73 0.60 0.00 | 23.59 0.58 0.00 | 23.55 0.60 0.00 | 23.57 0.57 0.00 | 24.48 0.55 0.00 | 24.96 0.56 0.00 | 25.71 0.65 0.00 | 29.54 0.78 0.00 | 32.06 0.93 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 31.99 0.93 0.00 | 27.04 0.63 0.00 | 24.12 0.47 0.00 |
| BOONVILLE_115KV_TB1 79983 | 22.09 0.45 0.00 | 20.96 0.27 0.00 | 19.49 0.23 0.00 | 19.21 0.23 0.00 | 20.23 0.28 0.00 | 22.13 0.48 0.00 | 27.47 0.72 0.00 | 29.06 0.76 0.00 | 27.03 0.61 0.00 | 23.63 0.51 0.00 | 23.43 0.41 0.00 | 23.35 0.39 0.00 | 23.41 0.41 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.46 0.40 0.00 | 29.37 0.60 0.00 | 31.94 0.81 0.00 | 34.68 0.94 0.00 | 35.12 1.02 0.00 | 37.34 1.12 0.00 | 31.96 0.90 0.00 | 27.18 0.77 0.00 | 24.31 0.66 0.00 |
| BORALEX_4TH_BRANCH 23824 | 22.76 1.13 0.00 | 21.58 0.89 0.00 | 20.08 0.83 0.00 | 19.87 0.89 0.00 | 20.87 0.92 0.00 | 22.78 1.13 0.00 | 28.43 1.69 0.00 | 29.96 1.67 0.00 | 27.75 1.32 0.00 | 24.14 1.02 0.00 | 23.92 0.90 0.00 | 23.90 0.94 0.00 | 23.87 0.87 0.00 | 24.79 0.86 0.00 | 25.30 0.90 0.00 | 26.11 1.05 0.00 | 30.14 1.38 0.00 | 32.69 1.56 0.00 | 35.60 1.86 0.00 | 36.00 1.91 0.00 | 38.25 2.03 0.00 | 32.83 1.77 0.00 | 27.63 1.21 0.00 | 24.66 1.02 0.00 |
| BOWLINE___1 23526 | 22.91 1.28 0.00 | 21.70 1.01 0.00 | 20.16 0.91 0.00 | 19.89 0.91 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.62 1.87 0.00 | 30.33 2.04 0.00 | 28.41 1.98 0.00 | 24.86 1.74 0.00 | 24.77 1.75 0.00 | 24.75 1.79 0.00 | 24.77 1.77 0.00 | 25.75 1.82 0.00 | 26.23 1.83 0.00 | 27.09 2.03 0.00 | 30.98 2.21 0.00 | 33.78 2.64 0.00 | 36.44 2.70 0.00 | 36.82 2.73 0.00 | 39.05 2.83 0.00 | 33.57 2.51 0.00 | 28.31 1.90 0.00 | 25.07 1.42 0.00 |
| BOWLINE___2 23595 | 22.91 1.28 0.00 | 21.70 1.01 0.00 | 20.16 0.91 0.00 | 19.89 0.91 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.62 1.87 0.00 | 30.33 2.04 0.00 | 28.41 1.98 0.00 | 24.86 1.74 0.00 | 24.77 1.75 0.00 | 24.75 1.79 0.00 | 24.77 1.77 0.00 | 25.75 1.82 0.00 | 26.23 1.83 0.00 | 27.09 2.03 0.00 | 30.98 2.21 0.00 | 33.78 2.64 0.00 | 36.44 2.70 0.00 | 36.82 2.73 0.00 | 39.05 2.83 0.00 | 33.57 2.51 0.00 | 28.31 1.90 0.00 | 25.07 1.42 0.00 |
| BRADY___115KV_TB2 356060 | 21.31 -0.32 0.00 | 20.65 -0.04 0.00 | 19.20 -0.06 0.00 | 18.93 -0.06 0.00 | 19.93 -0.02 0.00 | 21.53 -0.13 0.00 | 26.51 -0.24 0.00 | 28.09 -0.20 0.00 | 26.11 -0.32 0.00 | 22.82 -0.30 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.56 -0.44 0.00 | 23.55 -0.38 0.00 | 24.06 -0.34 0.00 | 24.69 -0.38 0.00 | 28.33 -0.43 0.00 | 30.57 -0.56 0.00 | 33.37 -0.37 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.59 -0.47 0.00 | 26.12 -0.29 0.00 | 23.48 -0.17 0.00 |
| BRANSCOMB___SOLAR 323811 | 22.52 0.89 0.00 | 21.54 0.85 0.00 | 19.97 0.71 0.00 | 19.72 0.74 0.00 | 20.75 0.80 0.00 | 22.59 0.93 0.00 | 28.11 1.36 0.00 | 29.57 1.27 0.00 | 27.54 1.11 0.00 | 24.00 0.88 0.00 | 23.78 0.76 0.00 | 23.74 0.78 0.00 | 23.75 0.76 0.00 | 24.62 0.69 0.00 | 25.20 0.80 0.00 | 26.04 0.98 0.00 | 29.94 1.18 0.00 | 32.59 1.46 0.00 | 35.39 1.65 0.00 | 35.86 1.77 0.00 | 38.07 1.85 0.00 | 32.67 1.61 0.00 | 27.60 1.19 0.00 | 24.62 0.97 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 27.10 2.25 -3.21 | 26.87 1.86 -4.32 | 26.77 1.69 -5.82 | 22.49 1.69 -1.81 | 26.82 1.74 -5.14 | 27.35 2.08 -3.62 | 30.98 3.02 -1.21 | 31.74 3.23 -0.22 | 29.25 2.83 0.00 | 27.34 2.68 -1.53 | 31.14 2.72 -5.40 | 31.45 2.75 -5.74 | 30.62 2.69 -4.93 | 30.99 2.78 -4.29 | 31.21 2.83 -3.98 | 32.21 3.06 -4.09 | 36.36 3.39 -4.21 | 44.00 3.95 -8.92 | 46.92 4.18 -8.99 | 45.92 4.19 -7.63 | 47.22 4.38 -6.62 | 40.44 3.85 -5.53 | 31.76 3.06 -2.29 | 31.07 2.41 -5.01 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BRISTLHL_115KV_TB1 79998 | 21.44 -0.19 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.70 -0.28 0.00 | 19.67 -0.28 0.00 | 21.44 -0.22 0.00 | 26.45 -0.29 0.00 | 28.01 -0.28 0.00 | 26.16 -0.26 0.00 | 22.92 -0.21 0.00 | 22.81 -0.21 0.00 | 22.75 -0.21 0.00 | 22.81 -0.18 0.00 | 23.76 -0.17 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.48 -0.29 0.00 | 30.76 -0.37 0.00 | 33.27 -0.47 0.00 | 33.65 -0.44 0.00 | 35.71 -0.51 0.00 | 30.65 -0.40 0.00 | 26.20 -0.21 0.00 | 23.53 -0.12 0.00 |
| BROOKHAVEN___DRP 24191 | 26.98 2.10 -3.24 | 26.77 1.72 -4.36 | 26.67 1.54 -5.88 | 22.37 1.56 -1.83 | 26.74 1.60 -5.19 | 27.26 1.95 -3.65 | 36.47 3.02 -6.70 | 32.73 3.23 -1.21 | 28.91 2.48 0.00 | 27.03 2.36 -1.54 | 30.85 2.37 -5.46 | 31.21 2.46 -5.80 | 30.35 2.37 -4.98 | 30.75 2.49 -4.33 | 30.95 2.54 -4.02 | 31.99 2.81 -4.13 | 36.35 3.34 -4.25 | 44.50 3.86 -9.51 | 46.72 4.08 -8.90 | 45.68 4.06 -7.53 | 47.05 4.27 -6.55 | 40.38 3.76 -5.56 | 31.63 2.91 -2.31 | 30.94 2.22 -5.07 |
| BROOKLYN_NAVY_YARD 23515 | 23.02 1.39 0.00 | 21.74 1.05 0.00 | 20.22 0.96 0.00 | 19.97 0.99 0.00 | 20.93 0.98 0.00 | 22.91 1.26 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.18 2.06 0.00 | 25.14 2.12 0.00 | 25.11 2.16 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.65 2.24 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.34 3.21 -0.01 | 36.95 3.21 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.04 2.98 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 25.57 1.97 -1.96 | 24.92 1.59 -2.64 | 24.24 1.42 -3.56 | 21.54 1.44 -1.11 | 24.55 1.46 -3.14 | 25.65 1.78 -2.21 | 29.42 2.67 0.00 | 31.21 2.91 0.00 | 29.15 2.72 0.00 | 26.54 2.47 -0.94 | 28.83 2.51 -3.30 | 29.01 2.55 -3.51 | 28.52 2.51 -3.02 | 29.21 2.61 -2.67 | 29.72 2.63 -2.69 | 30.69 2.88 -2.75 | 37.67 3.16 -5.74 | 47.77 3.64 -13.00 | 49.86 3.78 -12.35 | 49.20 3.78 -11.32 | 49.25 3.95 -9.09 | 42.13 3.51 -7.56 | 30.56 2.75 -1.40 | 28.84 2.13 -3.07 |
| BROOME_2_LFGE 323671 | 22.03 0.39 0.00 | 20.96 0.27 0.00 | 19.53 0.27 0.00 | 19.21 0.23 0.00 | 20.21 0.26 0.00 | 22.09 0.43 0.00 | 27.36 0.62 0.00 | 28.97 0.68 0.00 | 27.11 0.69 0.00 | 23.77 0.65 0.00 | 23.69 0.67 0.00 | 23.60 0.64 0.00 | 23.69 0.69 0.00 | 24.67 0.74 0.00 | 25.08 0.68 0.00 | 25.74 0.68 0.00 | 29.51 0.75 0.00 | 31.85 0.72 0.00 | 34.48 0.74 0.00 | 34.81 0.72 0.00 | 36.94 0.72 0.00 | 31.74 0.68 0.00 | 27.18 0.77 0.00 | 24.33 0.69 0.00 |
| BROOME___LFGE 323600 | 22.03 0.39 0.00 | 20.96 0.27 0.00 | 19.53 0.27 0.00 | 19.21 0.23 0.00 | 20.21 0.26 0.00 | 22.09 0.43 0.00 | 27.36 0.62 0.00 | 28.97 0.68 0.00 | 27.11 0.69 0.00 | 23.77 0.65 0.00 | 23.69 0.67 0.00 | 23.60 0.64 0.00 | 23.69 0.69 0.00 | 24.67 0.74 0.00 | 25.08 0.68 0.00 | 25.74 0.68 0.00 | 29.51 0.75 0.00 | 31.85 0.72 0.00 | 34.48 0.74 0.00 | 34.81 0.72 0.00 | 36.94 0.72 0.00 | 31.74 0.68 0.00 | 27.18 0.77 0.00 | 24.33 0.69 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 21.38 -0.26 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.53 -0.13 0.00 | 26.61 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.45 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 23.32 1.69 0.00 | 21.95 1.26 0.00 | 20.37 1.12 0.00 | 20.12 1.14 0.00 | 21.09 1.14 0.00 | 23.07 1.41 0.00 | 29.08 2.33 0.00 | 30.92 2.63 0.00 | 29.02 2.59 0.00 | 25.37 2.24 0.00 | 25.32 2.30 0.00 | 25.32 2.36 0.00 | 25.30 2.30 0.00 | 26.30 2.37 0.00 | 26.84 2.44 0.00 | 27.80 2.71 -0.03 | 31.73 2.96 0.00 | 34.62 3.49 -0.01 | 37.32 3.58 0.00 | 37.64 3.55 0.00 | 39.91 3.69 0.00 | 34.35 3.29 0.00 | 28.87 2.46 0.00 | 25.44 1.80 0.00 |
| BURROWS___LYONSDAL 23803 | 22.00 0.37 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.12 0.13 0.00 | 20.13 0.18 0.00 | 22.07 0.41 0.00 | 27.39 0.64 0.00 | 28.97 0.68 0.00 | 26.95 0.53 0.00 | 23.54 0.42 0.00 | 23.34 0.32 0.00 | 23.25 0.30 0.00 | 23.30 0.30 0.00 | 24.19 0.26 0.00 | 24.69 0.29 0.00 | 25.36 0.30 0.00 | 29.22 0.46 0.00 | 31.78 0.65 0.00 | 34.55 0.81 0.00 | 34.98 0.89 0.00 | 37.23 1.01 0.00 | 31.83 0.78 0.00 | 27.07 0.66 0.00 | 24.24 0.59 0.00 |
| CAITHNESS_CC_1 323624 | 26.91 2.03 -3.25 | 26.77 1.72 -4.36 | 26.72 1.58 -5.88 | 22.41 1.59 -1.83 | 26.76 1.62 -5.19 | 27.28 1.97 -3.66 | 36.42 3.02 -6.65 | 32.70 3.20 -1.21 | 28.99 2.56 0.00 | 27.10 2.43 -1.54 | 30.94 2.46 -5.46 | 31.21 2.46 -5.80 | 30.42 2.44 -4.99 | 30.80 2.54 -4.34 | 31.01 2.58 -4.02 | 32.04 2.86 -4.13 | 36.32 3.31 -4.25 | 44.46 3.83 -9.50 | 46.62 3.98 -8.90 | 45.64 4.02 -7.53 | 46.97 4.20 -6.55 | 40.31 3.69 -5.56 | 31.63 2.91 -2.31 | 31.06 2.34 -5.07 |
| CALPINE BETH_PAGE_GT4 24209 | 26.52 2.12 -2.77 | 26.14 1.74 -3.72 | 25.85 1.58 -5.01 | 22.12 1.58 -1.56 | 25.99 1.62 -4.43 | 26.70 1.93 -3.12 | 29.58 2.84 0.00 | 31.38 3.08 0.00 | 29.23 2.80 0.00 | 27.03 2.59 -1.32 | 30.30 2.62 -4.65 | 30.56 2.66 -4.94 | 29.87 2.62 -4.25 | 30.34 2.70 -3.71 | 30.60 2.68 -3.52 | 31.58 2.91 -3.61 | 36.59 3.08 -4.75 | 44.98 3.55 -10.30 | 47.65 3.71 -10.20 | 46.78 3.72 -8.97 | 47.60 3.88 -7.51 | 40.79 3.48 -6.25 | 31.23 2.85 -1.97 | 30.26 2.29 -4.32 |
| CALPINE_BETH_PAGE_GT_4 323586 | 26.41 2.01 -2.77 | 26.12 1.72 -3.72 | 25.85 1.58 -5.01 | 22.12 1.57 -1.56 | 25.99 1.62 -4.43 | 26.72 1.95 -3.12 | 29.59 2.83 -0.01 | 31.39 3.08 -0.01 | 29.23 2.80 0.00 | 27.03 2.59 -1.32 | 30.29 2.62 -4.65 | 30.54 2.64 -4.94 | 29.87 2.62 -4.25 | 30.34 2.70 -3.71 | 30.68 2.76 -3.53 | 31.58 2.91 -3.61 | 36.59 3.08 -4.75 | 44.98 3.55 -10.30 | 47.62 3.68 -10.20 | 46.78 3.72 -8.97 | 47.64 3.91 -7.51 | 40.76 3.45 -6.25 | 31.21 2.83 -1.97 | 30.26 2.29 -4.32 |
| CALPINE_BP_GT1 23823 | 26.41 2.01 -2.77 | 26.12 1.72 -3.72 | 25.85 1.58 -5.01 | 22.12 1.57 -1.56 | 25.99 1.62 -4.43 | 26.72 1.95 -3.12 | 29.59 2.83 -0.01 | 31.39 3.08 -0.01 | 29.23 2.80 0.00 | 27.03 2.59 -1.32 | 30.29 2.62 -4.65 | 30.54 2.64 -4.94 | 29.87 2.62 -4.25 | 30.34 2.70 -3.71 | 30.68 2.76 -3.53 | 31.58 2.91 -3.61 | 36.59 3.08 -4.75 | 44.98 3.55 -10.30 | 47.62 3.68 -10.20 | 46.78 3.72 -8.97 | 47.64 3.91 -7.51 | 40.76 3.45 -6.25 | 31.21 2.83 -1.97 | 30.26 2.29 -4.32 |
| CALSPAN___DRP 24200 | 21.74 0.11 0.00 | 20.52 -0.17 0.00 | 19.37 0.12 0.00 | 18.89 -0.09 0.00 | 19.89 -0.06 0.00 | 21.96 0.30 0.00 | 26.86 0.11 0.00 | 28.43 0.14 0.00 | 26.87 0.45 0.00 | 23.66 0.53 0.00 | 23.94 0.92 0.00 | 23.71 0.76 0.00 | 23.85 0.85 0.00 | 24.98 1.05 0.00 | 25.18 0.78 0.00 | 25.49 0.43 0.00 | 29.02 0.26 0.00 | 30.79 -0.34 -0.01 | 32.90 -0.84 -0.01 | 33.93 -0.17 -0.01 | 36.05 -0.18 -0.01 | 30.96 -0.09 0.00 | 27.12 0.71 0.00 | 24.62 0.97 0.00 |

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| CALVERTON___SOLAR 323806 | 26.87 1.99 -3.24 | 26.72 1.67 -4.36 | 26.67 1.54 -5.88 | 22.37 1.56 -1.83 | 26.72 1.58 -5.19 | 27.26 1.95 -3.65 | 36.53 3.05 -6.73 | 32.74 3.22 -1.22 | 28.83 2.40 0.00 | 26.96 2.29 -1.54 | 30.80 2.32 -5.46 | 31.12 2.36 -5.80 | 30.33 2.35 -4.98 | 30.73 2.47 -4.33 | 30.93 2.51 -4.02 | 31.99 2.81 -4.13 | 36.38 3.36 -4.25 | 44.54 3.89 -9.51 | 46.69 4.05 -8.90 | 45.71 4.09 -7.53 | 47.08 4.31 -6.55 | 40.41 3.79 -5.56 | 31.63 2.91 -2.31 | 31.03 2.32 -5.07 |
| CANDIGU_WT_PWR 323617 | 21.46 -0.17 0.00 | 20.34 -0.35 0.00 | 19.08 -0.17 0.00 | 18.64 -0.34 0.00 | 19.71 -0.24 0.00 | 21.77 0.11 0.00 | 26.80 0.05 0.00 | 28.49 0.20 0.00 | 26.85 0.42 0.00 | 23.66 0.53 0.00 | 23.85 0.83 0.00 | 23.67 0.71 0.00 | 23.78 0.78 0.00 | 24.89 0.96 0.00 | 25.13 0.73 0.00 | 25.49 0.43 0.00 | 29.22 0.46 0.00 | 31.04 -0.09 0.00 | 33.74 0.00 0.00 | 34.44 0.34 0.00 | 36.58 0.36 0.00 | 31.52 0.47 0.00 | 27.39 0.98 0.00 | 24.59 0.95 0.00 |
| CARR STREET_E_SYR 24060 | 21.55 -0.09 0.00 | 20.54 -0.14 0.00 | 19.14 -0.11 0.00 | 18.83 -0.15 0.00 | 19.81 -0.14 0.00 | 21.61 -0.04 0.00 | 26.67 -0.08 0.00 | 28.32 0.03 0.00 | 26.48 0.05 0.00 | 23.22 0.09 0.00 | 23.11 0.09 0.00 | 23.05 0.09 0.00 | 23.11 0.12 0.00 | 24.07 0.14 0.00 | 24.52 0.12 0.00 | 25.06 0.00 0.00 | 28.76 0.00 0.00 | 31.04 -0.09 0.00 | 33.61 -0.13 0.00 | 33.96 -0.14 0.00 | 36.00 -0.22 0.00 | 30.93 -0.12 0.00 | 26.44 0.03 0.00 | 23.72 0.07 0.00 |
| CARTHAGE___PAPER 23857 | 21.59 -0.04 0.00 | 20.50 -0.19 0.00 | 19.08 -0.17 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.74 0.09 0.00 | 26.96 0.21 0.00 | 28.49 0.20 0.00 | 26.45 0.03 0.00 | 23.06 -0.07 0.00 | 22.83 -0.18 0.00 | 22.70 -0.25 0.00 | 22.72 -0.27 0.00 | 23.64 -0.29 0.00 | 24.13 -0.27 0.00 | 24.79 -0.28 0.00 | 28.50 -0.26 0.00 | 31.04 -0.09 0.00 | 33.91 0.17 0.00 | 34.40 0.31 0.00 | 36.76 0.54 0.00 | 31.34 0.28 0.00 | 26.65 0.24 0.00 | 23.86 0.21 0.00 |
| CASSADAGA_WT_PWR 323784 | 21.70 0.07 0.00 | 20.58 -0.10 0.00 | 19.43 0.17 0.00 | 18.93 -0.06 0.00 | 19.97 0.02 0.00 | 22.09 0.43 0.00 | 27.12 0.37 0.00 | 28.91 0.62 0.00 | 27.48 1.06 0.00 | 24.30 1.18 0.00 | 24.68 1.66 0.00 | 24.47 1.51 0.00 | 24.63 1.63 0.00 | 25.87 1.94 0.00 | 26.06 1.66 0.00 | 26.39 1.33 0.00 | 30.23 1.47 0.00 | 31.91 0.78 0.00 | 34.55 0.81 0.00 | 35.19 1.09 0.00 | 37.31 1.09 0.00 | 32.11 1.06 0.00 | 28.18 1.77 0.00 | 25.33 1.68 0.00 |
| CE_DUNWOOD___DRP 24194 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.75 2.01 0.00 | 30.50 2.21 0.00 | 28.57 2.14 0.00 | 25.00 1.87 0.00 | 24.91 1.89 0.00 | 24.91 1.95 0.00 | 24.90 1.91 0.00 | 25.89 1.96 0.00 | 26.37 1.98 0.00 | 27.29 2.23 0.01 | 31.24 2.47 0.00 | 34.03 2.90 0.00 | 36.74 3.00 0.00 | 37.06 2.97 0.00 | 39.33 3.11 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| CE_MILLWOOD___DRP 24193 | 23.06 1.43 0.00 | 21.76 1.08 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.93 0.98 0.00 | 22.89 1.23 0.00 | 28.70 1.95 0.00 | 30.44 2.15 0.00 | 28.49 2.06 0.00 | 24.93 1.80 0.00 | 24.86 1.84 0.00 | 24.82 1.86 0.00 | 24.84 1.84 0.00 | 25.82 1.89 0.00 | 26.33 1.93 0.00 | 27.21 2.16 0.00 | 31.15 2.39 0.00 | 33.93 2.80 0.00 | 36.64 2.90 0.00 | 36.99 2.90 0.00 | 39.23 3.01 0.00 | 33.73 2.67 0.00 | 28.42 2.01 0.00 | 25.14 1.49 0.00 |
| CE_NYC2_DRP 24202 | 23.19 1.56 0.00 | 21.81 1.12 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.89 1.23 0.00 | 28.81 2.06 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.18 2.06 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.13 2.20 0.00 | 26.69 2.29 0.00 | 27.60 2.51 -0.03 | 31.47 2.70 0.00 | 34.38 3.24 -0.01 | 37.01 3.27 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 34.04 2.98 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| CE_NYC_DRP 24195 | 23.19 1.56 0.00 | 21.85 1.16 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.94 2.19 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.18 2.18 0.00 | 26.18 2.25 0.00 | 26.69 2.29 0.00 | 27.62 2.53 -0.03 | 31.55 2.79 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.66 3.44 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| CHAFFEE___LFGE 323603 | 21.77 0.13 0.00 | 20.67 -0.02 0.00 | 19.45 0.19 0.00 | 18.94 -0.04 0.00 | 19.97 0.02 0.00 | 22.05 0.39 0.00 | 26.96 0.21 0.00 | 28.55 0.25 0.00 | 26.98 0.56 0.00 | 23.77 0.65 0.00 | 24.06 1.04 0.00 | 23.81 0.85 0.00 | 23.92 0.92 0.00 | 25.10 1.17 0.00 | 25.30 0.90 0.00 | 25.61 0.55 0.00 | 29.39 0.63 0.00 | 30.98 -0.15 0.00 | 33.51 -0.23 -0.01 | 34.13 0.03 -0.01 | 36.19 -0.04 -0.01 | 31.18 0.12 0.00 | 27.33 0.92 0.00 | 24.69 1.04 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 20.94 -0.69 0.00 | 20.29 -0.39 0.00 | 18.89 -0.37 0.00 | 18.70 -0.28 0.00 | 19.73 -0.22 0.00 | 21.38 -0.28 0.00 | 26.32 -0.43 0.00 | 28.07 -0.23 0.00 | 26.16 -0.26 0.00 | 22.85 -0.28 0.00 | 22.79 -0.23 0.00 | 22.68 -0.28 0.00 | 22.77 -0.23 0.00 | 23.86 -0.07 0.00 | 24.28 -0.12 0.00 | 24.99 -0.08 0.00 | 28.82 0.06 0.00 | 31.07 -0.06 0.00 | 33.98 0.24 0.00 | 34.37 0.27 0.00 | 36.69 0.47 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| CHATEAUG_WT_PWR 323614 | 21.01 -0.63 0.00 | 20.23 -0.46 0.00 | 18.83 -0.42 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.35 -0.30 0.00 | 26.32 -0.43 0.00 | 28.10 -0.20 0.00 | 26.21 -0.21 0.00 | 22.89 -0.23 0.00 | 22.86 -0.16 0.00 | 22.75 -0.21 0.00 | 22.84 -0.16 0.00 | 23.90 -0.02 0.00 | 24.30 -0.10 0.00 | 25.04 -0.03 0.00 | 28.88 0.12 0.00 | 31.13 0.00 0.00 | 34.04 0.30 0.00 | 34.43 0.34 0.00 | 36.66 0.44 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 20.94 -0.69 0.00 | 20.29 -0.39 0.00 | 18.89 -0.37 0.00 | 18.70 -0.28 0.00 | 19.73 -0.22 0.00 | 21.38 -0.28 0.00 | 26.32 -0.43 0.00 | 28.07 -0.23 0.00 | 26.16 -0.26 0.00 | 22.85 -0.28 0.00 | 22.79 -0.23 0.00 | 22.68 -0.28 0.00 | 22.77 -0.23 0.00 | 23.86 -0.07 0.00 | 24.28 -0.12 0.00 | 24.99 -0.08 0.00 | 28.82 0.06 0.00 | 31.07 -0.06 0.00 | 33.98 0.24 0.00 | 34.37 0.27 0.00 | 36.69 0.47 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| CHAUTAUQUA___LFGE 323629 | 21.77 0.13 0.00 | 20.65 -0.04 0.00 | 19.45 0.19 0.00 | 18.94 -0.04 0.00 | 19.99 0.04 0.00 | 22.07 0.41 0.00 | 27.04 0.29 0.00 | 28.69 0.40 0.00 | 27.19 0.77 0.00 | 23.98 0.86 0.00 | 24.31 1.29 0.00 | 24.08 1.12 0.00 | 24.21 1.22 0.00 | 25.41 1.48 0.00 | 25.59 1.20 0.00 | 25.91 0.85 0.00 | 29.71 0.95 0.00 | 31.35 0.22 0.00 | 33.91 0.17 0.00 | 34.54 0.44 0.00 | 36.66 0.44 0.00 | 31.59 0.53 0.00 | 27.68 1.27 0.00 | 24.95 1.30 0.00 |
| CHERRYST_13_KV_LD 356241 | 23.26 1.62 0.00 | 21.89 1.20 0.00 | 20.32 1.06 0.00 | 20.08 1.10 0.00 | 21.05 1.10 0.00 | 23.02 1.36 0.00 | 29.02 2.27 0.00 | 30.87 2.57 0.00 | 28.96 2.54 0.00 | 25.32 2.20 0.00 | 25.27 2.26 0.00 | 25.27 2.32 0.00 | 25.27 2.28 0.00 | 26.27 2.34 0.00 | 26.79 2.39 0.00 | 27.75 2.66 -0.03 | 31.67 2.91 0.00 | 34.53 3.39 -0.01 | 37.22 3.48 0.00 | 37.54 3.44 0.00 | 39.77 3.55 0.00 | 34.26 3.20 0.00 | 28.79 2.38 0.00 | 25.37 1.73 0.00 |

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| CHESTROR_138KV_BK263 355645 | 22.89 1.25 0.00 | 21.62 0.93 0.00 | 20.07 0.81 0.00 | 19.82 0.84 0.00 | 20.77 0.82 0.00 | 22.72 1.06 0.00 | 28.43 1.69 0.00 | 30.10 1.81 0.00 | 28.20 1.77 0.00 | 24.65 1.53 0.00 | 24.56 1.54 0.00 | 24.52 1.56 0.00 | 24.54 1.54 0.00 | 25.51 1.58 0.00 | 26.01 1.61 0.00 | 26.84 1.78 0.00 | 30.75 1.98 0.00 | 33.47 2.33 0.00 | 36.17 2.43 0.00 | 36.51 2.42 0.00 | 38.72 2.50 0.00 | 33.33 2.27 0.00 | 28.13 1.72 0.00 | 24.90 1.25 0.00 |
| CH_MIDHUDSON___DRP 24192 | 23.28 1.64 0.00 | 21.97 1.28 0.00 | 20.37 1.12 0.00 | 20.10 1.12 0.00 | 21.03 1.08 0.00 | 23.04 1.39 0.00 | 28.83 2.09 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.14 2.08 0.00 | 31.12 2.36 0.00 | 33.96 2.83 0.00 | 36.71 2.97 0.00 | 37.06 2.97 0.00 | 39.30 3.08 0.00 | 33.85 2.80 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| CH_MISC_IPPS 23765 | 23.17 1.54 0.00 | 21.93 1.24 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.09 2.33 0.00 | 33.96 2.83 0.00 | 36.64 2.90 0.00 | 37.03 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| CH_RES_BVR_FALLS 23983 | 21.14 -0.50 0.00 | 20.23 -0.46 0.00 | 18.78 -0.48 0.00 | 18.51 -0.47 0.00 | 19.47 -0.48 0.00 | 21.07 -0.58 0.00 | 26.03 -0.72 0.00 | 27.61 -0.68 0.00 | 25.84 -0.58 0.00 | 22.69 -0.44 0.00 | 22.63 -0.39 0.00 | 22.57 -0.39 0.00 | 22.61 -0.39 0.00 | 23.52 -0.41 0.00 | 24.01 -0.39 0.00 | 24.69 -0.38 0.00 | 28.36 -0.40 0.00 | 30.69 -0.44 0.00 | 33.34 -0.40 0.00 | 33.69 -0.41 0.00 | 35.82 -0.40 0.00 | 30.59 -0.47 0.00 | 26.01 -0.40 0.00 | 23.29 -0.35 0.00 |
| CH_RES_NIAGARA 23895 | 20.81 -0.82 0.00 | 19.67 -1.01 0.00 | 18.64 -0.62 0.00 | 18.09 -0.89 0.00 | 19.11 -0.84 0.00 | 21.01 -0.65 0.00 | 25.54 -1.20 0.00 | 26.96 -1.33 0.00 | 25.47 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.41 -1.35 0.00 | 29.05 -2.05 0.03 | 31.01 -2.70 0.03 | 31.95 -2.11 0.03 | 33.98 -2.21 0.03 | 29.26 -1.80 0.00 | 25.62 -0.79 0.00 | 23.34 -0.31 0.00 |
| CH_RES_SYRACUSE 23985 | 21.66 0.02 0.00 | 20.63 -0.06 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.19 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.77 0.03 0.00 | 34.13 0.03 0.00 | 36.18 -0.04 0.00 | 31.09 0.03 0.00 | 26.60 0.19 0.00 | 23.84 0.19 0.00 |
| CLINTON_WT_PWR 323605 | 21.01 -0.63 0.00 | 20.23 -0.46 0.00 | 18.83 -0.42 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.35 -0.30 0.00 | 26.32 -0.43 0.00 | 28.10 -0.20 0.00 | 26.21 -0.21 0.00 | 22.89 -0.23 0.00 | 22.86 -0.16 0.00 | 22.75 -0.21 0.00 | 22.84 -0.16 0.00 | 23.90 -0.02 0.00 | 24.30 -0.10 0.00 | 25.04 -0.03 0.00 | 28.88 0.12 0.00 | 31.13 0.00 0.00 | 34.04 0.30 0.00 | 34.43 0.34 0.00 | 36.66 0.44 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| CLINTON___LFGE 323618 | 21.14 -0.50 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.66 0.37 0.00 | 26.72 0.29 0.00 | 23.31 0.18 0.00 | 23.27 0.25 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.11 1.02 0.00 | 37.23 1.01 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| COBBLENY_34_KV_TB1 80064 | 21.81 0.17 0.00 | 20.58 -0.10 0.00 | 19.43 0.17 0.00 | 18.94 -0.04 0.00 | 19.95 0.00 0.00 | 22.05 0.39 0.00 | 26.96 0.21 0.00 | 28.55 0.25 0.00 | 26.98 0.55 0.00 | 23.77 0.65 0.00 | 24.05 1.04 0.00 | 23.81 0.85 0.00 | 23.92 0.92 0.00 | 25.08 1.15 0.00 | 25.30 0.90 0.00 | 25.61 0.55 0.00 | 29.19 0.43 0.00 | 30.98 -0.16 0.00 | 33.07 -0.67 0.00 | 34.10 0.00 0.00 | 36.23 0.00 0.00 | 31.12 0.06 0.00 | 27.26 0.85 0.00 | 24.69 1.04 0.00 |
| COFFEEN___115KV_TB3 355620 | 21.74 0.11 0.00 | 20.61 -0.08 0.00 | 19.18 -0.08 0.00 | 18.89 -0.09 0.00 | 19.93 -0.02 0.00 | 21.85 0.19 0.00 | 27.12 0.37 0.00 | 28.63 0.34 0.00 | 26.58 0.16 0.00 | 23.15 0.02 0.00 | 22.93 -0.09 0.00 | 22.80 -0.16 0.00 | 22.84 -0.16 0.00 | 23.74 -0.19 0.00 | 24.28 -0.12 0.00 | 24.91 -0.15 0.00 | 28.62 -0.14 0.00 | 31.26 0.12 0.00 | 34.11 0.37 0.00 | 34.71 0.61 0.00 | 37.09 0.87 0.00 | 31.65 0.59 0.00 | 26.89 0.48 0.00 | 24.07 0.43 0.00 |
| COLDSPRG_115KV_BK1 355956 | 22.35 0.71 0.00 | 21.08 0.39 0.00 | 19.91 0.65 0.00 | 19.40 0.42 0.00 | 20.47 0.52 0.00 | 22.68 1.02 0.00 | 27.87 1.12 0.00 | 29.59 1.30 0.00 | 28.04 1.61 0.00 | 24.72 1.60 0.00 | 25.04 2.03 0.00 | 24.79 1.84 0.00 | 24.93 1.93 0.00 | 26.15 2.23 0.00 | 26.35 1.95 0.00 | 26.69 1.63 0.00 | 30.40 1.64 0.00 | 32.32 1.18 0.00 | 34.52 0.78 0.00 | 35.60 1.50 0.00 | 37.82 1.59 0.00 | 32.42 1.37 0.00 | 28.47 2.06 0.00 | 25.68 2.03 0.00 |
| COLONIE_LFGE___ 323577 | 22.39 0.76 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.63 0.68 0.00 | 22.46 0.80 0.00 | 27.98 1.23 0.00 | 29.48 1.19 0.00 | 27.43 1.00 0.00 | 23.91 0.79 0.00 | 23.73 0.71 0.00 | 23.71 0.76 0.00 | 23.71 0.71 0.00 | 24.60 0.67 0.00 | 25.13 0.73 0.00 | 25.91 0.85 0.00 | 29.80 1.03 0.00 | 32.38 1.25 0.00 | 35.16 1.42 0.00 | 35.56 1.46 0.00 | 37.74 1.52 0.00 | 32.42 1.37 0.00 | 27.33 0.92 0.00 | 24.43 0.78 0.00 |
| COOPERNY_115KV_TB1 80082 | 22.70 1.06 0.00 | 21.45 0.77 0.00 | 19.93 0.67 0.00 | 19.67 0.68 0.00 | 20.65 0.70 0.00 | 22.57 0.91 0.00 | 28.22 1.47 0.00 | 29.88 1.58 0.00 | 27.96 1.53 0.00 | 24.47 1.34 0.00 | 24.35 1.34 0.00 | 24.31 1.35 0.00 | 24.35 1.36 0.00 | 25.32 1.39 0.00 | 25.79 1.39 0.00 | 26.61 1.55 0.00 | 30.49 1.73 0.00 | 33.15 2.02 0.00 | 35.83 2.09 0.00 | 36.17 2.08 0.00 | 38.36 2.14 0.00 | 32.98 1.93 0.00 | 27.92 1.51 0.00 | 24.76 1.11 0.00 |
| COPENHAGEN_WT_PWR 323753 | 21.59 -0.04 0.00 | 20.50 -0.19 0.00 | 19.08 -0.17 0.00 | 18.79 -0.19 0.00 | 19.79 -0.16 0.00 | 21.70 0.04 0.00 | 26.91 0.16 0.00 | 28.44 0.14 0.00 | 26.40 -0.03 0.00 | 23.03 -0.09 0.00 | 22.86 -0.16 0.00 | 22.73 -0.23 0.00 | 22.77 -0.23 0.00 | 23.67 -0.26 0.00 | 24.18 -0.22 0.00 | 24.81 -0.25 0.00 | 28.50 -0.26 0.00 | 31.04 -0.09 0.00 | 33.84 0.10 0.00 | 34.36 0.27 0.00 | 36.69 0.47 0.00 | 31.31 0.25 0.00 | 26.65 0.24 0.00 | 23.86 0.21 0.00 |
| CORNELL_____ 23752 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.56 0.31 0.00 | 19.25 0.27 0.00 | 20.27 0.32 0.00 | 22.16 0.50 0.00 | 27.47 0.72 0.00 | 29.03 0.74 0.00 | 27.09 0.66 0.00 | 23.70 0.58 0.00 | 23.59 0.58 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.55 0.62 0.00 | 25.01 0.61 0.00 | 25.66 0.60 0.00 | 29.48 0.72 0.00 | 32.00 0.87 0.00 | 34.65 0.91 0.00 | 35.08 0.99 0.00 | 37.27 1.05 0.00 | 31.96 0.90 0.00 | 27.39 0.98 0.00 | 24.52 0.87 0.00 |

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| CORONA_69_KV_TB1 355595 | 26.25 2.12 -2.50 | 25.76 1.72 -3.36 | 25.34 1.56 -4.52 | 21.95 1.56 -1.41 | 25.54 1.60 -3.99 | 26.38 1.91 -2.81 | 29.53 2.78 0.00 | 31.32 3.03 0.00 | 29.23 2.80 0.00 | 26.88 2.57 -1.19 | 29.80 2.58 -4.20 | 30.06 2.64 -4.46 | 29.43 2.60 -3.84 | 29.97 2.68 -3.36 | 30.37 2.73 -3.24 | 31.32 2.93 -3.32 | 38.23 3.19 -6.28 | 48.86 3.67 -14.06 | 51.09 3.85 -13.51 | 50.15 3.82 -12.24 | 50.22 4.06 -9.94 | 42.90 3.57 -8.27 | 31.07 2.88 -1.78 | 29.82 2.27 -3.90 |
| CORTLAND_115KV_TB3 80093 | 22.18 0.54 0.00 | 21.06 0.37 0.00 | 19.62 0.37 0.00 | 19.32 0.34 0.00 | 20.35 0.40 0.00 | 22.20 0.54 0.00 | 27.55 0.80 0.00 | 29.25 0.96 0.00 | 27.32 0.90 0.00 | 23.89 0.76 0.00 | 23.73 0.71 0.00 | 23.64 0.69 0.00 | 23.73 0.74 0.00 | 24.67 0.74 0.00 | 25.20 0.81 0.00 | 25.81 0.75 0.00 | 29.65 0.89 0.00 | 32.13 1.00 0.00 | 34.79 1.05 0.00 | 35.18 1.09 0.00 | 37.34 1.12 0.00 | 32.02 0.96 0.00 | 27.33 0.92 0.00 | 24.48 0.83 0.00 |
| COXSACKIE___GT 23611 | 22.63 1.00 0.00 | 21.78 1.10 0.00 | 20.16 0.91 0.00 | 19.95 0.97 0.00 | 20.85 0.90 0.00 | 22.61 0.95 0.00 | 28.03 1.28 0.00 | 29.37 1.07 0.00 | 27.38 0.95 0.00 | 23.70 0.58 0.00 | 23.41 0.39 0.00 | 23.25 0.30 0.00 | 23.32 0.32 0.00 | 24.14 0.21 0.00 | 24.76 0.37 0.00 | 25.41 0.35 0.00 | 29.37 0.60 0.00 | 32.10 0.97 0.00 | 34.95 1.21 0.00 | 35.42 1.33 0.00 | 37.60 1.38 0.00 | 32.39 1.33 0.00 | 27.28 0.87 0.00 | 24.36 0.71 0.00 |
| CPV_VALLEY___CC1 323721 | 22.65 1.02 0.00 | 21.47 0.79 0.00 | 19.97 0.71 0.00 | 19.70 0.72 0.00 | 20.65 0.70 0.00 | 22.59 0.93 0.00 | 28.27 1.52 0.00 | 29.93 1.64 0.00 | 28.04 1.61 0.00 | 24.51 1.39 0.00 | 24.42 1.40 0.00 | 24.38 1.42 0.00 | 24.40 1.40 0.00 | 25.36 1.44 0.00 | 25.86 1.46 0.00 | 26.69 1.63 0.00 | 30.55 1.78 0.00 | 33.25 2.12 0.00 | 35.90 2.16 0.00 | 36.28 2.18 0.00 | 38.47 2.25 0.00 | 33.08 2.02 0.00 | 27.94 1.53 0.00 | 24.76 1.11 0.00 |
| CPV_VALLEY___CC2 323722 | 22.65 1.02 0.00 | 21.47 0.79 0.00 | 19.97 0.71 0.00 | 19.70 0.72 0.00 | 20.65 0.70 0.00 | 22.59 0.93 0.00 | 28.27 1.52 0.00 | 29.93 1.64 0.00 | 28.04 1.61 0.00 | 24.51 1.39 0.00 | 24.42 1.40 0.00 | 24.38 1.42 0.00 | 24.40 1.40 0.00 | 25.36 1.44 0.00 | 25.86 1.46 0.00 | 26.69 1.63 0.00 | 30.55 1.78 0.00 | 33.25 2.12 0.00 | 35.90 2.16 0.00 | 36.28 2.18 0.00 | 38.47 2.25 0.00 | 33.08 2.02 0.00 | 27.94 1.53 0.00 | 24.76 1.11 0.00 |
| CRESCENT___HYD 24018 | 22.39 0.76 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.63 0.68 0.00 | 22.46 0.80 0.00 | 27.98 1.23 0.00 | 29.48 1.19 0.00 | 27.43 1.00 0.00 | 23.91 0.79 0.00 | 23.73 0.71 0.00 | 23.71 0.76 0.00 | 23.71 0.71 0.00 | 24.60 0.67 0.00 | 25.13 0.73 0.00 | 25.91 0.85 0.00 | 29.80 1.03 0.00 | 32.38 1.25 0.00 | 35.16 1.42 0.00 | 35.56 1.46 0.00 | 37.74 1.52 0.00 | 32.42 1.37 0.00 | 27.33 0.92 0.00 | 24.43 0.78 0.00 |
| CRICKET___VALLEY_CC1 323756 | 22.67 1.04 0.00 | 21.56 0.87 0.00 | 20.07 0.81 0.00 | 19.82 0.83 0.00 | 20.79 0.84 0.00 | 22.70 1.04 0.00 | 28.38 1.63 0.00 | 29.99 1.70 0.00 | 27.96 1.53 0.00 | 24.40 1.27 0.00 | 24.26 1.24 0.00 | 24.24 1.28 0.00 | 24.24 1.24 0.00 | 25.20 1.27 0.00 | 25.69 1.29 0.00 | 26.54 1.48 0.00 | 30.46 1.70 0.00 | 33.15 2.02 0.00 | 35.87 2.13 0.00 | 36.28 2.18 0.00 | 38.50 2.28 0.00 | 33.08 2.02 0.00 | 27.84 1.43 0.00 | 24.71 1.07 0.00 |
| CRICKET___VALLEY_CC2 323757 | 22.67 1.04 0.00 | 21.56 0.87 0.00 | 20.07 0.81 0.00 | 19.82 0.83 0.00 | 20.79 0.84 0.00 | 22.70 1.04 0.00 | 28.38 1.63 0.00 | 29.99 1.70 0.00 | 27.96 1.53 0.00 | 24.40 1.27 0.00 | 24.26 1.24 0.00 | 24.24 1.28 0.00 | 24.24 1.24 0.00 | 25.20 1.27 0.00 | 25.69 1.29 0.00 | 26.54 1.48 0.00 | 30.46 1.70 0.00 | 33.15 2.02 0.00 | 35.87 2.13 0.00 | 36.28 2.18 0.00 | 38.50 2.28 0.00 | 33.08 2.02 0.00 | 27.84 1.43 0.00 | 24.71 1.07 0.00 |
| CRICKET___VALLEY_CC3 323758 | 22.67 1.04 0.00 | 21.56 0.87 0.00 | 20.07 0.81 0.00 | 19.82 0.83 0.00 | 20.79 0.84 0.00 | 22.70 1.04 0.00 | 28.38 1.63 0.00 | 29.99 1.70 0.00 | 27.96 1.53 0.00 | 24.40 1.27 0.00 | 24.26 1.24 0.00 | 24.24 1.28 0.00 | 24.24 1.24 0.00 | 25.20 1.27 0.00 | 25.69 1.29 0.00 | 26.54 1.48 0.00 | 30.46 1.70 0.00 | 33.15 2.02 0.00 | 35.87 2.13 0.00 | 36.28 2.18 0.00 | 38.50 2.28 0.00 | 33.08 2.02 0.00 | 27.84 1.43 0.00 | 24.71 1.07 0.00 |
| CRUCIBLE_METL_DRP 24180 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |
| DAHOWA___HYDRO 323763 | 22.54 0.91 0.00 | 21.56 0.87 0.00 | 19.97 0.71 0.00 | 19.72 0.74 0.00 | 20.75 0.80 0.00 | 22.61 0.95 0.00 | 28.14 1.39 0.00 | 29.62 1.33 0.00 | 27.59 1.16 0.00 | 24.03 0.90 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.78 0.78 0.00 | 24.65 0.72 0.00 | 25.23 0.83 0.00 | 26.06 1.00 0.00 | 30.00 1.24 0.00 | 32.66 1.53 0.00 | 35.46 1.72 0.00 | 35.93 1.84 0.00 | 38.14 1.92 0.00 | 32.73 1.68 0.00 | 27.65 1.24 0.00 | 24.66 1.02 0.00 |
| DANC___LFGE 323619 | 21.49 -0.15 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.74 -0.25 0.00 | 19.73 -0.22 0.00 | 21.59 -0.06 0.00 | 26.70 -0.05 0.00 | 28.24 -0.06 0.00 | 26.27 -0.16 0.00 | 22.96 -0.16 0.00 | 22.81 -0.21 0.00 | 22.70 -0.25 0.00 | 22.74 -0.25 0.00 | 23.67 -0.26 0.00 | 24.15 -0.24 0.00 | 24.76 -0.30 0.00 | 28.42 -0.34 0.00 | 30.85 -0.28 0.00 | 33.57 -0.17 0.00 | 34.02 -0.07 0.00 | 36.29 0.07 0.00 | 31.06 0.00 0.00 | 26.44 0.03 0.00 | 23.69 0.05 0.00 |
| DANSKAMMER___1 23586 | 23.17 1.54 0.00 | 21.93 1.24 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.09 2.33 0.00 | 33.96 2.83 0.00 | 36.64 2.90 0.00 | 37.03 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| DANSKAMMER___2 23589 | 23.17 1.54 0.00 | 21.93 1.24 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.09 2.33 0.00 | 33.96 2.83 0.00 | 36.64 2.90 0.00 | 37.03 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| DANSKAMMER___3 23590 | 23.17 1.54 0.00 | 21.93 1.24 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.09 2.33 0.00 | 33.96 2.83 0.00 | 36.64 2.90 0.00 | 37.03 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |

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| DANSKAMMER___4 23591 | 23.17 1.54 0.00 | 21.93 1.24 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.37 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.72 1.77 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.09 2.33 0.00 | 33.96 2.83 0.00 | 36.64 2.90 0.00 | 37.03 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| DANSKAMMER___DIESEL 23592 | 23.26 1.62 0.00 | 21.95 1.26 0.00 | 20.35 1.10 0.00 | 20.08 1.10 0.00 | 21.01 1.06 0.00 | 23.02 1.36 0.00 | 28.81 2.06 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.75 1.79 0.00 | 24.81 1.82 0.00 | 25.77 1.84 0.00 | 26.35 1.95 0.00 | 27.17 2.11 0.00 | 31.12 2.36 0.00 | 33.96 2.83 0.00 | 36.71 2.97 0.00 | 37.02 2.93 0.00 | 39.30 3.08 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| DARBY___SOLAR 323810 | 22.54 0.91 0.00 | 21.54 0.85 0.00 | 19.99 0.73 0.00 | 19.74 0.76 0.00 | 20.75 0.80 0.00 | 22.61 0.95 0.00 | 28.14 1.39 0.00 | 29.62 1.33 0.00 | 27.62 1.19 0.00 | 24.05 0.93 0.00 | 23.85 0.83 0.00 | 23.81 0.85 0.00 | 23.82 0.83 0.00 | 24.69 0.77 0.00 | 25.25 0.85 0.00 | 26.09 1.03 0.00 | 30.03 1.26 0.00 | 32.66 1.53 0.00 | 35.43 1.69 0.00 | 35.90 1.81 0.00 | 38.10 1.88 0.00 | 32.70 1.64 0.00 | 27.63 1.22 0.00 | 24.64 0.99 0.00 |
| DASHVILLE___HYD 23610 | 22.98 1.34 0.00 | 21.68 0.99 0.00 | 20.10 0.85 0.00 | 19.84 0.85 0.00 | 20.77 0.82 0.00 | 22.76 1.10 0.00 | 28.46 1.71 0.00 | 30.13 1.84 0.00 | 28.22 1.80 0.00 | 24.63 1.50 0.00 | 24.54 1.52 0.00 | 24.47 1.52 0.00 | 24.51 1.52 0.00 | 25.51 1.58 0.00 | 26.03 1.63 0.00 | 26.82 1.75 0.00 | 30.72 1.96 0.00 | 33.50 2.37 0.00 | 36.20 2.46 0.00 | 36.51 2.42 0.00 | 38.76 2.54 0.00 | 33.39 2.33 0.00 | 28.10 1.69 0.00 | 24.88 1.23 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 27.04 2.16 -3.24 | 26.81 1.76 -4.36 | 26.71 1.58 -5.88 | 22.41 1.59 -1.83 | 26.78 1.64 -5.19 | 27.33 2.01 -3.65 | 36.68 3.18 -6.75 | 32.91 3.40 -1.22 | 28.96 2.54 0.00 | 27.03 2.36 -1.54 | 30.87 2.39 -5.46 | 31.44 2.69 -5.79 | 30.65 2.67 -4.98 | 31.06 2.80 -4.33 | 31.29 2.88 -4.02 | 32.39 3.21 -4.12 | 36.90 3.88 -4.25 | 45.13 4.48 -9.52 | 47.37 4.72 -8.90 | 46.36 4.74 -7.53 | 47.74 4.96 -6.56 | 40.97 4.35 -5.56 | 32.02 3.30 -2.31 | 31.29 2.58 -5.06 |
| DELAWARE___LFGE 323621 | 22.57 0.93 0.00 | 21.41 0.72 0.00 | 19.91 0.65 0.00 | 19.63 0.65 0.00 | 20.63 0.68 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.68 1.39 0.00 | 27.80 1.37 0.00 | 24.31 1.18 0.00 | 24.17 1.15 0.00 | 24.10 1.15 0.00 | 24.17 1.17 0.00 | 25.10 1.17 0.00 | 25.59 1.20 0.00 | 26.31 1.25 0.00 | 30.17 1.41 0.00 | 32.81 1.68 0.00 | 35.53 1.79 0.00 | 35.83 1.74 0.00 | 38.03 1.81 0.00 | 32.67 1.62 0.00 | 27.76 1.35 0.00 | 24.71 1.06 0.00 |
| DERFIELD_115KV_TB7 355931 | 21.81 0.17 0.00 | 20.79 0.10 0.00 | 19.33 0.08 0.00 | 19.08 0.09 0.00 | 20.03 0.08 0.00 | 21.79 0.13 0.00 | 26.99 0.24 0.00 | 28.52 0.23 0.00 | 26.66 0.24 0.00 | 23.33 0.21 0.00 | 23.20 0.18 0.00 | 23.14 0.18 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.26 0.20 0.00 | 28.99 0.23 0.00 | 31.41 0.28 0.00 | 34.04 0.30 0.00 | 34.40 0.31 0.00 | 36.51 0.29 0.00 | 31.34 0.28 0.00 | 26.62 0.21 0.00 | 23.81 0.17 0.00 |
| DOGLEVILLE___HYD 23807 | 21.87 0.24 0.00 | 20.85 0.16 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.13 0.18 0.00 | 21.92 0.26 0.00 | 27.12 0.37 0.00 | 28.66 0.37 0.00 | 26.80 0.37 0.00 | 23.47 0.35 0.00 | 23.36 0.35 0.00 | 23.30 0.34 0.00 | 23.34 0.35 0.00 | 24.24 0.31 0.00 | 24.74 0.34 0.00 | 25.39 0.32 0.00 | 29.17 0.40 0.00 | 31.63 0.50 0.00 | 34.28 0.54 0.00 | 34.64 0.54 0.00 | 36.80 0.58 0.00 | 31.59 0.53 0.00 | 26.81 0.40 0.00 | 23.95 0.31 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 21.83 0.19 0.00 | 20.61 -0.08 0.00 | 19.45 0.19 0.00 | 18.94 -0.04 0.00 | 19.99 0.04 0.00 | 22.09 0.43 0.00 | 27.04 0.29 0.00 | 28.69 0.40 0.00 | 27.14 0.71 0.00 | 23.93 0.81 0.00 | 24.26 1.24 0.00 | 24.03 1.08 0.00 | 24.15 1.15 0.00 | 25.32 1.39 0.00 | 25.52 1.12 0.00 | 25.84 0.78 0.00 | 29.42 0.66 0.00 | 31.26 0.12 0.00 | 33.41 -0.34 0.00 | 34.44 0.34 0.00 | 36.59 0.36 0.00 | 31.43 0.37 0.00 | 27.52 1.11 0.00 | 24.90 1.25 0.00 |
| DUNKIRK___1 23563 | 21.83 0.19 0.00 | 20.61 -0.08 0.00 | 19.45 0.19 0.00 | 18.94 -0.04 0.00 | 19.99 0.04 0.00 | 22.09 0.43 0.00 | 27.04 0.29 0.00 | 28.69 0.40 0.00 | 27.14 0.71 0.00 | 23.93 0.81 0.00 | 24.26 1.24 0.00 | 24.03 1.08 0.00 | 24.15 1.15 0.00 | 25.32 1.39 0.00 | 25.52 1.12 0.00 | 25.84 0.78 0.00 | 29.42 0.66 0.00 | 31.26 0.12 0.00 | 33.41 -0.34 0.00 | 34.44 0.34 0.00 | 36.59 0.36 0.00 | 31.43 0.37 0.00 | 27.52 1.11 0.00 | 24.90 1.25 0.00 |
| DUNKIRK___2 23564 | 21.83 0.19 0.00 | 20.61 -0.08 0.00 | 19.45 0.19 0.00 | 18.94 -0.04 0.00 | 19.99 0.04 0.00 | 22.09 0.43 0.00 | 27.04 0.29 0.00 | 28.69 0.40 0.00 | 27.14 0.71 0.00 | 23.93 0.81 0.00 | 24.26 1.24 0.00 | 24.03 1.08 0.00 | 24.15 1.15 0.00 | 25.32 1.39 0.00 | 25.52 1.12 0.00 | 25.84 0.78 0.00 | 29.42 0.66 0.00 | 31.26 0.12 0.00 | 33.41 -0.34 0.00 | 34.44 0.34 0.00 | 36.59 0.36 0.00 | 31.43 0.37 0.00 | 27.52 1.11 0.00 | 24.90 1.25 0.00 |
| DUNKIRK___3 23565 | 21.81 0.17 0.00 | 20.61 -0.08 0.00 | 19.43 0.17 0.00 | 18.94 -0.04 0.00 | 19.97 0.02 0.00 | 22.07 0.41 0.00 | 27.02 0.27 0.00 | 28.63 0.34 0.00 | 27.09 0.66 0.00 | 23.87 0.74 0.00 | 24.17 1.15 0.00 | 23.94 0.99 0.00 | 24.05 1.06 0.00 | 25.22 1.29 0.00 | 25.40 1.00 0.00 | 25.74 0.68 0.00 | 29.31 0.55 0.00 | 31.13 0.00 0.00 | 33.27 -0.47 0.00 | 34.30 0.20 0.00 | 36.44 0.22 0.00 | 31.31 0.25 0.00 | 27.41 1.00 0.00 | 24.81 1.16 0.00 |
| DUNKIRK___4 23566 | 21.81 0.17 0.00 | 20.61 -0.08 0.00 | 19.43 0.17 0.00 | 18.94 -0.04 0.00 | 19.97 0.02 0.00 | 22.07 0.41 0.00 | 27.02 0.27 0.00 | 28.63 0.34 0.00 | 27.09 0.66 0.00 | 23.87 0.74 0.00 | 24.17 1.15 0.00 | 23.94 0.99 0.00 | 24.05 1.06 0.00 | 25.22 1.29 0.00 | 25.40 1.00 0.00 | 25.74 0.68 0.00 | 29.31 0.55 0.00 | 31.13 0.00 0.00 | 33.27 -0.47 0.00 | 34.30 0.20 0.00 | 36.44 0.22 0.00 | 31.31 0.25 0.00 | 27.41 1.00 0.00 | 24.81 1.16 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 23.13 1.49 0.00 | 21.83 1.14 0.00 | 20.28 1.02 0.00 | 20.01 1.03 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.83 2.09 0.00 | 30.58 2.29 0.00 | 28.65 2.22 0.00 | 25.07 1.94 0.00 | 25.00 1.98 0.00 | 24.98 2.02 0.00 | 24.97 1.98 0.00 | 25.99 2.06 0.00 | 26.47 2.07 0.00 | 27.39 2.33 0.00 | 31.32 2.56 0.00 | 34.12 2.99 0.00 | 36.84 3.10 0.00 | 37.20 3.10 0.00 | 39.44 3.22 0.00 | 33.92 2.86 0.00 | 28.55 2.14 0.00 | 25.23 1.58 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 23.06 1.43 0.00 | 21.76 1.08 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.62 1.87 0.00 | 30.30 2.01 0.00 | 28.38 1.96 0.00 | 24.79 1.67 0.00 | 24.70 1.68 0.00 | 24.63 1.68 0.00 | 24.68 1.68 0.00 | 25.65 1.72 0.00 | 26.18 1.78 0.00 | 26.99 1.93 0.00 | 30.92 2.16 0.00 | 33.71 2.58 0.00 | 36.44 2.70 0.00 | 36.75 2.66 0.00 | 39.01 2.79 0.00 | 33.57 2.52 0.00 | 28.29 1.88 0.00 | 25.02 1.37 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 23.17 1.54 0.00 | 21.74 1.06 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.85 0.90 0.00 | 22.78 1.13 0.00 | 28.70 1.95 0.00 | 30.53 2.24 0.00 | 28.65 2.22 0.00 | 25.09 1.97 0.00 | 25.02 2.00 0.00 | 25.02 2.07 0.00 | 25.02 2.02 0.00 | 26.01 2.08 0.00 | 26.64 2.24 0.00 | 27.50 2.41 -0.03 | 31.35 2.59 0.00 | 34.25 3.11 -0.01 | 36.88 3.14 0.00 | 37.16 3.07 0.00 | 39.33 3.11 0.00 | 33.92 2.86 0.00 | 28.55 2.14 0.00 | 25.18 1.54 0.00 |
| E179THST_13_KV_LOAD 356214 | 23.26 1.62 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.18 2.06 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.13 2.20 0.00 | 26.76 2.37 0.00 | 27.62 2.53 -0.03 | 31.50 2.73 0.00 | 34.41 3.27 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| EAST HAMPTON___GT 23717 | 26.87 1.99 -3.24 | 26.72 1.67 -4.36 | 26.65 1.52 -5.88 | 22.33 1.52 -1.83 | 26.70 1.56 -5.19 | 27.26 1.95 -3.65 | 36.64 3.13 -6.76 | 32.83 3.31 -1.23 | 28.88 2.46 0.00 | 26.96 2.29 -1.54 | 30.82 2.35 -5.46 | 31.50 2.75 -5.79 | 30.90 2.92 -4.98 | 31.35 3.09 -4.33 | 31.57 3.15 -4.02 | 32.69 3.51 -4.12 | 37.21 4.20 -4.25 | 45.44 4.79 -9.52 | 47.67 5.03 -8.91 | 46.71 5.08 -7.53 | 48.14 5.36 -6.56 | 41.31 4.69 -5.56 | 32.31 3.59 -2.31 | 31.64 2.93 -5.06 |
| EAST RIVER___6 23660 | 23.15 1.51 0.00 | 21.85 1.16 0.00 | 20.32 1.06 0.00 | 20.06 1.08 0.00 | 21.03 1.08 0.00 | 23.02 1.37 0.00 | 29.02 2.27 0.00 | 30.87 2.57 0.00 | 28.99 2.56 0.00 | 25.35 2.22 0.00 | 25.30 2.28 0.00 | 25.30 2.34 0.00 | 25.30 2.30 0.00 | 26.30 2.37 0.00 | 26.82 2.42 -0.01 | 27.77 2.68 -0.03 | 31.67 2.90 0.00 | 34.59 3.46 -0.01 | 37.22 3.48 0.00 | 37.57 3.48 0.00 | 39.84 3.62 0.00 | 34.26 3.20 0.00 | 28.79 2.38 0.00 | 25.37 1.73 0.00 |
| EAST RIVER___7 23524 | 23.15 1.51 0.00 | 21.85 1.16 0.00 | 20.32 1.06 0.00 | 20.06 1.08 0.00 | 21.03 1.08 0.00 | 23.02 1.37 0.00 | 29.02 2.27 0.00 | 30.87 2.57 0.00 | 28.99 2.56 0.00 | 25.35 2.22 0.00 | 25.30 2.28 0.00 | 25.30 2.34 0.00 | 25.30 2.30 0.00 | 26.30 2.37 0.00 | 26.82 2.42 -0.01 | 27.77 2.68 -0.03 | 31.67 2.90 0.00 | 34.59 3.46 -0.01 | 37.22 3.48 0.00 | 37.57 3.48 0.00 | 39.84 3.62 0.00 | 34.26 3.20 0.00 | 28.79 2.38 0.00 | 25.37 1.73 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.75 2.01 0.00 | 30.50 2.21 0.00 | 28.57 2.14 0.00 | 25.00 1.87 0.00 | 24.91 1.89 0.00 | 24.91 1.95 0.00 | 24.90 1.91 0.00 | 25.89 1.96 0.00 | 26.37 1.98 0.00 | 27.29 2.23 0.01 | 31.24 2.47 0.00 | 34.03 2.90 0.00 | 36.74 3.00 0.00 | 37.06 2.97 0.00 | 39.33 3.11 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 26.83 1.95 -3.24 | 26.68 1.63 -4.36 | 26.62 1.48 -5.88 | 22.31 1.50 -1.83 | 26.68 1.54 -5.19 | 27.24 1.93 -3.65 | 36.58 3.07 -6.76 | 32.80 3.28 -1.23 | 28.83 2.40 0.00 | 26.94 2.27 -1.54 | 30.78 2.30 -5.46 | 31.50 2.75 -5.79 | 30.90 2.92 -4.98 | 31.35 3.09 -4.33 | 31.57 3.15 -4.02 | 32.69 3.51 -4.12 | 37.21 4.20 -4.25 | 45.48 4.83 -9.52 | 47.67 5.03 -8.91 | 46.74 5.11 -7.53 | 48.14 5.36 -6.56 | 41.31 4.69 -5.56 | 32.31 3.59 -2.31 | 31.64 2.93 -5.06 |
| EAST_POINT___SOLAR 323840 | 23.21 1.58 0.00 | 22.30 1.61 0.00 | 20.62 1.37 0.00 | 20.33 1.35 0.00 | 21.45 1.50 0.00 | 23.52 1.86 0.00 | 29.42 2.67 0.00 | 30.92 2.63 0.00 | 28.86 2.43 0.00 | 25.00 1.87 0.00 | 24.72 1.70 0.00 | 24.52 1.56 0.00 | 24.61 1.61 0.00 | 25.48 1.55 0.00 | 26.11 1.71 0.00 | 26.99 1.93 0.00 | 31.09 2.33 0.00 | 34.03 2.90 0.00 | 37.05 3.31 0.00 | 37.57 3.48 0.00 | 39.81 3.59 0.00 | 34.10 3.05 0.00 | 29.16 2.75 0.00 | 25.87 2.22 0.00 |
| EAST_PULASKI___ESR 323781 | 21.44 -0.20 0.00 | 20.40 -0.29 0.00 | 19.01 -0.25 0.00 | 18.72 -0.27 0.00 | 19.69 -0.26 0.00 | 21.51 -0.15 0.00 | 26.53 -0.21 0.00 | 28.07 -0.23 0.00 | 26.19 -0.24 0.00 | 22.92 -0.21 0.00 | 22.79 -0.23 0.00 | 22.70 -0.25 0.00 | 22.77 -0.23 0.00 | 23.69 -0.24 0.00 | 24.15 -0.24 0.00 | 24.76 -0.30 0.00 | 28.42 -0.34 0.00 | 30.76 -0.37 0.00 | 33.40 -0.34 0.00 | 33.79 -0.31 0.00 | 35.97 -0.25 0.00 | 30.81 -0.25 0.00 | 26.31 -0.11 0.00 | 23.60 -0.05 0.00 |
| EAST_RIVER___1 323558 | 23.09 1.45 0.00 | 21.80 1.12 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.98 1.32 0.00 | 28.94 2.19 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.18 2.19 0.00 | 26.18 2.25 0.00 | 26.70 2.29 -0.01 | 27.62 2.53 -0.03 | 31.50 2.73 0.00 | 34.41 3.27 -0.01 | 37.05 3.31 0.00 | 37.40 3.31 0.00 | 39.66 3.44 0.00 | 34.10 3.05 0.00 | 28.68 2.27 0.00 | 25.30 1.65 0.00 |
| EAST_RIVER___2 323559 | 23.15 1.51 0.00 | 21.85 1.16 0.00 | 20.32 1.06 0.00 | 20.06 1.08 0.00 | 21.03 1.08 0.00 | 23.02 1.37 0.00 | 29.02 2.27 0.00 | 30.87 2.57 0.00 | 28.99 2.56 0.00 | 25.35 2.22 0.00 | 25.30 2.28 0.00 | 25.30 2.34 0.00 | 25.30 2.30 0.00 | 26.30 2.37 0.00 | 26.82 2.42 -0.01 | 27.77 2.68 -0.03 | 31.67 2.90 0.00 | 34.59 3.46 -0.01 | 37.22 3.48 0.00 | 37.57 3.48 0.00 | 39.84 3.62 0.00 | 34.26 3.20 0.00 | 28.79 2.38 0.00 | 25.37 1.73 0.00 |
| EAST___DELAWARE_HYD 23607 | 22.63 1.00 0.00 | 21.41 0.72 0.00 | 19.87 0.62 0.00 | 19.61 0.63 0.00 | 20.51 0.56 0.00 | 22.50 0.84 0.00 | 28.17 1.42 0.00 | 29.79 1.50 0.00 | 27.93 1.51 0.00 | 24.35 1.22 0.00 | 24.24 1.22 0.00 | 24.15 1.19 0.00 | 24.21 1.22 0.00 | 25.15 1.22 0.00 | 25.71 1.32 0.00 | 26.49 1.43 0.00 | 30.32 1.55 0.00 | 33.15 2.02 0.00 | 35.80 2.06 0.00 | 36.17 2.08 0.00 | 38.39 2.17 0.00 | 33.05 1.99 0.00 | 27.84 1.43 0.00 | 24.62 0.97 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 21.53 -0.11 0.00 | 20.29 -0.39 0.00 | 19.05 -0.21 0.00 | 18.60 -0.38 0.00 | 19.67 -0.28 0.00 | 21.83 0.17 0.00 | 26.99 0.24 0.00 | 28.86 0.57 0.00 | 27.14 0.71 0.00 | 23.96 0.83 0.00 | 24.17 1.15 0.00 | 23.94 0.99 0.00 | 24.05 1.06 0.00 | 25.15 1.22 0.00 | 25.42 1.02 0.00 | 25.71 0.65 0.00 | 29.54 0.78 0.00 | 31.29 0.16 0.00 | 34.15 0.41 0.00 | 34.81 0.72 0.00 | 37.06 0.83 0.00 | 31.96 0.90 0.00 | 27.78 1.37 0.00 | 24.97 1.32 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 21.59 -0.04 0.00 | 20.52 -0.17 0.00 | 19.14 -0.12 0.00 | 18.83 -0.15 0.00 | 19.81 -0.14 0.00 | 21.61 -0.04 0.00 | 26.70 -0.05 0.00 | 28.26 -0.03 0.00 | 26.43 0.00 0.00 | 23.17 0.05 0.00 | 23.07 0.05 0.00 | 23.00 0.05 0.00 | 23.07 0.07 0.00 | 24.02 0.10 0.00 | 24.47 0.07 0.00 | 25.06 0.00 0.00 | 28.73 -0.03 0.00 | 31.04 -0.09 0.00 | 33.54 -0.20 0.00 | 33.96 -0.14 0.00 | 36.04 -0.18 0.00 | 30.93 -0.12 0.00 | 26.46 0.05 0.00 | 23.74 0.09 0.00 |
| ELEC_TRO_TEK 24086 | 25.37 1.97 -1.76 | 24.63 1.57 -2.37 | 23.87 1.42 -3.19 | 21.42 1.44 -1.00 | 24.23 1.46 -2.82 | 25.40 1.75 -1.98 | 29.40 2.65 0.00 | 31.15 2.86 0.00 | 29.07 2.64 0.00 | 26.39 2.43 -0.84 | 28.42 2.44 -2.96 | 28.58 2.48 -3.15 | 28.14 2.44 -2.71 | 28.85 2.51 -2.41 | 29.41 2.54 -2.48 | 30.35 2.76 -2.53 | 37.81 2.99 -6.05 | 48.51 3.46 -13.93 | 50.37 3.61 -13.02 | 49.80 3.58 -12.13 | 49.57 3.77 -9.58 | 42.39 3.35 -7.97 | 30.33 2.67 -1.26 | 28.48 2.08 -2.75 |

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| ELLENBURG_WT_PWR 323604 | 21.01 -0.63 0.00 | 20.23 -0.46 0.00 | 18.83 -0.42 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.35 -0.30 0.00 | 26.32 -0.43 0.00 | 28.10 -0.20 0.00 | 26.21 -0.21 0.00 | 22.89 -0.23 0.00 | 22.86 -0.16 0.00 | 22.75 -0.21 0.00 | 22.84 -0.16 0.00 | 23.90 -0.02 0.00 | 24.30 -0.10 0.00 | 25.04 -0.03 0.00 | 28.88 0.12 0.00 | 31.13 0.00 0.00 | 34.04 0.30 0.00 | 34.43 0.34 0.00 | 36.66 0.44 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 21.55 -0.09 0.00 | 20.36 -0.33 0.00 | 19.22 -0.04 0.00 | 18.72 -0.27 0.00 | 19.73 -0.22 0.00 | 21.77 0.11 0.00 | 26.59 -0.16 0.00 | 28.12 -0.17 0.00 | 26.58 0.16 0.00 | 23.43 0.30 0.00 | 23.69 0.67 0.00 | 23.46 0.51 0.00 | 23.59 0.60 0.00 | 24.72 0.79 0.00 | 24.91 0.51 0.00 | 25.21 0.15 0.00 | 28.68 -0.09 0.00 | 30.45 -0.68 0.00 | 32.53 -1.21 0.00 | 33.52 -0.58 0.00 | 35.61 -0.62 0.00 | 30.62 -0.43 0.00 | 26.81 0.40 0.00 | 24.33 0.69 0.00 |
| EMPIRE_CC_1 323656 | 22.24 0.60 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.55 0.57 0.00 | 20.51 0.56 0.00 | 22.31 0.65 0.00 | 27.76 1.02 0.00 | 29.17 0.88 0.00 | 27.14 0.71 0.00 | 23.73 0.60 0.00 | 23.55 0.53 0.00 | 23.53 0.57 0.00 | 23.53 0.53 0.00 | 24.41 0.48 0.00 | 24.89 0.49 0.00 | 25.66 0.60 0.00 | 29.48 0.72 0.00 | 32.03 0.90 0.00 | 34.72 0.98 0.00 | 35.11 1.02 0.00 | 37.27 1.05 0.00 | 32.05 0.99 0.00 | 26.99 0.58 0.00 | 24.19 0.54 0.00 |
| EMPIRE_CC_2 323658 | 22.24 0.60 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.55 0.57 0.00 | 20.51 0.56 0.00 | 22.31 0.65 0.00 | 27.76 1.02 0.00 | 29.17 0.88 0.00 | 27.14 0.71 0.00 | 23.73 0.60 0.00 | 23.55 0.53 0.00 | 23.53 0.57 0.00 | 23.53 0.53 0.00 | 24.41 0.48 0.00 | 24.89 0.49 0.00 | 25.66 0.60 0.00 | 29.48 0.72 0.00 | 32.03 0.90 0.00 | 34.72 0.98 0.00 | 35.11 1.02 0.00 | 37.27 1.05 0.00 | 32.05 0.99 0.00 | 26.99 0.58 0.00 | 24.19 0.54 0.00 |
| ENORWICH_115KV_TB1 80156 | 23.06 1.43 0.00 | 21.85 1.16 0.00 | 20.30 1.04 0.00 | 19.99 1.01 0.00 | 21.09 1.14 0.00 | 23.15 1.49 0.00 | 28.92 2.17 0.00 | 31.72 3.42 0.00 | 29.78 3.36 0.00 | 26.02 2.89 0.00 | 25.67 2.65 0.00 | 25.69 2.73 0.00 | 25.92 2.92 0.00 | 26.82 2.90 0.00 | 27.47 3.07 0.00 | 28.27 3.21 0.00 | 32.47 3.71 0.00 | 33.87 2.74 0.00 | 36.84 3.10 0.00 | 37.33 3.24 0.00 | 39.66 3.44 0.00 | 33.92 2.86 0.00 | 29.03 2.61 0.00 | 25.92 2.27 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 22.05 0.41 0.00 | 20.79 0.10 0.00 | 19.60 0.35 0.00 | 19.12 0.13 0.00 | 20.15 0.20 0.00 | 22.29 0.63 0.00 | 27.28 0.53 0.00 | 28.86 0.57 0.00 | 27.30 0.87 0.00 | 24.03 0.90 0.00 | 24.33 1.31 0.00 | 24.08 1.12 0.00 | 24.19 1.20 0.00 | 25.36 1.44 0.00 | 25.57 1.17 0.00 | 25.91 0.85 0.00 | 29.51 0.75 0.00 | 31.35 0.22 -0.01 | 33.48 -0.27 -0.01 | 34.51 0.41 -0.01 | 36.62 0.40 -0.01 | 31.43 0.37 0.00 | 27.55 1.14 0.00 | 24.97 1.32 0.00 |
| ERIE_WT_PWR 323693 | 21.72 0.09 0.00 | 20.61 -0.08 0.00 | 19.41 0.15 0.00 | 18.89 -0.09 0.00 | 19.93 -0.02 0.00 | 21.98 0.33 0.00 | 26.88 0.13 0.00 | 28.46 0.17 0.00 | 26.90 0.48 0.00 | 23.68 0.55 0.00 | 23.96 0.94 0.00 | 23.74 0.78 0.00 | 23.85 0.85 0.00 | 25.03 1.10 0.00 | 25.20 0.80 0.00 | 25.51 0.45 0.00 | 29.25 0.49 0.00 | 30.83 -0.31 -0.01 | 33.34 -0.40 -0.01 | 33.96 -0.14 -0.01 | 36.05 -0.18 -0.01 | 31.06 0.00 0.00 | 27.26 0.84 0.00 | 24.62 0.97 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 23.02 1.38 0.00 | 21.97 1.28 0.00 | 20.37 1.12 0.00 | 20.06 1.08 0.00 | 21.15 1.20 0.00 | 23.20 1.54 0.00 | 29.00 2.25 0.00 | 30.58 2.29 0.00 | 28.62 2.19 0.00 | 24.91 1.78 0.00 | 24.68 1.66 0.00 | 24.56 1.61 0.00 | 24.65 1.66 0.00 | 25.56 1.63 0.00 | 26.13 1.73 0.00 | 26.92 1.85 0.00 | 30.92 2.16 0.00 | 33.75 2.61 0.00 | 36.64 2.90 0.00 | 37.06 2.97 0.00 | 39.30 3.08 0.00 | 33.70 2.64 0.00 | 28.76 2.35 0.00 | 25.56 1.92 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.44 0.70 0.00 | 28.97 0.68 0.00 | 27.06 0.63 0.00 | 23.66 0.53 0.00 | 23.55 0.53 0.00 | 23.46 0.51 0.00 | 23.55 0.55 0.00 | 24.50 0.57 0.00 | 24.98 0.59 0.00 | 25.61 0.55 0.00 | 29.42 0.66 0.00 | 31.94 0.81 0.00 | 34.58 0.84 0.00 | 35.01 0.92 0.00 | 37.20 0.98 0.00 | 31.93 0.87 0.00 | 27.33 0.92 0.00 | 24.48 0.83 0.00 |
| ETNA____115KV_TB2 80207 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.44 0.70 0.00 | 28.97 0.68 0.00 | 27.06 0.63 0.00 | 23.66 0.53 0.00 | 23.55 0.53 0.00 | 23.46 0.51 0.00 | 23.55 0.55 0.00 | 24.50 0.57 0.00 | 24.98 0.59 0.00 | 25.61 0.55 0.00 | 29.42 0.66 0.00 | 31.94 0.81 0.00 | 34.58 0.84 0.00 | 35.01 0.92 0.00 | 37.20 0.98 0.00 | 31.93 0.87 0.00 | 27.33 0.92 0.00 | 24.48 0.83 0.00 |
| EUCLID__115KV_TB2 356179 | 21.48 -0.15 0.00 | 20.44 -0.25 0.00 | 19.04 -0.21 0.00 | 18.75 -0.23 0.00 | 19.73 -0.22 0.00 | 21.51 -0.15 0.00 | 26.53 -0.21 0.00 | 28.15 -0.14 0.00 | 26.32 -0.11 0.00 | 23.06 -0.07 0.00 | 22.97 -0.05 0.00 | 22.91 -0.05 0.00 | 22.97 -0.02 0.00 | 23.90 -0.02 0.00 | 24.37 -0.02 0.00 | 24.91 -0.15 0.00 | 28.56 -0.20 0.00 | 30.85 -0.28 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 35.82 -0.40 0.00 | 30.75 -0.31 0.00 | 26.25 -0.16 0.00 | 23.58 -0.07 0.00 |
| E_CANADA_CAP_HY 24051 | 23.17 1.54 0.00 | 22.26 1.57 0.00 | 20.60 1.35 0.00 | 20.29 1.31 0.00 | 21.41 1.46 0.00 | 23.48 1.82 0.00 | 29.37 2.62 0.00 | 30.84 2.55 0.00 | 28.78 2.35 0.00 | 24.95 1.83 0.00 | 24.68 1.66 0.00 | 24.47 1.51 0.00 | 24.56 1.56 0.00 | 25.44 1.51 0.00 | 26.06 1.66 0.00 | 26.94 1.88 0.00 | 31.03 2.27 0.00 | 33.93 2.80 0.00 | 36.95 3.21 0.00 | 37.47 3.38 0.00 | 39.70 3.48 0.00 | 34.01 2.95 0.00 | 29.08 2.67 0.00 | 25.82 2.17 0.00 |
| E_CANADA_MHWK_HY 24050 | 21.87 0.24 0.00 | 20.85 0.16 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.13 0.18 0.00 | 21.92 0.26 0.00 | 27.12 0.37 0.00 | 28.66 0.37 0.00 | 26.80 0.37 0.00 | 23.47 0.35 0.00 | 23.36 0.35 0.00 | 23.30 0.34 0.00 | 23.34 0.35 0.00 | 24.24 0.31 0.00 | 24.74 0.34 0.00 | 25.39 0.32 0.00 | 29.17 0.40 0.00 | 31.63 0.50 0.00 | 34.28 0.54 0.00 | 34.64 0.54 0.00 | 36.80 0.58 0.00 | 31.59 0.53 0.00 | 26.81 0.40 0.00 | 23.95 0.31 0.00 |
| E_FISHKILL__LBMP 23776 | 22.91 1.28 0.00 | 21.66 0.97 0.00 | 20.12 0.87 0.00 | 19.87 0.89 0.00 | 20.85 0.90 0.00 | 22.76 1.10 0.00 | 28.51 1.77 0.00 | 30.22 1.92 0.00 | 28.25 1.82 0.00 | 24.70 1.57 0.00 | 24.61 1.59 0.00 | 24.59 1.63 0.00 | 24.58 1.59 0.00 | 25.56 1.63 0.00 | 26.06 1.66 0.00 | 26.92 1.85 0.00 | 30.83 2.07 0.00 | 33.56 2.43 0.00 | 36.30 2.56 0.00 | 36.62 2.52 0.00 | 38.86 2.64 0.00 | 33.42 2.36 0.00 | 28.15 1.74 0.00 | 24.92 1.28 0.00 |
| FALCON____SEABRD_CC1 323796 | 21.14 -0.50 0.00 | 20.38 -0.31 0.00 | 19.01 -0.25 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.66 0.00 0.00 | 26.75 0.00 0.00 | 28.60 0.31 0.00 | 26.69 0.26 0.00 | 23.27 0.14 0.00 | 23.25 0.23 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.41 0.48 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.72 0.59 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.13 0.91 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |

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| FALCON___SEABRD_CC2 323797 | 21.14 -0.50 0.00 | 20.38 -0.31 0.00 | 19.01 -0.25 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.66 0.00 0.00 | 26.75 0.00 0.00 | 28.60 0.31 0.00 | 26.69 0.26 0.00 | 23.27 0.14 0.00 | 23.25 0.23 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.41 0.48 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.72 0.59 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.13 0.91 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| FAR ROCKAWAY___4 23548 | 26.50 2.27 -2.59 | 26.06 1.88 -3.49 | 25.67 1.71 -4.70 | 22.15 1.71 -1.46 | 25.84 1.74 -4.15 | 26.66 2.08 -2.92 | 29.74 3.00 0.00 | 31.57 3.28 0.00 | 29.46 3.04 0.00 | 27.13 2.78 -1.23 | 30.17 2.79 -4.36 | 30.44 2.85 -4.63 | 29.79 2.81 -3.98 | 30.31 2.90 -3.49 | 30.69 2.95 -3.34 | 31.67 3.18 -3.43 | 37.98 3.48 -5.74 | 47.83 3.95 -12.74 | 50.27 4.18 -12.34 | 49.35 4.16 -11.09 | 49.72 4.42 -9.08 | 42.50 3.88 -7.56 | 31.40 3.14 -1.84 | 30.18 2.48 -4.05 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 23.19 1.56 0.00 | 21.85 1.16 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.94 2.19 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.69 2.29 0.00 | 27.62 2.53 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 23.19 1.56 0.00 | 21.85 1.16 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.94 2.19 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.67 2.27 0.00 | 27.62 2.53 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 23.17 1.54 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.92 2.17 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.16 2.14 0.00 | 25.16 2.20 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.67 2.27 0.00 | 27.60 2.51 -0.03 | 31.52 2.76 0.00 | 34.38 3.24 -0.01 | 37.05 3.31 0.00 | 37.37 3.27 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| FARRAGUT___LBMP 323566 | 23.17 1.54 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.89 2.14 0.00 | 30.73 2.43 0.00 | 28.80 2.38 0.00 | 25.21 2.08 0.00 | 25.16 2.14 0.00 | 25.14 2.18 0.00 | 25.13 2.14 0.00 | 26.13 2.20 0.00 | 26.64 2.24 0.00 | 27.60 2.51 -0.03 | 31.50 2.73 0.00 | 34.34 3.21 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.10 3.04 0.00 | 28.66 2.24 0.00 | 25.28 1.63 0.00 |
| FENNER___WINDPWR 24204 | 22.18 0.54 0.00 | 21.12 0.44 0.00 | 19.66 0.41 0.00 | 19.36 0.38 0.00 | 20.39 0.44 0.00 | 22.24 0.58 0.00 | 27.60 0.86 0.00 | 29.26 0.96 0.00 | 27.35 0.92 0.00 | 23.93 0.81 0.00 | 23.76 0.74 0.00 | 23.67 0.71 0.00 | 23.78 0.78 0.00 | 24.69 0.77 0.00 | 25.20 0.80 0.00 | 25.84 0.78 0.00 | 29.66 0.89 0.00 | 32.16 1.03 0.00 | 34.92 1.18 0.00 | 35.29 1.19 0.00 | 37.45 1.23 0.00 | 32.11 1.06 0.00 | 27.36 0.95 0.00 | 24.47 0.83 0.00 |
| FIBERTEK___ENERGY 23856 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |
| FITZPATRICK____ 23598 | 21.16 -0.48 0.00 | 20.19 -0.50 0.00 | 18.81 -0.44 0.00 | 18.51 -0.47 0.00 | 19.47 -0.48 0.00 | 21.20 -0.46 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.79 -0.63 0.00 | 22.59 -0.53 0.00 | 22.51 -0.51 0.00 | 22.43 -0.53 0.00 | 22.49 -0.51 0.00 | 23.40 -0.53 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.83 -0.91 0.00 | 33.17 -0.92 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.20 -0.45 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 27.16 2.29 -3.23 | 26.92 1.88 -4.34 | 26.81 1.69 -5.85 | 22.52 1.71 -1.83 | 26.88 1.76 -5.17 | 27.40 2.10 -3.64 | 39.04 3.13 -9.16 | 33.28 3.34 -1.65 | 29.25 2.83 0.00 | 27.32 2.66 -1.54 | 31.15 2.69 -5.44 | 31.48 2.75 -5.77 | 30.63 2.67 -4.97 | 31.02 2.78 -4.32 | 31.23 2.83 -4.00 | 32.28 3.11 -4.11 | 36.63 3.57 -4.30 | 45.05 4.05 -9.87 | 46.96 4.28 -8.94 | 45.92 4.26 -7.57 | 47.29 4.49 -6.58 | 40.68 4.01 -5.62 | 31.83 3.12 -2.30 | 31.13 2.44 -5.05 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 23.30 1.67 0.00 | 21.99 1.30 0.00 | 20.37 1.12 0.00 | 20.10 1.12 0.00 | 21.03 1.08 0.00 | 23.04 1.39 0.00 | 28.86 2.11 0.00 | 30.53 2.24 0.00 | 28.62 2.19 0.00 | 24.95 1.83 0.00 | 24.86 1.84 0.00 | 24.75 1.79 0.00 | 24.84 1.84 0.00 | 25.79 1.87 0.00 | 26.40 2.00 0.00 | 27.19 2.13 0.00 | 31.15 2.39 0.00 | 33.99 2.86 0.00 | 36.74 3.00 0.00 | 37.09 3.00 0.00 | 39.33 3.11 0.00 | 33.88 2.83 0.00 | 28.50 2.09 0.00 | 25.21 1.56 0.00 |
| FORT ORANGE____ 23900 | 22.11 0.48 0.00 | 21.27 0.58 0.00 | 19.76 0.50 0.00 | 19.57 0.59 0.00 | 20.49 0.54 0.00 | 22.16 0.50 0.00 | 27.58 0.83 0.00 | 29.00 0.71 0.00 | 27.06 0.63 0.00 | 23.66 0.53 0.00 | 23.48 0.46 0.00 | 23.44 0.48 0.00 | 23.43 0.44 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.51 0.45 0.00 | 29.37 0.60 0.00 | 31.97 0.84 0.00 | 34.65 0.91 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.96 0.90 0.00 | 26.97 0.56 0.00 | 24.07 0.43 0.00 |
| FORT_DRUM_COGEN 23780 | 21.59 -0.04 0.00 | 20.48 -0.21 0.00 | 19.06 -0.19 0.00 | 18.77 -0.21 0.00 | 19.79 -0.16 0.00 | 21.72 0.06 0.00 | 26.94 0.19 0.00 | 28.46 0.17 0.00 | 26.43 0.00 0.00 | 23.06 -0.07 0.00 | 22.86 -0.16 0.00 | 22.73 -0.23 0.00 | 22.77 -0.23 0.00 | 23.66 -0.26 0.00 | 24.18 -0.22 0.00 | 24.81 -0.25 0.00 | 28.48 -0.29 0.00 | 31.01 -0.12 0.00 | 33.84 0.10 0.00 | 34.40 0.31 0.00 | 36.73 0.51 0.00 | 31.34 0.28 0.00 | 26.65 0.24 0.00 | 23.86 0.21 0.00 |
| FOX_HILLS___ESR 323835 | 23.32 1.69 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.05 1.06 0.00 | 20.99 1.04 0.00 | 22.87 1.21 0.00 | 28.83 2.09 0.00 | 30.70 2.40 0.00 | 28.78 2.35 0.00 | 25.16 2.04 0.00 | 25.14 2.12 0.00 | 25.16 2.20 0.00 | 25.13 2.14 0.00 | 26.18 2.25 0.00 | 26.75 2.34 -0.01 | 27.58 2.48 -0.04 | 35.96 2.70 -4.49 | 38.79 3.27 -4.39 | 37.02 3.27 -0.01 | 37.37 3.27 0.00 | 39.52 3.30 0.00 | 34.02 2.95 -0.01 | 28.69 2.27 -0.01 | 25.40 1.75 0.00 |
| FPL FAR_ROCK_GT1 24212 | 26.41 2.18 -2.59 | 26.04 1.86 -3.49 | 25.67 1.71 -4.70 | 22.15 1.71 -1.46 | 25.84 1.73 -4.15 | 26.68 2.10 -2.92 | 29.75 3.00 -0.01 | 31.58 3.28 -0.01 | 29.46 3.04 0.00 | 27.13 2.77 -1.23 | 30.16 2.78 -4.36 | 30.41 2.82 -4.63 | 29.78 2.80 -3.98 | 30.31 2.89 -3.49 | 30.67 2.93 -3.34 | 31.67 3.18 -3.43 | 37.92 3.42 -5.74 | 47.83 3.95 -12.74 | 50.16 4.08 -12.34 | 49.35 4.16 -11.09 | 49.68 4.38 -9.08 | 42.50 3.88 -7.56 | 31.37 3.11 -1.84 | 30.18 2.48 -4.05 |

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| FPL FAR_ROCK_GT2 23815 | 26.41 2.18 -2.59 | 26.04 1.86 -3.49 | 25.67 1.71 -4.70 | 22.15 1.71 -1.46 | 25.84 1.73 -4.15 | 26.68 2.10 -2.92 | 29.75 3.00 -0.01 | 31.58 3.28 -0.01 | 29.46 3.04 0.00 | 27.13 2.77 -1.23 | 30.16 2.78 -4.36 | 30.41 2.82 -4.63 | 29.78 2.80 -3.98 | 30.31 2.89 -3.49 | 30.67 2.93 -3.34 | 31.67 3.18 -3.43 | 37.92 3.42 -5.74 | 47.83 3.95 -12.74 | 50.16 4.08 -12.34 | 49.35 4.16 -11.09 | 49.68 4.38 -9.08 | 42.50 3.88 -7.56 | 31.37 3.11 -1.84 | 30.18 2.48 -4.05 |
| FRANKLIN_FALL_HYD 24054 | 21.05 -0.58 0.00 | 20.42 -0.27 0.00 | 19.01 -0.25 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.48 -0.17 0.00 | 26.51 -0.24 0.00 | 28.26 -0.03 0.00 | 26.32 -0.11 0.00 | 22.99 -0.14 0.00 | 22.88 -0.14 0.00 | 22.77 -0.18 0.00 | 22.81 -0.18 0.00 | 23.88 -0.05 0.00 | 24.35 -0.05 0.00 | 25.01 -0.05 0.00 | 28.82 0.06 0.00 | 30.97 -0.16 0.00 | 33.91 0.17 0.00 | 34.26 0.17 0.00 | 36.69 0.47 0.00 | 30.93 -0.12 0.00 | 26.46 0.05 0.00 | 23.72 0.07 0.00 |
| FREEPORT_EQUUS_GT1 23764 | 26.26 2.03 -2.59 | 25.88 1.72 -3.48 | 25.52 1.58 -4.69 | 22.02 1.57 -1.46 | 25.71 1.62 -4.14 | 26.52 1.95 -2.91 | 29.59 2.83 -0.01 | 31.39 3.08 -0.01 | 29.25 2.83 0.00 | 26.95 2.59 -1.23 | 29.99 2.62 -4.35 | 30.22 2.64 -4.62 | 29.59 2.62 -3.97 | 30.11 2.70 -3.48 | 30.49 2.76 -3.34 | 31.46 2.98 -3.42 | 36.96 3.22 -4.97 | 45.66 3.61 -10.92 | 48.17 3.74 -10.69 | 47.38 3.78 -9.51 | 48.07 3.98 -7.87 | 41.24 3.63 -6.55 | 31.16 2.91 -1.84 | 29.98 2.29 -4.04 |
| FREEPORT___CT2 23818 | 26.26 2.03 -2.59 | 25.88 1.72 -3.48 | 25.52 1.58 -4.69 | 22.02 1.57 -1.46 | 25.71 1.62 -4.14 | 26.52 1.95 -2.91 | 29.59 2.83 -0.01 | 31.39 3.08 -0.01 | 29.25 2.83 0.00 | 26.95 2.59 -1.23 | 29.99 2.62 -4.35 | 30.22 2.64 -4.62 | 29.59 2.62 -3.97 | 30.11 2.70 -3.48 | 30.49 2.76 -3.34 | 31.46 2.98 -3.42 | 36.96 3.22 -4.97 | 45.66 3.61 -10.92 | 48.17 3.74 -10.69 | 47.38 3.78 -9.51 | 48.07 3.98 -7.87 | 41.24 3.63 -6.55 | 31.16 2.91 -1.84 | 29.98 2.29 -4.04 |
| FRESHKLS_33_KV_LOAD 356253 | 23.35 1.71 0.00 | 21.93 1.24 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.89 1.23 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.78 2.35 0.00 | 25.16 2.04 0.00 | 25.14 2.12 0.00 | 25.16 2.20 0.00 | 25.13 2.14 0.00 | 26.15 2.23 0.00 | 26.73 2.32 -0.01 | 27.53 2.43 -0.04 | 35.90 2.65 -4.49 | 38.76 3.24 -4.39 | 36.96 3.21 -0.01 | 37.33 3.24 0.00 | 39.48 3.26 0.00 | 33.99 2.92 -0.01 | 28.69 2.27 -0.01 | 25.42 1.77 0.00 |
| FULTON COGEN____ 23766 | 21.44 -0.19 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.70 -0.28 0.00 | 19.67 -0.28 0.00 | 21.44 -0.22 0.00 | 26.45 -0.29 0.00 | 28.01 -0.28 0.00 | 26.16 -0.26 0.00 | 22.92 -0.21 0.00 | 22.81 -0.21 0.00 | 22.75 -0.21 0.00 | 22.81 -0.18 0.00 | 23.76 -0.17 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.48 -0.29 0.00 | 30.76 -0.37 0.00 | 33.27 -0.47 0.00 | 33.65 -0.44 0.00 | 35.71 -0.51 0.00 | 30.65 -0.40 0.00 | 26.20 -0.21 0.00 | 23.53 -0.12 0.00 |
| FULTON___LFGE 323630 | 24.00 2.36 0.00 | 23.15 2.46 0.00 | 21.30 2.04 0.00 | 20.99 2.01 0.00 | 22.19 2.23 0.00 | 24.36 2.71 0.00 | 30.49 3.74 0.00 | 31.92 3.62 0.00 | 29.76 3.33 0.00 | 25.62 2.50 0.00 | 25.21 2.19 0.00 | 25.07 2.11 0.00 | 25.16 2.16 0.00 | 26.01 2.08 0.00 | 26.74 2.34 0.00 | 27.82 2.76 0.00 | 32.16 3.39 0.00 | 35.43 4.30 0.00 | 38.60 4.86 0.00 | 39.24 5.15 0.00 | 41.55 5.33 0.00 | 35.53 4.47 0.00 | 30.32 3.91 0.00 | 26.89 3.24 0.00 |
| G.F.CEMENT___DRP 24184 | 22.70 1.06 0.00 | 21.64 0.95 0.00 | 20.03 0.77 0.00 | 19.76 0.78 0.00 | 20.79 0.84 0.00 | 22.68 1.02 0.00 | 28.25 1.50 0.00 | 29.76 1.47 0.00 | 27.75 1.32 0.00 | 24.14 1.02 0.00 | 23.92 0.90 0.00 | 23.87 0.92 0.00 | 23.89 0.90 0.00 | 24.74 0.81 0.00 | 25.35 0.95 0.00 | 26.21 1.15 0.00 | 30.20 1.44 0.00 | 32.84 1.71 0.00 | 35.70 1.96 0.00 | 36.14 2.05 0.00 | 38.32 2.10 0.00 | 32.89 1.83 0.00 | 27.78 1.37 0.00 | 24.76 1.11 0.00 |
| GARDENVILLE___LBMP 24039 | 21.66 0.02 0.00 | 20.44 -0.25 0.00 | 19.30 0.04 0.00 | 18.81 -0.17 0.00 | 19.81 -0.14 0.00 | 21.87 0.22 0.00 | 26.72 -0.03 0.00 | 28.29 0.00 0.00 | 26.74 0.32 0.00 | 23.56 0.44 0.00 | 23.85 0.83 0.00 | 23.62 0.67 0.00 | 23.73 0.74 0.00 | 24.86 0.93 0.00 | 25.08 0.68 0.00 | 25.36 0.30 0.00 | 28.88 0.12 0.00 | 30.67 -0.47 0.00 | 32.77 -0.98 0.00 | 33.79 -0.31 0.00 | 35.90 -0.33 0.00 | 30.84 -0.22 0.00 | 27.02 0.61 0.00 | 24.50 0.85 0.00 |
| GARDNVLA_35_KV_LD 355827 | 21.79 0.15 0.00 | 20.56 -0.12 0.00 | 19.41 0.15 0.00 | 18.93 -0.06 0.00 | 19.95 0.00 0.00 | 22.03 0.37 0.00 | 26.91 0.16 0.00 | 28.52 0.23 0.00 | 26.95 0.53 0.00 | 23.73 0.60 0.00 | 24.03 1.01 0.00 | 23.78 0.83 0.00 | 23.92 0.92 0.00 | 25.05 1.12 0.00 | 25.28 0.88 0.00 | 25.56 0.50 0.00 | 29.11 0.35 0.00 | 30.89 -0.25 0.00 | 33.00 -0.74 -0.01 | 34.03 -0.07 -0.01 | 36.15 -0.07 -0.01 | 31.06 0.00 0.00 | 27.20 0.79 0.00 | 24.66 1.02 0.00 |
| GELCKHM___115KV_LOAD 80723 | 21.55 -0.09 0.00 | 20.50 -0.19 0.00 | 19.10 -0.15 0.00 | 18.81 -0.17 0.00 | 19.79 -0.16 0.00 | 21.57 -0.09 0.00 | 26.61 -0.13 0.00 | 28.24 -0.06 0.00 | 26.40 -0.03 0.00 | 23.15 0.02 0.00 | 23.04 0.02 0.00 | 22.98 0.02 0.00 | 23.04 0.05 0.00 | 24.00 0.07 0.00 | 24.45 0.05 0.00 | 25.01 -0.05 0.00 | 28.68 -0.09 0.00 | 30.97 -0.16 0.00 | 33.50 -0.24 0.00 | 33.89 -0.20 0.00 | 35.97 -0.25 0.00 | 30.84 -0.22 0.00 | 26.36 -0.05 0.00 | 23.67 0.02 0.00 |
| GENERAL___MILLS 23808 | 21.74 0.11 0.00 | 20.52 -0.17 0.00 | 19.37 0.12 0.00 | 18.89 -0.09 0.00 | 19.89 -0.06 0.00 | 21.96 0.30 0.00 | 26.86 0.11 0.00 | 28.43 0.14 0.00 | 26.87 0.45 0.00 | 23.66 0.53 0.00 | 23.94 0.92 0.00 | 23.71 0.76 0.00 | 23.85 0.85 0.00 | 24.98 1.05 0.00 | 25.18 0.78 0.00 | 25.49 0.43 0.00 | 29.02 0.26 0.00 | 30.79 -0.34 -0.01 | 32.90 -0.84 -0.01 | 33.93 -0.17 -0.01 | 36.05 -0.18 -0.01 | 30.96 -0.09 0.00 | 27.12 0.71 0.00 | 24.62 0.97 0.00 |
| GE_PLASTICS___DRP 24183 | 22.29 0.65 0.00 | 21.21 0.52 0.00 | 19.72 0.46 0.00 | 19.49 0.51 0.00 | 20.43 0.48 0.00 | 22.13 0.48 0.00 | 27.55 0.80 0.00 | 29.03 0.74 0.00 | 27.09 0.66 0.00 | 23.68 0.56 0.00 | 23.55 0.53 0.00 | 23.48 0.53 0.00 | 23.50 0.51 0.00 | 24.41 0.48 0.00 | 24.91 0.51 0.00 | 25.61 0.55 0.00 | 29.45 0.69 0.00 | 32.00 0.87 0.00 | 34.68 0.94 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.96 0.90 0.00 | 27.02 0.61 0.00 | 24.10 0.45 0.00 |
| GILBOA___1 23756 | 22.28 0.65 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.50 0.51 0.00 | 20.47 0.52 0.00 | 22.31 0.65 0.00 | 27.79 1.04 0.00 | 29.37 1.07 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.87 0.85 0.00 | 23.81 0.85 0.00 | 23.85 0.85 0.00 | 24.79 0.86 0.00 | 25.27 0.88 0.00 | 26.01 0.95 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 34.99 1.25 0.00 | 35.36 1.26 0.00 | 37.52 1.30 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.36 0.71 0.00 |
| GILBOA___2 23757 | 22.28 0.65 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.50 0.51 0.00 | 20.47 0.52 0.00 | 22.31 0.65 0.00 | 27.79 1.04 0.00 | 29.37 1.07 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.87 0.85 0.00 | 23.81 0.85 0.00 | 23.85 0.85 0.00 | 24.79 0.86 0.00 | 25.27 0.88 0.00 | 26.01 0.95 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 34.99 1.25 0.00 | 35.36 1.26 0.00 | 37.52 1.30 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.36 0.71 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___3 23758 | 22.28 0.65 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.50 0.51 0.00 | 20.47 0.52 0.00 | 22.31 0.65 0.00 | 27.79 1.04 0.00 | 29.37 1.07 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.87 0.85 0.00 | 23.81 0.85 0.00 | 23.85 0.85 0.00 | 24.79 0.86 0.00 | 25.27 0.88 0.00 | 26.01 0.95 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 34.99 1.25 0.00 | 35.36 1.26 0.00 | 37.52 1.30 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.36 0.71 0.00 |
| GILBOA___4 23759 | 22.28 0.65 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.50 0.51 0.00 | 20.47 0.52 0.00 | 22.31 0.65 0.00 | 27.79 1.04 0.00 | 29.37 1.07 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.87 0.85 0.00 | 23.81 0.85 0.00 | 23.85 0.85 0.00 | 24.79 0.86 0.00 | 25.27 0.88 0.00 | 26.01 0.95 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 34.99 1.25 0.00 | 35.36 1.26 0.00 | 37.52 1.30 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.36 0.71 0.00 |
| GILBOA___ 23599 | 22.37 0.74 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.49 0.51 0.00 | 20.47 0.52 0.00 | 22.31 0.65 0.00 | 27.79 1.04 0.00 | 29.37 1.08 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.87 0.85 0.00 | 23.83 0.87 0.00 | 23.85 0.85 0.00 | 24.79 0.86 0.00 | 25.28 0.88 0.00 | 26.01 0.95 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 35.09 1.35 0.00 | 35.35 1.26 0.00 | 37.52 1.30 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.36 0.71 0.00 |
| GINNA___ 23603 | 20.45 -1.19 0.00 | 19.45 -1.24 0.00 | 18.18 -1.08 0.00 | 17.79 -1.20 0.00 | 18.71 -1.24 0.00 | 20.53 -1.13 0.00 | 25.25 -1.50 0.00 | 26.91 -1.39 0.00 | 25.24 -1.19 0.00 | 22.11 -1.02 0.00 | 22.17 -0.85 0.00 | 21.99 -0.96 0.00 | 22.10 -0.90 0.00 | 23.11 -0.81 0.00 | 23.47 -0.93 0.00 | 23.86 -1.20 0.00 | 27.44 -1.32 0.00 | 29.17 -1.96 0.00 | 31.65 -2.09 0.00 | 31.98 -2.11 0.00 | 33.94 -2.28 0.00 | 29.23 -1.83 0.00 | 25.22 -1.19 0.00 | 22.72 -0.92 0.00 |
| GLEN PARK___ 23778 | 21.68 0.04 0.00 | 20.56 -0.12 0.00 | 19.14 -0.11 0.00 | 18.85 -0.13 0.00 | 19.87 -0.08 0.00 | 21.81 0.15 0.00 | 27.07 0.32 0.00 | 28.58 0.28 0.00 | 26.53 0.11 0.00 | 23.10 -0.02 0.00 | 22.90 -0.11 0.00 | 22.75 -0.21 0.00 | 22.79 -0.21 0.00 | 23.69 -0.24 0.00 | 24.23 -0.17 0.00 | 24.86 -0.20 0.00 | 28.59 -0.17 0.00 | 31.19 0.06 0.00 | 34.08 0.34 0.00 | 34.64 0.54 0.00 | 36.98 0.76 0.00 | 31.55 0.50 0.00 | 26.83 0.42 0.00 | 24.00 0.36 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 23.28 1.64 0.00 | 21.89 1.20 0.00 | 20.32 1.06 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.96 1.30 0.00 | 28.94 2.19 0.00 | 30.78 2.49 0.00 | 28.88 2.46 0.00 | 25.30 2.17 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.23 2.30 0.00 | 26.81 2.42 0.00 | 27.72 2.63 -0.03 | 31.64 2.88 0.00 | 34.53 3.39 -0.01 | 37.18 3.44 0.00 | 37.50 3.41 0.00 | 39.73 3.51 0.00 | 34.19 3.14 0.00 | 28.76 2.35 0.00 | 25.35 1.70 0.00 |
| GLENWOOD_IC_1_G5 23712 | 25.27 1.86 -1.77 | 24.56 1.49 -2.38 | 23.79 1.33 -3.21 | 21.33 1.35 -1.00 | 24.16 1.38 -2.83 | 25.32 1.67 -2.00 | 29.26 2.51 0.00 | 31.07 2.77 0.00 | 29.02 2.59 0.00 | 26.31 2.34 -0.84 | 28.37 2.37 -2.98 | 28.53 2.41 -3.16 | 28.11 2.39 -2.72 | 28.81 2.46 -2.42 | 29.37 2.49 -2.49 | 30.34 2.73 -2.54 | 37.76 3.02 -5.97 | 48.22 3.46 -13.63 | 50.20 3.61 -12.85 | 49.58 3.61 -11.87 | 49.44 3.77 -9.46 | 42.25 3.32 -7.87 | 30.26 2.59 -1.26 | 28.40 1.99 -2.77 |
| GLENWOOD_IC_2_G1 23688 | 23.89 1.60 -0.65 | 22.86 1.30 -0.87 | 21.62 1.19 -1.17 | 20.57 1.22 -0.37 | 22.21 1.22 -1.04 | 23.90 1.52 -0.73 | 29.08 2.33 -0.01 | 30.85 2.55 -0.01 | 28.83 2.40 0.00 | 25.59 2.15 -0.31 | 26.27 2.16 -1.09 | 26.32 2.20 -1.16 | 26.18 2.19 -1.00 | 27.14 2.25 -0.96 | 27.99 2.27 -1.32 | 28.91 2.51 -1.34 | 31.74 2.73 -0.24 | 34.91 3.21 -0.57 | 37.53 3.27 -0.52 | 37.89 3.31 -0.49 | 40.08 3.48 -0.38 | 34.42 3.05 -0.32 | 29.22 2.35 -0.46 | 26.46 1.80 -1.01 |
| GLENWOOD_IC_3_G1 23689 | 23.89 1.60 -0.65 | 22.86 1.30 -0.87 | 21.62 1.19 -1.17 | 20.57 1.22 -0.37 | 22.21 1.22 -1.04 | 23.90 1.52 -0.73 | 29.08 2.33 -0.01 | 30.85 2.55 -0.01 | 28.83 2.40 0.00 | 25.59 2.15 -0.31 | 26.27 2.16 -1.09 | 26.32 2.20 -1.16 | 26.18 2.19 -1.00 | 27.14 2.25 -0.96 | 27.99 2.27 -1.32 | 28.91 2.51 -1.34 | 31.74 2.73 -0.24 | 34.91 3.21 -0.57 | 37.53 3.27 -0.52 | 37.89 3.31 -0.49 | 40.08 3.48 -0.38 | 34.42 3.05 -0.32 | 29.22 2.35 -0.46 | 26.46 1.80 -1.01 |
| GLENWOOD___4 23550 | 25.27 1.86 -1.77 | 24.56 1.49 -2.38 | 23.79 1.33 -3.21 | 21.33 1.35 -1.00 | 24.16 1.38 -2.83 | 25.32 1.67 -2.00 | 29.26 2.51 0.00 | 31.07 2.77 0.00 | 29.02 2.59 0.00 | 26.31 2.34 -0.84 | 28.37 2.37 -2.98 | 28.53 2.41 -3.16 | 28.11 2.39 -2.72 | 28.81 2.46 -2.42 | 29.37 2.49 -2.49 | 30.34 2.73 -2.54 | 37.76 3.02 -5.97 | 48.22 3.46 -13.63 | 50.20 3.61 -12.85 | 49.58 3.61 -11.87 | 49.44 3.77 -9.46 | 42.25 3.32 -7.87 | 30.26 2.59 -1.26 | 28.40 1.99 -2.77 |
| GLENWOOD___5 23614 | 25.27 1.86 -1.77 | 24.56 1.49 -2.38 | 23.79 1.33 -3.21 | 21.33 1.35 -1.00 | 24.16 1.38 -2.83 | 25.32 1.67 -2.00 | 29.26 2.51 0.00 | 31.07 2.77 0.00 | 29.02 2.59 0.00 | 26.31 2.34 -0.84 | 28.37 2.37 -2.98 | 28.53 2.41 -3.16 | 28.11 2.39 -2.72 | 28.81 2.46 -2.42 | 29.37 2.49 -2.49 | 30.34 2.73 -2.54 | 37.76 3.02 -5.97 | 48.22 3.46 -13.63 | 50.20 3.61 -12.85 | 49.58 3.61 -11.87 | 49.44 3.77 -9.46 | 42.25 3.32 -7.87 | 30.26 2.59 -1.26 | 28.40 1.99 -2.77 |
| GLOBAL GREEN_PORT_GT1 23814 | 26.98 2.10 -3.24 | 26.85 1.80 -4.36 | 26.77 1.64 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.39 2.08 -3.65 | 36.77 3.26 -6.76 | 33.00 3.48 -1.23 | 29.04 2.62 0.00 | 27.12 2.45 -1.54 | 30.96 2.49 -5.46 | 31.55 2.80 -5.79 | 30.88 2.90 -4.98 | 31.32 3.06 -4.33 | 31.57 3.15 -4.02 | 32.67 3.48 -4.12 | 37.18 4.17 -4.25 | 45.41 4.76 -9.52 | 47.64 4.99 -8.91 | 46.71 5.08 -7.53 | 48.14 5.36 -6.56 | 41.28 4.66 -5.56 | 32.28 3.56 -2.31 | 31.62 2.91 -5.06 |
| GLOBE___DSASP 323697 | 20.77 -0.87 0.00 | 19.61 -1.08 0.00 | 18.60 -0.65 0.00 | 18.03 -0.95 0.00 | 19.07 -0.88 0.00 | 20.94 -0.71 0.00 | 25.46 -1.28 0.00 | 26.91 -1.39 0.00 | 25.40 -1.03 0.00 | 22.39 -0.74 0.00 | 22.65 -0.37 0.00 | 22.43 -0.53 0.00 | 22.54 -0.46 0.00 | 23.62 -0.31 0.00 | 23.79 -0.61 0.00 | 24.03 -1.03 0.00 | 27.32 -1.44 0.00 | 28.96 -2.15 0.02 | 30.95 -2.77 0.02 | 31.89 -2.18 0.02 | 33.88 -2.32 0.02 | 29.16 -1.89 0.00 | 25.57 -0.85 0.00 | 23.27 -0.38 0.00 |
| GOETHSLN___LBMP 323567 | 23.09 1.45 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.93 0.95 0.00 | 20.89 0.94 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.64 2.35 0.00 | 28.72 2.30 0.00 | 25.14 2.01 0.00 | 25.09 2.07 0.00 | 25.09 2.13 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.57 2.17 0.00 | 27.52 2.43 -0.03 | 31.41 2.65 0.00 | 34.22 3.08 -0.01 | 36.95 3.21 0.00 | 37.26 3.17 0.00 | 39.48 3.26 0.00 | 34.04 2.98 0.00 | 28.60 2.19 0.00 | 25.21 1.56 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 21.61 -0.02 0.00 | 20.42 -0.27 0.00 | 19.16 -0.10 0.00 | 18.74 -0.25 0.00 | 19.73 -0.22 0.00 | 21.70 0.04 0.00 | 26.59 -0.16 0.00 | 28.26 -0.03 0.00 | 26.45 0.03 0.00 | 23.17 0.05 0.00 | 23.27 0.25 0.00 | 23.07 0.11 0.00 | 23.18 0.18 0.00 | 24.24 0.31 0.00 | 24.54 0.15 0.00 | 24.94 -0.13 0.00 | 28.53 -0.23 0.00 | 30.41 -0.72 0.00 | 32.73 -1.01 0.00 | 33.55 -0.55 0.00 | 35.64 -0.58 0.00 | 30.72 -0.34 0.00 | 26.60 0.18 0.00 | 24.07 0.43 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 22.78 1.15 0.00 | 21.64 0.95 0.00 | 20.10 0.85 0.00 | 19.80 0.82 0.00 | 20.83 0.88 0.00 | 22.81 1.15 0.00 | 28.46 1.71 0.00 | 30.10 1.81 0.00 | 28.17 1.74 0.00 | 24.63 1.50 0.00 | 24.45 1.43 0.00 | 24.38 1.42 0.00 | 24.45 1.45 0.00 | 25.39 1.46 0.00 | 25.89 1.49 0.00 | 26.64 1.58 0.00 | 30.55 1.78 0.00 | 33.25 2.12 0.00 | 36.03 2.29 0.00 | 36.38 2.28 0.00 | 38.61 2.39 0.00 | 33.14 2.08 0.00 | 28.18 1.77 0.00 | 25.09 1.44 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.23 0.28 0.00 | 22.13 0.48 0.00 | 27.39 0.64 0.00 | 29.00 0.71 0.00 | 27.17 0.74 0.00 | 23.80 0.67 0.00 | 23.73 0.71 0.00 | 23.64 0.69 0.00 | 23.71 0.71 0.00 | 24.69 0.77 0.00 | 25.11 0.71 0.00 | 25.76 0.70 0.00 | 29.51 0.75 0.00 | 31.88 0.75 0.00 | 34.45 0.71 0.00 | 34.84 0.75 0.00 | 36.98 0.76 0.00 | 31.77 0.71 0.00 | 27.23 0.82 0.00 | 24.36 0.71 0.00 |
| GOUDEY___7 23579 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.56 0.31 0.00 | 19.25 0.27 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.42 0.67 0.00 | 29.03 0.74 0.00 | 27.17 0.74 0.00 | 23.82 0.69 0.00 | 23.76 0.74 0.00 | 23.67 0.71 0.00 | 23.73 0.74 0.00 | 24.72 0.79 0.00 | 25.13 0.73 0.00 | 25.79 0.73 0.00 | 29.54 0.78 0.00 | 31.91 0.78 0.00 | 34.48 0.74 0.00 | 34.88 0.78 0.00 | 37.02 0.80 0.00 | 31.80 0.75 0.00 | 27.26 0.85 0.00 | 24.38 0.73 0.00 |
| GOUDEY___8 23580 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.23 0.28 0.00 | 22.13 0.48 0.00 | 27.39 0.64 0.00 | 29.00 0.71 0.00 | 27.17 0.74 0.00 | 23.80 0.67 0.00 | 23.73 0.71 0.00 | 23.64 0.69 0.00 | 23.71 0.71 0.00 | 24.69 0.77 0.00 | 25.11 0.71 0.00 | 25.76 0.70 0.00 | 29.51 0.75 0.00 | 31.88 0.75 0.00 | 34.45 0.71 0.00 | 34.84 0.75 0.00 | 36.98 0.76 0.00 | 31.77 0.71 0.00 | 27.23 0.82 0.00 | 24.36 0.71 0.00 |
| GOWANUS_GT1_1 24077 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_2 24078 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_3 24079 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_4 24080 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_5 24084 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_6 24111 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_7 24112 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT1_8 24113 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT2_1 24114 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| GOWANUS_GT2_2 24115 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| GOWANUS_GT2_3 24116 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |

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| GOWANUS_GT4_3 24132 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT4_4 24133 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT4_5 24134 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT4_6 24135 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT4_7 24136 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GOWANUS_GT4_8 24137 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GREENBSH_115KV_TB3 55895 | 22.24 0.61 0.00 | 21.18 0.50 0.00 | 19.72 0.46 0.00 | 19.49 0.51 0.00 | 20.43 0.48 0.00 | 22.07 0.41 0.00 | 27.47 0.72 0.00 | 28.92 0.62 0.00 | 26.98 0.55 0.00 | 23.63 0.51 0.00 | 23.46 0.44 0.00 | 23.42 0.46 0.00 | 23.43 0.44 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.49 0.43 0.00 | 29.34 0.58 0.00 | 31.88 0.75 0.00 | 34.58 0.84 0.00 | 34.91 0.82 0.00 | 37.05 0.83 0.00 | 31.83 0.78 0.00 | 26.89 0.48 0.00 | 23.98 0.33 0.00 |
| GREENDGE_115KV_TB5 80291 | 21.72 0.09 0.00 | 20.54 -0.14 0.00 | 19.24 -0.02 0.00 | 18.87 -0.11 0.00 | 19.91 -0.04 0.00 | 21.90 0.24 0.00 | 27.10 0.35 0.00 | 28.72 0.42 0.00 | 26.90 0.48 0.00 | 23.61 0.49 0.00 | 23.64 0.62 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.62 0.69 0.00 | 25.01 0.61 0.00 | 25.51 0.45 0.00 | 29.25 0.49 0.00 | 31.41 0.28 0.00 | 33.87 0.13 0.00 | 34.50 0.41 0.00 | 36.62 0.40 0.00 | 31.62 0.56 0.00 | 27.28 0.87 0.00 | 24.48 0.83 0.00 |
| GREENIDGE___3 23582 | 21.72 0.09 0.00 | 20.54 -0.14 0.00 | 19.24 -0.02 0.00 | 18.87 -0.11 0.00 | 19.91 -0.04 0.00 | 21.90 0.24 0.00 | 27.10 0.35 0.00 | 28.72 0.42 0.00 | 26.90 0.48 0.00 | 23.61 0.49 0.00 | 23.64 0.62 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.62 0.69 0.00 | 25.01 0.61 0.00 | 25.51 0.45 0.00 | 29.25 0.49 0.00 | 31.41 0.28 0.00 | 33.87 0.13 0.00 | 34.50 0.41 0.00 | 36.62 0.40 0.00 | 31.62 0.56 0.00 | 27.28 0.87 0.00 | 24.48 0.83 0.00 |
| GREENIDGE___4 23583 | 21.70 0.07 0.00 | 20.58 -0.10 0.00 | 19.26 0.00 0.00 | 18.87 -0.11 0.00 | 19.91 -0.04 0.00 | 21.92 0.26 0.00 | 27.10 0.35 0.00 | 28.72 0.43 0.00 | 26.90 0.48 0.00 | 23.61 0.49 0.00 | 23.64 0.62 0.00 | 23.48 0.53 0.00 | 23.57 0.58 0.00 | 24.65 0.72 0.00 | 25.01 0.61 0.00 | 25.51 0.45 0.00 | 29.34 0.58 0.00 | 31.41 0.28 0.00 | 34.11 0.37 0.00 | 34.57 0.48 0.00 | 36.58 0.36 0.00 | 31.65 0.59 0.00 | 27.33 0.92 0.00 | 24.47 0.83 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 26.88 2.06 -3.19 | 26.66 1.68 -4.29 | 26.58 1.54 -5.78 | 22.34 1.56 -1.80 | 26.64 1.58 -5.11 | 27.07 1.82 -3.60 | 27.44 2.70 2.01 | 30.79 2.86 0.36 | 28.88 2.46 0.00 | 27.14 2.50 -1.52 | 30.90 2.51 -5.37 | 31.21 2.55 -5.70 | 30.46 2.55 -4.91 | 30.80 2.61 -4.27 | 31.00 2.63 -3.97 | 31.89 2.76 -4.07 | 35.99 3.05 -4.18 | 43.12 3.42 -8.56 | 46.36 3.58 -9.04 | 45.32 3.55 -7.68 | 46.57 3.69 -6.66 | 39.86 3.29 -5.51 | 31.41 2.72 -2.27 | 30.81 2.18 -4.99 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |
| GRISSOM___SOLAR 323813 | 24.00 2.36 0.00 | 23.15 2.46 0.00 | 21.30 2.04 0.00 | 20.99 2.01 0.00 | 22.19 2.23 0.00 | 24.36 2.71 0.00 | 30.49 3.74 0.00 | 31.92 3.62 0.00 | 29.76 3.33 0.00 | 25.62 2.50 0.00 | 25.21 2.19 0.00 | 25.07 2.11 0.00 | 25.16 2.16 0.00 | 26.01 2.08 0.00 | 26.74 2.34 0.00 | 27.82 2.76 0.00 | 32.16 3.39 0.00 | 35.43 4.30 0.00 | 38.60 4.86 0.00 | 39.24 5.15 0.00 | 41.55 5.33 0.00 | 35.53 4.47 0.00 | 30.32 3.91 0.00 | 26.89 3.24 0.00 |
| GROVEVILLE___HYD 323602 | 23.30 1.67 0.00 | 21.99 1.30 0.00 | 20.37 1.12 0.00 | 20.10 1.12 0.00 | 21.03 1.08 0.00 | 23.04 1.39 0.00 | 28.86 2.11 0.00 | 30.53 2.24 0.00 | 28.62 2.19 0.00 | 24.95 1.83 0.00 | 24.86 1.84 0.00 | 24.75 1.79 0.00 | 24.84 1.84 0.00 | 25.79 1.87 0.00 | 26.40 2.00 0.00 | 27.19 2.13 0.00 | 31.15 2.39 0.00 | 33.99 2.86 0.00 | 36.74 3.00 0.00 | 37.09 3.00 0.00 | 39.33 3.11 0.00 | 33.88 2.83 0.00 | 28.50 2.09 0.00 | 25.21 1.56 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.72 0.06 0.00 | 26.83 0.08 0.00 | 28.46 0.17 0.00 | 26.61 0.18 0.00 | 23.31 0.19 0.00 | 23.23 0.21 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.19 0.26 0.00 | 24.64 0.24 0.00 | 25.21 0.15 0.00 | 28.94 0.17 0.00 | 31.22 0.09 0.00 | 33.74 0.00 0.00 | 34.13 0.03 0.00 | 36.22 0.00 0.00 | 31.12 0.06 0.00 | 26.62 0.21 0.00 | 23.91 0.26 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 21.44 -0.20 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.76 -0.23 0.00 | 19.75 -0.20 0.00 | 21.51 -0.15 0.00 | 26.62 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.46 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 21.83 0.19 0.00 | 20.83 0.15 0.00 | 19.37 0.12 0.00 | 19.12 0.13 0.00 | 20.11 0.16 0.00 | 21.90 0.24 0.00 | 27.10 0.35 0.00 | 28.63 0.34 0.00 | 26.80 0.37 0.00 | 23.49 0.37 0.00 | 23.36 0.35 0.00 | 23.32 0.37 0.00 | 23.34 0.35 0.00 | 24.24 0.31 0.00 | 24.71 0.32 0.00 | 25.39 0.32 0.00 | 29.14 0.37 0.00 | 31.63 0.50 0.00 | 34.25 0.51 0.00 | 34.61 0.51 0.00 | 36.73 0.51 0.00 | 31.52 0.47 0.00 | 26.78 0.37 0.00 | 23.93 0.28 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 23.04 1.41 0.00 | 21.76 1.08 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.62 1.87 0.00 | 30.33 2.04 0.00 | 28.43 2.01 0.00 | 24.84 1.71 0.00 | 24.75 1.73 0.00 | 24.68 1.72 0.00 | 24.72 1.72 0.00 | 25.70 1.77 0.00 | 26.23 1.83 0.00 | 27.04 1.98 0.00 | 30.98 2.21 0.00 | 33.75 2.61 0.00 | 36.47 2.73 0.00 | 36.82 2.73 0.00 | 39.05 2.83 0.00 | 33.60 2.55 0.00 | 28.31 1.90 0.00 | 25.04 1.40 0.00 |
| HARSNRAD_115KV_TB1 81005 | 21.42 -0.22 0.00 | 20.23 -0.46 0.00 | 19.08 -0.17 0.00 | 18.62 -0.36 0.00 | 19.59 -0.36 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.98 -0.31 0.00 | 26.43 0.00 0.00 | 23.24 0.12 0.00 | 23.55 0.53 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.53 0.60 0.00 | 24.74 0.34 0.00 | 25.01 -0.05 0.00 | 28.48 -0.29 0.00 | 30.20 -0.93 -0.01 | 32.26 -1.48 -0.01 | 33.28 -0.82 -0.01 | 35.36 -0.87 -0.01 | 30.41 -0.65 0.00 | 26.62 0.21 0.00 | 24.17 0.52 0.00 |
| HARZA MOOSE___RIVER 24016 | 22.00 0.37 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.12 0.13 0.00 | 20.13 0.18 0.00 | 22.07 0.41 0.00 | 27.39 0.64 0.00 | 28.97 0.68 0.00 | 26.95 0.53 0.00 | 23.54 0.42 0.00 | 23.34 0.32 0.00 | 23.25 0.30 0.00 | 23.30 0.30 0.00 | 24.19 0.26 0.00 | 24.69 0.29 0.00 | 25.36 0.30 0.00 | 29.22 0.46 0.00 | 31.78 0.65 0.00 | 34.55 0.81 0.00 | 34.98 0.89 0.00 | 37.23 1.01 0.00 | 31.83 0.78 0.00 | 27.07 0.66 0.00 | 24.24 0.59 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 21.59 -0.04 0.00 | 20.52 -0.17 0.00 | 19.12 -0.13 0.00 | 18.83 -0.15 0.00 | 19.81 -0.14 0.00 | 21.59 -0.06 0.00 | 26.67 -0.08 0.00 | 28.29 0.00 0.00 | 26.48 0.05 0.00 | 23.19 0.07 0.00 | 23.11 0.09 0.00 | 23.02 0.07 0.00 | 23.11 0.11 0.00 | 24.05 0.12 0.00 | 24.52 0.12 0.00 | 25.06 0.00 0.00 | 28.73 -0.03 0.00 | 31.04 -0.09 0.00 | 33.54 -0.20 0.00 | 33.92 -0.17 0.00 | 36.00 -0.22 0.00 | 30.90 -0.16 0.00 | 26.41 0.00 0.00 | 23.72 0.07 0.00 |
| HELLGATE_13_KV_LD 55870 | 23.19 1.56 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.69 2.29 0.00 | 27.57 2.48 -0.03 | 31.47 2.70 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.30 3.20 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 23.19 1.56 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.93 0.98 0.00 | 22.87 1.21 0.00 | 28.78 2.03 0.00 | 30.64 2.35 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.69 2.29 0.00 | 27.57 2.48 -0.03 | 31.47 2.70 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.30 3.20 0.00 | 39.48 3.26 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| HEMPSTEAD____ 23647 | 25.72 1.82 -2.27 | 25.25 1.51 -3.05 | 24.76 1.39 -4.11 | 21.65 1.38 -1.28 | 25.00 1.42 -3.63 | 25.95 1.73 -2.56 | 29.35 2.59 -0.01 | 31.13 2.83 -0.01 | 29.02 2.59 0.00 | 26.59 2.38 -1.08 | 29.25 2.42 -3.82 | 29.44 2.43 -4.06 | 28.90 2.41 -3.49 | 29.48 2.49 -3.07 | 29.95 2.54 -3.01 | 30.87 2.73 -3.08 | 37.09 2.96 -5.37 | 46.54 3.42 -11.99 | 48.79 3.51 -11.54 | 48.11 3.58 -10.44 | 48.44 3.73 -8.49 | 41.45 3.32 -7.07 | 30.64 2.62 -1.62 | 29.25 2.06 -3.54 |
| HEWLETT_69_KV_BK3 55828 | 26.41 2.19 -2.59 | 25.97 1.80 -3.49 | 25.59 1.64 -4.70 | 22.08 1.63 -1.46 | 25.78 1.68 -4.15 | 26.57 1.99 -2.92 | 29.64 2.89 0.00 | 31.43 3.14 0.00 | 29.33 2.91 0.00 | 27.02 2.66 -1.23 | 30.07 2.69 -4.36 | 30.32 2.73 -4.63 | 29.67 2.69 -3.98 | 30.21 2.80 -3.49 | 30.57 2.83 -3.34 | 31.54 3.06 -3.43 | 37.84 3.34 -5.74 | 47.67 3.80 -12.74 | 50.06 3.98 -12.34 | 49.18 3.99 -11.09 | 49.50 4.20 -9.08 | 42.34 3.73 -7.56 | 31.27 3.01 -1.84 | 30.06 2.36 -4.05 |
| HICKLING___1 23621 | 21.68 0.04 0.00 | 20.46 -0.23 0.00 | 19.20 -0.06 0.00 | 18.77 -0.21 0.00 | 19.85 -0.10 0.00 | 21.92 0.26 0.00 | 27.02 0.27 0.00 | 28.75 0.45 0.00 | 27.03 0.61 0.00 | 23.84 0.72 0.00 | 23.96 0.94 0.00 | 23.78 0.83 0.00 | 23.92 0.92 0.00 | 25.00 1.08 0.00 | 25.28 0.88 0.00 | 25.66 0.60 0.00 | 29.34 0.58 0.00 | 31.32 0.19 0.00 | 33.71 -0.03 0.00 | 34.74 0.65 0.00 | 36.91 0.69 0.00 | 31.71 0.65 0.00 | 27.49 1.08 0.00 | 24.69 1.04 0.00 |
| HICKLING___2 23622 | 21.68 0.04 0.00 | 20.46 -0.23 0.00 | 19.20 -0.06 0.00 | 18.77 -0.21 0.00 | 19.85 -0.10 0.00 | 21.92 0.26 0.00 | 27.02 0.27 0.00 | 28.75 0.45 0.00 | 27.03 0.61 0.00 | 23.84 0.72 0.00 | 23.96 0.94 0.00 | 23.78 0.83 0.00 | 23.92 0.92 0.00 | 25.00 1.08 0.00 | 25.28 0.88 0.00 | 25.66 0.60 0.00 | 29.34 0.58 0.00 | 31.32 0.19 0.00 | 33.71 -0.03 0.00 | 34.74 0.65 0.00 | 36.91 0.69 0.00 | 31.71 0.65 0.00 | 27.49 1.08 0.00 | 24.69 1.04 0.00 |
| HIGH FALLS___HY 23754 | 23.17 1.54 0.00 | 21.83 1.14 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.89 0.94 0.00 | 22.96 1.30 0.00 | 28.78 2.03 0.00 | 30.50 2.21 0.00 | 28.62 2.19 0.00 | 24.95 1.83 0.00 | 24.86 1.84 0.00 | 24.79 1.84 0.00 | 24.84 1.84 0.00 | 25.84 1.91 0.00 | 26.37 1.98 0.00 | 27.19 2.13 0.00 | 31.12 2.36 0.00 | 33.96 2.83 0.00 | 36.71 2.97 0.00 | 37.02 2.93 0.00 | 39.30 3.08 0.00 | 33.85 2.80 0.00 | 28.50 2.09 0.00 | 25.14 1.49 0.00 |
| HILLBURN___GT 23639 | 22.96 1.32 0.00 | 21.74 1.05 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.89 1.23 0.00 | 28.70 1.95 0.00 | 30.39 2.09 0.00 | 28.49 2.06 0.00 | 24.93 1.80 0.00 | 24.84 1.82 0.00 | 24.79 1.84 0.00 | 24.84 1.84 0.00 | 25.82 1.89 0.00 | 26.30 1.90 0.00 | 27.16 2.11 0.00 | 31.06 2.30 0.00 | 33.87 2.74 0.00 | 36.54 2.80 0.00 | 36.92 2.83 0.00 | 39.15 2.93 0.00 | 33.67 2.61 0.00 | 28.39 1.98 0.00 | 25.11 1.47 0.00 |

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| HILLSIDE_115KV_TB1 80332 | 21.46 -0.17 0.00 | 20.25 -0.43 0.00 | 19.01 -0.25 0.00 | 18.58 -0.40 0.00 | 19.65 -0.30 0.00 | 21.68 0.02 0.00 | 26.70 -0.05 0.00 | 28.35 0.06 0.00 | 26.69 0.26 0.00 | 23.52 0.39 0.00 | 23.66 0.64 0.00 | 23.48 0.53 0.00 | 23.59 0.60 0.00 | 24.67 0.74 0.00 | 24.91 0.51 0.00 | 25.31 0.25 0.00 | 28.91 0.14 0.00 | 30.85 -0.28 0.00 | 33.24 -0.51 0.00 | 34.30 0.20 0.00 | 36.44 0.22 0.00 | 31.31 0.25 0.00 | 27.10 0.69 0.00 | 24.33 0.69 0.00 |
| HISHELDN_WT_PWR 323625 | 21.49 -0.15 0.00 | 20.38 -0.31 0.00 | 19.16 -0.10 0.00 | 18.68 -0.30 0.00 | 19.71 -0.24 0.00 | 21.77 0.11 0.00 | 26.64 -0.11 0.00 | 28.26 -0.03 0.00 | 26.69 0.26 0.00 | 23.54 0.42 0.00 | 23.80 0.78 0.00 | 23.58 0.62 0.00 | 23.71 0.71 0.00 | 24.86 0.93 0.00 | 25.06 0.66 0.00 | 25.36 0.30 0.00 | 29.11 0.35 0.00 | 30.73 -0.41 0.00 | 33.30 -0.44 0.00 | 33.96 -0.14 0.00 | 36.01 -0.22 0.00 | 31.06 0.00 0.00 | 27.15 0.74 0.00 | 24.52 0.88 0.00 |
| HOLTSVILLE_IC_1 23690 | 26.96 2.08 -3.25 | 26.81 1.76 -4.37 | 26.76 1.62 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.33 2.01 -3.66 | 36.32 3.00 -6.58 | 32.68 3.20 -1.19 | 29.09 2.67 0.00 | 27.21 2.54 -1.54 | 31.06 2.58 -5.46 | 31.30 2.55 -5.80 | 30.51 2.53 -4.99 | 30.90 2.63 -4.34 | 31.08 2.66 -4.03 | 32.10 2.91 -4.13 | 36.31 3.31 -4.24 | 44.41 3.80 -9.48 | 46.58 3.95 -8.89 | 45.60 3.99 -7.52 | 46.93 4.16 -6.55 | 40.31 3.69 -5.55 | 31.65 2.93 -2.31 | 31.11 2.39 -5.07 |
| HOLTSVILLE_IC_10 23699 | 27.03 2.16 -3.23 | 26.87 1.84 -4.34 | 26.81 1.69 -5.85 | 22.50 1.69 -1.83 | 26.86 1.73 -5.17 | 27.40 2.10 -3.64 | 37.05 3.13 -7.17 | 32.93 3.34 -1.30 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.10 2.65 -5.44 | 31.37 2.64 -5.77 | 30.56 2.60 -4.97 | 30.97 2.73 -4.32 | 31.16 2.76 -4.01 | 32.20 3.03 -4.11 | 36.51 3.48 -4.27 | 44.73 3.99 -9.61 | 46.86 4.18 -8.94 | 45.89 4.23 -7.57 | 47.22 4.42 -6.58 | 40.53 3.88 -5.59 | 31.77 3.06 -2.30 | 31.18 2.48 -5.05 |
| HOLTSVILLE_IC_2 23691 | 26.96 2.08 -3.25 | 26.81 1.76 -4.37 | 26.76 1.62 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.33 2.01 -3.66 | 36.32 3.00 -6.58 | 32.68 3.20 -1.19 | 29.09 2.67 0.00 | 27.21 2.54 -1.54 | 31.06 2.58 -5.46 | 31.30 2.55 -5.80 | 30.51 2.53 -4.99 | 30.90 2.63 -4.34 | 31.08 2.66 -4.03 | 32.10 2.91 -4.13 | 36.31 3.31 -4.24 | 44.41 3.80 -9.48 | 46.58 3.95 -8.89 | 45.60 3.99 -7.52 | 46.93 4.16 -6.55 | 40.31 3.69 -5.55 | 31.65 2.93 -2.31 | 31.11 2.39 -5.07 |
| HOLTSVILLE_IC_3 23692 | 26.96 2.08 -3.25 | 26.81 1.76 -4.37 | 26.76 1.62 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.33 2.01 -3.66 | 36.32 3.00 -6.58 | 32.68 3.20 -1.19 | 29.09 2.67 0.00 | 27.21 2.54 -1.54 | 31.06 2.58 -5.46 | 31.30 2.55 -5.80 | 30.51 2.53 -4.99 | 30.90 2.63 -4.34 | 31.08 2.66 -4.03 | 32.10 2.91 -4.13 | 36.31 3.31 -4.24 | 44.41 3.80 -9.48 | 46.58 3.95 -8.89 | 45.60 3.99 -7.52 | 46.93 4.16 -6.55 | 40.31 3.69 -5.55 | 31.65 2.93 -2.31 | 31.11 2.39 -5.07 |
| HOLTSVILLE_IC_4 23693 | 26.96 2.08 -3.25 | 26.81 1.76 -4.37 | 26.76 1.62 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.33 2.01 -3.66 | 36.32 3.00 -6.58 | 32.68 3.20 -1.19 | 29.09 2.67 0.00 | 27.21 2.54 -1.54 | 31.06 2.58 -5.46 | 31.30 2.55 -5.80 | 30.51 2.53 -4.99 | 30.90 2.63 -4.34 | 31.08 2.66 -4.03 | 32.10 2.91 -4.13 | 36.31 3.31 -4.24 | 44.41 3.80 -9.48 | 46.58 3.95 -8.89 | 45.60 3.99 -7.52 | 46.93 4.16 -6.55 | 40.31 3.69 -5.55 | 31.65 2.93 -2.31 | 31.11 2.39 -5.07 |
| HOLTSVILLE_IC_5 23694 | 26.96 2.08 -3.25 | 26.81 1.76 -4.37 | 26.76 1.62 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.33 2.01 -3.66 | 36.32 3.00 -6.58 | 32.68 3.20 -1.19 | 29.09 2.67 0.00 | 27.21 2.54 -1.54 | 31.06 2.58 -5.46 | 31.30 2.55 -5.80 | 30.51 2.53 -4.99 | 30.90 2.63 -4.34 | 31.08 2.66 -4.03 | 32.10 2.91 -4.13 | 36.31 3.31 -4.24 | 44.41 3.80 -9.48 | 46.58 3.95 -8.89 | 45.60 3.99 -7.52 | 46.93 4.16 -6.55 | 40.31 3.69 -5.55 | 31.65 2.93 -2.31 | 31.11 2.39 -5.07 |
| HOLTSVILLE_IC_6 23695 | 27.03 2.16 -3.23 | 26.87 1.84 -4.34 | 26.81 1.69 -5.85 | 22.50 1.69 -1.83 | 26.86 1.73 -5.17 | 27.40 2.10 -3.64 | 37.05 3.13 -7.17 | 32.93 3.34 -1.30 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.10 2.65 -5.44 | 31.37 2.64 -5.77 | 30.56 2.60 -4.97 | 30.97 2.73 -4.32 | 31.16 2.76 -4.01 | 32.20 3.03 -4.11 | 36.51 3.48 -4.27 | 44.73 3.99 -9.61 | 46.86 4.18 -8.94 | 45.89 4.23 -7.57 | 47.22 4.42 -6.58 | 40.53 3.88 -5.59 | 31.77 3.06 -2.30 | 31.18 2.48 -5.05 |
| HOLTSVILLE_IC_7 23696 | 27.03 2.16 -3.23 | 26.87 1.84 -4.34 | 26.81 1.69 -5.85 | 22.50 1.69 -1.83 | 26.86 1.73 -5.17 | 27.40 2.10 -3.64 | 37.05 3.13 -7.17 | 32.93 3.34 -1.30 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.10 2.65 -5.44 | 31.37 2.64 -5.77 | 30.56 2.60 -4.97 | 30.97 2.73 -4.32 | 31.16 2.76 -4.01 | 32.20 3.03 -4.11 | 36.51 3.48 -4.27 | 44.73 3.99 -9.61 | 46.86 4.18 -8.94 | 45.89 4.23 -7.57 | 47.22 4.42 -6.58 | 40.53 3.88 -5.59 | 31.77 3.06 -2.30 | 31.18 2.48 -5.05 |
| HOLTSVILLE_IC_8 23697 | 27.03 2.16 -3.23 | 26.87 1.84 -4.34 | 26.81 1.69 -5.85 | 22.50 1.69 -1.83 | 26.86 1.73 -5.17 | 27.40 2.10 -3.64 | 37.05 3.13 -7.17 | 32.93 3.34 -1.30 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.10 2.65 -5.44 | 31.37 2.64 -5.77 | 30.56 2.60 -4.97 | 30.97 2.73 -4.32 | 31.16 2.76 -4.01 | 32.20 3.03 -4.11 | 36.51 3.48 -4.27 | 44.73 3.99 -9.61 | 46.86 4.18 -8.94 | 45.89 4.23 -7.57 | 47.22 4.42 -6.58 | 40.53 3.88 -5.59 | 31.77 3.06 -2.30 | 31.18 2.48 -5.05 |
| HOLTSVILLE_IC_9 23698 | 27.03 2.16 -3.23 | 26.87 1.84 -4.34 | 26.81 1.69 -5.85 | 22.50 1.69 -1.83 | 26.86 1.73 -5.17 | 27.40 2.10 -3.64 | 37.05 3.13 -7.17 | 32.93 3.34 -1.30 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.10 2.65 -5.44 | 31.37 2.64 -5.77 | 30.56 2.60 -4.97 | 30.97 2.73 -4.32 | 31.16 2.76 -4.01 | 32.20 3.03 -4.11 | 36.51 3.48 -4.27 | 44.73 3.99 -9.61 | 46.86 4.18 -8.94 | 45.89 4.23 -7.57 | 47.22 4.42 -6.58 | 40.53 3.88 -5.59 | 31.77 3.06 -2.30 | 31.18 2.48 -5.05 |
| HOMER_HL_115KV_TB2 355744 | 22.35 0.71 0.00 | 21.10 0.41 0.00 | 19.85 0.60 0.00 | 19.36 0.38 0.00 | 20.43 0.48 0.00 | 22.63 0.97 0.00 | 27.74 0.99 0.00 | 29.25 0.96 0.00 | 27.67 1.24 0.00 | 24.37 1.25 0.00 | 24.63 1.61 0.00 | 24.40 1.45 0.00 | 24.51 1.52 0.00 | 25.67 1.75 0.00 | 25.81 1.42 0.00 | 26.21 1.15 0.00 | 29.83 1.06 0.00 | 31.76 0.62 0.00 | 34.05 0.30 0.00 | 34.98 0.89 0.00 | 37.20 0.98 0.00 | 31.93 0.87 0.00 | 28.02 1.61 0.00 | 25.35 1.70 0.00 |
| HOWARD_WT_PWR 323690 | 21.53 -0.11 0.00 | 20.32 -0.37 0.00 | 19.06 -0.19 0.00 | 18.60 -0.38 0.00 | 19.69 -0.26 0.00 | 21.85 0.19 0.00 | 27.02 0.27 0.00 | 28.89 0.60 0.00 | 27.16 0.74 0.00 | 23.98 0.86 0.00 | 24.19 1.17 0.00 | 23.96 1.01 0.00 | 24.08 1.08 0.00 | 25.20 1.27 0.00 | 25.47 1.07 0.00 | 25.74 0.68 0.00 | 29.60 0.83 0.00 | 31.35 0.22 0.00 | 34.18 0.44 0.00 | 34.84 0.75 0.00 | 37.09 0.87 0.00 | 31.99 0.93 0.00 | 27.84 1.43 0.00 | 25.02 1.37 0.00 |
| HQ_GEN_CEDARS 23644 | 21.23 -0.41 0.00 | 20.54 -0.14 0.00 | 19.12 -0.13 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.40 -0.26 0.00 | 26.32 -0.43 0.00 | 27.93 -0.37 0.00 | 26.03 -0.40 0.00 | 22.78 -0.35 0.00 | 22.65 -0.37 0.00 | 22.57 -0.39 0.00 | 22.56 -0.44 0.00 | 23.55 -0.38 0.00 | 24.03 -0.37 0.00 | 24.66 -0.40 0.00 | 28.30 -0.46 0.00 | 30.51 -0.62 0.00 | 33.23 -0.51 0.00 | 33.55 -0.55 0.00 | 35.82 -0.40 0.00 | 30.44 -0.62 0.00 | 25.99 -0.42 0.00 | 23.34 -0.31 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS_PROXY 323590 | 21.33 -0.30 0.00 | 20.54 -0.14 0.00 | 19.12 -0.13 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.40 -0.26 0.00 | 26.32 -0.43 0.00 | 27.92 -0.37 0.00 | 26.03 -0.40 0.00 | 22.78 -0.35 0.00 | 22.65 -0.37 0.00 | 22.57 -0.39 0.00 | 22.56 -0.44 0.00 | 23.60 -0.38 -0.05 | 23.98 -0.37 0.05 | 24.66 -0.40 0.00 | 28.30 -0.46 0.00 | 30.51 -0.62 0.00 | 33.20 -0.54 0.00 | 33.55 -0.55 0.00 | 35.82 -0.40 0.00 | 30.44 -0.62 0.00 | 25.99 -0.42 0.00 | 23.34 -0.31 0.00 |
| HQ_GEN_IMPORT 323601 | 21.42 -0.22 0.00 | 20.56 -0.12 0.00 | 19.14 -0.11 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.42 -0.24 0.00 | 26.35 -0.40 0.00 | 27.92 -0.37 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.63 -0.32 0.00 | 22.67 -0.32 0.00 | 23.67 -0.31 -0.05 | 24.03 -0.32 0.05 | 24.73 -0.33 0.00 | 28.39 -0.37 0.00 | 30.69 -0.44 0.00 | 33.34 -0.40 0.00 | 33.69 -0.41 0.00 | 35.82 -0.40 0.00 | 30.62 -0.43 0.00 | 26.07 -0.34 0.00 | 23.34 -0.31 0.00 |
| HQ_GEN_WHEEL 23651 | 21.42 -0.22 0.00 | 20.56 -0.12 0.00 | 19.14 -0.11 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.42 -0.24 0.00 | 26.35 -0.40 0.00 | 27.92 -0.37 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.63 -0.32 0.00 | 22.67 -0.32 0.00 | 23.67 -0.31 -0.05 | 24.03 -0.32 0.05 | 24.73 -0.33 0.00 | 28.39 -0.37 0.00 | 30.69 -0.44 0.00 | 33.34 -0.40 0.00 | 33.69 -0.41 0.00 | 35.82 -0.40 0.00 | 30.62 -0.43 0.00 | 26.07 -0.34 0.00 | 23.34 -0.31 0.00 |
| HUDSON_AVE_GT_3 23810 | 23.19 1.56 0.00 | 21.83 1.14 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.92 2.17 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.67 2.27 0.00 | 27.62 2.53 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| HUDSON_AVE_GT_4 23540 | 23.19 1.56 0.00 | 21.83 1.14 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.92 2.17 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.67 2.27 0.00 | 27.62 2.53 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| HUDSON_AVE_GT_5 23657 | 23.19 1.56 0.00 | 21.83 1.14 0.00 | 20.28 1.02 0.00 | 20.03 1.04 0.00 | 20.99 1.04 0.00 | 22.96 1.30 0.00 | 28.92 2.17 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.67 2.27 0.00 | 27.62 2.53 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 37.08 3.34 0.00 | 37.40 3.31 0.00 | 39.62 3.40 0.00 | 34.13 3.07 0.00 | 28.71 2.30 0.00 | 25.30 1.66 0.00 |
| HUDSON_AVE_10 24168 | 23.13 1.49 0.00 | 21.76 1.08 0.00 | 20.22 0.96 0.00 | 19.97 0.99 0.00 | 20.93 0.98 0.00 | 22.89 1.23 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.80 2.38 0.00 | 25.18 2.06 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.64 2.24 0.00 | 27.57 2.48 -0.03 | 31.50 2.73 0.00 | 34.34 3.21 -0.01 | 37.01 3.27 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.66 2.24 0.00 | 25.26 1.61 0.00 |
| HUDSON___115KV_TB 4 355613 | 22.52 0.89 0.00 | 21.47 0.79 0.00 | 19.95 0.69 0.00 | 19.72 0.74 0.00 | 20.65 0.70 0.00 | 22.35 0.69 0.00 | 27.79 1.04 0.00 | 29.20 0.91 0.00 | 27.19 0.77 0.00 | 23.70 0.58 0.00 | 23.48 0.46 0.00 | 23.39 0.44 0.00 | 23.43 0.44 0.00 | 24.29 0.36 0.00 | 24.84 0.44 0.00 | 25.54 0.48 0.00 | 29.45 0.69 0.00 | 32.10 0.97 0.00 | 34.89 1.15 0.00 | 35.29 1.19 0.00 | 37.45 1.23 0.00 | 32.21 1.15 0.00 | 27.18 0.77 0.00 | 24.24 0.59 0.00 |
| HUNTER MOUNT___DRP 323613 | 22.55 0.91 0.00 | 21.52 0.83 0.00 | 19.97 0.71 0.00 | 19.74 0.76 0.00 | 20.67 0.72 0.00 | 22.35 0.69 0.00 | 27.74 0.99 0.00 | 29.09 0.79 0.00 | 27.09 0.66 0.00 | 23.54 0.42 0.00 | 23.30 0.28 0.00 | 23.19 0.23 0.00 | 23.23 0.23 0.00 | 24.07 0.14 0.00 | 24.64 0.24 0.00 | 25.31 0.25 0.00 | 29.22 0.46 0.00 | 31.85 0.72 0.00 | 34.68 0.94 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 32.05 0.99 0.00 | 27.04 0.63 0.00 | 24.17 0.52 0.00 |
| HUNTINGTON_RES_REC 323705 | 26.93 2.08 -3.22 | 26.77 1.76 -4.32 | 26.70 1.62 -5.83 | 22.41 1.61 -1.82 | 26.75 1.66 -5.15 | 27.27 1.99 -3.62 | 23.75 2.94 5.94 | 30.37 3.14 1.06 | 29.09 2.67 0.00 | 27.25 2.59 -1.53 | 31.03 2.60 -5.41 | 31.32 2.62 -5.75 | 30.54 2.60 -4.94 | 30.90 2.68 -4.30 | 31.12 2.73 -3.99 | 32.14 2.98 -4.10 | 36.18 3.33 -4.09 | 42.94 3.83 -7.98 | 46.70 3.98 -8.98 | 45.73 4.02 -7.61 | 47.06 4.24 -6.61 | 40.19 3.73 -5.41 | 31.66 2.96 -2.29 | 31.03 2.36 -5.02 |
| HUNTLEY___63 23557 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.14 -0.12 0.00 | 18.62 -0.36 0.00 | 19.63 -0.32 0.00 | 21.64 -0.02 0.00 | 26.40 -0.35 0.00 | 27.95 -0.34 0.00 | 26.43 0.00 0.00 | 23.26 0.14 0.00 | 23.55 0.53 0.00 | 23.30 0.34 0.00 | 23.43 0.44 0.00 | 24.57 0.65 0.00 | 24.76 0.37 0.00 | 25.04 -0.03 0.00 | 28.50 -0.26 0.00 | 30.26 -0.90 -0.03 | 32.29 -1.48 -0.03 | 33.30 -0.82 -0.03 | 35.42 -0.83 -0.03 | 30.41 -0.65 0.00 | 26.65 0.24 0.00 | 24.19 0.54 0.00 |
| HUNTLEY___64 23558 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.14 -0.12 0.00 | 18.62 -0.36 0.00 | 19.63 -0.32 0.00 | 21.64 -0.02 0.00 | 26.40 -0.35 0.00 | 27.95 -0.34 0.00 | 26.43 0.00 0.00 | 23.26 0.14 0.00 | 23.55 0.53 0.00 | 23.30 0.34 0.00 | 23.43 0.44 0.00 | 24.57 0.65 0.00 | 24.76 0.37 0.00 | 25.04 -0.03 0.00 | 28.50 -0.26 0.00 | 30.26 -0.90 -0.03 | 32.29 -1.48 -0.03 | 33.30 -0.82 -0.03 | 35.42 -0.83 -0.03 | 30.41 -0.65 0.00 | 26.65 0.24 0.00 | 24.19 0.54 0.00 |
| HUNTLEY___65 23559 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.14 -0.12 0.00 | 18.62 -0.36 0.00 | 19.63 -0.32 0.00 | 21.64 -0.02 0.00 | 26.40 -0.35 0.00 | 27.95 -0.34 0.00 | 26.43 0.00 0.00 | 23.26 0.14 0.00 | 23.55 0.53 0.00 | 23.30 0.34 0.00 | 23.43 0.44 0.00 | 24.57 0.65 0.00 | 24.76 0.37 0.00 | 25.04 -0.03 0.00 | 28.50 -0.26 0.00 | 30.26 -0.90 -0.03 | 32.29 -1.48 -0.03 | 33.30 -0.82 -0.03 | 35.42 -0.83 -0.03 | 30.41 -0.65 0.00 | 26.65 0.24 0.00 | 24.19 0.54 0.00 |
| HUNTLEY___66 23560 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.14 -0.12 0.00 | 18.62 -0.36 0.00 | 19.63 -0.32 0.00 | 21.64 -0.02 0.00 | 26.40 -0.35 0.00 | 27.95 -0.34 0.00 | 26.43 0.00 0.00 | 23.26 0.14 0.00 | 23.55 0.53 0.00 | 23.30 0.34 0.00 | 23.43 0.44 0.00 | 24.57 0.65 0.00 | 24.76 0.37 0.00 | 25.04 -0.03 0.00 | 28.50 -0.26 0.00 | 30.26 -0.90 -0.03 | 32.29 -1.48 -0.03 | 33.30 -0.82 -0.03 | 35.42 -0.83 -0.03 | 30.41 -0.65 0.00 | 26.65 0.24 0.00 | 24.19 0.54 0.00 |
| HUNTLEY___67 23561 | 21.38 -0.26 0.00 | 20.19 -0.50 0.00 | 19.06 -0.19 0.00 | 18.56 -0.42 0.00 | 19.57 -0.38 0.00 | 21.59 -0.06 0.00 | 26.32 -0.43 0.00 | 27.84 -0.45 0.00 | 26.29 -0.13 0.00 | 23.15 0.02 0.00 | 23.43 0.41 0.00 | 23.21 0.25 0.00 | 23.32 0.32 0.00 | 24.43 0.50 0.00 | 24.62 0.22 0.00 | 24.91 -0.15 0.00 | 28.36 -0.40 0.00 | 30.07 -1.06 0.00 | 32.12 -1.62 0.00 | 33.10 -0.99 0.00 | 35.21 -1.01 0.00 | 30.25 -0.81 0.00 | 26.49 0.08 0.00 | 24.07 0.43 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HUNTLEY___68 23562 | 21.38 -0.26 0.00 | 20.19 -0.50 0.00 | 19.06 -0.19 0.00 | 18.56 -0.42 0.00 | 19.57 -0.38 0.00 | 21.59 -0.06 0.00 | 26.32 -0.43 0.00 | 27.84 -0.45 0.00 | 26.29 -0.13 0.00 | 23.15 0.02 0.00 | 23.43 0.41 0.00 | 23.21 0.25 0.00 | 23.32 0.32 0.00 | 24.43 0.50 0.00 | 24.62 0.22 0.00 | 24.91 -0.15 0.00 | 28.36 -0.40 0.00 | 30.07 -1.06 0.00 | 32.12 -1.62 0.00 | 33.10 -0.99 0.00 | 35.21 -1.01 0.00 | 30.25 -0.81 0.00 | 26.49 0.08 0.00 | 24.07 0.43 0.00 |
| HYLAND___LFGE 323620 | 22.20 0.56 0.00 | 21.02 0.33 0.00 | 19.70 0.44 0.00 | 19.23 0.25 0.00 | 20.29 0.34 0.00 | 22.44 0.78 0.00 | 27.60 0.86 0.00 | 30.27 1.98 0.00 | 27.75 1.32 0.00 | 24.07 0.95 0.00 | 24.15 1.13 0.00 | 23.90 0.94 0.00 | 24.01 1.01 0.00 | 25.10 1.17 0.00 | 25.45 1.05 0.00 | 25.34 0.28 0.00 | 29.28 0.52 0.00 | 31.35 0.22 0.00 | 34.45 0.71 0.00 | 35.29 1.19 0.00 | 37.56 1.34 0.00 | 32.39 1.33 0.00 | 28.13 1.72 0.00 | 25.28 1.63 0.00 |
| INDECK___CORINTH 23802 | 22.48 0.84 0.00 | 21.52 0.83 0.00 | 19.91 0.66 0.00 | 19.65 0.66 0.00 | 20.69 0.74 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.60 1.30 0.00 | 27.62 1.19 0.00 | 24.05 0.93 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.80 0.80 0.00 | 24.65 0.72 0.00 | 25.25 0.85 0.00 | 26.11 1.05 0.00 | 30.06 1.30 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.70 1.64 0.00 | 27.63 1.22 0.00 | 24.62 0.97 0.00 |
| INDECK___ILION 23567 | 21.90 0.26 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.11 0.16 0.00 | 21.90 0.24 0.00 | 27.10 0.35 0.00 | 28.66 0.37 0.00 | 26.77 0.34 0.00 | 23.45 0.32 0.00 | 23.32 0.30 0.00 | 23.25 0.30 0.00 | 23.30 0.30 0.00 | 24.22 0.29 0.00 | 24.72 0.32 0.00 | 25.39 0.33 0.00 | 29.14 0.37 0.00 | 31.60 0.47 0.00 | 34.25 0.51 0.00 | 34.60 0.51 0.00 | 36.73 0.51 0.00 | 31.52 0.47 0.00 | 26.75 0.34 0.00 | 23.93 0.28 0.00 |
| INDECK___OLEAN 23982 | 22.28 0.65 0.00 | 21.12 0.44 0.00 | 19.87 0.62 0.00 | 19.36 0.38 0.00 | 20.45 0.50 0.00 | 22.63 0.98 0.00 | 27.74 0.99 0.00 | 29.26 0.96 0.00 | 27.69 1.27 0.00 | 24.37 1.25 0.00 | 24.63 1.61 0.00 | 24.40 1.45 0.00 | 24.51 1.52 0.00 | 25.70 1.77 0.00 | 25.79 1.39 0.00 | 26.21 1.15 0.00 | 30.00 1.24 0.00 | 31.72 0.59 0.00 | 34.38 0.64 0.00 | 35.02 0.92 0.00 | 37.16 0.94 0.00 | 32.02 0.96 0.00 | 28.10 1.69 0.00 | 25.35 1.70 0.00 |
| INDECK___OSWEGO 23783 | 21.29 -0.35 0.00 | 20.29 -0.39 0.00 | 18.91 -0.35 0.00 | 18.62 -0.36 0.00 | 19.57 -0.38 0.00 | 21.35 -0.30 0.00 | 26.29 -0.45 0.00 | 27.78 -0.51 0.00 | 25.95 -0.47 0.00 | 22.73 -0.39 0.00 | 22.63 -0.39 0.00 | 22.57 -0.39 0.00 | 22.61 -0.39 0.00 | 23.54 -0.38 0.00 | 23.98 -0.41 0.00 | 24.61 -0.45 0.00 | 28.25 -0.52 0.00 | 30.51 -0.62 0.00 | 33.07 -0.67 0.00 | 33.41 -0.68 0.00 | 35.50 -0.72 0.00 | 30.50 -0.56 0.00 | 26.01 -0.40 0.00 | 23.39 -0.26 0.00 |
| INDECK___YERKES 23781 | 21.44 -0.20 0.00 | 20.36 -0.33 0.00 | 19.18 -0.08 0.00 | 18.64 -0.34 0.00 | 19.67 -0.28 0.00 | 21.66 0.00 0.00 | 26.43 -0.32 0.00 | 27.98 -0.31 0.00 | 26.45 0.03 0.00 | 23.29 0.16 0.00 | 23.57 0.55 0.00 | 23.32 0.37 0.00 | 23.46 0.46 0.00 | 24.60 0.67 0.00 | 24.79 0.39 0.00 | 25.06 0.00 0.00 | 28.76 0.00 0.00 | 30.29 -0.87 -0.03 | 32.76 -1.01 -0.03 | 33.34 -0.78 -0.03 | 35.38 -0.87 -0.03 | 30.50 -0.56 0.00 | 26.78 0.37 0.00 | 24.21 0.57 0.00 |
| INDIAN POINT_GT_1 24139 | 23.04 1.41 0.00 | 21.74 1.06 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.87 1.21 0.00 | 28.70 1.95 0.00 | 30.41 2.12 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.82 1.86 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.30 1.90 0.00 | 27.19 2.13 0.00 | 31.12 2.36 0.00 | 33.90 2.77 0.00 | 36.64 2.90 0.00 | 36.96 2.86 0.00 | 39.19 2.97 0.00 | 33.70 2.64 0.00 | 28.42 2.01 0.00 | 25.11 1.47 0.00 |
| INDIAN POINT_GT_2 23659 | 23.04 1.41 0.00 | 21.74 1.06 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.87 1.21 0.00 | 28.70 1.95 0.00 | 30.41 2.12 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.82 1.86 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.30 1.90 0.00 | 27.19 2.13 0.00 | 31.12 2.36 0.00 | 33.90 2.77 0.00 | 36.64 2.90 0.00 | 36.96 2.86 0.00 | 39.19 2.97 0.00 | 33.70 2.64 0.00 | 28.42 2.01 0.00 | 25.11 1.47 0.00 |
| INDIAN POINT_GT_3 24019 | 23.04 1.41 0.00 | 21.74 1.06 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.87 1.21 0.00 | 28.70 1.95 0.00 | 30.41 2.12 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.82 1.86 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.30 1.90 0.00 | 27.19 2.13 0.00 | 31.12 2.36 0.00 | 33.90 2.77 0.00 | 36.64 2.90 0.00 | 36.96 2.86 0.00 | 39.19 2.97 0.00 | 33.70 2.64 0.00 | 28.42 2.01 0.00 | 25.11 1.47 0.00 |
| INDIAN POINT___2 23530 | 22.93 1.30 0.00 | 21.72 1.03 0.00 | 20.18 0.92 0.00 | 19.93 0.95 0.00 | 20.89 0.94 0.00 | 22.87 1.21 0.00 | 28.68 1.93 0.00 | 30.39 2.09 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.82 1.80 0.00 | 24.79 1.84 0.00 | 24.81 1.82 0.00 | 25.80 1.87 0.00 | 26.28 1.88 0.00 | 27.16 2.11 0.00 | 31.06 2.30 0.00 | 33.87 2.74 0.00 | 36.54 2.80 0.00 | 36.89 2.80 0.00 | 39.15 2.93 0.00 | 33.63 2.58 0.00 | 28.36 1.95 0.00 | 25.09 1.44 0.00 |
| INDIAN POINT___3 23531 | 23.02 1.38 0.00 | 21.74 1.06 0.00 | 20.18 0.92 0.00 | 19.93 0.95 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.67 1.93 0.00 | 30.39 2.09 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.81 1.80 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.06 2.30 0.00 | 33.84 2.71 0.00 | 36.57 2.83 0.00 | 36.89 2.80 0.00 | 39.12 2.90 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.09 1.44 0.00 |
| INGHAM_C_115KV_TB7 356103 | 21.90 0.26 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.13 0.18 0.00 | 21.92 0.26 0.00 | 27.12 0.37 0.00 | 28.66 0.37 0.00 | 26.80 0.37 0.00 | 23.47 0.35 0.00 | 23.36 0.35 0.00 | 23.30 0.34 0.00 | 23.34 0.34 0.00 | 24.24 0.31 0.00 | 24.74 0.34 0.00 | 25.39 0.33 0.00 | 29.17 0.40 0.00 | 31.63 0.50 0.00 | 34.28 0.54 0.00 | 34.64 0.55 0.00 | 36.80 0.58 0.00 | 31.59 0.53 0.00 | 26.81 0.40 0.00 | 23.96 0.31 0.00 |
| IP CORINTH___1 23988 | 22.57 0.93 0.00 | 21.52 0.83 0.00 | 19.91 0.65 0.00 | 19.65 0.66 0.00 | 20.69 0.74 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.59 1.30 0.00 | 27.61 1.19 0.00 | 24.05 0.93 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.80 0.80 0.00 | 24.65 0.72 0.00 | 25.25 0.85 0.00 | 26.11 1.05 0.00 | 30.06 1.29 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.70 1.65 0.00 | 27.65 1.24 0.00 | 24.62 0.97 0.00 |
| IP___TICONDEROGA 23804 | 23.48 1.84 0.00 | 22.43 1.74 0.00 | 20.68 1.42 0.00 | 20.41 1.42 0.00 | 21.51 1.56 0.00 | 23.48 1.82 0.00 | 29.29 2.54 0.00 | 30.78 2.49 0.00 | 28.70 2.27 0.00 | 24.88 1.76 0.00 | 24.56 1.54 0.00 | 24.54 1.58 0.00 | 24.58 1.59 0.00 | 25.36 1.44 0.00 | 26.03 1.63 0.00 | 27.04 1.98 0.00 | 31.18 2.42 0.00 | 33.99 2.86 0.00 | 36.95 3.21 0.00 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.10 3.04 0.00 | 28.87 2.46 0.00 | 25.68 2.03 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ISLIP_RES_REC 323679 | 27.09 2.23 -3.22 | 26.92 1.90 -4.33 | 26.85 1.75 -5.84 | 22.55 1.75 -1.82 | 26.90 1.80 -5.16 | 27.47 2.19 -3.63 | 36.50 3.24 -6.51 | 32.92 3.45 -1.18 | 29.33 2.91 0.00 | 27.39 2.73 -1.53 | 31.20 2.76 -5.42 | 31.44 2.73 -5.76 | 30.66 2.71 -4.95 | 31.08 2.85 -4.31 | 31.28 2.88 -4.00 | 32.35 3.18 -4.10 | 36.69 3.65 -4.27 | 44.86 4.17 -9.56 | 47.06 4.35 -8.96 | 46.09 4.40 -7.60 | 47.45 4.64 -6.60 | 40.72 4.07 -5.59 | 31.87 3.17 -2.30 | 31.26 2.58 -5.03 |
| JAMAICA__27_KV_LOAD 355505 | 23.19 1.56 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.96 1.30 0.00 | 29.00 2.25 0.00 | 30.87 2.57 0.00 | 28.99 2.56 0.00 | 25.35 2.22 0.00 | 25.25 2.23 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.79 2.39 0.00 | 27.75 2.66 -0.03 | 31.70 2.93 0.00 | 34.62 3.49 -0.01 | 37.22 3.48 0.00 | 37.54 3.44 0.00 | 39.81 3.59 0.00 | 34.35 3.29 0.00 | 28.84 2.43 0.00 | 25.37 1.73 0.00 |
| JANIS____SOLAR 323808 | 22.52 0.89 0.00 | 21.39 0.70 0.00 | 19.93 0.67 0.00 | 19.59 0.61 0.00 | 20.67 0.72 0.00 | 22.63 0.98 0.00 | 28.14 1.39 0.00 | 29.14 0.85 0.00 | 27.03 0.61 0.00 | 23.54 0.42 0.00 | 23.36 0.35 0.00 | 23.25 0.30 0.00 | 23.36 0.37 0.00 | 24.33 0.41 0.00 | 24.84 0.44 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 32.78 1.65 0.00 | 35.70 1.96 0.00 | 36.14 2.05 0.00 | 38.36 2.14 0.00 | 32.89 1.83 0.00 | 28.18 1.77 0.00 | 25.18 1.54 0.00 |
| JARVIS____ 23743 | 21.77 0.13 0.00 | 20.79 0.10 0.00 | 19.33 0.08 0.00 | 19.08 0.10 0.00 | 20.03 0.08 0.00 | 21.79 0.13 0.00 | 26.99 0.24 0.00 | 28.52 0.23 0.00 | 26.66 0.24 0.00 | 23.33 0.21 0.00 | 23.20 0.18 0.00 | 23.14 0.18 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.19 0.00 | 25.26 0.20 0.00 | 28.97 0.20 0.00 | 31.41 0.28 0.00 | 34.01 0.27 0.00 | 34.40 0.31 0.00 | 36.51 0.29 0.00 | 31.34 0.28 0.00 | 26.62 0.21 0.00 | 23.81 0.17 0.00 |
| JENNISON____1 23625 | 22.85 1.21 0.00 | 21.66 0.97 0.00 | 20.14 0.89 0.00 | 19.84 0.85 0.00 | 20.91 0.96 0.00 | 22.89 1.23 0.00 | 28.57 1.82 0.00 | 30.64 2.35 0.00 | 28.72 2.30 0.00 | 25.11 1.99 0.00 | 24.88 1.86 0.00 | 24.84 1.88 0.00 | 25.00 2.00 0.00 | 25.91 1.99 0.00 | 26.47 2.07 0.00 | 27.22 2.16 0.00 | 31.21 2.44 0.00 | 33.40 2.27 0.00 | 36.20 2.46 0.00 | 36.62 2.52 0.00 | 38.86 2.64 0.00 | 33.33 2.27 0.00 | 28.44 2.03 0.00 | 25.40 1.75 0.00 |
| JENNISON____2 23626 | 22.85 1.21 0.00 | 21.66 0.97 0.00 | 20.14 0.89 0.00 | 19.84 0.85 0.00 | 20.91 0.96 0.00 | 22.89 1.23 0.00 | 28.57 1.82 0.00 | 30.64 2.35 0.00 | 28.72 2.30 0.00 | 25.11 1.99 0.00 | 24.88 1.86 0.00 | 24.84 1.88 0.00 | 25.00 2.00 0.00 | 25.91 1.99 0.00 | 26.47 2.07 0.00 | 27.22 2.16 0.00 | 31.21 2.44 0.00 | 33.40 2.27 0.00 | 36.20 2.46 0.00 | 36.62 2.52 0.00 | 38.86 2.64 0.00 | 33.33 2.27 0.00 | 28.44 2.03 0.00 | 25.40 1.75 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 20.99 -0.65 0.00 | 20.23 -0.46 0.00 | 18.83 -0.42 0.00 | 18.64 -0.34 0.00 | 19.67 -0.28 0.00 | 21.29 -0.37 0.00 | 26.24 -0.51 0.00 | 27.98 -0.31 0.00 | 26.11 -0.32 0.00 | 22.80 -0.32 0.00 | 22.74 -0.28 0.00 | 22.66 -0.30 0.00 | 22.74 -0.25 0.00 | 23.81 -0.12 0.00 | 24.20 -0.20 0.00 | 24.94 -0.12 0.00 | 28.73 -0.03 0.00 | 30.98 -0.15 0.00 | 33.84 0.10 0.00 | 34.23 0.14 0.00 | 36.55 0.33 0.00 | 30.93 -0.12 0.00 | 26.41 0.00 0.00 | 23.65 0.00 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 23.19 1.56 0.00 | 21.89 1.20 0.00 | 20.34 1.08 0.00 | 20.05 1.06 0.00 | 21.03 1.08 0.00 | 23.00 1.34 0.00 | 28.86 2.11 0.00 | 30.53 2.24 0.00 | 28.59 2.17 0.00 | 25.02 1.90 0.00 | 24.95 1.93 0.00 | 24.93 1.97 0.00 | 24.97 1.98 0.00 | 25.94 2.01 0.00 | 26.50 2.10 0.00 | 27.44 2.38 0.00 | 31.41 2.65 0.00 | 34.24 3.11 0.00 | 36.98 3.24 0.00 | 37.30 3.20 0.00 | 39.55 3.33 0.00 | 33.95 2.89 0.00 | 28.60 2.19 0.00 | 25.30 1.66 0.00 |
| KCE_NY_1 323755 | 22.61 0.97 0.00 | 21.62 0.93 0.00 | 20.05 0.79 0.00 | 19.80 0.82 0.00 | 20.81 0.86 0.00 | 22.68 1.02 0.00 | 28.22 1.47 0.00 | 29.74 1.44 0.00 | 27.72 1.29 0.00 | 24.17 1.04 0.00 | 23.94 0.92 0.00 | 23.92 0.96 0.00 | 23.94 0.94 0.00 | 24.81 0.89 0.00 | 25.37 0.98 0.00 | 26.21 1.15 0.00 | 30.14 1.38 0.00 | 32.78 1.65 0.00 | 35.56 1.82 0.00 | 36.00 1.91 0.00 | 38.17 1.95 0.00 | 32.80 1.74 0.00 | 27.70 1.29 0.00 | 24.71 1.07 0.00 |
| KCE_NY_6_ESR 323823 | 21.72 0.09 0.00 | 20.61 -0.08 0.00 | 19.41 0.15 0.00 | 18.89 -0.09 0.00 | 19.93 -0.02 0.00 | 21.98 0.33 0.00 | 26.88 0.13 0.00 | 28.46 0.17 0.00 | 26.90 0.48 0.00 | 23.68 0.55 0.00 | 23.96 0.94 0.00 | 23.74 0.78 0.00 | 23.85 0.85 0.00 | 25.03 1.10 0.00 | 25.20 0.80 0.00 | 25.51 0.45 0.00 | 29.25 0.49 0.00 | 30.83 -0.31 0.00 | 33.34 -0.40 0.00 | 33.96 -0.14 0.00 | 36.05 -0.18 0.00 | 31.06 0.00 0.00 | 27.26 0.84 0.00 | 24.62 0.97 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 27.03 2.16 -3.24 | 26.88 1.84 -4.35 | 26.79 1.67 -5.86 | 22.50 1.69 -1.83 | 26.86 1.73 -5.18 | 27.40 2.10 -3.64 | 37.94 3.10 -8.09 | 33.07 3.31 -1.47 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.11 2.65 -5.44 | 31.37 2.64 -5.78 | 30.59 2.62 -4.97 | 30.98 2.73 -4.32 | 31.17 2.76 -4.01 | 32.21 3.03 -4.12 | 36.52 3.48 -4.28 | 44.74 3.89 -9.72 | 46.71 4.05 -8.93 | 45.74 4.09 -7.56 | 47.10 4.31 -6.57 | 40.54 3.88 -5.60 | 31.78 3.06 -2.30 | 31.18 2.48 -5.05 |
| KEDC_PORT_JEFF_GT3 24211 | 27.03 2.16 -3.24 | 26.88 1.84 -4.35 | 26.79 1.67 -5.86 | 22.50 1.69 -1.83 | 26.86 1.73 -5.18 | 27.40 2.10 -3.64 | 37.94 3.10 -8.09 | 33.07 3.31 -1.47 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.11 2.65 -5.44 | 31.37 2.64 -5.78 | 30.59 2.62 -4.97 | 30.98 2.73 -4.32 | 31.17 2.76 -4.01 | 32.21 3.03 -4.12 | 36.52 3.48 -4.28 | 44.74 3.89 -9.72 | 46.71 4.05 -8.93 | 45.74 4.09 -7.56 | 47.10 4.31 -6.57 | 40.54 3.88 -5.60 | 31.78 3.06 -2.30 | 31.18 2.48 -5.05 |
| KEDC_GLWD_GT4 24219 | 25.16 1.75 -1.77 | 24.54 1.47 -2.38 | 23.81 1.35 -3.21 | 21.33 1.35 -1.00 | 24.14 1.36 -2.83 | 25.32 1.67 -2.00 | 29.27 2.51 -0.01 | 31.08 2.77 -0.01 | 29.02 2.59 0.00 | 26.30 2.33 -0.84 | 28.37 2.37 -2.98 | 28.53 2.41 -3.16 | 28.11 2.39 -2.72 | 28.81 2.47 -2.42 | 29.38 2.49 -2.49 | 30.34 2.73 -2.54 | 37.70 2.96 -5.97 | 48.22 3.46 -13.63 | 50.13 3.54 -12.85 | 49.54 3.58 -11.87 | 49.44 3.77 -9.46 | 42.22 3.29 -7.87 | 30.23 2.56 -1.26 | 28.40 1.99 -2.77 |
| KEDC_GLWD_GT5 24220 | 25.16 1.75 -1.77 | 24.54 1.47 -2.38 | 23.81 1.35 -3.21 | 21.33 1.35 -1.00 | 24.14 1.36 -2.83 | 25.32 1.67 -2.00 | 29.27 2.51 -0.01 | 31.08 2.77 -0.01 | 29.02 2.59 0.00 | 26.30 2.33 -0.84 | 28.37 2.37 -2.98 | 28.53 2.41 -3.16 | 28.11 2.39 -2.72 | 28.81 2.47 -2.42 | 29.38 2.49 -2.49 | 30.34 2.73 -2.54 | 37.70 2.96 -5.97 | 48.22 3.46 -13.63 | 50.13 3.54 -12.85 | 49.54 3.58 -11.87 | 49.44 3.77 -9.46 | 42.22 3.29 -7.87 | 30.23 2.56 -1.26 | 28.40 1.99 -2.77 |
| KENSICO____ 23655 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.75 2.01 0.00 | 30.50 2.21 0.00 | 28.57 2.14 0.00 | 25.00 1.87 0.00 | 24.91 1.89 0.00 | 24.91 1.95 0.00 | 24.90 1.91 0.00 | 25.89 1.96 0.00 | 26.37 1.98 0.00 | 27.29 2.23 0.01 | 31.24 2.47 0.00 | 34.03 2.90 0.00 | 36.74 3.00 0.00 | 37.06 2.97 0.00 | 39.33 3.11 0.00 | 33.82 2.76 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |

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| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 23.09 1.45 0.00 | 21.76 1.08 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.85 0.90 0.00 | 22.87 1.21 0.00 | 28.62 1.87 0.00 | 30.30 2.01 0.00 | 28.41 1.98 0.00 | 24.77 1.64 0.00 | 24.65 1.63 0.00 | 24.56 1.61 0.00 | 24.63 1.63 0.00 | 25.60 1.67 0.00 | 26.13 1.73 0.00 | 26.94 1.88 0.00 | 30.86 2.10 0.00 | 33.68 2.55 0.00 | 36.44 2.70 0.00 | 36.79 2.69 0.00 | 39.01 2.79 0.00 | 33.60 2.55 0.00 | 28.29 1.88 0.00 | 25.02 1.37 0.00 |
| KIAC_JFK_GT1 23816 | 23.09 1.45 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.83 2.09 0.00 | 30.73 2.43 0.00 | 28.83 2.40 0.00 | 25.21 2.08 0.00 | 25.11 2.09 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.64 2.24 0.00 | 27.60 2.51 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 36.84 3.10 0.00 | 37.20 3.10 0.00 | 39.41 3.19 0.00 | 34.13 3.07 0.00 | 28.68 2.27 0.00 | 25.23 1.58 0.00 |
| KIAC_JFK_GT2 23817 | 23.09 1.45 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.85 1.19 0.00 | 28.83 2.09 0.00 | 30.73 2.43 0.00 | 28.83 2.40 0.00 | 25.21 2.08 0.00 | 25.11 2.09 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.64 2.24 0.00 | 27.60 2.51 -0.03 | 31.52 2.76 0.00 | 34.41 3.27 -0.01 | 36.84 3.10 0.00 | 37.20 3.10 0.00 | 39.41 3.19 0.00 | 34.13 3.07 0.00 | 28.68 2.27 0.00 | 25.23 1.58 0.00 |
| KIAC_JFK____ 323774 | 22.98 1.34 0.00 | 21.70 1.01 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.87 1.21 0.00 | 28.84 2.09 0.00 | 30.73 2.43 0.00 | 28.83 2.40 0.00 | 25.21 2.08 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.65 2.24 -0.01 | 27.60 2.51 -0.03 | 31.47 2.70 0.00 | 34.41 3.27 -0.01 | 36.78 3.04 0.00 | 37.19 3.10 0.00 | 39.44 3.22 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.23 1.58 0.00 |
| KINTIGH____ 23543 | 21.16 -0.48 0.00 | 20.01 -0.68 0.00 | 18.83 -0.42 0.00 | 18.37 -0.61 0.00 | 19.35 -0.60 0.00 | 21.29 -0.37 0.00 | 26.00 -0.75 0.00 | 27.53 -0.76 0.00 | 25.92 -0.50 0.00 | 22.80 -0.32 0.00 | 23.02 0.00 0.00 | 22.82 -0.14 0.00 | 22.93 -0.07 0.00 | 24.00 0.07 0.00 | 24.23 -0.17 0.00 | 24.56 -0.50 0.00 | 27.96 -0.81 0.00 | 29.73 -1.40 0.00 | 31.85 -1.89 0.00 | 32.69 -1.40 0.00 | 34.73 -1.49 0.00 | 29.88 -1.18 0.00 | 26.01 -0.40 0.00 | 23.60 -0.05 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 21.03 -0.61 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.66 0.37 0.00 | 26.72 0.29 0.00 | 23.31 0.19 0.00 | 23.27 0.25 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.12 1.02 0.00 | 37.23 1.01 0.00 | 31.34 0.28 0.00 | 26.83 0.42 0.00 | 23.98 0.33 0.00 |
| LACHUTE____HYDRO 323717 | 23.39 1.75 0.00 | 22.43 1.74 0.00 | 20.68 1.42 0.00 | 20.41 1.42 0.00 | 21.51 1.56 0.00 | 23.48 1.82 0.00 | 29.29 2.54 0.00 | 30.78 2.49 0.00 | 28.70 2.27 0.00 | 24.88 1.76 0.00 | 24.56 1.54 0.00 | 24.54 1.58 0.00 | 24.58 1.59 0.00 | 25.36 1.44 0.00 | 26.03 1.63 0.00 | 27.04 1.98 0.00 | 31.15 2.39 0.00 | 33.99 2.86 0.00 | 36.91 3.17 0.00 | 37.53 3.44 0.00 | 39.73 3.51 0.00 | 34.10 3.05 0.00 | 28.87 2.46 0.00 | 25.68 2.03 0.00 |
| LAWRNCV_115KV_TB1 80681 | 21.10 -0.54 0.00 | 20.40 -0.29 0.00 | 18.99 -0.27 0.00 | 18.72 -0.27 0.00 | 19.71 -0.24 0.00 | 21.27 -0.39 0.00 | 26.19 -0.56 0.00 | 27.78 -0.51 0.00 | 25.87 -0.55 0.00 | 22.62 -0.51 0.00 | 22.49 -0.53 0.00 | 22.40 -0.55 0.00 | 22.31 -0.69 0.00 | 23.28 -0.65 0.00 | 23.76 -0.63 0.00 | 24.36 -0.70 0.00 | 27.90 -0.86 0.00 | 30.07 -1.06 0.00 | 32.83 -0.91 0.00 | 33.14 -0.95 0.00 | 35.42 -0.80 0.00 | 30.03 -1.02 0.00 | 25.70 -0.71 0.00 | 23.22 -0.43 0.00 |
| LEDERLE____ 23769 | 23.11 1.47 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.95 1.00 0.00 | 22.94 1.28 0.00 | 28.75 2.01 0.00 | 30.47 2.18 0.00 | 28.57 2.14 0.00 | 25.00 1.87 0.00 | 24.91 1.89 0.00 | 24.86 1.91 0.00 | 24.88 1.89 0.00 | 25.87 1.94 0.00 | 26.37 1.98 0.00 | 27.24 2.18 0.00 | 31.15 2.39 0.00 | 33.93 2.80 0.00 | 36.68 2.94 0.00 | 36.99 2.90 0.00 | 39.26 3.04 0.00 | 33.76 2.70 0.00 | 28.47 2.06 0.00 | 25.16 1.51 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 21.48 -0.15 0.00 | 20.40 -0.29 0.00 | 19.01 -0.25 0.00 | 18.72 -0.27 0.00 | 19.71 -0.24 0.00 | 21.53 -0.13 0.00 | 26.56 -0.19 0.00 | 28.12 -0.17 0.00 | 26.21 -0.21 0.00 | 22.96 -0.16 0.00 | 22.83 -0.18 0.00 | 22.73 -0.23 0.00 | 22.79 -0.21 0.00 | 23.71 -0.22 0.00 | 24.18 -0.22 0.00 | 24.79 -0.28 0.00 | 28.42 -0.35 0.00 | 30.79 -0.34 0.00 | 33.40 -0.34 0.00 | 33.82 -0.27 0.00 | 36.04 -0.18 0.00 | 30.87 -0.19 0.00 | 26.33 -0.08 0.00 | 23.62 -0.02 0.00 |
| LINDEN COGEN____ 23786 | 22.98 1.34 0.00 | 21.70 1.01 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.14 2.01 0.00 | 25.09 2.07 0.00 | 25.07 2.11 0.00 | 25.07 2.07 0.00 | 26.06 2.13 0.00 | 26.55 2.15 -0.01 | 27.50 2.41 -0.03 | 31.35 2.59 0.00 | 34.22 3.08 -0.01 | 36.84 3.10 0.00 | 37.23 3.13 0.00 | 39.48 3.26 0.00 | 33.98 2.92 0.00 | 28.58 2.17 0.00 | 25.21 1.56 0.00 |
| LINDHRST_69_KV_BK1 356055 | 26.92 2.27 -3.01 | 26.60 1.86 -4.05 | 26.40 1.69 -5.45 | 22.37 1.69 -1.70 | 26.50 1.74 -4.82 | 27.13 2.08 -3.39 | 30.32 3.05 -0.52 | 31.67 3.28 -0.09 | 29.36 2.93 0.00 | 27.29 2.73 -1.43 | 30.84 2.76 -5.06 | 31.13 2.80 -5.38 | 30.36 2.74 -4.62 | 30.80 2.85 -4.03 | 31.05 2.88 -3.77 | 32.07 3.13 -3.87 | 36.66 3.45 -4.45 | 44.64 3.98 -9.52 | 47.50 4.22 -9.54 | 46.55 4.23 -8.23 | 47.66 4.42 -7.02 | 40.83 3.91 -5.85 | 31.64 3.09 -2.14 | 30.78 2.44 -4.70 |
| LIPA_MISC_IPP 23656 | 26.98 2.10 -3.24 | 26.77 1.72 -4.36 | 26.67 1.54 -5.88 | 22.37 1.56 -1.83 | 26.74 1.60 -5.19 | 27.26 1.95 -3.65 | 36.47 3.02 -6.70 | 32.73 3.23 -1.21 | 28.91 2.48 0.00 | 27.03 2.36 -1.54 | 30.85 2.37 -5.46 | 31.21 2.46 -5.80 | 30.35 2.37 -4.98 | 30.75 2.49 -4.33 | 30.95 2.54 -4.02 | 31.99 2.81 -4.13 | 36.35 3.34 -4.25 | 44.50 3.86 -9.51 | 46.72 4.08 -8.90 | 45.68 4.06 -7.53 | 47.05 4.27 -6.55 | 40.38 3.76 -5.56 | 31.63 2.91 -2.31 | 30.94 2.22 -5.07 |
| LISF____SOLAR 323691 | 26.93 2.06 -3.24 | 26.78 1.74 -4.36 | 26.71 1.58 -5.87 | 22.41 1.59 -1.83 | 26.77 1.64 -5.19 | 27.30 1.99 -3.65 | 36.64 3.07 -6.81 | 32.81 3.28 -1.24 | 28.94 2.51 0.00 | 27.05 2.38 -1.54 | 30.89 2.42 -5.45 | 31.16 2.41 -5.79 | 30.39 2.41 -4.98 | 30.77 2.51 -4.33 | 30.98 2.56 -4.02 | 32.04 2.86 -4.12 | 36.41 3.39 -4.25 | 44.59 3.92 -9.53 | 46.73 4.08 -8.91 | 45.75 4.12 -7.54 | 47.09 4.31 -6.56 | 40.41 3.79 -5.57 | 31.65 2.93 -2.31 | 31.07 2.36 -5.06 |
| LITTLE FALLS____HYD 24013 | 21.90 0.26 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.13 0.18 0.00 | 21.92 0.26 0.00 | 27.12 0.37 0.00 | 28.66 0.37 0.00 | 26.80 0.37 0.00 | 23.47 0.35 0.00 | 23.36 0.35 0.00 | 23.30 0.34 0.00 | 23.34 0.34 0.00 | 24.24 0.31 0.00 | 24.74 0.34 0.00 | 25.39 0.33 0.00 | 29.17 0.40 0.00 | 31.63 0.50 0.00 | 34.28 0.54 0.00 | 34.64 0.55 0.00 | 36.80 0.58 0.00 | 31.59 0.53 0.00 | 26.81 0.40 0.00 | 23.96 0.31 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 21.23 -0.41 0.00 | 20.54 -0.14 0.00 | 19.10 -0.15 0.00 | 18.85 -0.13 0.00 | 19.85 -0.10 0.00 | 21.44 -0.22 0.00 | 26.43 -0.32 0.00 | 28.04 -0.25 0.00 | 26.06 -0.37 0.00 | 22.78 -0.35 0.00 | 22.63 -0.39 0.00 | 22.52 -0.44 0.00 | 22.42 -0.57 0.00 | 23.40 -0.53 0.00 | 23.91 -0.49 0.00 | 24.51 -0.55 0.00 | 28.07 -0.69 0.00 | 30.29 -0.84 0.00 | 33.10 -0.64 0.00 | 33.48 -0.61 0.00 | 35.79 -0.43 0.00 | 30.31 -0.75 0.00 | 25.91 -0.50 0.00 | 23.39 -0.26 0.00 |
| LI_NEWBRDGE___DRP 323616 | 26.99 1.97 -3.38 | 26.83 1.59 -4.55 | 26.83 1.44 -6.13 | 22.34 1.44 -1.91 | 26.84 1.48 -5.41 | 27.24 1.78 -3.81 | 29.40 2.65 0.00 | 31.15 2.86 0.00 | 29.04 2.62 0.00 | 27.14 2.41 -1.61 | 31.15 2.44 -5.69 | 31.48 2.48 -6.04 | 30.63 2.44 -5.20 | 30.95 2.51 -4.51 | 31.10 2.54 -4.16 | 32.07 2.73 -4.27 | 35.72 2.99 -3.97 | 42.76 3.46 -8.17 | 45.88 3.61 -8.53 | 44.79 3.58 -7.11 | 46.26 3.77 -6.28 | 39.61 3.32 -5.23 | 31.49 2.67 -2.41 | 31.01 2.08 -5.28 |
| LOCKPORT_115KV_TB60_63_64 80432 | 21.38 -0.26 0.00 | 20.17 -0.52 0.00 | 19.04 -0.21 0.00 | 18.58 -0.40 0.00 | 19.53 -0.42 0.00 | 21.57 -0.09 0.00 | 26.32 -0.43 0.00 | 27.90 -0.40 0.00 | 26.35 -0.08 0.00 | 23.17 0.05 0.00 | 23.46 0.44 0.00 | 23.21 0.25 0.00 | 23.32 0.32 0.00 | 24.45 0.53 0.00 | 24.64 0.24 0.00 | 24.91 -0.15 0.00 | 28.39 -0.37 0.00 | 30.11 -1.03 -0.01 | 32.16 -1.59 -0.01 | 33.15 -0.95 -0.01 | 35.21 -1.01 -0.01 | 30.28 -0.78 0.00 | 26.54 0.13 0.00 | 24.10 0.45 0.00 |
| LOCKPORT___CC1 323769 | 21.38 -0.26 0.00 | 20.29 -0.39 0.00 | 19.10 -0.15 0.00 | 18.62 -0.36 0.00 | 19.59 -0.36 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.98 -0.31 0.00 | 26.43 0.00 0.00 | 23.24 0.12 0.00 | 23.52 0.51 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.55 0.62 0.00 | 24.74 0.34 0.00 | 25.01 -0.05 0.00 | 28.73 -0.03 0.00 | 30.21 -0.93 -0.01 | 32.70 -1.05 -0.01 | 33.28 -0.82 -0.01 | 35.32 -0.90 -0.01 | 30.47 -0.59 0.00 | 26.73 0.32 0.00 | 24.17 0.52 0.00 |
| LOCKPORT___CC2 323770 | 21.38 -0.26 0.00 | 20.29 -0.39 0.00 | 19.10 -0.15 0.00 | 18.62 -0.36 0.00 | 19.59 -0.36 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.98 -0.31 0.00 | 26.43 0.00 0.00 | 23.24 0.12 0.00 | 23.52 0.51 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.55 0.62 0.00 | 24.74 0.34 0.00 | 25.01 -0.05 0.00 | 28.73 -0.03 0.00 | 30.21 -0.93 0.00 | 32.70 -1.05 -0.01 | 33.28 -0.82 -0.01 | 35.32 -0.90 -0.01 | 30.47 -0.59 0.00 | 26.73 0.32 0.00 | 24.17 0.52 0.00 |
| LOCKPORT___CC3 323771 | 21.38 -0.26 0.00 | 20.29 -0.39 0.00 | 19.10 -0.15 0.00 | 18.62 -0.36 0.00 | 19.59 -0.36 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.98 -0.31 0.00 | 26.43 0.00 0.00 | 23.24 0.12 0.00 | 23.52 0.51 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.55 0.62 0.00 | 24.74 0.34 0.00 | 25.01 -0.05 0.00 | 28.73 -0.03 0.00 | 30.21 -0.93 -0.01 | 32.70 -1.05 -0.01 | 33.28 -0.82 -0.01 | 35.32 -0.90 -0.01 | 30.47 -0.59 0.00 | 26.73 0.32 0.00 | 24.17 0.52 0.00 |
| LONG_LAKE_PHOENIX 24014 | 21.44 -0.19 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.70 -0.28 0.00 | 19.67 -0.28 0.00 | 21.44 -0.22 0.00 | 26.45 -0.29 0.00 | 28.01 -0.28 0.00 | 26.16 -0.26 0.00 | 22.92 -0.21 0.00 | 22.81 -0.21 0.00 | 22.75 -0.21 0.00 | 22.81 -0.18 0.00 | 23.76 -0.17 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.48 -0.29 0.00 | 30.76 -0.37 0.00 | 33.27 -0.47 0.00 | 33.65 -0.44 0.00 | 35.71 -0.51 0.00 | 30.65 -0.40 0.00 | 26.20 -0.21 0.00 | 23.53 -0.12 0.00 |
| LOVETT___3 23632 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.65 1.90 0.00 | 30.36 2.07 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.79 1.77 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.04 2.27 0.00 | 33.81 2.68 0.00 | 36.54 2.80 0.00 | 36.85 2.76 0.00 | 39.08 2.86 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.07 1.42 0.00 |
| LOVETT___4 23642 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.65 1.90 0.00 | 30.36 2.07 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.79 1.77 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.04 2.27 0.00 | 33.81 2.68 0.00 | 36.54 2.80 0.00 | 36.85 2.76 0.00 | 39.08 2.86 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.07 1.42 0.00 |
| LOVETT___5 23593 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.65 1.90 0.00 | 30.36 2.07 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.79 1.77 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.04 2.27 0.00 | 33.81 2.68 0.00 | 36.54 2.80 0.00 | 36.85 2.76 0.00 | 39.08 2.86 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.07 1.42 0.00 |
| LOWER RAQUET___HYD 24057 | 21.16 -0.48 0.00 | 20.36 -0.33 0.00 | 18.95 -0.31 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.20 -0.46 0.00 | 26.16 -0.59 0.00 | 27.75 -0.54 0.00 | 25.82 -0.61 0.00 | 22.57 -0.56 0.00 | 22.44 -0.57 0.00 | 22.34 -0.62 0.00 | 22.21 -0.78 0.00 | 23.19 -0.74 0.00 | 23.69 -0.71 0.00 | 24.23 -0.83 0.00 | 27.76 -1.01 0.00 | 29.95 -1.18 0.00 | 32.66 -1.08 0.00 | 33.04 -1.06 0.00 | 35.32 -0.90 0.00 | 29.91 -1.15 0.00 | 25.62 -0.79 0.00 | 23.17 -0.47 0.00 |
| LOWER___HUDSON 24059 | 22.39 0.76 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.63 0.68 0.00 | 22.46 0.80 0.00 | 27.98 1.23 0.00 | 29.48 1.19 0.00 | 27.43 1.00 0.00 | 23.91 0.79 0.00 | 23.73 0.71 0.00 | 23.71 0.76 0.00 | 23.71 0.71 0.00 | 24.60 0.67 0.00 | 25.13 0.73 0.00 | 25.91 0.85 0.00 | 29.80 1.03 0.00 | 32.38 1.25 0.00 | 35.16 1.42 0.00 | 35.56 1.46 0.00 | 37.74 1.52 0.00 | 32.42 1.37 0.00 | 27.33 0.92 0.00 | 24.43 0.78 0.00 |
| LOWVILLE_115KV_TB2 356335 | 21.90 0.26 0.00 | 20.69 0.00 0.00 | 19.28 0.02 0.00 | 18.98 0.00 0.00 | 19.99 0.04 0.00 | 22.00 0.35 0.00 | 27.28 0.53 0.00 | 28.86 0.57 0.00 | 26.82 0.40 0.00 | 23.38 0.25 0.00 | 23.18 0.16 0.00 | 23.07 0.11 0.00 | 23.09 0.09 0.00 | 24.00 0.07 0.00 | 24.50 0.10 0.00 | 25.16 0.10 0.00 | 28.96 0.20 0.00 | 31.54 0.40 0.00 | 34.35 0.61 0.00 | 34.81 0.72 0.00 | 37.13 0.91 0.00 | 31.71 0.65 0.00 | 26.97 0.55 0.00 | 24.14 0.50 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 22.70 1.06 0.00 | 21.62 0.93 0.00 | 20.05 0.79 0.00 | 19.78 0.80 0.00 | 20.81 0.86 0.00 | 22.65 1.00 0.00 | 28.19 1.44 0.00 | 29.71 1.41 0.00 | 27.72 1.29 0.00 | 24.14 1.02 0.00 | 23.94 0.92 0.00 | 23.90 0.94 0.00 | 23.92 0.92 0.00 | 24.81 0.89 0.00 | 25.37 0.98 0.00 | 26.19 1.13 0.00 | 30.14 1.38 0.00 | 32.75 1.62 0.00 | 35.56 1.82 0.00 | 35.97 1.88 0.00 | 38.14 1.92 0.00 | 32.77 1.71 0.00 | 27.70 1.29 0.00 | 24.71 1.06 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 22.70 1.06 0.00 | 21.62 0.93 0.00 | 20.05 0.79 0.00 | 19.80 0.82 0.00 | 20.81 0.86 0.00 | 22.68 1.02 0.00 | 28.22 1.47 0.00 | 29.74 1.44 0.00 | 27.72 1.29 0.00 | 24.17 1.04 0.00 | 23.94 0.92 0.00 | 23.90 0.94 0.00 | 23.94 0.94 0.00 | 24.81 0.89 0.00 | 25.37 0.98 0.00 | 26.21 1.15 0.00 | 30.17 1.41 0.00 | 32.78 1.65 0.00 | 35.60 1.86 0.00 | 36.00 1.91 0.00 | 38.18 1.96 0.00 | 32.80 1.74 0.00 | 27.73 1.32 0.00 | 24.71 1.06 0.00 |

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| LWR___OSWEGATCHIE_HYD 23850 | 21.38 -0.26 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.53 -0.13 0.00 | 26.61 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.45 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |
| LYONS_FALL_HYD 23570 | 21.98 0.35 0.00 | 20.85 0.16 0.00 | 19.41 0.15 0.00 | 19.12 0.13 0.00 | 20.13 0.18 0.00 | 22.07 0.41 0.00 | 27.39 0.64 0.00 | 28.97 0.68 0.00 | 26.95 0.53 0.00 | 23.54 0.42 0.00 | 23.34 0.32 0.00 | 23.25 0.30 0.00 | 23.29 0.30 0.00 | 24.19 0.26 0.00 | 24.69 0.29 0.00 | 25.36 0.30 0.00 | 29.22 0.46 0.00 | 31.79 0.65 0.00 | 34.58 0.84 0.00 | 34.98 0.88 0.00 | 37.23 1.01 0.00 | 31.83 0.78 0.00 | 27.07 0.66 0.00 | 24.24 0.59 0.00 |
| MADISON___COUNTY_LFGE 323628 | 22.26 0.63 0.00 | 21.16 0.48 0.00 | 19.70 0.44 0.00 | 19.40 0.42 0.00 | 20.43 0.48 0.00 | 22.31 0.65 0.00 | 27.68 0.94 0.00 | 29.28 0.99 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.80 0.78 0.00 | 23.74 0.78 0.00 | 23.82 0.83 0.00 | 24.72 0.79 0.00 | 25.25 0.85 0.00 | 25.89 0.83 0.00 | 29.68 0.92 0.00 | 32.25 1.12 0.00 | 34.99 1.25 0.00 | 35.39 1.30 0.00 | 37.60 1.38 0.00 | 32.21 1.15 0.00 | 27.41 1.00 0.00 | 24.52 0.87 0.00 |
| MALONE___115KV_TB1 356076 | 21.05 -0.58 0.00 | 20.42 -0.27 0.00 | 19.01 -0.25 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.48 -0.17 0.00 | 26.51 -0.24 0.00 | 28.26 -0.03 0.00 | 26.32 -0.11 0.00 | 22.99 -0.14 0.00 | 22.88 -0.14 0.00 | 22.77 -0.18 0.00 | 22.81 -0.18 0.00 | 23.88 -0.05 0.00 | 24.35 -0.05 0.00 | 25.01 -0.05 0.00 | 28.82 0.06 0.00 | 30.97 -0.16 0.00 | 33.91 0.17 0.00 | 34.26 0.17 0.00 | 36.69 0.47 0.00 | 30.93 -0.12 0.00 | 26.46 0.05 0.00 | 23.72 0.07 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 22.48 0.84 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.61 0.66 0.00 | 22.35 0.69 0.00 | 27.85 1.10 0.00 | 29.34 1.05 0.00 | 27.35 0.92 0.00 | 23.89 0.76 0.00 | 23.71 0.69 0.00 | 23.67 0.71 0.00 | 23.69 0.69 0.00 | 24.57 0.65 0.00 | 25.11 0.71 0.00 | 25.86 0.80 0.00 | 29.71 0.95 0.00 | 32.25 1.12 0.00 | 35.02 1.28 0.00 | 35.35 1.26 0.00 | 37.52 1.30 0.00 | 32.24 1.18 0.00 | 27.20 0.79 0.00 | 24.29 0.64 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 21.10 -0.54 0.00 | 20.15 -0.54 0.00 | 18.70 -0.56 0.00 | 18.43 -0.55 0.00 | 19.39 -0.56 0.00 | 21.01 -0.65 0.00 | 25.97 -0.78 0.00 | 27.59 -0.71 0.00 | 25.84 -0.58 0.00 | 22.71 -0.42 0.00 | 22.67 -0.34 0.00 | 22.61 -0.34 0.00 | 22.65 -0.34 0.00 | 23.57 -0.36 0.00 | 24.03 -0.37 0.00 | 24.71 -0.35 0.00 | 28.42 -0.34 0.00 | 30.79 -0.34 0.00 | 33.44 -0.30 0.00 | 33.75 -0.34 0.00 | 35.89 -0.33 0.00 | 30.69 -0.37 0.00 | 26.07 -0.34 0.00 | 23.34 -0.31 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 21.10 -0.54 0.00 | 20.15 -0.54 0.00 | 18.70 -0.56 0.00 | 18.43 -0.55 0.00 | 19.39 -0.56 0.00 | 21.01 -0.65 0.00 | 25.97 -0.78 0.00 | 27.59 -0.71 0.00 | 25.84 -0.58 0.00 | 22.71 -0.42 0.00 | 22.67 -0.34 0.00 | 22.61 -0.34 0.00 | 22.65 -0.34 0.00 | 23.57 -0.36 0.00 | 24.03 -0.37 0.00 | 24.71 -0.35 0.00 | 28.42 -0.34 0.00 | 30.79 -0.34 0.00 | 33.44 -0.30 0.00 | 33.75 -0.34 0.00 | 35.89 -0.33 0.00 | 30.69 -0.37 0.00 | 26.07 -0.34 0.00 | 23.34 -0.31 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 20.88 -0.76 0.00 | 20.13 -0.56 0.00 | 18.79 -0.46 0.00 | 18.64 -0.34 0.00 | 19.75 -0.20 0.00 | 21.48 -0.17 0.00 | 26.53 -0.21 0.00 | 28.41 0.11 0.00 | 26.51 0.08 0.00 | 23.13 0.00 0.00 | 23.11 0.09 0.00 | 23.02 0.07 0.00 | 23.11 0.12 0.00 | 24.31 0.38 0.00 | 24.67 0.27 0.00 | 25.44 0.38 0.00 | 29.34 0.58 0.00 | 31.63 0.50 0.00 | 34.68 0.94 0.00 | 35.08 0.99 0.00 | 36.66 0.44 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| MARSHVLE_115KV_TB1 80742 | 23.26 1.62 0.00 | 22.30 1.61 0.00 | 20.62 1.37 0.00 | 20.33 1.35 0.00 | 21.45 1.50 0.00 | 23.52 1.86 0.00 | 29.42 2.67 0.00 | 30.92 2.63 0.00 | 28.86 2.43 0.00 | 25.00 1.87 0.00 | 24.72 1.70 0.00 | 24.52 1.56 0.00 | 24.61 1.61 0.00 | 25.48 1.56 0.00 | 26.11 1.71 0.00 | 26.99 1.93 0.00 | 31.09 2.33 0.00 | 34.03 2.90 0.00 | 37.05 3.31 0.00 | 37.57 3.48 0.00 | 39.81 3.59 0.00 | 34.10 3.04 0.00 | 29.16 2.75 0.00 | 25.87 2.22 0.00 |
| MARSH_HILL_WT_PWR 323713 | 21.53 -0.11 0.00 | 20.29 -0.39 0.00 | 19.05 -0.21 0.00 | 18.60 -0.38 0.00 | 19.67 -0.28 0.00 | 21.83 0.17 0.00 | 26.99 0.24 0.00 | 28.86 0.57 0.00 | 27.14 0.71 0.00 | 23.96 0.83 0.00 | 24.17 1.15 0.00 | 23.94 0.99 0.00 | 24.05 1.06 0.00 | 25.15 1.22 0.00 | 25.42 1.02 0.00 | 25.71 0.65 0.00 | 29.54 0.78 0.00 | 31.29 0.16 0.00 | 34.15 0.41 0.00 | 34.81 0.72 0.00 | 37.06 0.83 0.00 | 31.96 0.90 0.00 | 27.78 1.37 0.00 | 24.97 1.32 0.00 |
| MCINTYRE_115KV_TB2 80467 | 21.33 -0.30 0.00 | 20.67 -0.02 0.00 | 19.24 -0.02 0.00 | 18.96 -0.02 0.00 | 19.97 0.02 0.00 | 21.55 -0.11 0.00 | 26.56 -0.19 0.00 | 28.15 -0.14 0.00 | 26.13 -0.29 0.00 | 22.82 -0.30 0.00 | 22.67 -0.35 0.00 | 22.57 -0.39 0.00 | 22.51 -0.48 0.00 | 23.50 -0.43 0.00 | 24.01 -0.39 0.00 | 24.64 -0.43 0.00 | 28.25 -0.52 0.00 | 30.51 -0.62 0.00 | 33.37 -0.37 0.00 | 33.75 -0.34 0.00 | 36.11 -0.11 0.00 | 30.56 -0.50 0.00 | 26.12 -0.29 0.00 | 23.51 -0.14 0.00 |
| MECO____69_KV_BK1 80468 | 24.06 2.42 0.00 | 23.15 2.46 0.00 | 21.30 2.04 0.00 | 20.99 2.01 0.00 | 22.19 2.23 0.00 | 24.34 2.69 0.00 | 30.49 3.74 0.00 | 31.91 3.62 0.00 | 29.76 3.33 0.00 | 25.62 2.50 0.00 | 25.21 2.19 0.00 | 25.07 2.11 0.00 | 25.16 2.16 0.00 | 26.01 2.08 0.00 | 26.74 2.34 0.00 | 27.82 2.76 0.00 | 32.16 3.39 0.00 | 35.43 4.30 0.00 | 38.60 4.86 0.00 | 39.24 5.15 0.00 | 41.54 5.32 0.00 | 35.53 4.47 0.00 | 30.32 3.91 0.00 | 26.89 3.24 0.00 |
| MENANDS__115KV_TB5 355628 | 22.42 0.78 0.00 | 21.33 0.64 0.00 | 19.83 0.58 0.00 | 19.61 0.63 0.00 | 20.57 0.62 0.00 | 22.29 0.63 0.00 | 27.76 1.02 0.00 | 29.23 0.93 0.00 | 27.24 0.82 0.00 | 23.82 0.69 0.00 | 23.64 0.62 0.00 | 23.60 0.64 0.00 | 23.62 0.62 0.00 | 24.50 0.57 0.00 | 25.01 0.61 0.00 | 25.79 0.73 0.00 | 29.57 0.81 0.00 | 32.10 0.97 0.00 | 34.82 1.08 0.00 | 35.15 1.06 0.00 | 37.31 1.09 0.00 | 32.05 0.99 0.00 | 27.04 0.63 0.00 | 24.14 0.50 0.00 |
| MG INDUSTRY___DRP 24185 | 22.33 0.69 0.00 | 21.29 0.60 0.00 | 19.80 0.54 0.00 | 19.57 0.59 0.00 | 20.53 0.58 0.00 | 22.22 0.56 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.03 0.61 0.00 | 23.61 0.49 0.00 | 23.43 0.41 0.00 | 23.39 0.44 0.00 | 23.41 0.41 0.00 | 24.29 0.36 0.00 | 24.81 0.41 0.00 | 25.56 0.50 0.00 | 29.42 0.66 0.00 | 31.97 0.84 0.00 | 34.68 0.94 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 27.07 0.66 0.00 | 24.17 0.52 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 21.38 -0.26 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.53 -0.13 0.00 | 26.61 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.45 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |

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| MID___RAQUETTE_HYD 23851 | 21.05 -0.58 0.00 | 20.36 -0.33 0.00 | 18.95 -0.31 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.22 -0.43 0.00 | 26.16 -0.59 0.00 | 27.76 -0.54 0.00 | 25.82 -0.61 0.00 | 22.57 -0.56 0.00 | 22.44 -0.58 0.00 | 22.34 -0.62 0.00 | 22.21 -0.78 0.00 | 23.19 -0.74 0.00 | 23.69 -0.71 0.00 | 24.23 -0.83 0.00 | 27.76 -1.01 0.00 | 29.95 -1.18 0.00 | 32.69 -1.05 0.00 | 33.04 -1.06 0.00 | 35.31 -0.91 0.00 | 29.94 -1.12 0.00 | 25.62 -0.79 0.00 | 23.17 -0.47 0.00 |
| MILLIKEN___1 23584 | 22.09 0.45 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.42 0.67 0.00 | 29.00 0.71 0.00 | 27.06 0.63 0.00 | 23.68 0.56 0.00 | 23.57 0.55 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.53 0.60 0.00 | 25.01 0.61 0.00 | 25.64 0.58 0.00 | 29.45 0.69 0.00 | 31.94 0.81 0.00 | 34.55 0.81 0.00 | 35.01 0.92 0.00 | 37.16 0.94 0.00 | 31.90 0.84 0.00 | 27.31 0.90 0.00 | 24.45 0.80 0.00 |
| MILLIKEN___2 23585 | 22.09 0.45 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.42 0.67 0.00 | 29.00 0.71 0.00 | 27.06 0.63 0.00 | 23.68 0.56 0.00 | 23.57 0.55 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.53 0.60 0.00 | 25.01 0.61 0.00 | 25.64 0.58 0.00 | 29.45 0.69 0.00 | 31.94 0.81 0.00 | 34.55 0.81 0.00 | 35.01 0.92 0.00 | 37.16 0.94 0.00 | 31.90 0.84 0.00 | 27.31 0.90 0.00 | 24.45 0.80 0.00 |
| MILLIKEN___DIESEL 23629 | 22.09 0.45 0.00 | 20.98 0.29 0.00 | 19.55 0.29 0.00 | 19.23 0.25 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.42 0.67 0.00 | 29.00 0.71 0.00 | 27.06 0.63 0.00 | 23.68 0.56 0.00 | 23.57 0.55 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.53 0.60 0.00 | 25.01 0.61 0.00 | 25.64 0.58 0.00 | 29.45 0.69 0.00 | 31.94 0.81 0.00 | 34.55 0.81 0.00 | 35.01 0.92 0.00 | 37.16 0.94 0.00 | 31.90 0.84 0.00 | 27.31 0.90 0.00 | 24.45 0.80 0.00 |
| MILLSEAT___LFGE 323607 | 21.59 -0.04 0.00 | 20.50 -0.19 0.00 | 19.28 0.02 0.00 | 18.79 -0.19 0.00 | 19.77 -0.18 0.00 | 21.85 0.19 0.00 | 26.70 -0.05 0.00 | 28.38 0.09 0.00 | 26.80 0.37 0.00 | 23.52 0.39 0.00 | 23.80 0.78 0.00 | 23.51 0.55 0.00 | 23.64 0.64 0.00 | 24.81 0.89 0.00 | 25.01 0.61 0.00 | 25.29 0.23 0.00 | 29.08 0.32 0.00 | 30.55 -0.59 0.00 | 33.14 -0.61 0.00 | 33.69 -0.41 0.00 | 35.72 -0.51 0.00 | 30.84 -0.22 0.00 | 26.99 0.58 0.00 | 24.40 0.76 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 23.06 1.43 0.00 | 21.76 1.08 0.00 | 20.22 0.96 0.00 | 19.95 0.97 0.00 | 20.93 0.98 0.00 | 22.89 1.23 0.00 | 28.70 1.95 0.00 | 30.44 2.15 0.00 | 28.49 2.06 0.00 | 24.93 1.80 0.00 | 24.86 1.84 0.00 | 24.82 1.86 0.00 | 24.84 1.84 0.00 | 25.82 1.89 0.00 | 26.33 1.93 0.00 | 27.21 2.16 0.00 | 31.15 2.39 0.00 | 33.93 2.80 0.00 | 36.64 2.90 0.00 | 36.99 2.90 0.00 | 39.23 3.01 0.00 | 33.73 2.67 0.00 | 28.42 2.01 0.00 | 25.14 1.49 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 23.13 1.49 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.78 2.03 0.00 | 30.50 2.21 0.00 | 28.57 2.14 0.00 | 25.00 1.87 0.00 | 24.93 1.91 0.00 | 24.88 1.93 0.00 | 24.93 1.93 0.00 | 25.89 1.96 0.00 | 26.42 2.03 0.00 | 27.34 2.28 0.00 | 31.29 2.53 0.00 | 34.09 2.96 0.00 | 36.81 3.07 0.00 | 37.13 3.03 0.00 | 39.41 3.19 0.00 | 33.85 2.80 0.00 | 28.52 2.11 0.00 | 25.23 1.58 0.00 |
| MODEL_CITY_ENERGY 24167 | 21.05 -0.58 0.00 | 20.01 -0.68 0.00 | 18.81 -0.44 0.00 | 18.36 -0.63 0.00 | 19.29 -0.66 0.00 | 21.31 -0.35 0.00 | 25.92 -0.83 0.00 | 27.44 -0.85 0.00 | 25.90 -0.53 0.00 | 22.80 -0.32 0.00 | 23.09 0.07 0.00 | 22.84 -0.11 0.00 | 22.97 -0.02 0.00 | 24.07 0.14 0.00 | 24.25 -0.15 0.00 | 24.51 -0.55 0.00 | 28.16 -0.61 0.00 | 29.58 -1.56 0.00 | 31.99 -1.76 0.00 | 32.60 -1.50 0.00 | 34.56 -1.67 0.00 | 29.85 -1.21 0.00 | 26.17 -0.24 0.00 | 23.72 0.07 0.00 |
| MODERN_LFGE___ 323580 | 21.05 -0.58 0.00 | 20.01 -0.68 0.00 | 18.81 -0.44 0.00 | 18.36 -0.63 0.00 | 19.29 -0.66 0.00 | 21.31 -0.35 0.00 | 25.92 -0.83 0.00 | 27.44 -0.85 0.00 | 25.90 -0.53 0.00 | 22.80 -0.32 0.00 | 23.09 0.07 0.00 | 22.84 -0.11 0.00 | 22.97 -0.02 0.00 | 24.07 0.14 0.00 | 24.25 -0.15 0.00 | 24.51 -0.55 0.00 | 28.16 -0.61 0.00 | 29.58 -1.56 0.00 | 31.99 -1.76 0.00 | 32.60 -1.50 0.00 | 34.56 -1.67 0.00 | 29.85 -1.21 0.00 | 26.17 -0.24 0.00 | 23.72 0.07 0.00 |
| MOHAWK_PAPER___DRP 24187 | 22.48 0.84 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.61 0.66 0.00 | 22.35 0.69 0.00 | 27.85 1.10 0.00 | 29.34 1.05 0.00 | 27.35 0.92 0.00 | 23.89 0.76 0.00 | 23.71 0.69 0.00 | 23.67 0.71 0.00 | 23.69 0.69 0.00 | 24.57 0.65 0.00 | 25.11 0.71 0.00 | 25.86 0.80 0.00 | 29.71 0.95 0.00 | 32.25 1.12 0.00 | 35.02 1.28 0.00 | 35.35 1.26 0.00 | 37.52 1.30 0.00 | 32.24 1.18 0.00 | 27.20 0.79 0.00 | 24.29 0.64 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 22.70 1.06 0.00 | 21.64 0.95 0.00 | 20.03 0.77 0.00 | 19.76 0.78 0.00 | 20.79 0.84 0.00 | 22.68 1.02 0.00 | 28.25 1.50 0.00 | 29.76 1.47 0.00 | 27.75 1.32 0.00 | 24.14 1.02 0.00 | 23.92 0.90 0.00 | 23.87 0.92 0.00 | 23.89 0.90 0.00 | 24.74 0.81 0.00 | 25.35 0.95 0.00 | 26.21 1.15 0.00 | 30.20 1.44 0.00 | 32.84 1.71 0.00 | 35.70 1.96 0.00 | 36.14 2.05 0.00 | 38.32 2.10 0.00 | 32.89 1.83 0.00 | 27.78 1.37 0.00 | 24.76 1.11 0.00 |
| MONGAUP___HYD 23641 | 22.89 1.25 0.00 | 21.70 1.01 0.00 | 20.14 0.89 0.00 | 19.87 0.89 0.00 | 20.79 0.84 0.00 | 22.78 1.13 0.00 | 28.27 1.52 0.00 | 29.90 1.61 0.00 | 27.98 1.56 0.00 | 24.56 1.43 0.00 | 24.45 1.43 0.00 | 24.36 1.40 0.00 | 24.40 1.40 0.00 | 25.36 1.44 0.00 | 25.89 1.49 0.00 | 26.71 1.65 0.00 | 30.55 1.78 0.00 | 33.34 2.21 0.00 | 35.53 1.79 0.00 | 35.93 1.84 0.00 | 38.14 1.92 0.00 | 32.80 1.74 0.00 | 28.10 1.69 0.00 | 24.90 1.25 0.00 |
| MONTAUK___DIESEL 23721 | 26.96 2.08 -3.24 | 26.74 1.70 -4.36 | 26.65 1.52 -5.88 | 22.33 1.52 -1.83 | 26.70 1.56 -5.19 | 27.26 1.95 -3.65 | 36.63 3.13 -6.75 | 32.82 3.31 -1.22 | 28.88 2.46 0.00 | 26.96 2.29 -1.54 | 30.82 2.35 -5.46 | 31.57 2.82 -5.79 | 30.90 2.92 -4.98 | 31.35 3.09 -4.33 | 31.56 3.15 -4.02 | 32.69 3.51 -4.12 | 37.24 4.23 -4.25 | 45.51 4.86 -9.52 | 47.77 5.13 -8.91 | 46.81 5.18 -7.53 | 48.21 5.43 -6.56 | 41.34 4.72 -5.56 | 32.31 3.59 -2.31 | 31.53 2.81 -5.06 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 21.74 0.11 0.00 | 20.52 -0.17 0.00 | 19.41 0.15 0.00 | 18.93 -0.06 0.00 | 19.97 0.02 0.00 | 22.09 0.43 0.00 | 27.12 0.37 0.00 | 28.92 0.62 0.00 | 27.48 1.06 0.00 | 24.31 1.18 0.00 | 24.68 1.66 0.00 | 24.47 1.52 0.00 | 24.63 1.63 0.00 | 25.84 1.91 0.00 | 26.06 1.66 0.00 | 26.39 1.33 0.00 | 30.03 1.27 0.00 | 31.91 0.78 0.00 | 34.08 0.34 0.00 | 35.19 1.09 0.00 | 37.38 1.16 0.00 | 32.05 0.99 0.00 | 28.10 1.69 0.00 | 25.33 1.68 0.00 |
| MORTIMER_115KV_TB3 55949 | 21.51 -0.13 0.00 | 20.36 -0.33 0.00 | 19.10 -0.15 0.00 | 18.66 -0.32 0.00 | 19.65 -0.30 0.00 | 21.59 -0.06 0.00 | 26.48 -0.27 0.00 | 28.15 -0.14 0.00 | 26.45 0.03 0.00 | 23.19 0.07 0.00 | 23.32 0.30 0.00 | 23.14 0.18 0.00 | 23.25 0.25 0.00 | 24.31 0.38 0.00 | 24.62 0.22 0.00 | 25.01 -0.05 0.00 | 28.62 -0.14 0.00 | 30.51 -0.62 0.00 | 32.80 -0.94 0.00 | 33.48 -0.61 0.00 | 35.57 -0.65 0.00 | 30.59 -0.47 0.00 | 26.46 0.05 0.00 | 23.93 0.28 0.00 |

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| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 23.15 1.51 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.86 2.11 0.00 | 30.67 2.38 0.00 | 28.72 2.30 0.00 | 25.14 2.01 0.00 | 25.09 2.07 0.00 | 25.07 2.11 0.00 | 25.07 2.07 0.00 | 26.06 2.13 0.00 | 26.57 2.17 0.00 | 27.49 2.41 -0.03 | 31.41 2.65 0.00 | 34.25 3.11 -0.01 | 36.95 3.21 0.00 | 37.26 3.17 0.00 | 39.52 3.30 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 23.06 1.43 0.00 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.01 1.02 0.00 | 21.15 1.20 0.00 | 23.20 1.54 0.00 | 29.02 2.27 0.00 | 31.83 3.54 0.00 | 29.91 3.49 0.00 | 26.15 3.03 0.00 | 25.78 2.76 0.00 | 25.80 2.85 0.00 | 26.06 3.06 0.00 | 26.94 3.01 0.00 | 27.62 3.22 0.00 | 28.42 3.36 0.00 | 32.64 3.88 0.00 | 34.06 2.93 0.00 | 37.15 3.41 0.00 | 37.53 3.44 0.00 | 39.88 3.66 0.00 | 34.13 3.08 0.00 | 29.21 2.80 0.00 | 26.06 2.41 0.00 |
| N SALMON___HYD 24042 | 21.16 -0.48 0.00 | 20.42 -0.27 0.00 | 19.01 -0.25 0.00 | 18.79 -0.19 0.00 | 19.81 -0.14 0.00 | 21.48 -0.17 0.00 | 26.51 -0.24 0.00 | 28.26 -0.03 0.00 | 26.32 -0.11 0.00 | 22.99 -0.14 0.00 | 22.88 -0.14 0.00 | 22.77 -0.18 0.00 | 22.81 -0.18 0.00 | 23.88 -0.05 0.00 | 24.35 -0.05 0.00 | 25.01 -0.05 0.00 | 28.82 0.06 0.00 | 30.98 -0.15 0.00 | 33.91 0.17 0.00 | 34.26 0.17 0.00 | 36.69 0.47 0.00 | 30.93 -0.12 0.00 | 26.46 0.05 0.00 | 23.72 0.07 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 21.66 0.02 0.00 | 20.44 -0.25 0.00 | 19.28 0.02 0.00 | 18.79 -0.19 0.00 | 19.77 -0.18 0.00 | 21.85 0.19 0.00 | 26.72 -0.03 0.00 | 28.38 0.08 0.00 | 26.82 0.40 0.00 | 23.54 0.42 0.00 | 23.82 0.81 0.00 | 23.53 0.57 0.00 | 23.64 0.64 0.00 | 24.79 0.86 0.00 | 25.03 0.63 0.00 | 25.31 0.25 0.00 | 28.88 0.12 0.00 | 30.58 -0.56 -0.01 | 32.70 -1.05 -0.01 | 33.69 -0.41 -0.01 | 35.79 -0.43 -0.01 | 30.78 -0.28 0.00 | 26.91 0.50 0.00 | 24.43 0.78 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 26.20 2.08 -2.48 | 25.72 1.70 -3.34 | 25.29 1.54 -4.50 | 21.92 1.54 -1.40 | 25.50 1.58 -3.97 | 26.34 1.88 -2.80 | 29.53 2.78 0.00 | 31.32 3.03 0.00 | 29.20 2.77 0.00 | 26.85 2.54 -1.18 | 29.77 2.58 -4.17 | 30.01 2.62 -4.43 | 29.39 2.58 -3.81 | 29.93 2.66 -3.34 | 30.31 2.68 -3.23 | 31.28 2.91 -3.31 | 37.00 3.14 -5.10 | 45.93 3.52 -11.28 | 48.43 3.71 -10.98 | 47.63 3.72 -9.82 | 48.17 3.88 -8.08 | 41.35 3.57 -6.72 | 31.03 2.85 -1.77 | 29.77 2.25 -3.88 |
| N.E_GEN_SANDY PD 24062 | 22.57 0.93 0.00 | 21.49 0.81 0.00 | 20.01 0.75 0.00 | 19.78 0.80 0.00 | 20.75 0.80 0.00 | 22.63 0.98 0.00 | 28.25 1.50 0.00 | 29.82 1.53 0.00 | 27.72 1.29 0.00 | 24.19 1.06 0.00 | 24.03 1.01 0.00 | 24.01 1.06 0.00 | 23.98 0.99 0.00 | 24.96 0.98 -0.05 | 25.37 1.02 0.05 | 26.24 1.18 0.00 | 30.17 1.41 0.00 | 32.78 1.65 0.00 | 35.56 1.82 0.00 | 35.93 1.84 0.00 | 38.17 1.95 0.00 | 32.80 1.74 0.00 | 27.60 1.19 0.00 | 24.59 0.95 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 23.04 1.41 0.00 | 21.76 1.08 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.87 1.21 0.00 | 28.67 1.93 0.00 | 30.39 2.09 0.00 | 28.49 2.06 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.79 1.84 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.28 1.88 0.00 | 27.16 2.11 0.00 | 31.06 2.30 0.00 | 33.87 2.74 0.00 | 36.57 2.83 0.00 | 36.89 2.80 0.00 | 39.12 2.90 0.00 | 33.67 2.61 0.00 | 28.39 1.98 0.00 | 25.11 1.47 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 23.26 1.62 0.00 | 21.81 1.12 0.00 | 20.24 0.98 0.00 | 19.97 0.99 0.00 | 20.91 0.96 0.00 | 22.85 1.19 0.00 | 28.78 2.03 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.21 2.08 0.00 | 25.16 2.14 0.00 | 25.16 2.20 0.00 | 25.16 2.16 0.00 | 26.15 2.23 0.00 | 26.79 2.39 0.00 | 27.65 2.56 -0.03 | 31.50 2.73 0.00 | 34.44 3.30 -0.01 | 37.05 3.31 0.00 | 37.33 3.24 0.00 | 39.55 3.33 0.00 | 34.10 3.04 0.00 | 28.68 2.27 0.00 | 25.30 1.66 0.00 |
| N.TROY___115KV_TB1 355778 | 22.50 0.87 0.00 | 21.39 0.70 0.00 | 19.89 0.64 0.00 | 19.65 0.66 0.00 | 20.65 0.70 0.00 | 22.46 0.80 0.00 | 27.98 1.23 0.00 | 29.48 1.19 0.00 | 27.43 1.00 0.00 | 23.91 0.79 0.00 | 23.73 0.71 0.00 | 23.69 0.73 0.00 | 23.71 0.71 0.00 | 24.60 0.67 0.00 | 25.13 0.73 0.00 | 25.91 0.85 0.00 | 29.83 1.06 0.00 | 32.38 1.25 0.00 | 35.19 1.45 0.00 | 35.56 1.47 0.00 | 37.74 1.52 0.00 | 32.42 1.37 0.00 | 27.36 0.95 0.00 | 24.43 0.78 0.00 |
| NARROWS_GT1_1 24228 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_2 24229 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_3 24230 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_4 24231 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_5 24232 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_6 24233 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_7 24234 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT1_8 24235 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_1 24236 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_2 24237 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_3 24238 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_4 24239 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_5 24240 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_6 24241 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_7 24242 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NARROWS_GT2_8 24243 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 22.55 0.91 0.00 | 21.52 0.83 0.00 | 19.97 0.71 0.00 | 19.74 0.76 0.00 | 20.67 0.72 0.00 | 22.35 0.69 0.00 | 27.74 0.99 0.00 | 29.09 0.79 0.00 | 27.09 0.66 0.00 | 23.54 0.42 0.00 | 23.30 0.28 0.00 | 23.19 0.23 0.00 | 23.23 0.23 0.00 | 24.07 0.14 0.00 | 24.64 0.24 0.00 | 25.31 0.25 0.00 | 29.22 0.46 0.00 | 31.85 0.72 0.00 | 34.68 0.94 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 32.05 0.99 0.00 | 27.04 0.63 0.00 | 24.17 0.52 0.00 |
| NCHELSEA_115KV_TR2 355582 | 23.28 1.64 0.00 | 21.97 1.28 0.00 | 20.35 1.10 0.00 | 20.10 1.12 0.00 | 21.03 1.08 0.00 | 23.02 1.36 0.00 | 28.83 2.09 0.00 | 30.50 2.21 0.00 | 28.59 2.17 0.00 | 24.95 1.83 0.00 | 24.84 1.82 0.00 | 24.75 1.79 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.37 1.98 0.00 | 27.17 2.11 0.00 | 31.15 2.39 0.00 | 33.96 2.83 0.00 | 36.71 2.97 0.00 | 37.06 2.97 0.00 | 39.30 3.08 0.00 | 33.85 2.80 0.00 | 28.50 2.09 0.00 | 25.18 1.54 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 22.65 1.02 0.00 | 21.64 0.95 0.00 | 20.07 0.81 0.00 | 19.82 0.83 0.00 | 20.85 0.90 0.00 | 22.70 1.04 0.00 | 28.27 1.52 0.00 | 29.79 1.50 0.00 | 27.77 1.35 0.00 | 24.19 1.06 0.00 | 23.99 0.97 0.00 | 23.94 0.99 0.00 | 23.98 0.99 0.00 | 24.86 0.93 0.00 | 25.42 1.02 0.00 | 26.26 1.20 0.00 | 30.20 1.44 0.00 | 32.84 1.71 0.00 | 35.63 1.89 0.00 | 36.07 1.98 0.00 | 38.25 2.03 0.00 | 32.83 1.77 0.00 | 27.76 1.35 0.00 | 24.76 1.11 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 21.05 -0.58 0.00 | 20.03 -0.66 0.00 | 18.72 -0.54 0.00 | 18.32 -0.66 0.00 | 19.29 -0.66 0.00 | 21.16 -0.50 0.00 | 26.03 -0.72 0.00 | 27.70 -0.60 0.00 | 25.98 -0.45 0.00 | 22.78 -0.35 0.00 | 22.83 -0.18 0.00 | 22.68 -0.27 0.00 | 22.79 -0.21 0.00 | 23.81 -0.12 0.00 | 24.15 -0.24 0.00 | 24.58 -0.48 0.00 | 28.25 -0.52 0.00 | 30.07 -1.06 0.00 | 32.59 -1.15 0.00 | 32.97 -1.12 0.00 | 34.95 -1.27 0.00 | 30.09 -0.96 0.00 | 25.99 -0.42 0.00 | 23.41 -0.24 0.00 |
| NEG CENTRAL___DRP 24199 | 21.70 0.06 0.00 | 20.56 -0.12 0.00 | 19.22 -0.04 0.00 | 18.87 -0.11 0.00 | 19.89 -0.06 0.00 | 21.79 0.13 0.00 | 26.94 0.19 0.00 | 28.60 0.31 0.00 | 26.77 0.34 0.00 | 23.47 0.35 0.00 | 23.43 0.41 0.00 | 23.30 0.34 0.00 | 23.41 0.41 0.00 | 24.41 0.48 0.00 | 24.84 0.44 0.00 | 25.34 0.28 0.00 | 29.08 0.32 0.00 | 31.29 0.16 0.00 | 33.81 0.07 0.00 | 34.30 0.20 0.00 | 36.40 0.18 0.00 | 31.31 0.25 0.00 | 26.91 0.50 0.00 | 24.14 0.50 0.00 |

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| NEG CENTRAL___INDECK 23768 | 22.00 0.37 0.00 | 20.85 0.16 0.00 | 19.55 0.29 0.00 | 19.10 0.11 0.00 | 20.15 0.20 0.00 | 22.24 0.58 0.00 | 27.36 0.62 0.00 | 30.13 1.84 0.00 | 27.85 1.43 0.00 | 24.33 1.20 0.00 | 24.47 1.45 0.00 | 24.22 1.26 0.00 | 24.33 1.33 0.00 | 25.46 1.53 0.00 | 25.79 1.39 0.00 | 25.61 0.55 0.00 | 29.51 0.75 0.00 | 31.41 0.28 0.00 | 34.31 0.57 0.00 | 34.98 0.88 0.00 | 37.16 0.94 0.00 | 32.02 0.96 0.00 | 27.84 1.43 0.00 | 25.02 1.37 0.00 |
| NEG CENTRAL___SENECA 23627 | 21.74 0.11 0.00 | 20.56 -0.12 0.00 | 19.26 0.00 0.00 | 18.89 -0.09 0.00 | 19.91 -0.04 0.00 | 21.87 0.22 0.00 | 27.04 0.29 0.00 | 28.77 0.48 0.00 | 26.93 0.50 0.00 | 23.61 0.49 0.00 | 23.62 0.60 0.00 | 23.48 0.53 0.00 | 23.57 0.57 0.00 | 24.62 0.69 0.00 | 25.01 0.61 0.00 | 25.49 0.43 0.00 | 29.25 0.49 0.00 | 31.38 0.25 0.00 | 33.87 0.13 0.00 | 34.43 0.34 0.00 | 36.55 0.33 0.00 | 31.49 0.43 0.00 | 27.15 0.74 0.00 | 24.36 0.71 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 21.74 0.11 0.00 | 20.67 -0.02 0.00 | 19.28 0.02 0.00 | 18.94 -0.04 0.00 | 19.93 -0.02 0.00 | 21.79 0.13 0.00 | 26.96 0.21 0.00 | 28.60 0.31 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.36 0.35 0.00 | 23.28 0.32 0.00 | 23.39 0.39 0.00 | 24.36 0.43 0.00 | 24.81 0.41 0.00 | 25.36 0.30 0.00 | 29.11 0.35 0.00 | 31.41 0.28 0.00 | 33.94 0.20 0.00 | 34.37 0.27 0.00 | 36.47 0.25 0.00 | 31.31 0.25 0.00 | 26.81 0.40 0.00 | 24.03 0.38 0.00 |
| NEG MILLWOOD___DRP 24198 | 23.32 1.69 0.00 | 22.01 1.32 0.00 | 20.43 1.17 0.00 | 20.14 1.16 0.00 | 21.09 1.14 0.00 | 23.09 1.43 0.00 | 28.97 2.22 0.00 | 30.61 2.32 0.00 | 28.70 2.27 0.00 | 25.09 1.97 0.00 | 25.00 1.98 0.00 | 24.93 1.97 0.00 | 25.02 2.02 0.00 | 25.99 2.06 0.00 | 26.57 2.17 0.00 | 27.47 2.41 0.00 | 31.50 2.73 0.00 | 34.34 3.21 0.00 | 37.11 3.37 0.00 | 37.40 3.31 0.00 | 39.70 3.48 0.00 | 34.10 3.04 0.00 | 28.71 2.30 0.00 | 25.37 1.73 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 21.03 -0.61 0.00 | 20.38 -0.31 0.00 | 19.01 -0.25 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.75 -0.43 0.00 | 28.60 -0.23 0.00 | 26.69 -0.26 0.00 | 23.26 0.31 0.00 | 23.25 0.26 0.00 | 23.14 0.14 0.00 | 23.23 0.23 0.00 | 24.41 0.48 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.72 0.59 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.13 0.91 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 20.94 -0.69 0.00 | 20.29 -0.39 0.00 | 18.89 -0.37 0.00 | 18.70 -0.28 0.00 | 19.73 -0.22 0.00 | 21.38 -0.28 0.00 | 26.32 -0.43 0.00 | 28.07 -0.23 0.00 | 26.16 -0.26 0.00 | 22.85 -0.28 0.00 | 22.79 -0.23 0.00 | 22.68 -0.28 0.00 | 22.77 -0.23 0.00 | 23.86 -0.07 0.00 | 24.28 -0.12 0.00 | 24.99 -0.08 0.00 | 28.82 0.06 0.00 | 31.07 -0.06 0.00 | 33.98 0.24 0.00 | 34.37 0.27 0.00 | 36.69 0.47 0.00 | 31.03 -0.03 0.00 | 26.52 0.11 0.00 | 23.72 0.07 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 21.03 -0.61 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.66 0.37 0.00 | 26.72 0.29 0.00 | 23.31 0.19 0.00 | 23.27 0.25 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.12 1.02 0.00 | 37.23 1.01 0.00 | 31.34 0.28 0.00 | 26.83 0.42 0.00 | 23.98 0.33 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 21.03 -0.61 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.66 0.37 0.00 | 26.72 0.29 0.00 | 23.31 0.19 0.00 | 23.27 0.25 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.12 1.02 0.00 | 37.23 1.01 0.00 | 31.34 0.28 0.00 | 26.83 0.42 0.00 | 23.98 0.33 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 21.14 -0.50 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.66 0.37 0.00 | 26.72 0.29 0.00 | 23.31 0.18 0.00 | 23.27 0.25 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.45 0.69 0.00 | 31.66 0.53 0.00 | 34.72 0.98 0.00 | 35.11 1.02 0.00 | 37.23 1.01 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 21.42 -0.22 0.00 | 20.23 -0.46 0.00 | 19.08 -0.17 0.00 | 18.62 -0.36 0.00 | 19.59 -0.36 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.98 -0.31 0.00 | 26.43 0.00 0.00 | 23.24 0.12 0.00 | 23.55 0.53 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.53 0.60 0.00 | 24.74 0.34 0.00 | 25.01 -0.05 0.00 | 28.48 -0.29 0.00 | 30.20 -0.93 -0.01 | 32.26 -1.48 -0.01 | 33.28 -0.82 -0.01 | 35.36 -0.87 -0.01 | 30.41 -0.65 0.00 | 26.62 0.21 0.00 | 24.17 0.52 0.00 |
| NEG WEST___LANCASTR 23811 | 22.20 0.56 0.00 | 20.96 0.27 0.00 | 19.74 0.48 0.00 | 19.25 0.27 0.00 | 20.31 0.36 0.00 | 22.44 0.78 0.00 | 27.47 0.72 0.00 | 28.97 0.68 0.00 | 27.40 0.98 0.00 | 24.14 1.02 0.00 | 24.40 1.38 0.00 | 24.17 1.22 0.00 | 24.28 1.29 0.00 | 25.46 1.53 0.00 | 25.62 1.22 0.00 | 25.99 0.93 0.00 | 29.60 0.83 0.00 | 31.45 0.31 -0.01 | 33.68 -0.07 -0.01 | 34.64 0.55 -0.01 | 36.80 0.58 -0.01 | 31.62 0.56 0.00 | 27.70 1.29 0.00 | 25.14 1.49 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 22.03 0.39 0.00 | 20.94 0.25 0.00 | 19.53 0.27 0.00 | 19.21 0.23 0.00 | 20.21 0.26 0.00 | 22.09 0.43 0.00 | 27.39 0.64 0.00 | 28.97 0.68 0.00 | 27.14 0.71 0.00 | 23.77 0.65 0.00 | 23.71 0.69 0.00 | 23.62 0.67 0.00 | 23.69 0.69 0.00 | 24.67 0.74 0.00 | 25.11 0.71 0.00 | 25.76 0.70 0.00 | 29.54 0.78 0.00 | 31.88 0.75 0.00 | 34.52 0.78 0.00 | 34.84 0.75 0.00 | 36.94 0.72 0.00 | 31.77 0.71 0.00 | 27.20 0.79 0.00 | 24.33 0.69 0.00 |
| NEG___GEN_MONROE 24207 | 21.61 -0.02 0.00 | 20.42 -0.27 0.00 | 19.16 -0.10 0.00 | 18.74 -0.25 0.00 | 19.73 -0.22 0.00 | 21.70 0.04 0.00 | 26.59 -0.16 0.00 | 28.26 -0.03 0.00 | 26.45 0.03 0.00 | 23.17 0.05 0.00 | 23.27 0.25 0.00 | 23.07 0.11 0.00 | 23.18 0.18 0.00 | 24.24 0.31 0.00 | 24.54 0.15 0.00 | 24.94 -0.13 0.00 | 28.53 -0.23 0.00 | 30.41 -0.72 0.00 | 32.73 -1.01 0.00 | 33.55 -0.55 0.00 | 35.64 -0.58 0.00 | 30.72 -0.34 0.00 | 26.60 0.18 0.00 | 24.07 0.43 0.00 |
| NEPA___ENERGY 23901 | 21.98 0.35 0.00 | 20.75 0.06 0.00 | 19.55 0.29 0.00 | 19.06 0.08 0.00 | 20.09 0.14 0.00 | 22.22 0.56 0.00 | 27.20 0.45 0.00 | 28.77 0.48 0.00 | 27.24 0.82 0.00 | 24.00 0.88 0.00 | 24.26 1.24 0.00 | 24.03 1.08 0.00 | 24.17 1.17 0.00 | 25.32 1.39 0.00 | 25.47 1.07 0.00 | 25.84 0.78 0.00 | 29.40 0.63 0.00 | 31.26 0.12 0.00 | 33.51 -0.24 0.00 | 34.47 0.38 0.00 | 36.62 0.40 0.00 | 31.46 0.40 0.00 | 27.55 1.14 0.00 | 24.90 1.25 0.00 |
| NEVERSINK___HYD 23608 | 22.76 1.12 0.00 | 21.54 0.85 0.00 | 19.99 0.73 0.00 | 19.72 0.74 0.00 | 20.63 0.68 0.00 | 22.63 0.98 0.00 | 28.33 1.58 0.00 | 29.96 1.67 0.00 | 28.09 1.67 0.00 | 24.49 1.36 0.00 | 24.38 1.36 0.00 | 24.29 1.33 0.00 | 24.35 1.36 0.00 | 25.29 1.36 0.00 | 25.86 1.46 0.00 | 26.64 1.58 0.00 | 30.49 1.73 0.00 | 33.31 2.18 0.00 | 36.00 2.26 0.00 | 36.38 2.28 0.00 | 38.61 2.39 0.00 | 33.20 2.14 0.00 | 27.99 1.58 0.00 | 24.76 1.11 0.00 |

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| NEWKRMKL_115KV_TB1 55635 | 22.29 0.65 0.00 | 21.25 0.56 0.00 | 19.76 0.50 0.00 | 19.53 0.55 0.00 | 20.47 0.52 0.00 | 22.11 0.45 0.00 | 27.52 0.78 0.00 | 28.97 0.68 0.00 | 26.98 0.55 0.00 | 23.63 0.51 0.00 | 23.46 0.44 0.00 | 23.42 0.46 0.00 | 23.43 0.44 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.59 0.53 0.00 | 29.42 0.66 0.00 | 31.94 0.81 0.00 | 34.65 0.91 0.00 | 34.98 0.89 0.00 | 37.13 0.91 0.00 | 31.90 0.84 0.00 | 26.91 0.50 0.00 | 24.03 0.38 0.00 |
| NEWTON___FALLS_HYD 23847 | 21.38 -0.26 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.53 -0.13 0.00 | 26.61 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.45 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |
| NGRID_A1_DSASP 323792 | 20.84 -0.80 0.00 | 19.84 -0.85 0.00 | 18.66 -0.60 0.00 | 18.09 -0.89 0.00 | 19.13 -0.82 0.00 | 21.01 -0.65 0.00 | 25.55 -1.20 0.00 | 26.96 -1.33 0.00 | 25.48 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.67 -1.09 0.00 | 29.02 -2.09 0.03 | 31.42 -2.30 0.03 | 31.99 -2.08 0.03 | 33.95 -2.25 0.03 | 29.32 -1.74 0.00 | 25.72 -0.69 0.00 | 23.34 -0.31 0.00 |
| NGRID_A2_DSASP 323793 | 20.84 -0.80 0.00 | 19.84 -0.85 0.00 | 18.66 -0.60 0.00 | 18.09 -0.89 0.00 | 19.13 -0.82 0.00 | 21.01 -0.65 0.00 | 25.55 -1.20 0.00 | 26.96 -1.33 0.00 | 25.48 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.67 -1.09 0.00 | 29.02 -2.09 0.03 | 31.42 -2.30 0.03 | 31.99 -2.08 0.03 | 33.95 -2.25 0.03 | 29.32 -1.74 0.00 | 25.72 -0.69 0.00 | 23.34 -0.31 0.00 |
| NGRID_A4_DSASP 323807 | 20.84 -0.80 0.00 | 19.84 -0.85 0.00 | 18.66 -0.60 0.00 | 18.09 -0.89 0.00 | 19.13 -0.82 0.00 | 21.01 -0.65 0.00 | 25.55 -1.20 0.00 | 26.96 -1.33 0.00 | 25.48 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.67 -1.09 0.00 | 29.02 -2.09 0.03 | 31.42 -2.30 0.03 | 31.99 -2.08 0.03 | 33.95 -2.25 0.03 | 29.32 -1.74 0.00 | 25.72 -0.69 0.00 | 23.34 -0.31 0.00 |
| NIAGARA_115E_LBMP 323715 | 20.90 -0.74 0.00 | 19.86 -0.83 0.00 | 18.70 -0.56 0.00 | 18.22 -0.76 0.00 | 19.17 -0.78 0.00 | 21.16 -0.50 0.00 | 25.70 -1.04 0.00 | 27.19 -1.10 0.00 | 25.66 -0.77 0.00 | 22.62 -0.51 0.00 | 22.88 -0.14 0.00 | 22.66 -0.30 0.00 | 22.77 -0.23 0.00 | 23.88 -0.05 0.00 | 24.03 -0.37 0.00 | 24.31 -0.75 0.00 | 27.87 -0.89 0.00 | 29.27 -1.87 0.00 | 31.65 -2.09 0.00 | 32.29 -1.81 0.00 | 34.23 -1.99 0.00 | 29.57 -1.49 0.00 | 25.94 -0.47 0.00 | 23.53 -0.12 0.00 |
| NIAGARA_115W_LBMP 323714 | 20.79 -0.84 0.00 | 19.78 -0.91 0.00 | 18.62 -0.63 0.00 | 18.03 -0.95 0.00 | 19.07 -0.88 0.00 | 20.94 -0.71 0.00 | 25.47 -1.28 0.00 | 26.91 -1.39 0.00 | 25.39 -1.03 0.00 | 22.38 -0.74 0.00 | 22.65 -0.37 0.00 | 22.43 -0.53 0.00 | 22.54 -0.46 0.00 | 23.64 -0.29 0.00 | 23.79 -0.61 0.00 | 24.03 -1.03 0.00 | 27.58 -1.18 0.00 | 28.96 -2.15 0.02 | 31.35 -2.36 0.02 | 31.89 -2.18 0.02 | 33.84 -2.35 0.02 | 29.23 -1.83 0.00 | 25.64 -0.77 0.00 | 23.27 -0.38 0.00 |
| NIAGARA_230_LBMP 323716 | 21.07 -0.56 0.00 | 20.03 -0.66 0.00 | 18.83 -0.42 0.00 | 18.32 -0.66 0.00 | 19.31 -0.64 0.00 | 21.29 -0.37 0.00 | 25.89 -0.86 0.00 | 27.33 -0.96 0.00 | 25.82 -0.61 0.00 | 22.73 -0.39 0.00 | 23.00 -0.02 0.00 | 22.80 -0.16 0.00 | 22.90 -0.09 0.00 | 24.00 0.07 0.00 | 24.15 -0.24 0.00 | 24.44 -0.63 0.00 | 28.01 -0.75 0.00 | 29.45 -1.68 0.00 | 31.85 -1.89 0.00 | 32.45 -1.64 0.00 | 34.41 -1.81 0.00 | 29.72 -1.33 0.00 | 26.04 -0.37 0.00 | 23.62 -0.02 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 20.77 -0.87 0.00 | 19.61 -1.08 0.00 | 18.60 -0.65 0.00 | 18.03 -0.95 0.00 | 19.07 -0.88 0.00 | 20.94 -0.71 0.00 | 25.46 -1.28 0.00 | 26.91 -1.39 0.00 | 25.40 -1.03 0.00 | 22.39 -0.74 0.00 | 22.65 -0.37 0.00 | 22.43 -0.53 0.00 | 22.54 -0.46 0.00 | 23.62 -0.31 0.00 | 23.79 -0.61 0.00 | 24.03 -1.03 0.00 | 27.32 -1.44 0.00 | 28.96 -2.15 0.02 | 30.95 -2.77 0.02 | 31.89 -2.18 0.02 | 33.88 -2.32 0.02 | 29.16 -1.89 0.00 | 25.57 -0.85 0.00 | 23.27 -0.38 0.00 |
| NIAGARA____ 23760 | 21.07 -0.56 0.00 | 20.03 -0.66 0.00 | 18.83 -0.42 0.00 | 18.32 -0.66 0.00 | 19.31 -0.64 0.00 | 21.29 -0.37 0.00 | 25.89 -0.86 0.00 | 27.33 -0.96 0.00 | 25.82 -0.61 0.00 | 22.73 -0.39 0.00 | 23.00 -0.02 0.00 | 22.80 -0.16 0.00 | 22.90 -0.09 0.00 | 24.00 0.07 0.00 | 24.15 -0.24 0.00 | 24.44 -0.63 0.00 | 28.01 -0.75 0.00 | 29.44 -1.68 0.01 | 31.84 -1.89 0.01 | 32.45 -1.64 0.01 | 34.40 -1.81 0.01 | 29.72 -1.33 0.00 | 26.04 -0.37 0.00 | 23.62 -0.02 0.00 |
| NINE_MILE_1 23575 | 21.16 -0.48 0.00 | 20.19 -0.50 0.00 | 18.81 -0.44 0.00 | 18.51 -0.47 0.00 | 19.47 -0.48 0.00 | 21.20 -0.46 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.79 -0.63 0.00 | 22.59 -0.53 0.00 | 22.51 -0.51 0.00 | 22.43 -0.53 0.00 | 22.49 -0.51 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.83 -0.91 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.20 -0.45 0.00 |
| NINE_MILE_2 23744 | 21.16 -0.48 0.00 | 20.19 -0.50 0.00 | 18.81 -0.44 0.00 | 18.51 -0.47 0.00 | 19.47 -0.48 0.00 | 21.20 -0.46 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.79 -0.63 0.00 | 22.59 -0.53 0.00 | 22.51 -0.51 0.00 | 22.43 -0.53 0.00 | 22.49 -0.51 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.83 -0.91 0.00 | 33.17 -0.92 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.20 -0.45 0.00 |
| NM_CAPITAL___DRP 24208 | 22.29 0.65 0.00 | 21.23 0.54 0.00 | 19.74 0.48 0.00 | 19.51 0.53 0.00 | 20.45 0.50 0.00 | 22.11 0.45 0.00 | 27.52 0.78 0.00 | 28.97 0.68 0.00 | 26.95 0.53 0.00 | 23.61 0.49 0.00 | 23.46 0.44 0.00 | 23.42 0.46 0.00 | 23.43 0.44 0.00 | 24.29 0.36 0.00 | 24.79 0.39 0.00 | 25.56 0.50 0.00 | 29.48 0.72 0.00 | 32.03 0.90 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| NM_CENTRAL___DRP 24181 | 21.61 -0.02 0.00 | 20.54 -0.14 0.00 | 19.14 -0.12 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.61 -0.04 0.00 | 26.70 -0.05 0.00 | 28.32 0.03 0.00 | 26.50 0.08 0.00 | 23.22 0.09 0.00 | 23.13 0.12 0.00 | 23.05 0.09 0.00 | 23.13 0.14 0.00 | 24.07 0.14 0.00 | 24.54 0.15 0.00 | 25.09 0.03 0.00 | 28.76 0.00 0.00 | 31.07 -0.06 0.00 | 33.57 -0.17 0.00 | 33.96 -0.14 0.00 | 36.04 -0.18 0.00 | 30.93 -0.12 0.00 | 26.44 0.03 0.00 | 23.74 0.09 0.00 |
| NM_FRONTIER___DRP 24179 | 20.77 -0.87 0.00 | 19.61 -1.08 0.00 | 18.60 -0.65 0.00 | 18.03 -0.95 0.00 | 19.07 -0.88 0.00 | 20.94 -0.71 0.00 | 25.46 -1.28 0.00 | 26.91 -1.39 0.00 | 25.40 -1.03 0.00 | 22.39 -0.74 0.00 | 22.65 -0.37 0.00 | 22.43 -0.53 0.00 | 22.54 -0.46 0.00 | 23.62 -0.31 0.00 | 23.79 -0.61 0.00 | 24.03 -1.03 0.00 | 27.32 -1.44 0.00 | 28.96 -2.15 0.02 | 30.95 -2.77 0.02 | 31.89 -2.18 0.02 | 33.88 -2.32 0.02 | 29.16 -1.89 0.00 | 25.57 -0.85 0.00 | 23.27 -0.38 0.00 |

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| NM_ST_REGIS___HYD 24053 | 21.01 -0.63 0.00 | 20.36 -0.33 0.00 | 18.93 -0.33 0.00 | 18.68 -0.30 0.00 | 19.69 -0.26 0.00 | 21.27 -0.39 0.00 | 26.21 -0.53 0.00 | 27.84 -0.45 0.00 | 25.92 -0.50 0.00 | 22.66 -0.46 0.00 | 22.54 -0.48 0.00 | 22.43 -0.53 0.00 | 22.35 -0.64 0.00 | 23.35 -0.57 0.00 | 23.81 -0.59 0.00 | 24.41 -0.65 0.00 | 28.02 -0.75 0.00 | 30.20 -0.93 0.00 | 32.96 -0.78 0.00 | 33.31 -0.78 0.00 | 35.60 -0.62 0.00 | 30.16 -0.90 0.00 | 25.80 -0.61 0.00 | 23.29 -0.35 0.00 |
| NORTHPORT___1 23551 | 26.79 1.88 -3.27 | 26.70 1.61 -4.40 | 26.67 1.48 -5.93 | 22.31 1.48 -1.85 | 26.70 1.52 -5.24 | 27.16 1.82 -3.69 | 29.31 2.57 0.00 | 31.04 2.74 -0.01 | 28.83 2.40 0.00 | 27.09 2.40 -1.56 | 30.94 2.42 -5.50 | 31.21 2.41 -5.85 | 30.44 2.41 -5.03 | 30.76 2.47 -4.37 | 30.94 2.49 -4.05 | 31.90 2.68 -4.16 | 35.75 2.88 -4.11 | 43.04 3.36 -8.55 | 46.04 3.48 -8.83 | 45.02 3.48 -7.45 | 46.37 3.66 -6.50 | 39.67 3.20 -5.41 | 31.38 2.64 -2.33 | 30.86 2.10 -5.11 |
| NORTHPORT___2 23552 | 26.79 1.88 -3.27 | 26.70 1.61 -4.40 | 26.67 1.48 -5.93 | 22.31 1.48 -1.85 | 26.70 1.52 -5.24 | 27.16 1.82 -3.69 | 28.82 2.57 0.50 | 30.96 2.74 0.08 | 28.83 2.40 0.00 | 27.09 2.40 -1.56 | 30.94 2.42 -5.50 | 31.21 2.41 -5.85 | 30.44 2.41 -5.03 | 30.76 2.47 -4.37 | 30.94 2.49 -4.05 | 31.90 2.68 -4.16 | 35.75 2.88 -4.11 | 42.99 3.36 -8.49 | 46.04 3.48 -8.83 | 45.02 3.48 -7.45 | 46.37 3.66 -6.50 | 39.67 3.20 -5.41 | 31.38 2.64 -2.33 | 30.86 2.10 -5.11 |
| NORTHPORT___3 23553 | 26.80 1.90 -3.26 | 26.66 1.59 -4.38 | 26.66 1.50 -5.90 | 22.34 1.52 -1.84 | 26.66 1.50 -5.21 | 27.08 1.75 -3.67 | 28.92 2.59 0.42 | 30.94 2.72 0.07 | 28.72 2.30 0.00 | 27.08 2.40 -1.55 | 30.91 2.42 -5.48 | 31.23 2.46 -5.82 | 30.48 2.48 -5.00 | 30.79 2.51 -4.35 | 30.95 2.51 -4.04 | 31.81 2.61 -4.14 | 35.56 2.68 -4.12 | 42.82 3.14 -8.55 | 45.81 3.21 -8.87 | 44.82 3.24 -7.49 | 46.15 3.40 -6.53 | 39.47 2.98 -5.43 | 31.32 2.59 -2.32 | 30.79 2.06 -5.09 |
| NORTHPORT___4 23650 | 26.80 1.90 -3.26 | 26.66 1.59 -4.38 | 26.66 1.50 -5.90 | 22.34 1.52 -1.84 | 26.66 1.50 -5.21 | 27.08 1.75 -3.67 | 28.92 2.59 0.42 | 30.94 2.72 0.07 | 28.72 2.30 0.00 | 27.08 2.40 -1.55 | 30.91 2.42 -5.48 | 31.23 2.46 -5.82 | 30.48 2.48 -5.00 | 30.79 2.51 -4.35 | 30.95 2.51 -4.04 | 31.81 2.61 -4.14 | 35.56 2.68 -4.12 | 42.82 3.14 -8.55 | 45.81 3.21 -8.87 | 44.82 3.24 -7.49 | 46.15 3.40 -6.53 | 39.47 2.98 -5.43 | 31.32 2.59 -2.32 | 30.79 2.06 -5.09 |
| NORTHPORT___IC 23718 | 26.90 1.99 -3.27 | 26.72 1.63 -4.40 | 26.65 1.46 -5.93 | 22.31 1.48 -1.85 | 26.70 1.52 -5.24 | 27.14 1.80 -3.69 | 28.81 2.57 0.50 | 30.95 2.74 0.08 | 28.86 2.43 0.00 | 27.09 2.41 -1.56 | 30.94 2.42 -5.50 | 31.24 2.43 -5.85 | 30.44 2.41 -5.03 | 30.76 2.46 -4.37 | 30.93 2.49 -4.05 | 31.90 2.68 -4.16 | 35.69 2.82 -4.11 | 42.98 3.36 -8.49 | 46.11 3.54 -8.83 | 45.05 3.51 -7.45 | 46.38 3.66 -6.50 | 39.73 3.26 -5.41 | 31.41 2.67 -2.33 | 30.84 2.08 -5.11 |
| NORTH___COUNTRY_ESR 323785 | 20.99 -0.65 0.00 | 20.23 -0.46 0.00 | 18.83 -0.42 0.00 | 18.64 -0.34 0.00 | 19.67 -0.28 0.00 | 21.29 -0.37 0.00 | 26.24 -0.51 0.00 | 27.98 -0.31 0.00 | 26.11 -0.32 0.00 | 22.80 -0.32 0.00 | 22.74 -0.28 0.00 | 22.66 -0.30 0.00 | 22.74 -0.25 0.00 | 23.81 -0.12 0.00 | 24.20 -0.20 0.00 | 24.94 -0.12 0.00 | 28.73 -0.03 0.00 | 30.98 -0.15 0.00 | 33.84 0.10 0.00 | 34.23 0.14 0.00 | 36.55 0.33 0.00 | 30.93 -0.12 0.00 | 26.41 0.00 0.00 | 23.65 0.00 0.00 |
| NPX_GEN_1385_PROXY 323591 | 26.66 1.75 -3.27 | 26.58 1.49 -4.40 | 26.55 1.37 -5.93 | 22.26 1.42 -1.85 | 26.64 1.46 -5.24 | 27.03 1.69 -3.69 | 29.74 3.07 0.09 | 31.26 2.97 0.01 | 28.75 2.33 0.00 | 26.95 2.27 -1.56 | 30.73 2.21 -5.50 | 31.01 2.20 -5.85 | 30.21 2.19 -5.03 | 30.60 2.25 -4.42 | 30.64 2.24 -4.00 | 31.72 2.51 -4.16 | 35.57 2.70 -4.11 | 42.85 3.18 -8.54 | 45.87 3.31 -8.83 | 44.81 3.27 -7.45 | 46.16 3.44 -6.50 | 39.42 2.95 -5.41 | 31.14 2.40 -2.33 | 30.65 1.89 -5.11 |
| NPX_GEN_CSC 323557 | 26.72 1.84 -3.24 | 26.58 1.53 -4.36 | 26.54 1.40 -5.88 | 22.24 1.42 -1.83 | 26.58 1.44 -5.19 | 27.11 1.80 -3.65 | 36.47 2.97 -6.75 | 32.63 3.11 -1.22 | 28.57 2.14 0.00 | 26.70 2.04 -1.54 | 30.55 2.07 -5.46 | 30.86 2.11 -5.80 | 30.07 2.09 -4.98 | 30.51 2.20 -4.38 | 30.64 2.27 -3.97 | 31.74 2.56 -4.13 | 36.18 3.16 -4.25 | 44.32 3.67 -9.52 | 46.46 3.81 -8.90 | 45.48 3.85 -7.53 | 46.83 4.06 -6.55 | 40.19 3.57 -5.56 | 31.42 2.70 -2.31 | 30.84 2.13 -5.07 |
| NSINS_S_GLNS_FALLS 23858 | 22.67 1.04 0.00 | 21.62 0.93 0.00 | 20.01 0.75 0.00 | 19.74 0.76 0.00 | 20.79 0.84 0.00 | 22.65 1.00 0.00 | 28.25 1.50 0.00 | 29.74 1.44 0.00 | 27.75 1.32 0.00 | 24.14 1.02 0.00 | 23.89 0.87 0.00 | 23.85 0.90 0.00 | 23.89 0.90 0.00 | 24.74 0.81 0.00 | 25.35 0.95 0.00 | 26.21 1.15 0.00 | 30.20 1.44 0.00 | 32.84 1.71 0.00 | 35.66 1.92 0.00 | 36.14 2.05 0.00 | 38.28 2.06 0.00 | 32.86 1.80 0.00 | 27.78 1.37 0.00 | 24.74 1.09 0.00 |
| NUCOR_STEEL___DRP 24197 | 21.81 0.17 0.00 | 20.71 0.02 0.00 | 19.31 0.06 0.00 | 18.98 0.00 0.00 | 19.99 0.04 0.00 | 21.81 0.15 0.00 | 26.99 0.24 0.00 | 28.63 0.34 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.34 0.32 0.00 | 23.25 0.30 0.00 | 23.34 0.34 0.00 | 24.31 0.38 0.00 | 24.76 0.37 0.00 | 25.36 0.30 0.00 | 29.11 0.35 0.00 | 31.41 0.28 0.00 | 33.94 0.20 0.00 | 34.37 0.27 0.00 | 36.47 0.25 0.00 | 31.34 0.28 0.00 | 26.83 0.42 0.00 | 24.07 0.43 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 21.85 0.22 0.00 | 20.67 -0.02 0.00 | 19.24 -0.02 0.00 | 18.94 -0.04 0.00 | 19.95 0.00 0.00 | 21.96 0.30 0.00 | 27.26 0.51 0.00 | 28.80 0.51 0.00 | 26.77 0.34 0.00 | 23.36 0.23 0.00 | 23.16 0.14 0.00 | 23.05 0.09 0.00 | 23.07 0.07 0.00 | 23.98 0.05 0.00 | 24.47 0.07 0.00 | 25.11 0.05 0.00 | 28.94 0.17 0.00 | 31.47 0.34 0.00 | 34.31 0.57 0.00 | 34.74 0.65 0.00 | 37.09 0.87 0.00 | 31.65 0.59 0.00 | 26.94 0.53 0.00 | 24.12 0.47 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 21.64 0.00 0.00 | 20.69 0.00 0.00 | 19.26 0.00 0.00 | 18.98 0.00 0.00 | 19.95 0.00 0.00 | 21.66 0.00 0.00 | 26.75 0.00 0.00 | 28.29 0.00 0.00 | 26.43 0.00 0.00 | 23.13 0.00 0.00 | 23.02 0.00 0.00 | 22.96 0.00 0.00 | 23.00 0.00 0.00 | 23.93 0.00 0.00 | 24.40 0.00 0.00 | 25.06 0.00 0.00 | 28.76 0.00 0.00 | 31.13 0.00 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.06 0.00 0.00 | 26.41 0.00 0.00 | 23.65 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 26.99 2.14 -3.21 | 26.85 1.84 -4.32 | 26.77 1.69 -5.82 | 22.49 1.69 -1.81 | 26.82 1.73 -5.14 | 27.35 2.08 -3.62 | 30.99 3.02 -1.22 | 31.74 3.22 -0.23 | 29.25 2.83 0.00 | 27.33 2.68 -1.53 | 31.13 2.71 -5.40 | 31.40 2.71 -5.74 | 30.62 2.69 -4.93 | 30.99 2.77 -4.29 | 31.19 2.80 -3.99 | 32.21 3.06 -4.09 | 36.39 3.42 -4.21 | 44.00 3.95 -8.92 | 46.85 4.11 -8.99 | 45.88 4.16 -7.63 | 47.22 4.38 -6.62 | 40.41 3.82 -5.53 | 31.76 3.06 -2.29 | 31.12 2.46 -5.01 |
| NYPA_GOWANUS____GT5 24156 | 23.25 1.60 -0.01 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.23 2.27 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.86 2.44 -0.02 | 27.73 2.63 -0.04 | 44.75 2.82 -13.17 | 47.41 3.42 -12.86 | 37.13 3.37 -0.01 | 37.57 3.48 0.00 | 39.73 3.51 0.00 | 34.21 3.14 -0.01 | 28.77 2.35 -0.01 | 25.45 1.80 -0.01 |

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| OCC_CHEM___DRP 24175 | 20.81 -0.82 0.00 | 19.67 -1.01 0.00 | 18.64 -0.62 0.00 | 18.09 -0.89 0.00 | 19.11 -0.84 0.00 | 21.01 -0.65 0.00 | 25.54 -1.20 0.00 | 26.96 -1.33 0.00 | 25.47 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.41 -1.35 0.00 | 29.05 -2.05 0.03 | 31.01 -2.70 0.03 | 31.95 -2.11 0.03 | 33.98 -2.21 0.03 | 29.26 -1.80 0.00 | 25.62 -0.79 0.00 | 23.34 -0.31 0.00 |
| OH_GEN_PROXY 24063 | 21.12 -0.52 0.00 | 20.07 -0.62 0.00 | 18.87 -0.38 0.00 | 18.36 -0.63 0.00 | 19.35 -0.60 0.00 | 21.31 -0.35 0.00 | 25.95 -0.80 0.00 | 27.42 -0.88 0.00 | 25.87 -0.56 0.00 | 22.78 -0.35 0.00 | 23.04 0.02 0.00 | 22.84 -0.11 0.00 | 22.95 -0.05 0.00 | 24.07 0.10 -0.05 | 24.15 -0.20 0.05 | 24.49 -0.58 0.00 | 28.07 -0.69 0.00 | 29.54 -1.59 0.00 | 31.95 -1.79 0.00 | 32.56 -1.53 0.00 | 34.52 -1.70 0.00 | 29.81 -1.24 0.00 | 26.09 -0.32 0.00 | 23.67 0.02 0.00 |
| OLIN_CORP_DRP 24177 | 20.99 -0.65 0.00 | 19.84 -0.85 0.00 | 18.70 -0.56 0.00 | 18.26 -0.72 0.00 | 19.19 -0.76 0.00 | 21.18 -0.48 0.00 | 25.76 -0.99 0.00 | 27.22 -1.08 0.00 | 25.71 -0.71 0.00 | 22.64 -0.49 0.00 | 22.93 -0.09 0.00 | 22.70 -0.25 0.00 | 22.81 -0.18 0.00 | 23.90 -0.02 0.00 | 24.08 -0.32 0.00 | 24.33 -0.73 0.00 | 27.70 -1.06 0.00 | 29.33 -1.81 0.00 | 31.31 -2.43 0.00 | 32.32 -1.77 0.00 | 34.34 -1.88 0.00 | 29.57 -1.49 0.00 | 25.88 -0.53 0.00 | 23.55 -0.09 0.00 |
| OLIN_CORP_DSASP 323712 | 20.84 -0.80 0.00 | 19.84 -0.85 0.00 | 18.66 -0.60 0.00 | 18.09 -0.89 0.00 | 19.13 -0.82 0.00 | 21.01 -0.65 0.00 | 25.55 -1.20 0.00 | 26.96 -1.33 0.00 | 25.48 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.67 -1.09 0.00 | 29.02 -2.09 0.03 | 31.42 -2.30 0.03 | 31.99 -2.08 0.03 | 33.95 -2.25 0.03 | 29.32 -1.74 0.00 | 25.72 -0.69 0.00 | 23.34 -0.31 0.00 |
| ONEIDA_HERK_LFGE 323681 | 22.05 0.41 0.00 | 20.96 0.27 0.00 | 19.49 0.23 0.00 | 19.21 0.23 0.00 | 20.21 0.26 0.00 | 22.11 0.46 0.00 | 27.44 0.69 0.00 | 29.03 0.73 0.00 | 27.03 0.61 0.00 | 23.61 0.49 0.00 | 23.43 0.41 0.00 | 23.35 0.39 0.00 | 23.39 0.39 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.46 0.40 0.00 | 29.34 0.58 0.00 | 31.91 0.78 0.00 | 34.68 0.94 0.00 | 35.08 0.99 0.00 | 37.31 1.09 0.00 | 31.93 0.87 0.00 | 27.15 0.74 0.00 | 24.29 0.64 0.00 |
| ONEIDA___115KV_TB4 55905 | 22.26 0.63 0.00 | 21.16 0.48 0.00 | 19.70 0.44 0.00 | 19.40 0.42 0.00 | 20.43 0.48 0.00 | 22.31 0.65 0.00 | 27.68 0.94 0.00 | 29.28 0.99 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.80 0.78 0.00 | 23.74 0.78 0.00 | 23.82 0.83 0.00 | 24.72 0.79 0.00 | 25.25 0.85 0.00 | 25.89 0.83 0.00 | 29.68 0.92 0.00 | 32.25 1.12 0.00 | 34.99 1.25 0.00 | 35.39 1.30 0.00 | 37.60 1.38 0.00 | 32.21 1.15 0.00 | 27.41 1.00 0.00 | 24.52 0.87 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 21.72 0.09 0.00 | 20.65 -0.04 0.00 | 19.24 -0.02 0.00 | 18.94 -0.04 0.00 | 19.93 -0.02 0.00 | 21.72 0.06 0.00 | 26.86 0.11 0.00 | 28.49 0.20 0.00 | 26.66 0.24 0.00 | 23.36 0.23 0.00 | 23.23 0.21 0.00 | 23.16 0.21 0.00 | 23.25 0.25 0.00 | 24.19 0.26 0.00 | 24.67 0.27 0.00 | 25.24 0.18 0.00 | 28.96 0.20 0.00 | 31.29 0.16 0.00 | 33.84 0.10 0.00 | 34.23 0.14 0.00 | 36.33 0.11 0.00 | 31.15 0.09 0.00 | 26.62 0.21 0.00 | 23.88 0.24 0.00 |
| ONONDAGA___COGEN 23986 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |
| ONTARIO___LFGE 23819 | 21.70 0.07 0.00 | 20.61 -0.08 0.00 | 19.26 0.00 0.00 | 18.89 -0.09 0.00 | 19.91 -0.04 0.00 | 21.87 0.22 0.00 | 27.04 0.29 0.00 | 28.77 0.48 0.00 | 26.93 0.50 0.00 | 23.61 0.49 0.00 | 23.62 0.60 0.00 | 23.48 0.53 0.00 | 23.57 0.58 0.00 | 24.62 0.69 0.00 | 25.01 0.61 0.00 | 25.49 0.43 0.00 | 29.31 0.55 0.00 | 31.38 0.25 0.00 | 34.08 0.34 0.00 | 34.50 0.41 0.00 | 36.51 0.29 0.00 | 31.52 0.47 0.00 | 27.18 0.77 0.00 | 24.36 0.71 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 21.46 -0.17 0.00 | 20.34 -0.35 0.00 | 19.12 -0.13 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.74 0.09 0.00 | 26.64 -0.11 0.00 | 28.29 0.00 0.00 | 26.69 0.26 0.00 | 23.56 0.44 0.00 | 23.82 0.81 0.00 | 23.60 0.64 0.00 | 23.73 0.74 0.00 | 24.86 0.93 0.00 | 25.06 0.66 0.00 | 25.39 0.32 0.00 | 29.14 0.37 0.00 | 30.79 0.34 0.00 | 33.41 -0.34 0.00 | 34.03 -0.07 0.00 | 36.12 -0.11 0.00 | 31.15 0.09 0.00 | 27.20 0.79 0.00 | 24.55 0.90 0.00 |
| ORANGEVILLE___ESR 323794 | 21.46 -0.17 0.00 | 20.34 -0.35 0.00 | 19.12 -0.13 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.74 0.09 0.00 | 26.64 -0.11 0.00 | 28.29 0.00 0.00 | 26.69 0.26 0.00 | 23.56 0.44 0.00 | 23.82 0.81 0.00 | 23.60 0.64 0.00 | 23.73 0.74 0.00 | 24.86 0.93 0.00 | 25.06 0.66 0.00 | 25.39 0.32 0.00 | 29.14 0.37 0.00 | 30.79 -0.34 0.00 | 33.41 -0.34 0.00 | 34.03 -0.07 0.00 | 36.12 -0.11 0.00 | 31.15 0.09 0.00 | 27.20 0.79 0.00 | 24.55 0.90 0.00 |
| OSWEGATCHIE___HYD 24044 | 21.44 -0.20 0.00 | 20.46 -0.23 0.00 | 19.03 -0.23 0.00 | 18.76 -0.23 0.00 | 19.75 -0.20 0.00 | 21.51 -0.15 0.00 | 26.62 -0.13 0.00 | 28.18 -0.11 0.00 | 26.21 -0.21 0.00 | 22.87 -0.25 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.54 -0.46 0.00 | 23.47 -0.46 0.00 | 23.96 -0.44 0.00 | 24.56 -0.50 0.00 | 28.19 -0.58 0.00 | 30.57 -0.56 0.00 | 33.34 -0.40 0.00 | 33.75 -0.34 0.00 | 36.04 -0.18 0.00 | 30.65 -0.40 0.00 | 26.17 -0.24 0.00 | 23.58 -0.07 0.00 |
| OSWEGO___5 23606 | 21.31 -0.32 0.00 | 20.32 -0.37 0.00 | 18.93 -0.33 0.00 | 18.64 -0.34 0.00 | 19.59 -0.36 0.00 | 21.35 -0.30 0.00 | 26.32 -0.43 0.00 | 27.81 -0.48 0.00 | 26.00 -0.42 0.00 | 22.75 -0.37 0.00 | 22.67 -0.34 0.00 | 22.61 -0.34 0.00 | 22.65 -0.34 0.00 | 23.59 -0.34 0.00 | 24.03 -0.37 0.00 | 24.66 -0.40 0.00 | 28.30 -0.46 0.00 | 30.54 -0.59 0.00 | 33.10 -0.64 0.00 | 33.44 -0.65 0.00 | 35.50 -0.72 0.00 | 30.47 -0.59 0.00 | 26.01 -0.40 0.00 | 23.39 -0.26 0.00 |
| OSWEGO___6 23613 | 21.31 -0.32 0.00 | 20.32 -0.37 0.00 | 18.93 -0.33 0.00 | 18.64 -0.34 0.00 | 19.59 -0.36 0.00 | 21.35 -0.30 0.00 | 26.32 -0.43 0.00 | 27.81 -0.48 0.00 | 26.00 -0.42 0.00 | 22.75 -0.37 0.00 | 22.67 -0.34 0.00 | 22.61 -0.34 0.00 | 22.65 -0.34 0.00 | 23.59 -0.34 0.00 | 24.03 -0.37 0.00 | 24.66 -0.40 0.00 | 28.30 -0.46 0.00 | 30.54 -0.59 0.00 | 33.10 -0.64 0.00 | 33.44 -0.65 0.00 | 35.50 -0.72 0.00 | 30.47 -0.59 0.00 | 26.01 -0.40 0.00 | 23.39 -0.26 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.14 -0.12 0.00 | 18.62 -0.36 0.00 | 19.63 -0.32 0.00 | 21.64 -0.02 0.00 | 26.40 -0.35 0.00 | 27.95 -0.34 0.00 | 26.43 0.00 0.00 | 23.26 0.14 0.00 | 23.55 0.53 0.00 | 23.30 0.34 0.00 | 23.43 0.44 0.00 | 24.57 0.65 0.00 | 24.76 0.37 0.00 | 25.04 -0.03 0.00 | 28.50 -0.26 0.00 | 30.26 -0.90 -0.03 | 32.29 -1.48 -0.03 | 33.30 -0.82 -0.03 | 35.42 -0.83 -0.03 | 30.41 -0.65 0.00 | 26.65 0.24 0.00 | 24.19 0.54 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| OXBOW___BTM 323836 | 21.14 -0.50 0.00 | 20.09 -0.60 0.00 | 18.93 -0.33 0.00 | 18.36 -0.63 0.00 | 19.39 -0.56 0.00 | 21.33 -0.32 0.00 | 25.97 -0.78 0.00 | 27.50 -0.79 0.00 | 25.98 -0.45 0.00 | 22.87 -0.25 0.00 | 23.16 0.14 0.00 | 22.93 -0.02 0.00 | 23.04 0.05 0.00 | 24.17 0.24 0.00 | 24.32 -0.07 0.00 | 24.61 -0.45 0.00 | 28.25 -0.52 0.00 | 29.70 -1.46 -0.03 | 32.15 -1.62 -0.03 | 32.72 -1.40 -0.03 | 34.69 -1.56 -0.03 | 29.91 -1.15 0.00 | 26.25 -0.16 0.00 | 23.79 0.14 0.00 |
| OXBOW____ 24026 | 21.14 -0.50 0.00 | 19.96 -0.72 0.00 | 18.89 -0.37 0.00 | 18.36 -0.63 0.00 | 19.39 -0.56 0.00 | 21.33 -0.32 0.00 | 25.97 -0.78 0.00 | 27.50 -0.79 0.00 | 25.98 -0.45 0.00 | 22.87 -0.25 0.00 | 23.16 0.14 0.00 | 22.93 -0.02 0.00 | 23.04 0.05 0.00 | 24.14 0.22 0.00 | 24.35 -0.05 0.00 | 24.61 -0.45 0.00 | 27.99 -0.78 0.00 | 29.70 -1.46 -0.03 | 31.71 -2.06 -0.03 | 32.69 -1.43 -0.03 | 34.76 -1.49 -0.03 | 29.85 -1.21 0.00 | 26.17 -0.24 0.00 | 23.79 0.14 0.00 |
| OXY_CHEM_DSASP 323612 | 20.81 -0.82 0.00 | 19.67 -1.01 0.00 | 18.64 -0.62 0.00 | 18.09 -0.89 0.00 | 19.11 -0.84 0.00 | 21.01 -0.65 0.00 | 25.54 -1.20 0.00 | 26.96 -1.33 0.00 | 25.47 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.41 -1.35 0.00 | 29.05 -2.05 0.03 | 31.01 -2.70 0.03 | 31.95 -2.11 0.03 | 33.98 -2.21 0.03 | 29.26 -1.80 0.00 | 25.62 -0.79 0.00 | 23.34 -0.31 0.00 |
| OZONE_PARK_ESR 323760 | 23.32 1.69 0.00 | 21.95 1.26 0.00 | 20.37 1.12 0.00 | 20.12 1.14 0.00 | 21.09 1.14 0.00 | 23.07 1.41 0.00 | 29.08 2.33 0.00 | 30.92 2.63 0.00 | 29.02 2.59 0.00 | 25.37 2.24 0.00 | 25.32 2.30 0.00 | 25.32 2.36 0.00 | 25.30 2.30 0.00 | 26.30 2.37 0.00 | 26.84 2.44 0.00 | 27.80 2.71 -0.03 | 31.73 2.96 0.00 | 34.62 3.49 -0.01 | 37.32 3.58 0.00 | 37.67 3.58 0.00 | 39.91 3.69 0.00 | 34.38 3.32 0.00 | 28.89 2.48 0.00 | 25.47 1.82 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 20.81 -0.82 0.00 | 19.67 -1.01 0.00 | 18.64 -0.62 0.00 | 18.09 -0.89 0.00 | 19.11 -0.84 0.00 | 21.01 -0.65 0.00 | 25.54 -1.20 0.00 | 26.96 -1.33 0.00 | 25.47 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.41 -1.35 0.00 | 29.05 -2.05 0.03 | 31.01 -2.70 0.03 | 31.95 -2.11 0.03 | 33.98 -2.21 0.03 | 29.26 -1.80 0.00 | 25.62 -0.79 0.00 | 23.34 -0.31 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 20.81 -0.82 0.00 | 19.67 -1.01 0.00 | 18.64 -0.62 0.00 | 18.09 -0.89 0.00 | 19.11 -0.84 0.00 | 21.01 -0.65 0.00 | 25.54 -1.20 0.00 | 26.96 -1.33 0.00 | 25.47 -0.95 0.00 | 22.43 -0.69 0.00 | 22.72 -0.30 0.00 | 22.50 -0.46 0.00 | 22.61 -0.39 0.00 | 23.69 -0.24 0.00 | 23.86 -0.54 0.00 | 24.11 -0.95 0.00 | 27.41 -1.35 0.00 | 29.05 -2.05 0.03 | 31.01 -2.70 0.03 | 31.95 -2.11 0.03 | 33.98 -2.21 0.03 | 29.26 -1.80 0.00 | 25.62 -0.79 0.00 | 23.34 -0.31 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 23.15 1.51 0.00 | 21.74 1.06 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.85 0.90 0.00 | 22.76 1.10 0.00 | 28.67 1.93 0.00 | 30.53 2.24 0.00 | 28.62 2.19 0.00 | 25.07 1.94 0.00 | 25.00 1.98 0.00 | 25.02 2.07 0.00 | 25.00 2.00 0.00 | 26.01 2.08 0.00 | 26.64 2.24 0.00 | 27.47 2.38 -0.03 | 31.32 2.56 0.00 | 34.22 3.08 -0.01 | 36.84 3.10 0.00 | 37.13 3.03 0.00 | 39.33 3.11 0.00 | 33.92 2.86 0.00 | 28.52 2.11 0.00 | 25.18 1.54 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 23.19 1.56 0.00 | 21.76 1.08 0.00 | 20.20 0.94 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.81 1.15 0.00 | 28.73 1.98 0.00 | 30.53 2.24 0.00 | 28.62 2.19 0.00 | 25.05 1.92 0.00 | 25.00 1.98 0.00 | 25.02 2.07 0.00 | 25.00 2.00 0.00 | 25.99 2.06 0.00 | 26.62 2.22 0.00 | 27.45 2.36 -0.03 | 31.29 2.53 0.00 | 34.19 3.05 -0.01 | 36.84 3.10 0.00 | 37.16 3.07 0.00 | 39.41 3.19 0.00 | 34.01 2.95 0.00 | 28.66 2.24 0.00 | 25.30 1.66 0.00 |
| PATROON__115KV_TB1 80586 | 22.35 0.71 0.00 | 21.29 0.60 0.00 | 19.80 0.54 0.00 | 19.57 0.59 0.00 | 20.51 0.56 0.00 | 22.18 0.52 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.06 0.63 0.00 | 23.70 0.58 0.00 | 23.53 0.51 0.00 | 23.51 0.55 0.00 | 23.53 0.53 0.00 | 24.38 0.45 0.00 | 24.89 0.49 0.00 | 25.66 0.60 0.00 | 29.51 0.75 0.00 | 32.03 0.90 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 31.99 0.93 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 22.54 0.91 0.00 | 21.56 0.87 0.00 | 20.01 0.75 0.00 | 19.74 0.76 0.00 | 20.77 0.82 0.00 | 22.65 1.00 0.00 | 28.19 1.44 0.00 | 29.74 1.44 0.00 | 27.75 1.32 0.00 | 24.17 1.04 0.00 | 23.96 0.94 0.00 | 23.90 0.94 0.00 | 23.94 0.94 0.00 | 24.84 0.91 0.00 | 25.40 1.00 0.00 | 26.19 1.13 0.00 | 30.12 1.35 0.00 | 32.78 1.65 0.00 | 35.56 1.82 0.00 | 36.00 1.91 0.00 | 38.17 1.95 0.00 | 32.77 1.71 0.00 | 27.78 1.37 0.00 | 24.76 1.11 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 22.07 0.43 0.00 | 20.83 0.14 0.00 | 19.64 0.39 0.00 | 19.15 0.17 0.00 | 20.19 0.24 0.00 | 22.31 0.65 0.00 | 27.28 0.53 0.00 | 28.86 0.57 0.00 | 27.27 0.85 0.00 | 24.03 0.90 0.00 | 24.31 1.29 0.00 | 24.06 1.10 0.00 | 24.19 1.20 0.00 | 25.34 1.41 0.00 | 25.54 1.15 0.00 | 25.89 0.83 0.00 | 29.48 0.72 0.00 | 31.32 0.19 -0.01 | 33.48 -0.27 -0.01 | 34.47 0.38 -0.01 | 36.62 0.40 -0.01 | 31.46 0.40 0.00 | 27.57 1.16 0.00 | 25.00 1.35 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 23.32 1.69 0.00 | 22.01 1.32 0.00 | 20.43 1.17 0.00 | 20.14 1.16 0.00 | 21.09 1.14 0.00 | 23.09 1.43 0.00 | 28.97 2.22 0.00 | 30.61 2.32 0.00 | 28.70 2.27 0.00 | 25.09 1.97 0.00 | 25.00 1.98 0.00 | 24.93 1.97 0.00 | 25.02 2.02 0.00 | 25.99 2.06 0.00 | 26.57 2.17 0.00 | 27.47 2.41 0.00 | 31.50 2.73 0.00 | 34.34 3.21 0.00 | 37.11 3.37 0.00 | 37.40 3.31 0.00 | 39.70 3.48 0.00 | 34.10 3.04 0.00 | 28.71 2.30 0.00 | 25.37 1.73 0.00 |
| PEEKSKILL____ 23653 | 22.96 1.32 0.00 | 21.72 1.03 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.87 1.21 0.00 | 28.70 1.95 0.00 | 30.42 2.12 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.79 1.84 0.00 | 24.81 1.82 0.00 | 25.80 1.87 0.00 | 26.30 1.90 0.00 | 27.19 2.13 0.00 | 31.09 2.33 0.00 | 33.90 2.77 0.00 | 36.57 2.83 0.00 | 36.96 2.86 0.00 | 39.22 3.00 0.00 | 33.70 2.64 0.00 | 28.39 1.98 0.00 | 25.11 1.47 0.00 |
| PGE MADISON__WINDPWR 24146 | 23.06 1.43 0.00 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.01 1.02 0.00 | 21.15 1.20 0.00 | 23.20 1.54 0.00 | 29.02 2.27 0.00 | 31.83 3.54 0.00 | 29.91 3.49 0.00 | 26.15 3.03 0.00 | 25.78 2.76 0.00 | 25.80 2.85 0.00 | 26.06 3.06 0.00 | 26.94 3.01 0.00 | 27.62 3.22 0.00 | 28.42 3.36 0.00 | 32.64 3.88 0.00 | 34.06 2.93 0.00 | 37.15 3.41 0.00 | 37.53 3.44 0.00 | 39.88 3.66 0.00 | 34.13 3.08 0.00 | 29.21 2.80 0.00 | 26.06 2.41 0.00 |
| PIERCEFIELD__HYD 23852 | 21.05 -0.58 0.00 | 20.36 -0.33 0.00 | 18.95 -0.31 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.22 -0.43 0.00 | 26.16 -0.59 0.00 | 27.76 -0.54 0.00 | 25.82 -0.61 0.00 | 22.57 -0.56 0.00 | 22.44 -0.58 0.00 | 22.34 -0.62 0.00 | 22.21 -0.78 0.00 | 23.19 -0.74 0.00 | 23.69 -0.71 0.00 | 24.23 -0.83 0.00 | 27.76 -1.01 0.00 | 29.95 -1.18 0.00 | 32.69 -1.05 0.00 | 33.04 -1.06 0.00 | 35.31 -0.91 0.00 | 29.94 -1.12 0.00 | 25.62 -0.79 0.00 | 23.17 -0.47 0.00 |

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| PINELAWN_CC_1 323563 | 26.74 2.06 -3.04 | 26.52 1.74 -4.09 | 26.37 1.60 -5.52 | 22.30 1.59 -1.72 | 26.46 1.64 -4.87 | 27.06 1.97 -3.43 | 30.01 2.89 -0.37 | 31.48 3.11 -0.07 | 29.17 2.75 0.00 | 27.16 2.59 -1.45 | 30.76 2.62 -5.12 | 31.01 2.62 -5.44 | 30.27 2.60 -4.68 | 30.68 2.68 -4.08 | 30.95 2.73 -3.82 | 31.93 2.96 -3.91 | 36.41 3.25 -4.40 | 44.28 3.77 -9.38 | 47.10 3.91 -9.44 | 46.21 3.99 -8.13 | 47.37 4.20 -6.95 | 40.51 3.66 -5.79 | 31.51 2.93 -2.17 | 30.74 2.34 -4.76 |
| PJM_GEN_HTP_PROXY 323702 | 23.06 1.43 0.00 | 21.80 1.12 0.00 | 20.28 1.02 0.00 | 20.01 1.02 0.00 | 20.99 1.04 0.00 | 22.98 1.32 0.00 | 28.91 2.17 0.00 | 30.73 2.43 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.16 2.14 0.00 | 25.14 2.18 0.00 | 25.14 2.14 0.00 | 26.18 2.20 -0.05 | 26.60 2.24 0.04 | 27.60 2.51 -0.03 | 31.47 2.70 0.00 | 34.34 3.21 -0.01 | 36.98 3.24 0.00 | 37.37 3.27 0.00 | 39.62 3.40 0.00 | 34.07 3.01 0.00 | 28.65 2.24 0.00 | 25.30 1.65 0.00 |
| PJM_GEN_KEystone 24065 | 22.24 0.60 0.00 | 21.08 0.39 0.00 | 19.70 0.44 0.00 | 19.32 0.34 0.00 | 20.33 0.38 0.00 | 22.33 0.67 0.00 | 27.71 0.96 0.00 | 29.31 1.02 0.00 | 27.56 1.14 0.00 | 24.17 1.04 0.00 | 24.22 1.20 0.00 | 24.13 1.17 0.00 | 24.19 1.20 0.00 | 25.27 1.29 -0.05 | 25.47 1.12 0.05 | 26.19 1.13 0.00 | 29.94 1.18 0.00 | 32.25 1.12 0.00 | 34.85 1.11 0.00 | 35.32 1.23 0.00 | 37.45 1.23 0.00 | 32.24 1.18 0.00 | 27.63 1.22 0.00 | 24.66 1.02 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 26.88 1.86 -3.38 | 26.81 1.57 -4.55 | 26.83 1.44 -6.13 | 22.34 1.44 -1.91 | 26.84 1.48 -5.41 | 27.24 1.78 -3.81 | 29.41 2.65 -0.01 | 31.16 2.86 -0.01 | 29.04 2.62 0.00 | 27.14 2.40 -1.61 | 31.15 2.44 -5.69 | 31.46 2.46 -6.04 | 30.63 2.44 -5.20 | 31.00 2.51 -4.56 | 31.05 2.54 -4.12 | 32.07 2.73 -4.27 | 35.70 2.96 -3.97 | 42.72 3.42 -8.17 | 45.81 3.54 -8.53 | 44.79 3.58 -7.11 | 46.26 3.77 -6.28 | 39.61 3.32 -5.23 | 31.49 2.67 -2.41 | 31.01 2.08 -5.28 |
| PJM_GEN_VFT_PROXY 323633 | 22.98 1.34 0.00 | 21.70 1.01 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.87 0.92 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.61 2.32 0.00 | 28.72 2.30 0.00 | 25.14 2.01 0.00 | 25.09 2.07 0.00 | 25.07 2.11 0.00 | 25.07 2.07 0.00 | 26.11 2.13 -0.05 | 26.50 2.15 0.04 | 27.50 2.41 -0.03 | 31.35 2.59 0.00 | 34.22 3.08 -0.01 | 36.84 3.10 0.00 | 37.23 3.13 0.00 | 39.48 3.26 0.00 | 33.98 2.92 0.00 | 28.58 2.17 0.00 | 25.21 1.56 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 21.01 -0.63 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.66 0.00 0.00 | 26.72 -0.03 0.00 | 28.60 0.31 0.00 | 26.66 0.24 0.00 | 23.26 0.14 0.00 | 23.25 0.23 0.00 | 23.14 0.18 0.00 | 23.20 0.21 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.42 0.66 0.00 | 31.69 0.56 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.09 0.87 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| PLEASANTVLY__LBMP 24000 | 22.89 1.25 0.00 | 21.64 0.95 0.00 | 20.10 0.85 0.00 | 19.86 0.87 0.00 | 20.83 0.88 0.00 | 22.74 1.08 0.00 | 28.49 1.74 0.00 | 30.16 1.87 0.00 | 28.17 1.74 0.00 | 24.65 1.53 0.00 | 24.54 1.52 0.00 | 24.52 1.56 0.00 | 24.51 1.52 0.00 | 25.48 1.56 0.00 | 25.98 1.59 0.00 | 26.84 1.78 0.00 | 30.75 1.98 0.00 | 33.47 2.33 0.00 | 36.20 2.46 0.00 | 36.55 2.45 0.00 | 38.76 2.54 0.00 | 33.33 2.27 0.00 | 28.07 1.66 0.00 | 24.88 1.23 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.75 2.01 0.00 | 30.47 2.18 0.00 | 28.54 2.11 0.00 | 24.98 1.85 0.00 | 24.88 1.86 0.00 | 24.86 1.91 0.00 | 24.88 1.89 0.00 | 25.87 1.94 0.00 | 26.37 1.98 0.00 | 27.28 2.21 -0.01 | 31.21 2.44 0.00 | 33.99 2.86 0.00 | 36.74 3.00 0.00 | 37.06 2.97 0.00 | 39.33 3.11 0.00 | 33.79 2.73 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.24 0.98 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.75 2.01 0.00 | 30.47 2.18 0.00 | 28.54 2.11 0.00 | 24.98 1.85 0.00 | 24.88 1.86 0.00 | 24.86 1.91 0.00 | 24.88 1.89 0.00 | 25.87 1.94 0.00 | 26.37 1.98 0.00 | 27.28 2.21 -0.01 | 31.21 2.44 0.00 | 33.99 2.86 0.00 | 36.74 3.00 0.00 | 37.06 2.97 0.00 | 39.33 3.11 0.00 | 33.79 2.73 0.00 | 28.47 2.06 0.00 | 25.18 1.54 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 23.35 1.71 0.00 | 22.03 1.34 0.00 | 20.41 1.16 0.00 | 20.14 1.16 0.00 | 21.07 1.12 0.00 | 23.09 1.43 0.00 | 28.89 2.14 0.00 | 30.56 2.26 0.00 | 28.65 2.22 0.00 | 24.98 1.85 0.00 | 24.86 1.84 0.00 | 24.75 1.79 0.00 | 24.84 1.84 0.00 | 25.79 1.87 0.00 | 26.40 2.00 0.00 | 27.17 2.11 0.00 | 31.15 2.39 0.00 | 34.03 2.90 0.00 | 36.78 3.04 0.00 | 37.13 3.03 0.00 | 39.37 3.15 0.00 | 33.92 2.86 0.00 | 28.52 2.11 0.00 | 25.21 1.56 0.00 |
| POLETTI____ 23519 | 23.13 1.49 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.91 1.26 0.00 | 28.83 2.09 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.59 2.20 0.00 | 27.52 2.43 -0.03 | 31.44 2.67 0.00 | 34.28 3.14 -0.01 | 36.98 3.24 0.00 | 37.26 3.17 0.00 | 39.52 3.30 0.00 | 34.04 2.98 0.00 | 28.60 2.19 0.00 | 25.23 1.58 0.00 |
| POMONA__ESR 323819 | 22.96 1.32 0.00 | 21.74 1.05 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.91 0.96 0.00 | 22.89 1.23 0.00 | 28.68 1.93 0.00 | 30.39 2.09 0.00 | 28.49 2.06 0.00 | 24.91 1.78 0.00 | 24.84 1.82 0.00 | 24.79 1.84 0.00 | 24.81 1.82 0.00 | 25.80 1.87 0.00 | 26.28 1.88 0.00 | 27.16 2.11 0.00 | 31.03 2.27 0.00 | 33.87 2.74 0.00 | 36.51 2.77 0.00 | 36.89 2.80 0.00 | 39.15 2.93 0.00 | 33.67 2.61 0.00 | 28.36 1.95 0.00 | 25.11 1.47 0.00 |
| PORT_JEFF_3 23555 | 27.02 2.14 -3.24 | 26.89 1.84 -4.36 | 26.81 1.67 -5.87 | 22.49 1.67 -1.83 | 26.87 1.73 -5.19 | 27.39 2.08 -3.65 | 36.93 3.07 -7.11 | 32.89 3.31 -1.29 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.12 2.65 -5.45 | 31.39 2.64 -5.79 | 30.60 2.62 -4.98 | 30.99 2.73 -4.33 | 31.18 2.76 -4.02 | 32.22 3.03 -4.12 | 36.47 3.45 -4.26 | 44.62 3.92 -9.57 | 46.73 4.08 -8.91 | 45.75 4.12 -7.54 | 47.09 4.31 -6.56 | 40.48 3.85 -5.57 | 31.76 3.04 -2.31 | 31.17 2.46 -5.06 |
| PORT_JEFF_4 23616 | 27.02 2.14 -3.24 | 26.89 1.84 -4.36 | 26.81 1.67 -5.87 | 22.49 1.67 -1.83 | 26.87 1.73 -5.19 | 27.39 2.08 -3.65 | 36.93 3.07 -7.11 | 32.89 3.31 -1.29 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.12 2.65 -5.45 | 31.39 2.64 -5.79 | 30.60 2.62 -4.98 | 30.99 2.73 -4.33 | 31.18 2.76 -4.02 | 32.22 3.03 -4.12 | 36.47 3.45 -4.26 | 44.62 3.92 -9.57 | 46.73 4.08 -8.91 | 45.75 4.12 -7.54 | 47.09 4.31 -6.56 | 40.48 3.85 -5.57 | 31.76 3.04 -2.31 | 31.17 2.46 -5.06 |
| PORT_JEFF_IC 23713 | 27.12 2.25 -3.24 | 26.90 1.86 -4.35 | 26.79 1.68 -5.86 | 22.50 1.69 -1.83 | 26.86 1.74 -5.18 | 27.38 2.08 -3.64 | 37.93 3.10 -8.08 | 33.06 3.31 -1.46 | 29.20 2.77 0.00 | 27.30 2.64 -1.54 | 31.11 2.65 -5.44 | 31.44 2.71 -5.78 | 30.59 2.62 -4.97 | 30.98 2.73 -4.32 | 31.19 2.78 -4.01 | 32.21 3.03 -4.12 | 36.55 3.51 -4.28 | 44.77 3.92 -9.72 | 46.82 4.15 -8.93 | 45.77 4.13 -7.56 | 47.14 4.35 -6.57 | 40.57 3.91 -5.60 | 31.78 3.06 -2.30 | 31.09 2.39 -5.05 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| PPL PILGRIM_ST_GT1 24216 | 26.99 2.14 -3.21 | 26.85 1.84 -4.32 | 26.77 1.69 -5.82 | 22.49 1.69 -1.81 | 26.82 1.73 -5.14 | 27.35 2.08 -3.62 | 30.99 3.02 -1.22 | 31.74 3.22 -0.23 | 29.25 2.83 0.00 | 27.33 2.68 -1.53 | 31.13 2.71 -5.40 | 31.40 2.71 -5.74 | 30.62 2.69 -4.93 | 30.99 2.77 -4.29 | 31.19 2.80 -3.99 | 32.21 3.06 -4.09 | 36.39 3.42 -4.21 | 44.00 3.95 -8.92 | 46.85 4.11 -8.99 | 45.88 4.16 -7.63 | 47.22 4.38 -6.62 | 40.41 3.82 -5.53 | 31.76 3.06 -2.29 | 31.12 2.46 -5.01 |
| PPL PILGRIM_ST_GT2 24217 | 26.99 2.14 -3.21 | 26.85 1.84 -4.32 | 26.77 1.69 -5.82 | 22.49 1.69 -1.81 | 26.82 1.73 -5.14 | 27.35 2.08 -3.62 | 30.99 3.02 -1.22 | 31.74 3.22 -0.23 | 29.25 2.83 0.00 | 27.33 2.68 -1.53 | 31.13 2.71 -5.40 | 31.40 2.71 -5.74 | 30.62 2.69 -4.93 | 30.99 2.77 -4.29 | 31.19 2.80 -3.99 | 32.21 3.06 -4.09 | 36.39 3.42 -4.21 | 44.00 3.95 -8.92 | 46.85 4.11 -8.99 | 45.88 4.16 -7.63 | 47.22 4.38 -6.62 | 40.41 3.82 -5.53 | 31.76 3.06 -2.29 | 31.12 2.46 -5.01 |
| PPL_SHRM_GT3 24213 | 26.76 1.88 -3.24 | 26.64 1.59 -4.36 | 26.57 1.44 -5.87 | 22.28 1.46 -1.83 | 26.61 1.48 -5.18 | 27.15 1.84 -3.65 | 36.83 3.00 -7.09 | 32.75 3.17 -1.29 | 28.62 2.19 0.00 | 26.77 2.10 -1.54 | 30.61 2.14 -5.45 | 30.90 2.16 -5.79 | 30.11 2.14 -4.98 | 30.51 2.25 -4.33 | 30.74 2.32 -4.02 | 31.79 2.61 -4.12 | 36.22 3.19 -4.26 | 44.44 3.73 -9.57 | 46.53 3.88 -8.91 | 45.55 3.92 -7.54 | 46.91 4.13 -6.56 | 40.23 3.60 -5.57 | 31.46 2.75 -2.31 | 30.88 2.17 -5.06 |
| PPL_SHRM_GT4 24214 | 26.76 1.88 -3.24 | 26.64 1.59 -4.36 | 26.57 1.44 -5.87 | 22.28 1.46 -1.83 | 26.61 1.48 -5.18 | 27.15 1.84 -3.65 | 36.83 3.00 -7.09 | 32.75 3.17 -1.29 | 28.62 2.19 0.00 | 26.77 2.10 -1.54 | 30.61 2.14 -5.45 | 30.90 2.16 -5.79 | 30.11 2.14 -4.98 | 30.51 2.25 -4.33 | 30.74 2.32 -4.02 | 31.79 2.61 -4.12 | 36.22 3.19 -4.26 | 44.44 3.73 -9.57 | 46.53 3.88 -8.91 | 45.55 3.92 -7.54 | 46.91 4.13 -6.56 | 40.23 3.60 -5.57 | 31.46 2.75 -2.31 | 30.88 2.17 -5.06 |
| PROJECT___ORANGE 1 24174 | 21.61 -0.02 0.00 | 20.54 -0.14 0.00 | 19.16 -0.10 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.64 -0.02 0.00 | 26.72 -0.03 0.00 | 28.35 0.06 0.00 | 26.50 0.08 0.00 | 23.24 0.12 0.00 | 23.16 0.14 0.00 | 23.07 0.11 0.00 | 23.16 0.16 0.00 | 24.10 0.17 0.00 | 24.57 0.17 0.00 | 25.11 0.05 0.00 | 28.79 0.03 0.00 | 31.10 -0.03 0.00 | 33.61 -0.13 0.00 | 33.99 -0.10 0.00 | 36.08 -0.14 0.00 | 30.96 -0.09 0.00 | 26.46 0.05 0.00 | 23.77 0.12 0.00 |
| PROJECT___ORANGE 2 24166 | 21.61 -0.02 0.00 | 20.54 -0.14 0.00 | 19.16 -0.10 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.64 -0.02 0.00 | 26.72 -0.03 0.00 | 28.35 0.06 0.00 | 26.50 0.08 0.00 | 23.24 0.12 0.00 | 23.16 0.14 0.00 | 23.07 0.11 0.00 | 23.16 0.16 0.00 | 24.10 0.17 0.00 | 24.57 0.17 0.00 | 25.11 0.05 0.00 | 28.79 0.03 0.00 | 31.10 -0.03 0.00 | 33.61 -0.13 0.00 | 33.99 -0.10 0.00 | 36.08 -0.14 0.00 | 30.96 -0.09 0.00 | 26.46 0.05 0.00 | 23.77 0.12 0.00 |
| PUCKETT___SOLAR 323809 | 22.33 0.69 0.00 | 21.25 0.56 0.00 | 19.80 0.54 0.00 | 19.48 0.49 0.00 | 20.49 0.54 0.00 | 22.44 0.78 0.00 | 27.87 1.12 0.00 | 29.60 1.30 0.00 | 27.64 1.22 0.00 | 24.19 1.06 0.00 | 24.03 1.01 0.00 | 23.94 0.99 0.00 | 24.05 1.06 0.00 | 25.03 1.10 0.00 | 25.52 1.12 0.00 | 26.21 1.15 0.00 | 30.12 1.35 0.00 | 32.44 1.31 0.00 | 35.19 1.45 0.00 | 35.52 1.43 0.00 | 37.71 1.49 0.00 | 32.36 1.30 0.00 | 27.70 1.29 0.00 | 24.76 1.11 0.00 |
| PYRITES___HYD 24023 | 21.27 -0.37 0.00 | 20.61 -0.08 0.00 | 19.16 -0.10 0.00 | 18.91 -0.08 0.00 | 19.91 -0.04 0.00 | 21.51 -0.15 0.00 | 26.53 -0.21 0.00 | 28.12 -0.17 0.00 | 26.16 -0.26 0.00 | 22.85 -0.28 0.00 | 22.70 -0.32 0.00 | 22.59 -0.37 0.00 | 22.51 -0.48 0.00 | 23.47 -0.45 0.00 | 24.01 -0.39 0.00 | 24.59 -0.48 0.00 | 28.16 -0.60 0.00 | 30.41 -0.72 0.00 | 33.27 -0.47 0.00 | 33.62 -0.48 0.00 | 35.97 -0.25 0.00 | 30.47 -0.59 0.00 | 26.01 -0.40 0.00 | 23.46 -0.19 0.00 |
| QUAKERRD_115KV_BK1 80622 | 20.99 -0.65 0.00 | 19.90 -0.79 0.00 | 18.64 -0.62 0.00 | 18.24 -0.74 0.00 | 19.21 -0.74 0.00 | 21.07 -0.58 0.00 | 25.89 -0.86 0.00 | 27.53 -0.76 0.00 | 25.84 -0.58 0.00 | 22.64 -0.49 0.00 | 22.72 -0.30 0.00 | 22.57 -0.39 0.00 | 22.65 -0.34 0.00 | 23.66 -0.26 0.00 | 24.03 -0.37 0.00 | 24.43 -0.63 0.00 | 27.96 -0.81 0.00 | 29.89 -1.25 0.00 | 32.19 -1.55 0.00 | 32.76 -1.33 0.00 | 34.81 -1.41 0.00 | 29.91 -1.15 0.00 | 25.80 -0.61 0.00 | 23.29 -0.35 0.00 |
| QUENSBRY_115KV_TB8 356137 | 22.67 1.04 0.00 | 21.62 0.93 0.00 | 20.01 0.75 0.00 | 19.74 0.76 0.00 | 20.79 0.84 0.00 | 22.65 1.00 0.00 | 28.25 1.50 0.00 | 29.76 1.47 0.00 | 27.77 1.35 0.00 | 24.17 1.04 0.00 | 23.92 0.90 0.00 | 23.87 0.92 0.00 | 23.92 0.92 0.00 | 24.74 0.81 0.00 | 25.35 0.95 0.00 | 26.24 1.18 0.00 | 30.23 1.47 0.00 | 32.87 1.74 0.00 | 35.70 1.96 0.00 | 36.14 2.05 0.00 | 38.32 2.10 0.00 | 32.89 1.83 0.00 | 27.81 1.40 0.00 | 24.74 1.09 0.00 |
| RAMAPO___LBMP 323565 | 22.98 1.34 0.00 | 21.70 1.01 0.00 | 20.14 0.89 0.00 | 19.87 0.89 0.00 | 20.85 0.90 0.00 | 22.81 1.15 0.00 | 28.59 1.85 0.00 | 30.30 2.01 0.00 | 28.38 1.96 0.00 | 24.84 1.71 0.00 | 24.75 1.73 0.00 | 24.72 1.77 0.00 | 24.74 1.75 0.00 | 25.72 1.79 0.00 | 26.18 1.78 0.00 | 27.06 2.00 0.00 | 30.98 2.21 0.00 | 33.75 2.61 0.00 | 36.44 2.70 0.00 | 36.79 2.69 0.00 | 39.01 2.79 0.00 | 33.54 2.48 0.00 | 28.31 1.90 0.00 | 25.04 1.40 0.00 |
| RANKINE____ 23646 | 21.74 0.11 0.00 | 20.52 -0.17 0.00 | 19.37 0.12 0.00 | 18.89 -0.09 0.00 | 19.89 -0.06 0.00 | 21.96 0.30 0.00 | 26.86 0.11 0.00 | 28.43 0.14 0.00 | 26.87 0.45 0.00 | 23.66 0.53 0.00 | 23.94 0.92 0.00 | 23.71 0.76 0.00 | 23.85 0.85 0.00 | 24.98 1.05 0.00 | 25.18 0.78 0.00 | 25.49 0.43 0.00 | 29.02 0.26 0.00 | 30.79 -0.34 -0.01 | 32.90 -0.84 -0.01 | 33.93 -0.17 -0.01 | 36.05 -0.18 -0.01 | 30.96 -0.09 0.00 | 27.12 0.71 0.00 | 24.62 0.97 0.00 |
| RAVENSWOOD_GT2_1 24244 | 23.15 1.51 0.00 | 21.81 1.12 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.86 2.11 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.09 2.13 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.59 2.20 0.00 | 27.55 2.46 -0.03 | 31.44 2.67 0.00 | 34.28 3.14 -0.01 | 36.98 3.24 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 34.04 2.98 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| RAVENSWOOD_GT2_2 24245 | 23.15 1.51 0.00 | 21.81 1.12 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.86 2.11 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.09 2.13 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.59 2.20 0.00 | 27.55 2.46 -0.03 | 31.44 2.67 0.00 | 34.28 3.14 -0.01 | 36.98 3.24 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 34.04 2.98 0.00 | 28.63 2.22 0.00 | 25.26 1.61 0.00 |
| RAVENSWOOD_GT2_3 24246 | 23.17 1.54 0.00 | 21.83 1.14 0.00 | 20.26 1.00 0.00 | 20.01 1.03 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.86 2.11 0.00 | 30.70 2.40 0.00 | 28.78 2.35 0.00 | 25.18 2.06 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.62 2.22 0.00 | 27.55 2.46 -0.03 | 31.47 2.70 0.00 | 34.31 3.18 -0.01 | 37.01 3.27 0.00 | 37.30 3.20 0.00 | 39.55 3.33 0.00 | 34.07 3.01 0.00 | 28.63 2.22 0.00 | 25.28 1.63 0.00 |

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| RAVENSWOOD___2 23534 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 20.01 1.02 0.00 | 20.95 1.00 0.00 | 22.89 1.23 0.00 | 28.81 2.06 0.00 | 30.67 2.38 0.00 | 28.78 2.35 0.00 | 25.18 2.06 0.00 | 25.14 2.12 0.00 | 25.14 2.18 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.67 2.27 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.38 3.24 -0.01 | 36.95 3.21 0.00 | 37.30 3.20 0.00 | 39.55 3.33 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| RAVENSWOOD___3 23535 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 20.01 1.02 0.00 | 20.97 1.02 0.00 | 22.94 1.28 0.00 | 28.86 2.11 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.16 2.04 0.00 | 25.11 2.09 0.00 | 25.09 2.14 0.00 | 25.09 2.09 0.00 | 26.08 2.15 0.00 | 26.60 2.20 -0.01 | 27.55 2.46 -0.03 | 31.41 2.64 0.00 | 34.32 3.18 -0.01 | 36.91 3.17 0.00 | 37.30 3.20 0.00 | 39.55 3.33 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| RAVENSWOOD___4 23820 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.89 1.23 0.00 | 28.81 2.06 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.18 2.06 0.00 | 25.11 2.09 0.00 | 25.11 2.16 0.00 | 25.11 2.11 0.00 | 26.11 2.18 0.00 | 26.67 2.27 -0.01 | 27.57 2.48 -0.03 | 31.44 2.68 0.00 | 34.38 3.24 -0.01 | 36.95 3.21 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 34.01 2.95 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| RCPI_TRUST___DRP 24196 | 23.22 1.58 0.00 | 21.85 1.16 0.00 | 20.30 1.04 0.00 | 20.05 1.06 0.00 | 21.01 1.06 0.00 | 23.00 1.34 0.00 | 28.97 2.22 0.00 | 30.78 2.49 0.00 | 28.88 2.46 0.00 | 25.28 2.15 0.00 | 25.21 2.19 0.00 | 25.21 2.25 0.00 | 25.20 2.21 0.00 | 26.20 2.27 0.00 | 26.72 2.32 0.00 | 27.65 2.56 -0.03 | 31.55 2.79 0.00 | 34.44 3.30 -0.01 | 37.11 3.37 0.00 | 37.43 3.34 0.00 | 39.66 3.44 0.00 | 34.16 3.11 0.00 | 28.71 2.30 0.00 | 25.33 1.68 0.00 |
| RED___ROCHESTER 323720 | 21.59 -0.04 0.00 | 20.50 -0.19 0.00 | 19.20 -0.06 0.00 | 18.76 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.62 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.19 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.79 0.39 0.00 | 25.21 0.15 0.00 | 28.97 0.20 0.00 | 30.69 -0.44 0.00 | 33.30 -0.44 0.00 | 33.72 -0.37 0.00 | 35.75 -0.47 0.00 | 30.81 -0.25 0.00 | 26.67 0.26 0.00 | 24.07 0.43 0.00 |
| REGAN___SOLAR 323812 | 24.00 2.36 0.00 | 23.15 2.46 0.00 | 21.30 2.04 0.00 | 20.99 2.01 0.00 | 22.19 2.23 0.00 | 24.36 2.71 0.00 | 30.49 3.74 0.00 | 31.92 3.62 0.00 | 29.76 3.33 0.00 | 25.62 2.50 0.00 | 25.21 2.19 0.00 | 25.07 2.11 0.00 | 25.16 2.16 0.00 | 26.01 2.08 0.00 | 26.74 2.34 0.00 | 27.82 2.76 0.00 | 32.16 3.39 0.00 | 35.43 4.30 0.00 | 38.60 4.86 0.00 | 39.24 5.15 0.00 | 41.55 5.33 0.00 | 35.53 4.47 0.00 | 30.32 3.91 0.00 | 26.89 3.24 0.00 |
| RENSSELAER___COGEN 23796 | 22.00 0.37 0.00 | 21.18 0.50 0.00 | 19.70 0.44 0.00 | 19.50 0.51 0.00 | 20.43 0.48 0.00 | 22.07 0.41 0.00 | 27.47 0.72 0.00 | 28.91 0.62 0.00 | 26.98 0.56 0.00 | 23.63 0.51 0.00 | 23.46 0.44 0.00 | 23.41 0.46 0.00 | 23.43 0.44 0.00 | 24.31 0.38 0.00 | 24.81 0.41 0.00 | 25.49 0.43 0.00 | 29.31 0.55 0.00 | 31.88 0.75 0.00 | 34.52 0.78 0.00 | 34.91 0.82 0.00 | 37.05 0.83 0.00 | 31.83 0.78 0.00 | 26.86 0.45 0.00 | 23.98 0.33 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 23.58 1.95 0.00 | 22.55 1.86 0.00 | 20.78 1.52 0.00 | 20.50 1.52 0.00 | 21.61 1.66 0.00 | 23.61 1.95 0.00 | 29.48 2.73 0.00 | 30.98 2.69 0.00 | 28.88 2.46 0.00 | 25.05 1.92 0.00 | 24.70 1.68 0.00 | 24.65 1.70 0.00 | 24.72 1.72 0.00 | 25.48 1.56 0.00 | 26.18 1.78 0.00 | 27.19 2.13 0.00 | 31.35 2.59 0.00 | 34.18 3.05 0.00 | 37.15 3.41 0.00 | 37.77 3.68 0.00 | 39.99 3.77 0.00 | 34.29 3.23 0.00 | 29.03 2.61 0.00 | 25.85 2.20 0.00 |
| REVERE_CPPR_DRP 24186 | 22.39 0.76 0.00 | 21.27 0.58 0.00 | 19.80 0.54 0.00 | 19.49 0.51 0.00 | 20.53 0.58 0.00 | 22.44 0.78 0.00 | 27.87 1.12 0.00 | 29.51 1.22 0.00 | 27.69 1.27 0.00 | 24.21 1.09 0.00 | 23.99 0.97 0.00 | 23.90 0.94 0.00 | 24.03 1.03 0.00 | 24.91 0.98 0.00 | 25.45 1.05 0.00 | 26.09 1.03 0.00 | 29.88 1.12 0.00 | 32.50 1.37 0.00 | 35.29 1.55 0.00 | 35.70 1.60 0.00 | 37.96 1.74 0.00 | 32.49 1.43 0.00 | 27.63 1.21 0.00 | 24.71 1.06 0.00 |
| REYNOLDS_115KV_TB3 80639 | 22.39 0.76 0.00 | 21.29 0.60 0.00 | 19.82 0.56 0.00 | 19.59 0.61 0.00 | 20.53 0.58 0.00 | 22.26 0.61 0.00 | 27.74 0.99 0.00 | 29.17 0.88 0.00 | 27.19 0.77 0.00 | 23.77 0.65 0.00 | 23.59 0.58 0.00 | 23.55 0.60 0.00 | 23.57 0.57 0.00 | 24.45 0.53 0.00 | 24.96 0.56 0.00 | 25.71 0.65 0.00 | 29.57 0.81 0.00 | 32.10 0.97 0.00 | 34.85 1.11 0.00 | 35.18 1.09 0.00 | 37.34 1.12 0.00 | 32.08 1.02 0.00 | 27.07 0.66 0.00 | 24.17 0.52 0.00 |
| RIVERBAY____ 323610 | 23.19 1.56 0.00 | 21.76 1.08 0.00 | 20.20 0.94 0.00 | 19.95 0.97 0.00 | 20.89 0.94 0.00 | 22.81 1.15 0.00 | 28.73 1.98 0.00 | 30.53 2.24 0.00 | 28.62 2.19 0.00 | 25.05 1.92 0.00 | 25.00 1.98 0.00 | 25.02 2.07 0.00 | 25.00 2.00 0.00 | 25.99 2.06 0.00 | 26.62 2.22 0.00 | 27.45 2.36 -0.03 | 31.29 2.53 0.00 | 34.19 3.05 -0.01 | 36.84 3.10 0.00 | 37.16 3.07 0.00 | 39.41 3.19 0.00 | 34.01 2.95 0.00 | 28.66 2.24 0.00 | 25.30 1.66 0.00 |
| RIVERSDE_115KV_TB3 55908 | 22.29 0.65 0.00 | 21.23 0.54 0.00 | 19.74 0.48 0.00 | 19.51 0.53 0.00 | 20.45 0.50 0.00 | 22.11 0.45 0.00 | 27.52 0.78 0.00 | 28.97 0.68 0.00 | 26.95 0.53 0.00 | 23.61 0.49 0.00 | 23.46 0.44 0.00 | 23.42 0.46 0.00 | 23.43 0.44 0.00 | 24.29 0.36 0.00 | 24.79 0.39 0.00 | 25.56 0.50 0.00 | 29.48 0.72 0.00 | 32.03 0.90 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 21.10 -0.54 0.00 | 20.15 -0.54 0.00 | 18.70 -0.56 0.00 | 18.43 -0.55 0.00 | 19.39 -0.56 0.00 | 21.01 -0.65 0.00 | 25.97 -0.78 0.00 | 27.59 -0.71 0.00 | 25.84 -0.58 0.00 | 22.71 -0.42 0.00 | 22.67 -0.34 0.00 | 22.61 -0.34 0.00 | 22.65 -0.34 0.00 | 23.57 -0.36 0.00 | 24.03 -0.37 0.00 | 24.71 -0.35 0.00 | 28.42 -0.34 0.00 | 30.79 -0.34 0.00 | 33.44 -0.30 0.00 | 33.75 -0.34 0.00 | 35.89 -0.33 0.00 | 30.69 -0.37 0.00 | 26.07 -0.34 0.00 | 23.34 -0.31 0.00 |
| ROCHESRG_115KV_T4 355643 | 21.42 -0.22 0.00 | 20.27 -0.41 0.00 | 19.03 -0.23 0.00 | 18.60 -0.38 0.00 | 19.59 -0.36 0.00 | 21.51 -0.15 0.00 | 26.37 -0.37 0.00 | 28.01 -0.28 0.00 | 26.32 -0.11 0.00 | 23.08 -0.05 0.00 | 23.20 0.18 0.00 | 23.02 0.07 0.00 | 23.13 0.14 0.00 | 24.19 0.26 0.00 | 24.52 0.12 0.00 | 24.89 -0.18 0.00 | 28.45 -0.32 0.00 | 30.35 -0.78 0.00 | 32.63 -1.11 0.00 | 33.34 -0.75 0.00 | 35.39 -0.83 0.00 | 30.44 -0.62 0.00 | 26.33 -0.08 0.00 | 23.81 0.17 0.00 |
| ROCHESTER_9_IC 23652 | 21.53 -0.11 0.00 | 20.38 -0.31 0.00 | 19.12 -0.13 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.61 -0.04 0.00 | 26.51 -0.24 0.00 | 28.18 -0.11 0.00 | 26.48 0.05 0.00 | 23.22 0.09 0.00 | 23.36 0.35 0.00 | 23.16 0.21 0.00 | 23.30 0.30 0.00 | 24.36 0.43 0.00 | 24.67 0.27 0.00 | 25.06 0.00 0.00 | 28.65 -0.12 0.00 | 30.54 -0.59 0.00 | 32.83 -0.91 0.00 | 33.55 -0.55 0.00 | 35.60 -0.62 0.00 | 30.62 -0.43 0.00 | 26.49 0.08 0.00 | 23.96 0.31 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCKVIEW_13_KV_LD 356306 | 23.17 1.54 0.00 | 21.87 1.18 0.00 | 20.32 1.06 0.00 | 20.05 1.06 0.00 | 21.03 1.08 0.00 | 23.00 1.34 0.00 | 28.89 2.14 0.00 | 30.64 2.35 0.00 | 28.70 2.27 0.00 | 25.14 2.01 0.00 | 25.07 2.05 0.00 | 25.04 2.09 0.00 | 25.04 2.05 0.00 | 26.06 2.13 0.00 | 26.54 2.15 0.00 | 27.49 2.43 0.00 | 31.44 2.67 0.00 | 34.24 3.11 0.00 | 36.98 3.24 0.00 | 37.33 3.24 0.00 | 39.59 3.37 0.00 | 34.04 2.98 0.00 | 28.66 2.24 0.00 | 25.33 1.68 0.00 |
| ROME____115KV_TB2 80656 | 22.39 0.76 0.00 | 21.27 0.58 0.00 | 19.80 0.54 0.00 | 19.49 0.51 0.00 | 20.53 0.58 0.00 | 22.44 0.78 0.00 | 27.87 1.12 0.00 | 29.51 1.22 0.00 | 27.69 1.27 0.00 | 24.21 1.09 0.00 | 23.99 0.97 0.00 | 23.90 0.94 0.00 | 24.03 1.03 0.00 | 24.91 0.98 0.00 | 25.45 1.05 0.00 | 26.09 1.03 0.00 | 29.88 1.12 0.00 | 32.50 1.37 0.00 | 35.29 1.55 0.00 | 35.70 1.60 0.00 | 37.96 1.74 0.00 | 32.49 1.43 0.00 | 27.63 1.21 0.00 | 24.71 1.06 0.00 |
| ROSETON___1 23587 | 22.78 1.15 0.00 | 21.62 0.93 0.00 | 20.10 0.85 0.00 | 19.84 0.85 0.00 | 20.81 0.86 0.00 | 22.74 1.08 0.00 | 28.46 1.71 0.00 | 30.16 1.87 0.00 | 28.20 1.77 0.00 | 24.65 1.53 0.00 | 24.56 1.54 0.00 | 24.52 1.56 0.00 | 24.54 1.54 0.00 | 25.51 1.58 0.00 | 26.01 1.61 0.00 | 26.87 1.81 0.00 | 30.72 1.96 0.00 | 33.50 2.36 0.00 | 36.14 2.40 0.00 | 36.55 2.46 0.00 | 38.75 2.53 0.00 | 33.32 2.27 0.00 | 28.08 1.66 0.00 | 24.90 1.25 0.00 |
| ROSETON___2 23588 | 22.78 1.15 0.00 | 21.62 0.93 0.00 | 20.10 0.85 0.00 | 19.84 0.85 0.00 | 20.81 0.86 0.00 | 22.74 1.08 0.00 | 28.46 1.71 0.00 | 30.16 1.87 0.00 | 28.20 1.77 0.00 | 24.65 1.53 0.00 | 24.56 1.54 0.00 | 24.52 1.56 0.00 | 24.54 1.54 0.00 | 25.51 1.58 0.00 | 26.01 1.61 0.00 | 26.87 1.81 0.00 | 30.72 1.96 0.00 | 33.50 2.36 0.00 | 36.14 2.40 0.00 | 36.55 2.46 0.00 | 38.75 2.53 0.00 | 33.32 2.27 0.00 | 28.08 1.66 0.00 | 24.90 1.25 0.00 |
| ROTTDAM_115KV_TB3 80664 | 22.37 0.74 0.00 | 21.31 0.62 0.00 | 19.80 0.54 0.00 | 19.53 0.55 0.00 | 20.51 0.56 0.00 | 22.35 0.69 0.00 | 27.79 1.04 0.00 | 29.34 1.05 0.00 | 27.38 0.95 0.00 | 23.89 0.76 0.00 | 23.73 0.71 0.00 | 23.69 0.73 0.00 | 23.71 0.71 0.00 | 24.62 0.69 0.00 | 25.15 0.76 0.00 | 25.91 0.85 0.00 | 29.77 1.01 0.00 | 32.31 1.18 0.00 | 35.06 1.32 0.00 | 35.42 1.33 0.00 | 37.60 1.38 0.00 | 32.30 1.24 0.00 | 27.33 0.92 0.00 | 24.38 0.73 0.00 |
| RUSSELL___1 23602 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| RUSSELL___2 23532 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| RUSSELL___3 23549 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| RUSSELL___4 23556 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| RUSSELL___STATION 23914 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| S SALMON___HYD 24043 | 21.46 -0.17 0.00 | 20.42 -0.27 0.00 | 19.03 -0.23 0.00 | 18.72 -0.27 0.00 | 19.71 -0.24 0.00 | 21.53 -0.13 0.00 | 26.56 -0.19 0.00 | 28.12 -0.17 0.00 | 26.21 -0.21 0.00 | 22.96 -0.16 0.00 | 22.83 -0.18 0.00 | 22.73 -0.23 0.00 | 22.79 -0.21 0.00 | 23.71 -0.22 0.00 | 24.18 -0.22 0.00 | 24.79 -0.28 0.00 | 28.42 -0.34 0.00 | 30.79 -0.34 0.00 | 33.44 -0.30 0.00 | 33.86 -0.24 0.00 | 36.04 -0.18 0.00 | 30.87 -0.19 0.00 | 26.33 -0.08 0.00 | 23.62 -0.02 0.00 |
| S.PERRY__115KV_TB1 80734 | 22.05 0.41 0.00 | 20.79 0.10 0.00 | 19.53 0.27 0.00 | 19.10 0.11 0.00 | 20.13 0.18 0.00 | 22.24 0.58 0.00 | 27.36 0.62 0.00 | 30.13 1.84 0.00 | 27.85 1.43 0.00 | 24.33 1.20 0.00 | 24.47 1.45 0.00 | 24.22 1.26 0.00 | 24.33 1.33 0.00 | 25.44 1.51 0.00 | 25.79 1.39 0.00 | 25.61 0.55 0.00 | 29.37 0.60 0.00 | 31.41 0.28 0.00 | 33.94 0.20 0.00 | 34.98 0.89 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 27.76 1.35 0.00 | 25.02 1.37 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.10 -0.15 0.00 | 18.60 -0.38 0.00 | 19.61 -0.34 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.90 -0.40 0.00 | 26.35 -0.08 0.00 | 23.22 0.09 0.00 | 23.50 0.48 0.00 | 23.28 0.32 0.00 | 23.39 0.39 0.00 | 24.50 0.57 0.00 | 24.69 0.29 0.00 | 24.99 -0.08 0.00 | 28.45 -0.32 0.00 | 30.17 -0.97 0.00 | 32.22 -1.52 0.00 | 33.21 -0.89 0.00 | 35.28 -0.94 0.00 | 30.34 -0.71 0.00 | 26.57 0.16 0.00 | 24.14 0.50 0.00 |
| SAWYER___23_KV_LOAD 55526 | 21.44 -0.19 0.00 | 20.23 -0.46 0.00 | 19.10 -0.15 0.00 | 18.60 -0.38 0.00 | 19.61 -0.34 0.00 | 21.64 -0.02 0.00 | 26.37 -0.37 0.00 | 27.90 -0.40 0.00 | 26.35 -0.08 0.00 | 23.22 0.09 0.00 | 23.50 0.48 0.00 | 23.28 0.32 0.00 | 23.39 0.39 0.00 | 24.50 0.57 0.00 | 24.69 0.29 0.00 | 24.99 -0.08 0.00 | 28.45 -0.32 0.00 | 30.17 -0.97 0.00 | 32.22 -1.52 0.00 | 33.21 -0.89 0.00 | 35.28 -0.94 0.00 | 30.34 -0.71 0.00 | 26.57 0.16 0.00 | 24.14 0.50 0.00 |
| SELKIRK___I 23801 | 22.18 0.54 0.00 | 21.29 0.60 0.00 | 19.78 0.52 0.00 | 19.57 0.59 0.00 | 20.53 0.58 0.00 | 22.22 0.56 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.03 0.61 0.00 | 23.61 0.49 0.00 | 23.43 0.41 0.00 | 23.39 0.44 0.00 | 23.41 0.41 0.00 | 24.29 0.36 0.00 | 24.81 0.41 0.00 | 25.56 0.50 0.00 | 29.39 0.63 0.00 | 31.97 0.84 0.00 | 34.65 0.91 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.99 0.93 0.00 | 27.04 0.63 0.00 | 24.17 0.52 0.00 |

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| SELKIRK___II 23799 | 22.11 0.48 0.00 | 21.21 0.52 0.00 | 19.72 0.46 0.00 | 19.50 0.51 0.00 | 20.43 0.48 0.00 | 22.16 0.50 0.00 | 27.55 0.80 0.00 | 29.03 0.73 0.00 | 27.09 0.66 0.00 | 23.68 0.55 0.00 | 23.55 0.53 0.00 | 23.48 0.53 0.00 | 23.50 0.51 0.00 | 24.41 0.48 0.00 | 24.91 0.51 0.00 | 25.61 0.55 0.00 | 29.43 0.66 0.00 | 32.00 0.87 0.00 | 34.65 0.91 0.00 | 35.05 0.95 0.00 | 37.20 0.98 0.00 | 31.96 0.90 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| SENECA OSWGO___HYD 24041 | 21.40 -0.24 0.00 | 20.40 -0.29 0.00 | 19.01 -0.25 0.00 | 18.70 -0.28 0.00 | 19.67 -0.28 0.00 | 21.44 -0.22 0.00 | 26.45 -0.29 0.00 | 28.01 -0.28 0.00 | 26.16 -0.26 0.00 | 22.92 -0.21 0.00 | 22.81 -0.21 0.00 | 22.75 -0.21 0.00 | 22.81 -0.18 0.00 | 23.76 -0.17 0.00 | 24.20 -0.20 0.00 | 24.81 -0.25 0.00 | 28.48 -0.29 0.00 | 30.76 -0.37 0.00 | 33.34 -0.40 0.00 | 33.65 -0.44 0.00 | 35.71 -0.51 0.00 | 30.69 -0.37 0.00 | 26.23 -0.18 0.00 | 23.53 -0.12 0.00 |
| SENECA___115KV_TB3 355854 | 21.77 0.13 0.00 | 20.54 -0.14 0.00 | 19.39 0.13 0.00 | 18.91 -0.08 0.00 | 19.93 -0.02 0.00 | 22.00 0.35 0.00 | 26.88 0.13 0.00 | 28.49 0.20 0.00 | 26.90 0.48 0.00 | 23.70 0.58 0.00 | 23.99 0.97 0.00 | 23.76 0.80 0.00 | 23.87 0.87 0.00 | 25.03 1.10 0.00 | 25.23 0.83 0.00 | 25.54 0.48 0.00 | 29.08 0.32 0.00 | 30.86 -0.28 -0.01 | 32.97 -0.78 -0.01 | 34.00 -0.10 -0.01 | 36.12 -0.11 -0.01 | 31.03 -0.03 0.00 | 27.18 0.77 0.00 | 24.64 0.99 0.00 |
| SENECA___ENERGY 23797 | 21.53 -0.11 0.00 | 20.48 -0.21 0.00 | 19.12 -0.13 0.00 | 18.77 -0.21 0.00 | 19.77 -0.18 0.00 | 21.68 0.02 0.00 | 26.78 0.03 0.00 | 28.44 0.14 0.00 | 26.59 0.16 0.00 | 23.31 0.18 0.00 | 23.30 0.28 0.00 | 23.16 0.21 0.00 | 23.25 0.25 0.00 | 24.26 0.33 0.00 | 24.67 0.27 0.00 | 25.16 0.10 0.00 | 28.94 0.17 0.00 | 31.07 -0.06 0.00 | 33.71 -0.03 0.00 | 34.09 0.00 0.00 | 36.15 -0.07 0.00 | 31.12 0.06 0.00 | 26.73 0.32 0.00 | 23.98 0.33 0.00 |
| SHOEMAKER___GT 23640 | 22.74 1.10 0.00 | 21.56 0.87 0.00 | 20.05 0.79 0.00 | 19.78 0.80 0.00 | 20.73 0.78 0.00 | 22.68 1.02 0.00 | 28.35 1.60 0.00 | 29.99 1.70 0.00 | 28.06 1.64 0.00 | 24.54 1.41 0.00 | 24.45 1.43 0.00 | 24.38 1.42 0.00 | 24.42 1.43 0.00 | 25.39 1.46 0.00 | 25.89 1.49 0.00 | 26.71 1.65 0.00 | 30.58 1.81 0.00 | 33.31 2.18 0.00 | 35.93 2.19 0.00 | 36.31 2.21 0.00 | 38.54 2.32 0.00 | 33.14 2.08 0.00 | 27.99 1.58 0.00 | 24.83 1.18 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 22.83 1.19 0.00 | 21.58 0.89 0.00 | 20.03 0.77 0.00 | 19.76 0.78 0.00 | 20.73 0.78 0.00 | 22.68 1.02 0.00 | 28.35 1.60 0.00 | 30.02 1.73 0.00 | 28.09 1.66 0.00 | 24.56 1.43 0.00 | 24.45 1.43 0.00 | 24.40 1.45 0.00 | 24.45 1.45 0.00 | 25.41 1.48 0.00 | 25.91 1.51 0.00 | 26.74 1.68 0.00 | 30.60 1.84 0.00 | 33.34 2.21 0.00 | 36.03 2.29 0.00 | 36.34 2.25 0.00 | 38.57 2.35 0.00 | 33.17 2.11 0.00 | 28.02 1.61 0.00 | 24.83 1.18 0.00 |
| SHOREHAM_IC_1 23715 | 26.76 1.88 -3.24 | 26.64 1.59 -4.36 | 26.57 1.44 -5.87 | 22.28 1.46 -1.83 | 26.61 1.48 -5.18 | 27.15 1.84 -3.65 | 36.83 3.00 -7.09 | 32.75 3.17 -1.29 | 28.62 2.19 0.00 | 26.77 2.10 -1.54 | 30.61 2.14 -5.45 | 30.90 2.16 -5.79 | 30.11 2.14 -4.98 | 30.51 2.25 -4.33 | 30.74 2.32 -4.02 | 31.79 2.61 -4.12 | 36.22 3.19 -4.26 | 44.44 3.73 -9.57 | 46.53 3.88 -8.91 | 45.55 3.92 -7.54 | 46.91 4.13 -6.56 | 40.23 3.60 -5.57 | 31.46 2.75 -2.31 | 30.88 2.17 -5.06 |
| SHOREHAM_IC_2 23716 | 26.76 1.88 -3.24 | 26.64 1.59 -4.36 | 26.57 1.44 -5.87 | 22.28 1.46 -1.83 | 26.61 1.48 -5.18 | 27.15 1.84 -3.65 | 36.83 3.00 -7.09 | 32.75 3.17 -1.29 | 28.62 2.19 0.00 | 26.77 2.10 -1.54 | 30.61 2.14 -5.45 | 30.90 2.16 -5.79 | 30.11 2.14 -4.98 | 30.51 2.25 -4.33 | 30.74 2.32 -4.02 | 31.79 2.61 -4.12 | 36.22 3.19 -4.26 | 44.44 3.73 -9.57 | 46.53 3.88 -8.91 | 45.55 3.92 -7.54 | 46.91 4.13 -6.56 | 40.23 3.60 -5.57 | 31.46 2.75 -2.31 | 30.88 2.17 -5.06 |
| SISSONVILLE____ 23735 | 21.05 -0.58 0.00 | 20.36 -0.33 0.00 | 18.95 -0.31 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.22 -0.43 0.00 | 26.16 -0.59 0.00 | 27.76 -0.54 0.00 | 25.82 -0.61 0.00 | 22.57 -0.56 0.00 | 22.44 -0.58 0.00 | 22.34 -0.62 0.00 | 22.21 -0.78 0.00 | 23.19 -0.74 0.00 | 23.69 -0.71 0.00 | 24.23 -0.83 0.00 | 27.76 -1.01 0.00 | 29.95 -1.18 0.00 | 32.69 -1.05 0.00 | 33.04 -1.06 0.00 | 35.31 -0.91 0.00 | 29.94 -1.12 0.00 | 25.62 -0.79 0.00 | 23.17 -0.47 0.00 |
| SITHE_IND_GS1 24169 | 21.18 -0.46 0.00 | 20.21 -0.48 0.00 | 18.83 -0.42 0.00 | 18.53 -0.46 0.00 | 19.49 -0.46 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.82 -0.61 0.00 | 22.62 -0.51 0.00 | 22.51 -0.51 0.00 | 22.45 -0.51 0.00 | 22.51 -0.48 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.80 -0.94 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.22 -0.42 0.00 |
| SITHE_IND_GS2 24170 | 21.18 -0.46 0.00 | 20.21 -0.48 0.00 | 18.83 -0.42 0.00 | 18.53 -0.46 0.00 | 19.49 -0.46 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.82 -0.61 0.00 | 22.62 -0.51 0.00 | 22.51 -0.51 0.00 | 22.45 -0.51 0.00 | 22.51 -0.48 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.80 -0.94 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.22 -0.42 0.00 |
| SITHE_IND_GS3 24171 | 21.18 -0.46 0.00 | 20.21 -0.48 0.00 | 18.83 -0.42 0.00 | 18.53 -0.46 0.00 | 19.49 -0.46 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.82 -0.61 0.00 | 22.62 -0.51 0.00 | 22.51 -0.51 0.00 | 22.45 -0.51 0.00 | 22.51 -0.48 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.80 -0.94 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.22 -0.42 0.00 |
| SITHE_IND_GS4 24172 | 21.18 -0.46 0.00 | 20.21 -0.48 0.00 | 18.83 -0.42 0.00 | 18.53 -0.46 0.00 | 19.49 -0.46 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.82 -0.61 0.00 | 22.62 -0.51 0.00 | 22.51 -0.51 0.00 | 22.45 -0.51 0.00 | 22.51 -0.48 0.00 | 23.42 -0.50 0.00 | 23.86 -0.54 0.00 | 24.44 -0.63 0.00 | 28.05 -0.72 0.00 | 30.29 -0.84 0.00 | 32.80 -0.94 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.22 -0.42 0.00 |
| SITHE___BATAVIA 24024 | 21.79 0.15 0.00 | 20.67 -0.02 0.00 | 19.41 0.15 0.00 | 18.93 -0.06 0.00 | 19.93 -0.02 0.00 | 22.00 0.35 0.00 | 26.94 0.19 0.00 | 28.66 0.37 0.00 | 27.09 0.66 0.00 | 23.75 0.62 0.00 | 24.01 0.99 0.00 | 23.69 0.73 0.00 | 23.82 0.83 0.00 | 25.03 1.10 0.00 | 25.23 0.83 0.00 | 25.51 0.45 0.00 | 29.37 0.60 0.00 | 30.83 -0.31 -0.01 | 33.48 -0.27 -0.01 | 34.00 -0.10 -0.01 | 36.08 -0.14 -0.01 | 31.12 0.06 0.00 | 27.18 0.77 0.00 | 24.57 0.92 0.00 |
| SITHE___INDEPEND 23800 | 21.20 -0.43 0.00 | 20.19 -0.50 0.00 | 18.81 -0.44 0.00 | 18.53 -0.46 0.00 | 19.49 -0.46 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.61 -0.68 0.00 | 25.82 -0.61 0.00 | 22.62 -0.51 0.00 | 22.51 -0.51 0.00 | 22.45 -0.51 0.00 | 22.51 -0.48 0.00 | 23.43 -0.50 0.00 | 23.86 -0.54 0.00 | 24.43 -0.63 0.00 | 28.04 -0.72 0.00 | 30.29 -0.84 0.00 | 32.76 -0.98 0.00 | 33.14 -0.95 0.00 | 35.21 -1.01 0.00 | 30.22 -0.84 0.00 | 25.80 -0.61 0.00 | 23.22 -0.43 0.00 |

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| SITHE___MASSENA 23902 | 21.35 -0.28 0.00 | 20.58 -0.10 0.00 | 19.14 -0.11 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.42 -0.24 0.00 | 26.35 -0.40 0.00 | 27.95 -0.34 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.61 -0.34 0.00 | 22.61 -0.39 0.00 | 23.59 -0.34 0.00 | 24.08 -0.32 0.00 | 24.73 -0.33 0.00 | 28.39 -0.37 0.00 | 30.57 -0.56 0.00 | 33.27 -0.47 0.00 | 33.62 -0.48 0.00 | 35.89 -0.33 0.00 | 30.50 -0.56 0.00 | 26.04 -0.37 0.00 | 23.39 -0.26 0.00 |
| SITHE___OGDNSBRG 24021 | 21.33 -0.30 0.00 | 20.67 -0.02 0.00 | 19.22 -0.04 0.00 | 18.94 -0.04 0.00 | 19.95 0.00 0.00 | 21.55 -0.11 0.00 | 26.56 -0.19 0.00 | 28.12 -0.17 0.00 | 26.13 -0.29 0.00 | 22.82 -0.30 0.00 | 22.67 -0.35 0.00 | 22.57 -0.39 0.00 | 22.54 -0.46 0.00 | 23.50 -0.43 0.00 | 24.03 -0.37 0.00 | 24.66 -0.40 0.00 | 28.27 -0.49 0.00 | 30.54 -0.59 0.00 | 33.37 -0.37 0.00 | 33.75 -0.34 0.00 | 36.08 -0.14 0.00 | 30.59 -0.47 0.00 | 26.12 -0.29 0.00 | 23.51 -0.14 0.00 |
| SITHE___STERLING 23777 | 22.22 0.58 0.00 | 21.16 0.48 0.00 | 19.70 0.44 0.00 | 19.40 0.42 0.00 | 20.43 0.48 0.00 | 22.31 0.65 0.00 | 27.68 0.94 0.00 | 29.28 0.99 0.00 | 27.43 1.00 0.00 | 23.98 0.86 0.00 | 23.80 0.78 0.00 | 23.74 0.78 0.00 | 23.82 0.83 0.00 | 24.74 0.81 0.00 | 25.25 0.85 0.00 | 25.89 0.83 0.00 | 29.71 0.95 0.00 | 32.25 1.12 0.00 | 35.02 1.28 0.00 | 35.39 1.30 0.00 | 37.60 1.38 0.00 | 32.21 1.15 0.00 | 27.41 1.00 0.00 | 24.52 0.88 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 21.38 -0.26 0.00 | 20.25 -0.43 0.00 | 18.95 -0.31 0.00 | 18.58 -0.40 0.00 | 19.55 -0.40 0.00 | 21.44 -0.22 0.00 | 26.43 -0.32 0.00 | 28.15 -0.14 0.00 | 26.37 -0.05 0.00 | 23.13 0.00 0.00 | 23.16 0.14 0.00 | 23.00 0.05 0.00 | 23.11 0.11 0.00 | 24.12 0.19 0.00 | 24.52 0.12 0.00 | 24.99 -0.08 0.00 | 28.62 -0.14 0.00 | 30.66 -0.47 0.00 | 33.00 -0.74 0.00 | 33.55 -0.55 0.00 | 35.60 -0.62 0.00 | 30.59 -0.47 0.00 | 26.36 -0.05 0.00 | 23.72 0.07 0.00 |
| SOUTH CAIRO___GT 23612 | 22.72 1.08 0.00 | 21.66 0.97 0.00 | 20.08 0.83 0.00 | 19.87 0.89 0.00 | 20.77 0.82 0.00 | 22.48 0.82 0.00 | 27.93 1.18 0.00 | 29.25 0.96 0.00 | 27.24 0.82 0.00 | 23.63 0.51 0.00 | 23.36 0.35 0.00 | 23.23 0.28 0.00 | 23.27 0.28 0.00 | 24.12 0.19 0.00 | 24.72 0.32 0.00 | 25.36 0.30 0.00 | 29.31 0.55 0.00 | 32.00 0.87 0.00 | 34.85 1.11 0.00 | 35.29 1.19 0.00 | 37.45 1.23 0.00 | 32.27 1.21 0.00 | 27.20 0.79 0.00 | 24.29 0.64 0.00 |
| SOUTH HAMPTN___IC 23720 | 26.91 2.03 -3.24 | 26.76 1.72 -4.36 | 26.71 1.58 -5.88 | 22.41 1.59 -1.83 | 26.76 1.62 -5.19 | 27.33 2.01 -3.65 | 36.66 3.15 -6.76 | 32.88 3.37 -1.23 | 28.91 2.48 0.00 | 27.00 2.33 -1.54 | 30.85 2.37 -5.46 | 31.25 2.50 -5.79 | 30.51 2.53 -4.98 | 30.92 2.66 -4.33 | 31.15 2.73 -4.02 | 32.24 3.06 -4.12 | 36.70 3.68 -4.25 | 44.88 4.23 -9.52 | 47.03 4.38 -8.90 | 46.06 4.43 -7.53 | 47.45 4.67 -6.56 | 40.72 4.10 -5.56 | 31.86 3.14 -2.31 | 31.24 2.53 -5.06 |
| SOUTHDOW__115KV_TB1 355954 | 22.26 0.63 0.00 | 21.00 0.31 0.00 | 19.83 0.58 0.00 | 19.34 0.36 0.00 | 20.41 0.46 0.00 | 22.59 0.93 0.00 | 27.79 1.04 0.00 | 29.59 1.30 0.00 | 28.06 1.64 0.00 | 24.77 1.64 0.00 | 25.11 2.09 0.00 | 24.86 1.91 0.00 | 25.00 2.00 0.00 | 26.23 2.30 0.00 | 26.42 2.03 0.00 | 26.77 1.70 0.00 | 30.49 1.73 0.00 | 32.38 1.25 0.00 | 34.55 0.81 0.00 | 35.66 1.57 0.00 | 37.89 1.67 0.00 | 32.49 1.43 0.00 | 28.50 2.09 0.00 | 25.68 2.03 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 27.09 2.21 -3.24 | 26.85 1.80 -4.36 | 26.77 1.64 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.39 2.08 -3.65 | 36.76 3.26 -6.75 | 32.99 3.48 -1.22 | 29.07 2.64 0.00 | 27.12 2.45 -1.54 | 30.96 2.49 -5.46 | 31.62 2.87 -5.79 | 30.88 2.90 -4.98 | 31.32 3.06 -4.33 | 31.56 3.15 -4.02 | 32.67 3.48 -4.12 | 37.21 4.20 -4.25 | 45.48 4.83 -9.52 | 47.74 5.09 -8.91 | 46.77 5.15 -7.53 | 48.17 5.40 -6.56 | 41.31 4.69 -5.56 | 32.31 3.59 -2.31 | 31.50 2.79 -5.06 |
| SOUTHOLD___IC 23719 | 26.98 2.10 -3.24 | 26.85 1.80 -4.36 | 26.77 1.64 -5.88 | 22.45 1.63 -1.83 | 26.82 1.68 -5.19 | 27.39 2.08 -3.65 | 36.77 3.26 -6.76 | 33.00 3.48 -1.23 | 29.04 2.62 0.00 | 27.12 2.45 -1.54 | 30.96 2.49 -5.46 | 31.55 2.80 -5.79 | 30.88 2.90 -4.98 | 31.32 3.06 -4.33 | 31.57 3.15 -4.02 | 32.67 3.48 -4.12 | 37.18 4.17 -4.25 | 45.41 4.76 -9.52 | 47.64 4.99 -8.91 | 46.71 5.08 -7.53 | 48.14 5.36 -6.56 | 41.28 4.66 -5.56 | 32.28 3.56 -2.31 | 31.62 2.91 -5.06 |
| SOUTH_FORK_WT_PWR 323839 | 26.83 1.95 -3.24 | 26.68 1.63 -4.36 | 26.62 1.48 -5.88 | 22.31 1.50 -1.83 | 26.68 1.54 -5.19 | 27.24 1.93 -3.65 | 36.58 3.07 -6.76 | 32.80 3.28 -1.23 | 28.83 2.40 0.00 | 26.94 2.27 -1.54 | 30.78 2.30 -5.46 | 31.50 2.75 -5.79 | 30.90 2.92 -4.98 | 31.35 3.09 -4.33 | 31.57 3.15 -4.02 | 32.69 3.51 -4.12 | 37.21 4.20 -4.25 | 45.48 4.83 -9.52 | 47.67 5.03 -8.91 | 46.74 5.11 -7.53 | 48.14 5.36 -6.56 | 41.31 4.69 -5.56 | 32.31 3.59 -2.31 | 31.64 2.93 -5.06 |
| SPIERFLS_115KV_TB 1 80737 | 22.57 0.93 0.00 | 21.52 0.83 0.00 | 19.91 0.65 0.00 | 19.65 0.66 0.00 | 20.69 0.74 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.59 1.30 0.00 | 27.61 1.19 0.00 | 24.05 0.93 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.80 0.80 0.00 | 24.65 0.72 0.00 | 25.25 0.85 0.00 | 26.11 1.05 0.00 | 30.06 1.29 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.70 1.65 0.00 | 27.65 1.24 0.00 | 24.62 0.97 0.00 |
| ST LAWRENCE___ 23600 | 21.20 -0.43 0.00 | 20.40 -0.29 0.00 | 18.97 -0.29 0.00 | 18.70 -0.28 0.00 | 19.67 -0.28 0.00 | 21.22 -0.43 0.00 | 26.11 -0.64 0.00 | 27.67 -0.62 0.00 | 25.82 -0.61 0.00 | 22.59 -0.53 0.00 | 22.49 -0.53 0.00 | 22.43 -0.53 0.00 | 22.44 -0.55 0.00 | 23.40 -0.53 0.00 | 23.86 -0.54 0.00 | 24.53 -0.53 0.00 | 28.16 -0.61 0.00 | 30.42 -0.71 0.00 | 33.07 -0.67 0.00 | 33.38 -0.72 0.00 | 35.57 -0.65 0.00 | 30.31 -0.75 0.00 | 25.83 -0.58 0.00 | 23.15 -0.50 0.00 |
| STATE_CA_115KV_115_LB 55624 | 22.35 0.71 0.00 | 21.29 0.60 0.00 | 19.80 0.54 0.00 | 19.57 0.59 0.00 | 20.51 0.56 0.00 | 22.18 0.52 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.09 0.66 0.00 | 23.70 0.58 0.00 | 23.53 0.51 0.00 | 23.51 0.55 0.00 | 23.53 0.53 0.00 | 24.38 0.45 0.00 | 24.89 0.49 0.00 | 25.69 0.63 0.00 | 29.51 0.75 0.00 | 32.03 0.90 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 31.99 0.93 0.00 | 27.02 0.61 0.00 | 24.10 0.45 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 21.74 0.11 0.00 | 20.67 -0.02 0.00 | 19.28 0.02 0.00 | 18.94 -0.04 0.00 | 19.93 -0.02 0.00 | 21.79 0.13 0.00 | 26.96 0.21 0.00 | 28.60 0.31 0.00 | 26.74 0.32 0.00 | 23.45 0.32 0.00 | 23.36 0.35 0.00 | 23.28 0.32 0.00 | 23.39 0.39 0.00 | 24.36 0.43 0.00 | 24.81 0.41 0.00 | 25.36 0.30 0.00 | 29.11 0.35 0.00 | 31.41 0.28 0.00 | 33.94 0.20 0.00 | 34.37 0.27 0.00 | 36.47 0.25 0.00 | 31.31 0.25 0.00 | 26.81 0.40 0.00 | 24.03 0.38 0.00 |
| STATION 5_MISC_HYD 23604 | 21.51 -0.13 0.00 | 20.44 -0.25 0.00 | 19.12 -0.13 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.61 -0.04 0.00 | 26.51 -0.24 0.00 | 28.18 -0.11 0.00 | 26.48 0.05 0.00 | 23.22 0.09 0.00 | 23.36 0.35 0.00 | 23.16 0.21 0.00 | 23.29 0.30 0.00 | 24.36 0.43 0.00 | 24.67 0.27 0.00 | 25.06 0.00 0.00 | 28.79 0.03 0.00 | 30.54 -0.59 0.00 | 33.10 -0.64 0.00 | 33.55 -0.55 0.00 | 35.57 -0.65 0.00 | 30.65 -0.40 0.00 | 26.54 0.13 0.00 | 23.95 0.31 0.00 |

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| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 21.64 0.00 0.00 | 20.50 -0.19 0.00 | 19.18 -0.08 0.00 | 18.79 -0.19 0.00 | 19.79 -0.16 0.00 | 21.72 0.06 0.00 | 26.78 0.03 0.00 | 28.52 0.23 0.00 | 26.74 0.32 0.00 | 23.43 0.30 0.00 | 23.48 0.46 0.00 | 23.32 0.37 0.00 | 23.43 0.44 0.00 | 24.48 0.55 0.00 | 24.86 0.46 0.00 | 25.31 0.25 0.00 | 29.02 0.26 0.00 | 31.04 -0.09 0.00 | 33.44 -0.30 0.00 | 34.02 -0.07 0.00 | 36.08 -0.14 0.00 | 31.03 -0.03 0.00 | 26.75 0.34 0.00 | 24.10 0.45 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 21.40 -0.24 0.00 | 20.25 -0.43 0.00 | 19.01 -0.25 0.00 | 18.58 -0.40 0.00 | 19.55 -0.40 0.00 | 21.48 -0.17 0.00 | 26.37 -0.37 0.00 | 28.07 -0.23 0.00 | 26.35 -0.08 0.00 | 23.10 -0.02 0.00 | 23.23 0.21 0.00 | 23.05 0.09 0.00 | 23.16 0.16 0.00 | 24.22 0.29 0.00 | 24.54 0.15 0.00 | 24.96 -0.10 0.00 | 28.53 -0.23 0.00 | 30.45 -0.68 0.00 | 32.73 -1.01 0.00 | 33.41 -0.68 0.00 | 35.46 -0.76 0.00 | 30.47 -0.59 0.00 | 26.33 -0.08 0.00 | 23.79 0.14 0.00 |
| STA_56____34_KV_BUS2 355983 | 21.40 -0.24 0.00 | 20.25 -0.43 0.00 | 19.01 -0.25 0.00 | 18.58 -0.40 0.00 | 19.55 -0.40 0.00 | 21.48 -0.17 0.00 | 26.37 -0.37 0.00 | 28.07 -0.23 0.00 | 26.35 -0.08 0.00 | 23.10 -0.02 0.00 | 23.23 0.21 0.00 | 23.05 0.09 0.00 | 23.16 0.16 0.00 | 24.22 0.29 0.00 | 24.54 0.15 0.00 | 24.96 -0.10 0.00 | 28.53 -0.23 0.00 | 30.45 -0.68 0.00 | 32.73 -1.01 0.00 | 33.41 -0.68 0.00 | 35.46 -0.76 0.00 | 30.47 -0.59 0.00 | 26.33 -0.08 0.00 | 23.79 0.14 0.00 |
| STA_67____115KV_BK2 355882 | 21.48 -0.15 0.00 | 20.34 -0.35 0.00 | 19.08 -0.17 0.00 | 18.66 -0.32 0.00 | 19.65 -0.30 0.00 | 21.57 -0.09 0.00 | 26.45 -0.29 0.00 | 28.12 -0.17 0.00 | 26.43 0.00 0.00 | 23.17 0.05 0.00 | 23.30 0.28 0.00 | 23.12 0.16 0.00 | 23.23 0.23 0.00 | 24.29 0.36 0.00 | 24.62 0.22 0.00 | 25.01 -0.05 0.00 | 28.59 -0.17 0.00 | 30.48 -0.65 0.00 | 32.76 -0.98 0.00 | 33.45 -0.65 0.00 | 35.53 -0.69 0.00 | 30.56 -0.50 0.00 | 26.44 0.03 0.00 | 23.91 0.26 0.00 |
| STA_7____115KV_9TRANS 80674 | 21.61 -0.02 0.00 | 20.46 -0.23 0.00 | 19.18 -0.08 0.00 | 18.75 -0.23 0.00 | 19.75 -0.20 0.00 | 21.70 0.04 0.00 | 26.61 -0.13 0.00 | 28.32 0.03 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.48 0.46 0.00 | 23.28 0.32 0.00 | 23.41 0.41 0.00 | 24.48 0.55 0.00 | 24.81 0.41 0.00 | 25.21 0.15 0.00 | 28.82 0.06 0.00 | 30.73 -0.40 0.00 | 33.03 -0.71 0.00 | 33.72 -0.38 0.00 | 35.79 -0.43 0.00 | 30.78 -0.28 0.00 | 26.62 0.21 0.00 | 24.07 0.43 0.00 |
| STA_82____115KV_TB1 80780 | 21.48 -0.15 0.00 | 20.36 -0.33 0.00 | 19.08 -0.17 0.00 | 18.66 -0.32 0.00 | 19.65 -0.30 0.00 | 21.59 -0.06 0.00 | 26.48 -0.27 0.00 | 28.15 -0.14 0.00 | 26.43 0.00 0.00 | 23.19 0.07 0.00 | 23.32 0.30 0.00 | 23.14 0.18 0.00 | 23.25 0.25 0.00 | 24.31 0.38 0.00 | 24.62 0.22 0.00 | 25.01 -0.05 0.00 | 28.59 -0.17 0.00 | 30.48 -0.65 0.00 | 32.76 -0.98 0.00 | 33.48 -0.61 0.00 | 35.53 -0.69 0.00 | 30.56 -0.50 0.00 | 26.46 0.05 0.00 | 23.91 0.26 0.00 |
| STEEL____WIND 323596 | 21.72 0.09 0.00 | 20.61 -0.08 0.00 | 19.41 0.15 0.00 | 18.89 -0.09 0.00 | 19.93 -0.02 0.00 | 21.98 0.33 0.00 | 26.88 0.13 0.00 | 28.46 0.17 0.00 | 26.90 0.48 0.00 | 23.68 0.55 0.00 | 23.96 0.94 0.00 | 23.74 0.78 0.00 | 23.85 0.85 0.00 | 25.03 1.10 0.00 | 25.20 0.80 0.00 | 25.51 0.45 0.00 | 29.25 0.49 0.00 | 30.83 -0.31 -0.01 | 33.34 -0.40 -0.01 | 33.96 -0.14 -0.01 | 36.05 -0.18 -0.01 | 31.06 0.00 0.00 | 27.26 0.84 0.00 | 24.62 0.97 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 22.46 0.82 0.00 | 21.39 0.70 0.00 | 19.89 0.64 0.00 | 19.67 0.68 0.00 | 20.59 0.64 0.00 | 22.29 0.63 0.00 | 27.76 1.02 0.00 | 29.20 0.91 0.00 | 27.27 0.85 0.00 | 23.84 0.72 0.00 | 23.66 0.64 0.00 | 23.60 0.64 0.00 | 23.64 0.64 0.00 | 24.50 0.57 0.00 | 25.03 0.63 0.00 | 25.76 0.70 0.00 | 29.65 0.89 0.00 | 32.25 1.12 0.00 | 34.99 1.25 0.00 | 35.32 1.23 0.00 | 37.49 1.27 0.00 | 32.21 1.15 0.00 | 27.20 0.79 0.00 | 24.24 0.59 0.00 |
| STEUBEN_REC_LFGE 323667 | 21.70 0.06 0.00 | 20.40 -0.29 0.00 | 19.16 -0.10 0.00 | 18.74 -0.25 0.00 | 19.81 -0.14 0.00 | 21.98 0.32 0.00 | 27.18 0.43 0.00 | 29.06 0.76 0.00 | 27.35 0.92 0.00 | 24.12 0.99 0.00 | 24.33 1.31 0.00 | 24.10 1.15 0.00 | 24.22 1.22 0.00 | 25.32 1.39 0.00 | 25.62 1.22 0.00 | 25.89 0.83 0.00 | 29.63 0.86 0.00 | 31.54 0.40 0.00 | 34.01 0.27 0.00 | 35.02 0.92 0.00 | 37.27 1.05 0.00 | 32.05 0.99 0.00 | 27.92 1.51 0.00 | 25.14 1.49 0.00 |
| STILLWATER____SOLAR 323814 | 22.57 0.93 0.00 | 21.58 0.89 0.00 | 20.01 0.75 0.00 | 19.76 0.78 0.00 | 20.77 0.82 0.00 | 22.63 0.98 0.00 | 28.17 1.42 0.00 | 29.68 1.39 0.00 | 27.67 1.24 0.00 | 24.10 0.97 0.00 | 23.89 0.87 0.00 | 23.85 0.89 0.00 | 23.87 0.87 0.00 | 24.77 0.84 0.00 | 25.32 0.93 0.00 | 26.14 1.08 0.00 | 30.09 1.32 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.73 1.68 0.00 | 27.65 1.24 0.00 | 24.66 1.02 0.00 |
| STONY____BROOK 24151 | 27.03 2.16 -3.23 | 26.90 1.86 -4.35 | 26.81 1.69 -5.86 | 22.52 1.71 -1.83 | 26.88 1.76 -5.17 | 27.42 2.12 -3.64 | 38.68 3.13 -8.80 | 33.22 3.34 -1.59 | 29.23 2.80 0.00 | 27.32 2.66 -1.54 | 31.15 2.69 -5.44 | 31.39 2.66 -5.78 | 30.61 2.64 -4.97 | 31.00 2.75 -4.32 | 31.21 2.80 -4.01 | 32.26 3.08 -4.11 | 36.60 3.54 -4.30 | 44.94 3.99 -9.82 | 46.82 4.15 -8.93 | 45.85 4.19 -7.56 | 47.21 4.42 -6.58 | 40.62 3.94 -5.61 | 31.80 3.09 -2.30 | 31.20 2.51 -5.05 |
| STURGEON_POOL_HYD 23609 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.89 0.91 0.00 | 20.83 0.88 0.00 | 22.83 1.17 0.00 | 28.57 1.82 0.00 | 30.27 1.98 0.00 | 28.38 1.96 0.00 | 24.77 1.64 0.00 | 24.68 1.66 0.00 | 24.61 1.65 0.00 | 24.68 1.68 0.00 | 25.65 1.72 0.00 | 26.18 1.78 0.00 | 26.99 1.93 0.00 | 30.89 2.13 0.00 | 33.68 2.55 0.00 | 36.37 2.63 0.00 | 36.72 2.63 0.00 | 38.94 2.72 0.00 | 33.54 2.48 0.00 | 28.23 1.82 0.00 | 24.97 1.32 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 22.91 1.28 0.00 | 21.64 0.95 0.00 | 20.10 0.85 0.00 | 19.84 0.85 0.00 | 20.79 0.84 0.00 | 22.74 1.08 0.00 | 28.49 1.74 0.00 | 30.16 1.87 0.00 | 28.25 1.82 0.00 | 24.70 1.57 0.00 | 24.61 1.59 0.00 | 24.56 1.61 0.00 | 24.61 1.61 0.00 | 25.56 1.63 0.00 | 26.06 1.66 0.00 | 26.91 1.85 0.00 | 30.81 2.04 0.00 | 33.56 2.43 0.00 | 36.27 2.53 0.00 | 36.58 2.49 0.00 | 38.83 2.61 0.00 | 33.39 2.33 0.00 | 28.18 1.77 0.00 | 24.92 1.28 0.00 |
| SWANROAD_115KV_TB1 355699 | 21.01 -0.63 0.00 | 19.84 -0.85 0.00 | 18.72 -0.54 0.00 | 18.28 -0.70 0.00 | 19.21 -0.74 0.00 | 21.20 -0.45 0.00 | 25.79 -0.96 0.00 | 27.27 -1.02 0.00 | 25.74 -0.69 0.00 | 22.69 -0.44 0.00 | 22.95 -0.07 0.00 | 22.73 -0.23 0.00 | 22.84 -0.16 0.00 | 23.93 0.00 0.00 | 24.11 -0.29 0.00 | 24.38 -0.68 0.00 | 27.73 -1.04 0.00 | 29.39 -1.74 0.00 | 31.38 -2.36 0.00 | 32.39 -1.70 0.00 | 34.41 -1.81 0.00 | 29.60 -1.46 0.00 | 25.94 -0.48 0.00 | 23.60 -0.05 0.00 |
| SYNERGY____BIOGAS 323694 | 21.79 0.15 0.00 | 20.67 -0.02 0.00 | 19.41 0.15 0.00 | 18.93 -0.06 0.00 | 19.93 -0.02 0.00 | 22.00 0.35 0.00 | 26.94 0.19 0.00 | 28.66 0.37 0.00 | 27.09 0.66 0.00 | 23.75 0.62 0.00 | 24.01 0.99 0.00 | 23.69 0.73 0.00 | 23.82 0.83 0.00 | 25.03 1.10 0.00 | 25.23 0.83 0.00 | 25.51 0.45 0.00 | 29.37 0.60 0.00 | 30.83 -0.31 -0.01 | 33.48 -0.27 -0.01 | 34.00 -0.10 -0.01 | 36.08 -0.14 -0.01 | 31.12 0.06 0.00 | 27.18 0.77 0.00 | 24.57 0.92 0.00 |

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| SYRACUSE___ENERGY_ST1 323597 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 21.68 0.04 0.00 | 20.61 -0.08 0.00 | 19.22 -0.04 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.70 0.04 0.00 | 26.78 0.03 0.00 | 28.41 0.11 0.00 | 26.56 0.13 0.00 | 23.29 0.16 0.00 | 23.18 0.16 0.00 | 23.09 0.14 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.20 0.00 | 25.19 0.13 0.00 | 28.91 0.14 0.00 | 31.19 0.06 0.00 | 33.74 0.00 0.00 | 34.09 0.00 0.00 | 36.22 0.00 0.00 | 31.09 0.03 0.00 | 26.57 0.16 0.00 | 23.84 0.19 0.00 |
| SYRACUSE___POWER 24017 | 21.70 0.06 0.00 | 20.63 -0.06 0.00 | 19.22 -0.04 0.00 | 18.93 -0.06 0.00 | 19.91 -0.04 0.00 | 21.70 0.04 0.00 | 26.83 0.08 0.00 | 28.46 0.17 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.23 0.21 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.17 0.24 0.00 | 24.64 0.24 0.00 | 25.21 0.15 0.00 | 28.94 0.17 0.00 | 31.26 0.12 0.00 | 33.81 0.07 0.00 | 34.16 0.07 0.00 | 36.26 0.04 0.00 | 31.12 0.06 0.00 | 26.60 0.18 0.00 | 23.86 0.21 0.00 |
| TALLMAN___138KV_BK151 55660 | 23.04 1.41 0.00 | 21.74 1.06 0.00 | 20.18 0.92 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.87 1.21 0.00 | 28.67 1.93 0.00 | 30.39 2.09 0.00 | 28.46 2.03 0.00 | 24.91 1.78 0.00 | 24.81 1.80 0.00 | 24.79 1.84 0.00 | 24.81 1.82 0.00 | 25.79 1.87 0.00 | 26.28 1.88 0.00 | 27.14 2.08 0.00 | 31.06 2.30 0.00 | 33.84 2.71 0.00 | 36.57 2.83 0.00 | 36.89 2.80 0.00 | 39.12 2.90 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.09 1.44 0.00 |
| TEALLAVE_115KV_TB7 355573 | 21.61 -0.02 0.00 | 20.54 -0.14 0.00 | 19.14 -0.12 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.61 -0.04 0.00 | 26.70 -0.05 0.00 | 28.32 0.03 0.00 | 26.50 0.08 0.00 | 23.22 0.09 0.00 | 23.13 0.12 0.00 | 23.05 0.09 0.00 | 23.13 0.14 0.00 | 24.07 0.14 0.00 | 24.54 0.15 0.00 | 25.09 0.03 0.00 | 28.76 0.00 0.00 | 31.07 -0.06 0.00 | 33.57 -0.17 0.00 | 33.96 -0.14 0.00 | 36.04 -0.18 0.00 | 30.93 -0.12 0.00 | 26.44 0.03 0.00 | 23.74 0.09 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 21.55 -0.09 0.00 | 20.36 -0.33 0.00 | 19.18 -0.08 0.00 | 18.72 -0.27 0.00 | 19.69 -0.26 0.00 | 21.74 0.09 0.00 | 26.56 -0.19 0.00 | 28.21 -0.08 0.00 | 26.61 0.18 0.00 | 23.38 0.25 0.00 | 23.66 0.64 0.00 | 23.39 0.44 0.00 | 23.50 0.51 0.00 | 24.65 0.72 0.00 | 24.86 0.46 0.00 | 25.16 0.10 0.00 | 28.68 -0.09 0.00 | 30.42 -0.72 -0.01 | 32.53 -1.21 -0.01 | 33.49 -0.61 -0.01 | 35.58 -0.65 -0.01 | 30.59 -0.47 0.00 | 26.75 0.34 0.00 | 24.29 0.64 0.00 |
| TEMPLE___115KV_TB 2 55572 | 21.61 -0.02 0.00 | 20.54 -0.14 0.00 | 19.16 -0.10 0.00 | 18.85 -0.13 0.00 | 19.83 -0.12 0.00 | 21.64 -0.02 0.00 | 26.72 -0.03 0.00 | 28.35 0.06 0.00 | 26.50 0.08 0.00 | 23.24 0.12 0.00 | 23.16 0.14 0.00 | 23.07 0.11 0.00 | 23.16 0.16 0.00 | 24.10 0.17 0.00 | 24.57 0.17 0.00 | 25.11 0.05 0.00 | 28.79 0.03 0.00 | 31.10 -0.03 0.00 | 33.61 -0.13 0.00 | 33.99 -0.10 0.00 | 36.08 -0.14 0.00 | 30.96 -0.09 0.00 | 26.46 0.05 0.00 | 23.77 0.12 0.00 |
| TIANA___69_KV_BK 1 55817 | 27.02 2.14 -3.24 | 26.79 1.74 -4.36 | 26.71 1.58 -5.88 | 22.41 1.59 -1.83 | 26.76 1.62 -5.19 | 27.30 1.99 -3.65 | 36.66 3.16 -6.75 | 32.85 3.34 -1.22 | 28.91 2.48 0.00 | 27.00 2.34 -1.54 | 30.85 2.37 -5.46 | 31.28 2.53 -5.79 | 30.44 2.46 -4.98 | 30.84 2.58 -4.33 | 31.07 2.66 -4.02 | 32.14 2.96 -4.12 | 36.61 3.60 -4.25 | 44.82 4.17 -9.52 | 47.03 4.39 -8.91 | 46.02 4.40 -7.53 | 47.38 4.60 -6.56 | 40.66 4.04 -5.56 | 31.78 3.06 -2.31 | 31.08 2.36 -5.06 |
| TILDEN___115KV_TB1 80814 | 21.70 0.06 0.00 | 20.63 -0.06 0.00 | 19.22 -0.04 0.00 | 18.93 -0.06 0.00 | 19.91 -0.04 0.00 | 21.70 0.04 0.00 | 26.83 0.08 0.00 | 28.46 0.17 0.00 | 26.61 0.18 0.00 | 23.33 0.21 0.00 | 23.23 0.21 0.00 | 23.14 0.18 0.00 | 23.23 0.23 0.00 | 24.17 0.24 0.00 | 24.64 0.24 0.00 | 25.21 0.15 0.00 | 28.94 0.17 0.00 | 31.26 0.12 0.00 | 33.81 0.07 0.00 | 34.16 0.07 0.00 | 36.26 0.04 0.00 | 31.12 0.06 0.00 | 26.60 0.18 0.00 | 23.86 0.21 0.00 |
| TRIGEN___CC 323695 | 25.37 1.97 -1.76 | 24.63 1.57 -2.37 | 23.87 1.42 -3.19 | 21.42 1.44 -1.00 | 24.23 1.46 -2.82 | 25.40 1.75 -1.98 | 29.40 2.65 0.00 | 31.15 2.86 0.00 | 29.07 2.64 0.00 | 26.39 2.43 -0.84 | 28.42 2.44 -2.96 | 28.58 2.48 -3.15 | 28.14 2.44 -2.71 | 28.85 2.51 -2.41 | 29.41 2.54 -2.48 | 30.35 2.76 -2.53 | 37.81 2.99 -6.05 | 48.51 3.46 -13.93 | 50.37 3.61 -13.02 | 49.80 3.58 -12.13 | 49.57 3.77 -9.58 | 42.39 3.35 -7.97 | 30.33 2.67 -1.26 | 28.48 2.08 -2.75 |
| TRINITY___115KV___4 BK 55933 | 22.24 0.61 0.00 | 21.18 0.50 0.00 | 19.72 0.46 0.00 | 19.49 0.51 0.00 | 20.43 0.48 0.00 | 22.05 0.39 0.00 | 27.47 0.72 0.00 | 28.89 0.59 0.00 | 26.90 0.48 0.00 | 23.56 0.44 0.00 | 23.41 0.39 0.00 | 23.37 0.41 0.00 | 23.39 0.39 0.00 | 24.24 0.31 0.00 | 24.74 0.34 0.00 | 25.49 0.43 0.00 | 29.40 0.63 0.00 | 31.91 0.78 0.00 | 34.65 0.91 0.00 | 34.98 0.89 0.00 | 37.09 0.87 0.00 | 31.90 0.84 0.00 | 26.91 0.50 0.00 | 24.03 0.38 0.00 |
| UNION___PROCESSING_DRP 323587 | 21.51 -0.13 0.00 | 20.36 -0.33 0.00 | 19.10 -0.15 0.00 | 18.66 -0.32 0.00 | 19.65 -0.30 0.00 | 21.59 -0.06 0.00 | 26.48 -0.27 0.00 | 28.15 -0.14 0.00 | 26.45 0.03 0.00 | 23.19 0.07 0.00 | 23.32 0.30 0.00 | 23.14 0.18 0.00 | 23.25 0.25 0.00 | 24.31 0.38 0.00 | 24.62 0.22 0.00 | 25.01 -0.05 0.00 | 28.62 -0.14 0.00 | 30.51 -0.62 0.00 | 32.80 -0.94 0.00 | 33.48 -0.61 0.00 | 35.57 -0.65 0.00 | 30.59 -0.47 0.00 | 26.46 0.05 0.00 | 23.93 0.28 0.00 |
| UPPER HUDSON___HYD 24058 | 22.48 0.84 0.00 | 21.52 0.83 0.00 | 19.91 0.66 0.00 | 19.65 0.66 0.00 | 20.69 0.74 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.60 1.30 0.00 | 27.62 1.19 0.00 | 24.05 0.93 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.80 0.80 0.00 | 24.65 0.72 0.00 | 25.25 0.85 0.00 | 26.11 1.05 0.00 | 30.06 1.30 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.70 1.64 0.00 | 27.63 1.22 0.00 | 24.62 0.97 0.00 |
| UPPER RAQUET___HYD 24056 | 21.16 -0.48 0.00 | 20.36 -0.33 0.00 | 18.95 -0.31 0.00 | 18.68 -0.30 0.00 | 19.67 -0.28 0.00 | 21.20 -0.46 0.00 | 26.16 -0.59 0.00 | 27.75 -0.54 0.00 | 25.82 -0.61 0.00 | 22.57 -0.56 0.00 | 22.44 -0.57 0.00 | 22.34 -0.62 0.00 | 22.21 -0.78 0.00 | 23.19 -0.74 0.00 | 23.69 -0.71 0.00 | 24.23 -0.83 0.00 | 27.76 -1.01 0.00 | 29.95 -1.18 0.00 | 32.66 -1.08 0.00 | 33.04 -1.06 0.00 | 35.32 -0.90 0.00 | 29.91 -1.15 0.00 | 25.62 -0.79 0.00 | 23.17 -0.47 0.00 |
| VALLEY44_115KV_TB2 355964 | 22.29 0.65 0.00 | 21.04 0.35 0.00 | 19.80 0.54 0.00 | 19.31 0.32 0.00 | 20.37 0.42 0.00 | 22.55 0.89 0.00 | 27.63 0.88 0.00 | 29.14 0.85 0.00 | 27.56 1.14 0.00 | 24.26 1.13 0.00 | 24.52 1.50 0.00 | 24.29 1.33 0.00 | 24.42 1.43 0.00 | 25.56 1.63 0.00 | 25.69 1.29 0.00 | 26.11 1.05 0.00 | 29.71 0.95 0.00 | 31.60 0.47 0.00 | 33.88 0.13 0.00 | 34.81 0.72 0.00 | 37.02 0.80 0.00 | 31.80 0.75 0.00 | 27.89 1.48 0.00 | 25.23 1.58 0.00 |

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| VALLEY___115KV_TB 1-4 80826 | 21.90 0.26 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.13 0.18 0.00 | 21.92 0.26 0.00 | 27.15 0.40 0.00 | 28.69 0.40 0.00 | 26.82 0.40 0.00 | 23.52 0.39 0.00 | 23.39 0.37 0.00 | 23.35 0.39 0.00 | 23.39 0.39 0.00 | 24.29 0.36 0.00 | 24.76 0.37 0.00 | 25.44 0.38 0.00 | 29.19 0.43 0.00 | 31.66 0.53 0.00 | 34.31 0.57 0.00 | 34.64 0.55 0.00 | 36.80 0.58 0.00 | 31.59 0.53 0.00 | 26.81 0.40 0.00 | 23.96 0.31 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 22.98 1.34 0.00 | 21.81 1.12 0.00 | 20.28 1.02 0.00 | 19.97 0.99 0.00 | 21.01 1.06 0.00 | 22.98 1.32 0.00 | 28.67 1.93 0.00 | 30.33 2.04 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.68 1.66 0.00 | 24.61 1.65 0.00 | 24.68 1.68 0.00 | 25.58 1.65 0.00 | 26.11 1.71 0.00 | 26.84 1.78 0.00 | 30.78 2.01 0.00 | 33.47 2.33 0.00 | 36.27 2.53 0.00 | 36.58 2.49 0.00 | 38.83 2.61 0.00 | 33.36 2.30 0.00 | 28.34 1.93 0.00 | 25.23 1.58 0.00 |
| VISCHER___FERRY HYD 24020 | 22.39 0.76 0.00 | 21.39 0.70 0.00 | 19.87 0.62 0.00 | 19.65 0.66 0.00 | 20.63 0.68 0.00 | 22.46 0.80 0.00 | 27.98 1.23 0.00 | 29.48 1.19 0.00 | 27.43 1.00 0.00 | 23.91 0.79 0.00 | 23.73 0.71 0.00 | 23.71 0.76 0.00 | 23.71 0.71 0.00 | 24.60 0.67 0.00 | 25.13 0.73 0.00 | 25.91 0.85 0.00 | 29.80 1.03 0.00 | 32.38 1.25 0.00 | 35.16 1.42 0.00 | 35.56 1.46 0.00 | 37.74 1.52 0.00 | 32.42 1.37 0.00 | 27.33 0.92 0.00 | 24.43 0.78 0.00 |
| V_A_10_SYNC_DSASP 323832 | 21.14 -0.50 0.00 | 20.09 -0.60 0.00 | 18.85 -0.41 0.00 | 18.37 -0.61 0.00 | 19.37 -0.58 0.00 | 21.31 -0.35 0.00 | 26.00 -0.75 0.00 | 27.53 -0.76 0.00 | 25.92 -0.50 0.00 | 22.80 -0.32 0.00 | 23.02 0.00 0.00 | 22.82 -0.14 0.00 | 22.93 -0.07 0.00 | 24.00 0.07 0.00 | 24.23 -0.17 0.00 | 24.56 -0.50 0.00 | 28.16 -0.61 0.00 | 29.73 -1.40 0.00 | 32.15 -1.59 0.00 | 32.73 -1.36 0.00 | 34.70 -1.52 0.00 | 29.94 -1.12 0.00 | 26.09 -0.32 0.00 | 23.60 -0.05 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 21.27 -0.37 0.00 | 20.48 -0.21 0.00 | 19.05 -0.21 0.00 | 18.77 -0.21 0.00 | 19.75 -0.20 0.00 | 21.31 -0.35 0.00 | 26.21 -0.53 0.00 | 27.81 -0.48 0.00 | 25.92 -0.50 0.00 | 22.69 -0.44 0.00 | 22.58 -0.44 0.00 | 22.52 -0.44 0.00 | 22.54 -0.46 0.00 | 23.50 -0.43 0.00 | 23.98 -0.41 0.00 | 24.64 -0.43 0.00 | 28.30 -0.46 0.00 | 30.51 -0.62 0.00 | 33.17 -0.57 0.00 | 33.51 -0.58 0.00 | 35.71 -0.51 0.00 | 30.44 -0.62 0.00 | 25.94 -0.47 0.00 | 23.25 -0.40 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 21.12 -0.52 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.66 0.00 0.00 | 26.72 -0.03 0.00 | 28.60 0.31 0.00 | 26.66 0.24 0.00 | 23.27 0.14 0.00 | 23.25 0.23 0.00 | 23.14 0.18 0.00 | 23.20 0.21 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.43 0.66 0.00 | 31.69 0.56 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.09 0.87 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| V_D_10_SYNC_DSASP 323841 | 21.35 -0.28 0.00 | 20.58 -0.10 0.00 | 19.14 -0.11 0.00 | 18.87 -0.11 0.00 | 19.85 -0.10 0.00 | 21.42 -0.24 0.00 | 26.37 -0.37 0.00 | 27.95 -0.34 0.00 | 26.06 -0.37 0.00 | 22.80 -0.32 0.00 | 22.70 -0.32 0.00 | 22.61 -0.34 0.00 | 22.61 -0.39 0.00 | 23.59 -0.34 0.00 | 24.11 -0.29 0.00 | 24.73 -0.33 0.00 | 28.39 -0.37 0.00 | 30.60 -0.53 0.00 | 33.30 -0.44 0.00 | 33.62 -0.48 0.00 | 35.89 -0.33 0.00 | 30.50 -0.56 0.00 | 26.04 -0.37 0.00 | 23.39 -0.26 0.00 |
| V_E_10_SYNC_DSASP 323830 | 23.06 1.43 0.00 | 21.89 1.20 0.00 | 20.33 1.08 0.00 | 20.01 1.02 0.00 | 21.15 1.20 0.00 | 23.20 1.54 0.00 | 29.02 2.27 0.00 | 31.83 3.54 0.00 | 29.91 3.49 0.00 | 26.15 3.03 0.00 | 25.78 2.76 0.00 | 25.80 2.85 0.00 | 26.06 3.06 0.00 | 26.94 3.01 0.00 | 27.62 3.22 0.00 | 28.42 3.36 0.00 | 32.64 3.88 0.00 | 34.06 2.93 0.00 | 37.15 3.41 0.00 | 37.53 3.44 0.00 | 39.88 3.66 0.00 | 34.13 3.08 0.00 | 29.21 2.80 0.00 | 26.06 2.41 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 22.61 0.97 0.00 | 21.60 0.91 0.00 | 20.03 0.77 0.00 | 19.78 0.80 0.00 | 20.81 0.86 0.00 | 22.65 1.00 0.00 | 28.19 1.44 0.00 | 29.71 1.41 0.00 | 27.72 1.29 0.00 | 24.14 1.02 0.00 | 23.94 0.92 0.00 | 23.90 0.94 0.00 | 23.92 0.92 0.00 | 24.81 0.89 0.00 | 25.37 0.98 0.00 | 26.19 1.13 0.00 | 30.14 1.38 0.00 | 32.75 1.62 0.00 | 35.53 1.79 0.00 | 35.97 1.87 0.00 | 38.17 1.95 0.00 | 32.77 1.71 0.00 | 27.70 1.29 0.00 | 24.71 1.07 0.00 |
| V_F_30_SYNC_DSASP 323786 | 22.35 0.71 0.00 | 21.29 0.60 0.00 | 19.80 0.54 0.00 | 19.57 0.59 0.00 | 20.51 0.56 0.00 | 22.18 0.52 0.00 | 27.60 0.86 0.00 | 29.06 0.76 0.00 | 27.06 0.63 0.00 | 23.70 0.58 0.00 | 23.53 0.51 0.00 | 23.51 0.55 0.00 | 23.53 0.53 0.00 | 24.38 0.45 0.00 | 24.89 0.49 0.00 | 25.66 0.60 0.00 | 29.51 0.75 0.00 | 32.03 0.90 0.00 | 34.75 1.01 0.00 | 35.08 0.99 0.00 | 37.23 1.01 0.00 | 31.99 0.93 0.00 | 26.99 0.58 0.00 | 24.10 0.45 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 21.12 -0.52 0.00 | 20.38 -0.31 0.00 | 18.99 -0.27 0.00 | 18.83 -0.15 0.00 | 19.91 -0.04 0.00 | 21.66 0.00 0.00 | 26.72 -0.03 0.00 | 28.60 0.31 0.00 | 26.66 0.24 0.00 | 23.27 0.14 0.00 | 23.25 0.23 0.00 | 23.14 0.18 0.00 | 23.20 0.21 0.00 | 24.38 0.45 0.00 | 24.76 0.37 0.00 | 25.51 0.45 0.00 | 29.43 0.66 0.00 | 31.69 0.56 0.00 | 34.75 1.01 0.00 | 35.15 1.06 0.00 | 37.09 0.87 0.00 | 31.34 0.28 0.00 | 26.81 0.40 0.00 | 23.98 0.33 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 23.09 1.45 0.00 | 21.78 1.10 0.00 | 20.22 0.96 0.00 | 19.97 0.99 0.00 | 20.93 0.98 0.00 | 22.91 1.26 0.00 | 28.73 1.98 0.00 | 30.44 2.15 0.00 | 28.54 2.11 0.00 | 24.95 1.83 0.00 | 24.88 1.86 0.00 | 24.84 1.88 0.00 | 24.86 1.86 0.00 | 25.84 1.91 0.00 | 26.33 1.93 0.00 | 27.19 2.13 0.00 | 31.12 2.36 0.00 | 33.90 2.77 0.00 | 36.64 2.90 0.00 | 36.96 2.86 0.00 | 39.19 2.97 0.00 | 33.73 2.67 0.00 | 28.44 2.03 0.00 | 25.14 1.49 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 23.22 1.58 0.00 | 21.85 1.16 0.00 | 20.30 1.04 0.00 | 20.05 1.06 0.00 | 21.01 1.06 0.00 | 23.00 1.34 0.00 | 28.97 2.22 0.00 | 30.78 2.49 0.00 | 28.88 2.46 0.00 | 25.28 2.15 0.00 | 25.21 2.19 0.00 | 25.21 2.25 0.00 | 25.20 2.21 0.00 | 26.20 2.27 0.00 | 26.72 2.32 0.00 | 27.65 2.56 -0.03 | 31.55 2.79 0.00 | 34.44 3.30 -0.01 | 37.11 3.37 0.00 | 37.43 3.34 0.00 | 39.66 3.44 0.00 | 34.16 3.11 0.00 | 28.71 2.30 0.00 | 25.33 1.68 0.00 |
| W50THST__13_KV_LOAD 356117 | 23.30 1.67 0.00 | 21.95 1.26 0.00 | 20.37 1.12 0.00 | 20.12 1.14 0.00 | 21.11 1.16 0.00 | 23.09 1.43 0.00 | 29.10 2.35 0.00 | 30.95 2.66 0.00 | 29.04 2.62 0.00 | 25.42 2.29 0.00 | 25.37 2.35 0.00 | 25.37 2.41 0.00 | 25.34 2.35 0.00 | 26.34 2.42 0.00 | 26.86 2.46 0.00 | 27.82 2.73 -0.03 | 31.75 2.99 0.00 | 34.62 3.49 -0.01 | 37.32 3.58 0.00 | 37.64 3.55 0.00 | 39.88 3.66 0.00 | 34.32 3.26 0.00 | 28.84 2.43 0.00 | 25.44 1.80 0.00 |
| WADING RIVER_IC_1 23522 | 26.72 1.84 -3.24 | 26.58 1.53 -4.36 | 26.52 1.39 -5.88 | 22.24 1.42 -1.83 | 26.58 1.44 -5.19 | 27.11 1.80 -3.65 | 36.46 2.97 -6.75 | 32.63 3.11 -1.22 | 28.54 2.11 0.00 | 26.68 2.01 -1.54 | 30.52 2.05 -5.46 | 30.84 2.09 -5.80 | 30.07 2.09 -4.98 | 30.44 2.18 -4.33 | 30.66 2.24 -4.02 | 31.74 2.56 -4.13 | 36.18 3.16 -4.25 | 44.32 3.67 -9.52 | 46.45 3.81 -8.90 | 45.48 3.85 -7.53 | 46.83 4.06 -6.55 | 40.19 3.57 -5.56 | 31.42 2.70 -2.31 | 30.84 2.13 -5.07 |

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| WADING RIVER_IC_2 23547 | 26.72 1.84 -3.24 | 26.58 1.53 -4.36 | 26.52 1.39 -5.88 | 22.24 1.42 -1.83 | 26.58 1.44 -5.19 | 27.11 1.80 -3.65 | 36.46 2.97 -6.75 | 32.63 3.11 -1.22 | 28.54 2.11 0.00 | 26.68 2.01 -1.54 | 30.52 2.05 -5.46 | 30.84 2.09 -5.80 | 30.07 2.09 -4.98 | 30.44 2.18 -4.33 | 30.66 2.24 -4.02 | 31.74 2.56 -4.13 | 36.18 3.16 -4.25 | 44.32 3.67 -9.52 | 46.45 3.81 -8.90 | 45.48 3.85 -7.53 | 46.83 4.06 -6.55 | 40.19 3.57 -5.56 | 31.42 2.70 -2.31 | 30.84 2.13 -5.07 |
| WADING RIVER_IC_3 23601 | 26.72 1.84 -3.24 | 26.58 1.53 -4.36 | 26.52 1.39 -5.88 | 22.24 1.42 -1.83 | 26.58 1.44 -5.19 | 27.11 1.80 -3.65 | 36.46 2.97 -6.75 | 32.63 3.11 -1.22 | 28.54 2.11 0.00 | 26.68 2.01 -1.54 | 30.52 2.05 -5.46 | 30.84 2.09 -5.80 | 30.07 2.09 -4.98 | 30.44 2.18 -4.33 | 30.66 2.24 -4.02 | 31.74 2.56 -4.13 | 36.18 3.16 -4.25 | 44.32 3.67 -9.52 | 46.45 3.81 -8.90 | 45.48 3.85 -7.53 | 46.83 4.06 -6.55 | 40.19 3.57 -5.56 | 31.42 2.70 -2.31 | 30.84 2.13 -5.07 |
| WALDENNY_I2_KV_BK2 80841 | 21.72 0.09 0.00 | 20.50 -0.19 0.00 | 19.35 0.10 0.00 | 18.87 -0.11 0.00 | 19.87 -0.08 0.00 | 21.94 0.28 0.00 | 26.80 0.05 0.00 | 28.41 0.11 0.00 | 26.85 0.42 0.00 | 23.66 0.53 0.00 | 23.94 0.92 0.00 | 23.69 0.73 0.00 | 23.82 0.83 0.00 | 24.98 1.05 0.00 | 25.18 0.78 0.00 | 25.46 0.40 0.00 | 28.99 0.23 0.00 | 30.76 -0.37 -0.01 | 32.84 -0.91 -0.01 | 33.89 -0.20 -0.01 | 36.01 -0.22 -0.01 | 30.93 -0.12 0.00 | 27.10 0.69 0.00 | 24.57 0.92 0.00 |
| WALDEN___HYDRO 24148 | 23.06 1.43 0.00 | 21.78 1.10 0.00 | 20.20 0.94 0.00 | 19.93 0.95 0.00 | 20.89 0.94 0.00 | 22.87 1.21 0.00 | 28.62 1.87 0.00 | 30.30 2.01 0.00 | 28.38 1.96 0.00 | 24.79 1.67 0.00 | 24.70 1.68 0.00 | 24.63 1.68 0.00 | 24.68 1.68 0.00 | 25.65 1.72 0.00 | 26.18 1.78 0.00 | 26.99 1.93 0.00 | 30.92 2.16 0.00 | 33.71 2.58 0.00 | 36.44 2.70 0.00 | 36.79 2.69 0.00 | 39.01 2.79 0.00 | 33.57 2.52 0.00 | 28.31 1.90 0.00 | 25.04 1.40 0.00 |
| WARRENSBURG____ 23737 | 22.48 0.84 0.00 | 21.52 0.83 0.00 | 19.91 0.66 0.00 | 19.65 0.66 0.00 | 20.69 0.74 0.00 | 22.55 0.89 0.00 | 28.09 1.34 0.00 | 29.60 1.30 0.00 | 27.62 1.19 0.00 | 24.05 0.93 0.00 | 23.80 0.78 0.00 | 23.76 0.80 0.00 | 23.80 0.80 0.00 | 24.65 0.72 0.00 | 25.25 0.85 0.00 | 26.11 1.05 0.00 | 30.06 1.30 0.00 | 32.69 1.56 0.00 | 35.49 1.75 0.00 | 35.93 1.84 0.00 | 38.10 1.88 0.00 | 32.70 1.64 0.00 | 27.63 1.22 0.00 | 24.62 0.97 0.00 |
| WATERSIDE___6 8 9 23538 | 23.17 1.54 0.00 | 21.81 1.12 0.00 | 20.26 1.00 0.00 | 19.99 1.01 0.00 | 20.95 1.00 0.00 | 22.87 1.21 0.00 | 28.81 2.06 0.00 | 30.67 2.38 0.00 | 28.75 2.33 0.00 | 25.18 2.06 0.00 | 25.11 2.09 0.00 | 25.14 2.18 0.00 | 25.11 2.12 0.00 | 26.11 2.18 0.00 | 26.67 2.27 0.00 | 27.57 2.48 -0.03 | 31.47 2.70 0.00 | 34.34 3.21 -0.01 | 37.01 3.27 0.00 | 37.30 3.20 0.00 | 39.52 3.30 0.00 | 34.04 2.98 0.00 | 28.60 2.19 0.00 | 25.26 1.61 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 21.90 0.26 0.00 | 20.85 0.17 0.00 | 19.41 0.15 0.00 | 19.13 0.15 0.00 | 20.11 0.16 0.00 | 21.90 0.24 0.00 | 27.10 0.35 0.00 | 28.66 0.37 0.00 | 26.77 0.34 0.00 | 23.45 0.32 0.00 | 23.32 0.30 0.00 | 23.25 0.30 0.00 | 23.30 0.30 0.00 | 24.22 0.29 0.00 | 24.72 0.32 0.00 | 25.39 0.33 0.00 | 29.14 0.37 0.00 | 31.60 0.47 0.00 | 34.25 0.51 0.00 | 34.60 0.51 0.00 | 36.73 0.51 0.00 | 31.52 0.47 0.00 | 26.75 0.34 0.00 | 23.93 0.28 0.00 |
| WATSON___69_KV_BK 1 55734 | 27.22 2.40 -3.18 | 26.95 1.99 -4.27 | 26.83 1.81 -5.76 | 22.58 1.80 -1.80 | 26.89 1.86 -5.09 | 27.47 2.23 -3.58 | 33.29 3.24 -3.30 | 32.37 3.48 -0.60 | 29.46 3.04 0.00 | 27.48 2.84 -1.51 | 31.22 2.85 -5.35 | 31.55 2.92 -5.68 | 30.71 2.83 -4.88 | 31.12 2.94 -4.25 | 31.35 3.00 -3.95 | 32.37 3.26 -4.06 | 36.75 3.71 -4.28 | 44.72 4.30 -9.30 | 47.37 4.55 -9.08 | 46.39 4.57 -7.73 | 47.68 4.78 -6.68 | 40.87 4.19 -5.62 | 31.95 3.27 -2.26 | 31.19 2.58 -4.96 |
| WDELAWARE___HYD 323627 | 22.63 1.00 0.00 | 21.41 0.72 0.00 | 19.87 0.62 0.00 | 19.61 0.63 0.00 | 20.53 0.58 0.00 | 22.50 0.84 0.00 | 28.17 1.42 0.00 | 29.82 1.53 0.00 | 27.96 1.53 0.00 | 24.37 1.25 0.00 | 24.24 1.22 0.00 | 24.15 1.19 0.00 | 24.21 1.22 0.00 | 25.17 1.24 0.00 | 25.71 1.32 0.00 | 26.49 1.43 0.00 | 30.34 1.58 0.00 | 33.15 2.02 0.00 | 35.83 2.09 0.00 | 36.17 2.08 0.00 | 38.39 2.17 0.00 | 33.05 1.99 0.00 | 27.84 1.43 0.00 | 24.62 0.97 0.00 |
| WEST BABYLON___IC 23714 | 26.99 2.32 -3.04 | 26.70 1.92 -4.09 | 26.51 1.75 -5.50 | 22.45 1.75 -1.72 | 26.61 1.80 -4.86 | 27.22 2.14 -3.42 | 30.62 3.13 -0.74 | 31.79 3.37 -0.13 | 29.41 2.99 0.00 | 27.37 2.80 -1.45 | 30.94 2.81 -5.11 | 31.23 2.85 -5.43 | 30.45 2.78 -4.67 | 30.89 2.90 -4.07 | 31.13 2.93 -3.80 | 32.17 3.21 -3.90 | 36.74 3.57 -4.41 | 44.71 4.14 -9.44 | 47.54 4.35 -9.45 | 46.63 4.40 -8.14 | 47.78 4.60 -6.96 | 40.90 4.04 -5.80 | 31.77 3.20 -2.16 | 30.90 2.51 -4.75 |
| WEST CANADA___HYD 24049 | 21.77 0.13 0.00 | 20.79 0.10 0.00 | 19.33 0.08 0.00 | 19.08 0.10 0.00 | 20.03 0.08 0.00 | 21.79 0.13 0.00 | 26.99 0.24 0.00 | 28.52 0.23 0.00 | 26.66 0.24 0.00 | 23.33 0.21 0.00 | 23.20 0.18 0.00 | 23.14 0.18 0.00 | 23.18 0.18 0.00 | 24.12 0.19 0.00 | 24.59 0.19 0.00 | 25.26 0.20 0.00 | 28.97 0.20 0.00 | 31.41 0.28 0.00 | 34.01 0.27 0.00 | 34.40 0.31 0.00 | 36.51 0.29 0.00 | 31.34 0.28 0.00 | 26.62 0.21 0.00 | 23.81 0.17 0.00 |
| WESTERN_NY_WIND 24143 | 21.81 0.17 0.00 | 20.58 -0.10 0.00 | 19.37 0.12 0.00 | 18.91 -0.08 0.00 | 19.89 -0.06 0.00 | 21.98 0.32 0.00 | 26.91 0.16 0.00 | 28.63 0.34 0.00 | 27.03 0.61 0.00 | 23.70 0.58 0.00 | 23.99 0.97 0.00 | 23.67 0.71 0.00 | 23.80 0.80 0.00 | 24.96 1.03 0.00 | 25.20 0.81 0.00 | 25.49 0.43 0.00 | 29.08 0.32 0.00 | 30.79 -0.34 -0.01 | 33.00 -0.74 -0.01 | 33.96 -0.14 -0.01 | 36.08 -0.14 -0.01 | 31.03 -0.03 0.00 | 27.10 0.69 0.00 | 24.55 0.90 0.00 |
| WESTOVER___LESR 323668 | 22.11 0.48 0.00 | 20.98 0.29 0.00 | 19.56 0.31 0.00 | 19.25 0.27 0.00 | 20.25 0.30 0.00 | 22.13 0.48 0.00 | 27.42 0.67 0.00 | 29.03 0.74 0.00 | 27.17 0.74 0.00 | 23.82 0.69 0.00 | 23.76 0.74 0.00 | 23.67 0.71 0.00 | 23.73 0.74 0.00 | 24.72 0.79 0.00 | 25.13 0.73 0.00 | 25.79 0.73 0.00 | 29.54 0.78 0.00 | 31.91 0.78 0.00 | 34.48 0.74 0.00 | 34.88 0.78 0.00 | 37.02 0.80 0.00 | 31.80 0.75 0.00 | 27.26 0.85 0.00 | 24.38 0.73 0.00 |
| WETHRSFD_WT_PWR 323626 | 21.44 -0.20 0.00 | 20.34 -0.35 0.00 | 19.10 -0.15 0.00 | 18.66 -0.32 0.00 | 19.69 -0.26 0.00 | 21.74 0.09 0.00 | 26.67 -0.08 0.00 | 28.29 0.00 0.00 | 26.72 0.29 0.00 | 23.56 0.44 0.00 | 23.82 0.81 0.00 | 23.60 0.64 0.00 | 23.73 0.74 0.00 | 24.86 0.93 0.00 | 25.08 0.68 0.00 | 25.39 0.32 0.00 | 29.14 0.37 0.00 | 30.82 -0.31 0.00 | 33.41 -0.34 0.00 | 34.06 -0.03 0.00 | 36.15 -0.07 0.00 | 31.18 0.12 0.00 | 27.23 0.82 0.00 | 24.55 0.90 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.65 1.90 0.00 | 30.36 2.07 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.79 1.77 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.04 2.27 0.00 | 33.81 2.68 0.00 | 36.54 2.80 0.00 | 36.85 2.76 0.00 | 39.08 2.86 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.07 1.42 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 23.02 1.38 0.00 | 21.72 1.03 0.00 | 20.16 0.91 0.00 | 19.91 0.93 0.00 | 20.89 0.94 0.00 | 22.85 1.19 0.00 | 28.65 1.90 0.00 | 30.36 2.07 0.00 | 28.43 2.01 0.00 | 24.88 1.76 0.00 | 24.79 1.77 0.00 | 24.77 1.81 0.00 | 24.79 1.79 0.00 | 25.77 1.84 0.00 | 26.25 1.85 0.00 | 27.14 2.08 0.00 | 31.04 2.27 0.00 | 33.81 2.68 0.00 | 36.54 2.80 0.00 | 36.85 2.76 0.00 | 39.08 2.86 0.00 | 33.64 2.58 0.00 | 28.36 1.95 0.00 | 25.07 1.42 0.00 |
| WHITEHAL_115KV_TB1 80871 | 23.00 1.36 0.00 | 21.95 1.26 0.00 | 20.28 1.02 0.00 | 20.01 1.03 0.00 | 21.07 1.12 0.00 | 23.00 1.34 0.00 | 28.70 1.95 0.00 | 30.19 1.90 0.00 | 28.14 1.72 0.00 | 24.42 1.30 0.00 | 24.15 1.13 0.00 | 24.13 1.17 0.00 | 24.17 1.17 0.00 | 24.98 1.05 0.00 | 25.62 1.22 0.00 | 26.54 1.48 0.00 | 30.60 1.84 0.00 | 33.34 2.21 0.00 | 36.24 2.50 0.00 | 36.72 2.63 0.00 | 38.90 2.68 0.00 | 33.39 2.33 0.00 | 28.23 1.82 0.00 | 25.11 1.47 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 23.26 1.62 0.00 | 21.93 1.24 0.00 | 20.37 1.12 0.00 | 20.10 1.12 0.00 | 21.09 1.14 0.00 | 23.07 1.41 0.00 | 29.00 2.25 0.00 | 30.75 2.46 0.00 | 28.83 2.40 0.00 | 25.23 2.10 0.00 | 25.18 2.16 0.00 | 25.18 2.23 0.00 | 25.18 2.18 0.00 | 26.20 2.27 0.00 | 26.69 2.29 0.00 | 27.66 2.61 0.01 | 31.64 2.88 0.00 | 34.46 3.33 0.00 | 37.22 3.48 0.00 | 37.57 3.48 0.00 | 39.84 3.62 0.00 | 34.23 3.17 0.00 | 28.81 2.40 0.00 | 25.47 1.82 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 27.06 2.19 -3.24 | 26.84 1.80 -4.36 | 26.74 1.62 -5.87 | 22.45 1.63 -1.83 | 26.79 1.66 -5.18 | 27.34 2.04 -3.65 | 36.75 3.13 -6.87 | 32.87 3.34 -1.24 | 29.04 2.62 0.00 | 27.12 2.45 -1.54 | 30.95 2.49 -5.45 | 31.32 2.57 -5.79 | 30.43 2.46 -4.98 | 30.84 2.58 -4.33 | 31.05 2.63 -4.01 | 32.11 2.93 -4.12 | 36.50 3.48 -4.26 | 44.69 4.02 -9.55 | 46.91 4.25 -8.91 | 45.90 4.26 -7.54 | 47.24 4.46 -6.56 | 40.54 3.91 -5.57 | 31.73 3.01 -2.31 | 31.02 2.32 -5.06 |
| WOODARD__115KV_TB2 355635 | 21.55 -0.09 0.00 | 20.50 -0.19 0.00 | 19.10 -0.15 0.00 | 18.81 -0.17 0.00 | 19.79 -0.16 0.00 | 21.57 -0.09 0.00 | 26.61 -0.13 0.00 | 28.24 -0.06 0.00 | 26.40 -0.03 0.00 | 23.15 0.02 0.00 | 23.07 0.05 0.00 | 22.98 0.02 0.00 | 23.04 0.05 0.00 | 24.00 0.07 0.00 | 24.45 0.05 0.00 | 25.01 -0.05 0.00 | 28.68 -0.09 0.00 | 30.97 -0.16 0.00 | 33.47 -0.27 0.00 | 33.85 -0.24 0.00 | 35.97 -0.25 0.00 | 30.84 -0.22 0.00 | 26.36 -0.05 0.00 | 23.67 0.02 0.00 |
| YORK___WARBASSE 23770 | 23.35 1.71 0.00 | 21.91 1.22 0.00 | 20.34 1.08 0.00 | 20.06 1.08 0.00 | 21.01 1.06 0.00 | 22.91 1.26 0.00 | 28.89 2.14 0.00 | 30.75 2.46 0.00 | 28.86 2.43 0.00 | 25.25 2.13 0.00 | 25.23 2.21 0.00 | 25.25 2.30 0.00 | 25.23 2.23 0.00 | 26.25 2.32 0.00 | 26.85 2.44 -0.01 | 27.74 2.63 -0.04 | 44.78 2.85 -13.17 | 47.41 3.42 -12.86 | 37.19 3.44 -0.01 | 37.54 3.44 0.00 | 39.73 3.51 0.00 | 34.18 3.11 -0.01 | 28.80 2.38 -0.01 | 25.44 1.80 0.00 |