

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | | | --- Marginal Cost of Losses | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | |
|-------------------------------|------|-------------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | | 02/11/2024 | | |
| 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 | | 21.07 | 19.79 | 17.79 | 17.39 | 18.78 | 19.41 | 19.11 | 20.30 | 20.66 | 20.84 | 21.72 | 21.82 | 21.62 | 21.52 | 21.35 | 22.79 | 24.92 | 31.90 | 32.11 | 30.13 | 26.94 | 24.91 | 23.47 | 22.01 | | | |
| | | 1.40 | 1.31 | 1.10 | 1.06 | 1.15 | 1.12 | 1.20 | 1.17 | 1.41 | 1.51 | 1.55 | 1.58 | 1.58 | 1.58 | 1.62 | 1.73 | 2.10 | 2.69 | 2.79 | 2.64 | 2.27 | 2.16 | 1.98 | 1.48 | | | |
| | | 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 | | | |
| 74TH STREET_GT_1 24260 | | 21.07 | 19.79 | 17.81 | 17.38 | 18.76 | 19.41 | 19.08 | 20.26 | 20.26 | 20.66 | 21.66 | 21.78 | 21.58 | 21.48 | 21.31 | 22.68 | 24.87 | 31.88 | 32.02 | 30.05 | 26.89 | 24.87 | 23.21 | 22.03 | | | |
| | | 1.40 | 1.31 | 1.12 | 1.05 | 1.13 | 1.12 | 1.16 | 1.13 | 1.00 | 1.33 | 1.49 | 1.54 | 1.54 | 1.54 | 1.58 | 1.62 | 2.05 | 2.66 | 2.70 | 2.56 | 2.22 | 2.12 | 1.72 | 1.50 | | | |
| | | 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 | | | |
| 74TH STREET_GT_2 24261 | | 21.07 | 19.79 | 17.81 | 17.38 | 18.76 | 19.41 | 19.08 | 20.26 | 20.26 | 20.66 | 21.66 | 21.78 | 21.58 | 21.48 | 21.31 | 22.68 | 24.87 | 31.88 | 32.02 | 30.05 | 26.89 | 24.87 | 23.21 | 22.03 | | | |
| | | 1.40 | 1.31 | 1.12 | 1.05 | 1.13 | 1.12 | 1.16 | 1.13 | 1.00 | 1.33 | 1.49 | 1.54 | 1.54 | 1.54 | 1.58 | 1.62 | 2.05 | 2.66 | 2.70 | 2.56 | 2.22 | 2.12 | 1.72 | 1.50 | | | |
| | | 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 HUDSON___FALLS 24011 | | 20.62 | 19.40 | 17.54 | 17.15 | 18.51 | 19.19 | 18.84 | 20.03 | 20.15 | 20.35 | 21.36 | 21.44 | 21.16 | 20.98 | 20.83 | 22.32 | 24.56 | 31.50 | 31.52 | 29.50 | 26.50 | 24.39 | 22.78 | 21.66 | | | |
| | | 0.94 | 0.92 | 0.85 | 0.82 | 0.88 | 0.90 | 0.93 | 0.90 | 0.89 | 1.02 | 1.19 | 1.19 | 1.12 | 1.04 | 1.10 | 1.26 | 1.73 | 2.28 | 2.20 | 2.01 | 1.83 | 1.64 | 1.29 | 1.13 | | | |
| | | 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 | | 20.66 | 19.44 | 17.58 | 17.18 | 18.55 | 19.23 | 18.90 | 20.09 | 20.36 | 20.49 | 21.44 | 21.52 | 21.24 | 21.04 | 20.89 | 22.47 | 24.67 | 31.61 | 31.67 | 29.64 | 26.62 | 24.48 | 22.93 | 21.70 | | | |
| | | 0.98 | 0.96 | 0.88 | 0.85 | 0.92 | 0.93 | 0.98 | 0.96 | 1.10 | 1.16 | 1.27 | 1.28 | 1.20 | 1.10 | 1.16 | 1.41 | 1.85 | 2.40 | 2.35 | 2.15 | 1.95 | 1.73 | 1.44 | 1.17 | | | |
| | | 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 | | 20.62 | 19.40 | 17.54 | 17.15 | 18.51 | 19.19 | 18.84 | 20.03 | 20.15 | 20.35 | 21.36 | 21.44 | 21.16 | 20.98 | 20.83 | 22.32 | 24.56 | 31.50 | 31.52 | 29.50 | 26.50 | 24.39 | 22.78 | 21.66 | | | |
| | | 0.94 | 0.92 | 0.85 | 0.82 | 0.88 | 0.90 | 0.93 | 0.90 | 0.89 | 1.02 | 1.19 | 1.19 | 1.12 | 1.04 | 1.10 | 1.26 | 1.73 | 2.28 | 2.20 | 2.01 | 1.83 | 1.64 | 1.29 | 1.13 | | | |
| | | 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 | | 20.72 | 19.49 | 17.61 | 17.23 | 18.57 | 19.21 | 18.90 | 20.07 | 20.32 | 20.47 | 21.28 | 21.37 | 21.10 | 20.98 | 20.81 | 22.28 | 24.51 | 31.38 | 31.43 | 29.39 | 26.37 | 24.30 | 22.78 | 21.48 | | | |
| | | 1.04 | 1.02 | 0.92 | 0.90 | 0.93 | 0.91 | 0.98 | 0.94 | 1.06 | 1.14 | 1.11 | 1.13 | 1.06 | 1.04 | 1.08 | 1.22 | 1.69 | 2.16 | 2.11 | 1.90 | 1.70 | 1.55 | 1.29 | 0.95 | | | |
| | | 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 | | 20.38 | 19.18 | 17.33 | 16.97 | 18.28 | 18.94 | 18.57 | 19.75 | 19.84 | 20.02 | 20.79 | 20.87 | 20.64 | 20.52 | 20.20 | 21.57 | 23.55 | 30.12 | 30.20 | 28.29 | 25.39 | 23.43 | 21.97 | 20.86 | | | |
| | | 0.71 | 0.70 | 0.63 | 0.64 | 0.65 | 0.64 | 0.66 | 0.61 | 0.58 | 0.70 | 0.63 | 0.63 | 0.60 | 0.58 | 0.47 | 0.51 | 0.73 | 0.91 | 0.88 | 0.80 | 0.72 | 0.68 | 0.47 | 0.33 | | | |
| | | 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 | | 19.22 | 18.05 | 16.29 | 15.92 | 17.19 | 17.82 | 17.36 | 18.91 | 19.09 | 18.94 | 19.64 | 19.72 | 19.54 | 19.49 | 19.29 | 20.49 | 22.07 | 28.34 | 28.47 | 26.67 | 23.98 | 22.05 | 21.02 | 20.19 | | | |
| | | -0.45 | -0.42 | -0.40 | -0.41 | -0.44 | -0.48 | -0.56 | -0.23 | -0.17 | -0.39 | -0.52 | -0.53 | -0.50 | -0.46 | -0.43 | -0.57 | -0.75 | -0.88 | -0.85 | -0.82 | -0.69 | -0.71 | -0.47 | -0.35 | | | |
| | | 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 | | 20.62 | 19.38 | 17.53 | 17.15 | 18.50 | 19.16 | 18.79 | 19.96 | 20.16 | 20.28 | 21.08 | 21.15 | 20.90 | 20.78 | 20.54 | 22.01 | 24.01 | 30.74 | 30.79 | 28.84 | 25.91 | 23.89 | 22.50 | 21.30 | | | |
| | | 0.94 | 0.91 | 0.83 | 0.82 | 0.86 | 0.86 | 0.88 | 0.82 | 0.91 | 0.95 | 0.91 | 0.91 | 0.86 | 0.84 | 0.81 | 0.95 | 1.19 | 1.52 | 1.47 | 1.35 | 1.23 | 1.14 | 1.01 | 0.76 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ALBANY_2_SOLAR 323834 | | 20.62 | 19.38 | 17.53 | 17.15 | 18.50 | 19.16 | 18.77 | 19.94 | 20.16 | 20.28 | 21.08 | 21.13 | 20.90 | 20.78 | 20.52 | 21.99 | 24.01 | 30.71 | 30.79 | 28.84 | 25.91 | 23.89 | 22.50 | 21.30 | | | |
| | | 0.94 | 0.91 | 0.83 | 0.82 | 0.86 | 0.86 | 0.86 | 0.80 | 0.91 | 0.95 | 0.91 | 0.89 | 0.86 | 0.84 | 0.79 | 0.93 | 1.19 | 1.49 | 1.47 | 1.35 | 1.23 | 1.14 | 1.01 | 0.76 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ALBANY___1 23571 | | 20.38 | 19.18 | 17.33 | 16.97 | 18.28 | 18.94 | 18.57 | 19.75 | 19.84 | 20.02 | 20.79 | 20.87 | 20.64 | 20.52 | 20.20 | 21.57 | 23.55 | 30.12 | 30.20 | 28.29 | 25.39 | 23.43 | 21.97 | 20.86 | | | |
| | | 0.71 | 0.70 | 0.63 | 0.64 | 0.65 | 0.64 | 0.66 | 0.61 | 0.58 | 0.70 | 0.63 | 0.63 | 0.60 | 0.58 | 0.47 | 0.51 | 0.73 | 0.91 | 0.88 | 0.80 | 0.72 | 0.68 | 0.47 | 0.33 | | | |
| | | 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 | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.94 0.64 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.84 0.58 0.00 | 20.02 0.70 0.00 | 20.79 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.57 0.51 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.29 0.80 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 21.97 0.47 0.00 | 20.86 0.33 0.00 |
| ALBANY___3 23573 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.94 0.64 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.84 0.58 0.00 | 20.02 0.70 0.00 | 20.79 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.57 0.51 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.29 0.80 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 21.97 0.47 0.00 | 20.86 0.33 0.00 |
| ALBANY___4 23574 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.94 0.64 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.84 0.58 0.00 | 20.02 0.70 0.00 | 20.79 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.57 0.51 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.29 0.80 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 21.97 0.47 0.00 | 20.86 0.33 0.00 |
| ALBANY___LFGE 323615 | 20.50 0.83 0.00 | 19.27 0.79 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.68 0.77 0.00 | 19.84 0.71 0.00 | 20.09 0.83 0.00 | 20.22 0.89 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.78 0.74 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.80 0.74 0.00 | 23.80 0.98 0.00 | 30.42 1.20 0.00 | 30.50 1.17 0.00 | 28.57 1.07 0.00 | 25.63 0.96 0.00 | 23.66 0.91 0.00 | 22.29 0.80 0.00 | 21.03 0.49 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 19.26 -0.41 0.00 | 18.09 -0.39 0.00 | 16.31 -0.38 0.00 | 15.95 -0.38 0.00 | 17.21 -0.42 0.00 | 17.84 -0.46 0.00 | 17.34 -0.57 0.00 | 18.98 -0.15 0.00 | 19.14 -0.12 0.00 | 19.02 -0.31 0.00 | 19.66 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.53 -0.53 0.00 | 22.11 -0.71 0.00 | 28.40 -0.82 0.00 | 28.53 -0.79 0.00 | 26.72 -0.77 0.00 | 24.06 -0.62 0.00 | 22.09 -0.66 0.00 | 21.06 -0.43 0.00 | 20.25 -0.29 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 19.26 -0.41 0.00 | 18.09 -0.39 0.00 | 16.31 -0.38 0.00 | 15.95 -0.38 0.00 | 17.21 -0.42 0.00 | 17.84 -0.46 0.00 | 17.34 -0.57 0.00 | 18.98 -0.15 0.00 | 19.14 -0.12 0.00 | 19.02 -0.31 0.00 | 19.66 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.53 -0.53 0.00 | 22.11 -0.71 0.00 | 28.40 -0.82 0.00 | 28.53 -0.79 0.00 | 26.72 -0.77 0.00 | 24.06 -0.62 0.00 | 22.09 -0.66 0.00 | 21.06 -0.43 0.00 | 20.25 -0.29 0.00 |
| ALCOA___DSASP 323711 | 19.26 -0.41 0.00 | 18.09 -0.39 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.21 -0.42 0.00 | 17.84 -0.46 0.00 | 17.34 -0.57 0.00 | 18.98 -0.15 0.00 | 18.95 -0.31 0.00 | 18.92 -0.41 0.00 | 19.67 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.54 -0.53 0.00 | 22.11 -0.71 0.00 | 28.40 -0.82 0.00 | 28.53 -0.79 0.00 | 26.73 -0.77 0.00 | 24.06 -0.62 0.00 | 22.09 -0.66 0.00 | 20.93 -0.56 0.00 | 20.25 -0.29 0.00 |
| ALLEGHENY___COGEN 23514 | 20.34 0.67 0.00 | 19.05 0.57 0.00 | 17.36 0.67 0.00 | 17.02 0.69 0.00 | 18.46 0.83 0.00 | 19.32 1.02 0.00 | 18.93 1.02 0.00 | 19.61 0.48 0.00 | 19.68 0.42 0.00 | 19.81 0.48 0.00 | 20.81 0.65 0.00 | 20.81 0.57 0.00 | 20.64 0.60 0.00 | 20.44 0.50 0.00 | 20.14 0.41 0.00 | 21.88 0.82 0.00 | 23.98 1.16 0.00 | 30.79 1.58 0.00 | 30.99 1.67 0.00 | 29.14 1.65 0.00 | 26.10 1.43 0.00 | 24.05 1.30 0.00 | 22.74 1.25 0.00 | 21.75 1.21 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 20.36 0.69 0.00 | 19.14 0.67 0.00 | 17.28 0.58 0.00 | 16.90 0.57 0.00 | 18.23 0.60 0.00 | 18.90 0.60 0.00 | 18.54 0.63 0.00 | 19.71 0.57 0.00 | 19.80 0.54 0.00 | 19.99 0.66 0.00 | 20.85 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.38 0.65 0.00 | 21.78 0.72 0.00 | 23.78 0.96 0.00 | 30.44 1.23 0.00 | 30.52 1.20 0.00 | 28.62 1.13 0.00 | 25.66 0.99 0.00 | 23.68 0.93 0.00 | 22.20 0.71 0.00 | 21.13 0.60 0.00 |
| ALTONA_WT_PWR 323606 | 19.22 -0.45 0.00 | 18.00 -0.48 0.00 | 16.17 -0.52 0.00 | 15.77 -0.56 0.00 | 16.98 -0.65 0.00 | 17.62 -0.68 0.00 | 16.85 -1.06 0.00 | 18.47 -0.67 0.00 | 18.41 -0.85 0.00 | 18.42 -0.91 0.00 | 19.18 -0.99 0.00 | 19.27 -0.97 0.00 | 19.20 -0.84 0.00 | 19.23 -0.72 0.00 | 19.08 -0.65 0.00 | 20.24 -0.82 0.00 | 22.00 -0.82 0.00 | 28.40 -0.82 0.00 | 28.59 -0.73 0.00 | 26.83 -0.66 0.00 | 24.15 -0.52 0.00 | 22.14 -0.61 0.00 | 21.02 -0.47 0.00 | 20.66 0.12 0.00 |
| AMERICAN_REF_FUEL 24010 | 18.61 -1.06 0.00 | 17.46 -1.02 0.00 | 16.09 -0.60 0.00 | 15.73 -0.60 0.00 | 16.96 -0.67 0.00 | 17.76 -0.53 0.00 | 17.41 -0.50 0.00 | 17.38 -1.76 0.00 | 17.43 -1.83 0.00 | 17.67 -1.66 0.00 | 18.76 -1.41 0.00 | 18.78 -1.46 0.00 | 18.70 -1.34 0.00 | 18.55 -1.40 0.00 | 18.19 -1.54 0.00 | 19.69 -1.37 0.00 | 21.22 -1.60 0.00 | 26.73 -2.48 0.00 | 26.68 -2.64 0.00 | 25.32 -2.17 0.00 | 22.85 -1.83 0.00 | 21.20 -1.55 0.00 | 20.29 -1.20 0.00 | 19.78 -0.76 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 19.38 -0.29 0.00 | 18.12 -0.35 0.00 | 16.68 -0.02 0.00 | 16.41 0.08 0.00 | 17.72 0.09 0.00 | 18.57 0.27 0.00 | 18.20 0.29 0.00 | 18.31 -0.82 0.00 | 18.39 -0.87 0.00 | 18.63 -0.70 0.00 | 19.83 -0.34 0.00 | 19.86 -0.39 0.00 | 19.78 -0.26 0.00 | 19.59 -0.36 0.00 | 19.20 -0.53 0.00 | 20.81 -0.25 0.00 | 22.48 -0.34 0.00 | 28.46 -0.76 0.00 | 28.44 -0.88 0.00 | 26.92 -0.58 0.00 | 24.25 -0.42 0.00 | 22.48 -0.27 0.00 | 21.45 -0.04 0.00 | 20.88 0.35 0.00 |
| ARTHUR KILL_GT_1 23520 | 21.24 1.55 -0.01 | 19.96 1.48 -0.01 | 17.92 1.22 -0.01 | 17.51 1.18 -0.01 | 18.89 1.25 -0.01 | 19.51 1.21 -0.01 | 19.09 1.18 0.00 | 20.17 1.03 0.00 | 20.34 1.08 0.00 | 20.55 1.22 0.00 | 21.44 1.27 0.00 | 21.56 1.31 0.00 | 21.40 1.36 0.00 | 21.30 1.36 0.00 | 21.13 1.40 0.00 | 22.56 1.50 0.00 | 24.69 1.87 0.00 | 32.35 2.45 -0.68 | 55.78 2.40 -24.06 | 83.69 2.26 -53.94 | 26.70 2.02 0.00 | 24.79 2.02 -0.02 | 23.38 1.87 -0.02 | 22.06 1.52 -0.01 |
| ARTHUR_KILL_2 23512 | 21.18 1.49 -0.01 | 19.91 1.42 -0.01 | 17.87 1.17 -0.01 | 17.46 1.13 -0.01 | 18.86 1.22 -0.01 | 19.46 1.15 -0.01 | 19.04 1.13 0.00 | 20.11 0.98 0.00 | 20.28 1.02 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.34 1.30 0.00 | 21.24 1.30 0.00 | 21.07 1.34 0.00 | 22.49 1.43 0.00 | 24.62 1.80 0.00 | 32.26 2.37 -0.68 | 55.69 2.32 -24.06 | 83.61 2.17 -53.94 | 26.62 1.95 0.00 | 24.73 1.96 -0.02 | 23.32 1.81 -0.02 | 22.00 1.46 -0.01 |
| ARTHUR_KILL_3 23513 | 20.85 1.18 0.00 | 19.59 1.11 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.91 1.00 0.00 | 20.09 0.96 0.00 | 20.48 1.21 0.00 | 20.63 1.30 0.00 | 21.48 1.31 0.00 | 21.60 1.36 0.00 | 21.40 1.36 0.00 | 21.31 1.36 0.00 | 21.13 1.40 0.00 | 22.56 1.50 0.00 | 24.67 1.85 0.00 | 32.22 2.34 -0.67 | 55.26 2.43 -23.51 | 82.54 2.34 -52.71 | 26.67 2.00 0.00 | 24.67 1.91 -0.01 | 23.24 1.74 -0.01 | 21.79 1.25 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 21.24 1.55 -0.01 | 19.96 1.48 -0.01 | 17.92 1.22 -0.01 | 17.51 1.18 -0.01 | 18.89 1.25 -0.01 | 19.51 1.21 -0.01 | 19.09 1.18 0.00 | 20.17 1.03 0.00 | 20.34 1.08 0.00 | 20.55 1.22 0.00 | 21.44 1.27 0.00 | 21.56 1.31 0.00 | 21.40 1.36 0.00 | 21.30 1.36 0.00 | 21.13 1.40 0.00 | 22.56 1.50 0.00 | 24.69 1.87 0.00 | 32.35 2.45 -0.68 | 55.78 2.40 -24.06 | 83.69 2.26 -53.94 | 26.70 2.02 0.00 | 24.79 2.02 -0.02 | 23.38 1.87 -0.02 | 22.06 1.52 -0.01 |
| ASHOKAN____ 23654 | 20.95 1.28 0.00 | 19.60 1.13 0.00 | 17.68 0.98 0.00 | 17.31 0.98 0.00 | 18.71 1.08 0.00 | 19.34 1.04 0.00 | 18.88 0.97 0.00 | 19.96 0.82 0.00 | 20.15 0.89 0.00 | 20.24 0.91 0.00 | 21.08 0.91 0.00 | 21.11 0.87 0.00 | 20.84 0.80 0.00 | 20.74 0.80 0.00 | 20.52 0.79 0.00 | 22.13 1.07 0.00 | 24.35 1.53 0.00 | 31.26 2.04 0.00 | 31.40 2.08 0.00 | 29.37 1.87 0.00 | 26.33 1.65 0.00 | 24.30 1.55 0.00 | 22.87 1.38 0.00 | 21.60 1.07 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.74 1.04 -0.01 | 17.35 1.01 -0.01 | 18.70 1.06 -0.01 | 19.40 1.10 -0.01 | 19.09 1.18 0.00 | 20.12 0.99 0.01 | 20.43 1.17 0.01 | 20.60 1.28 0.01 | 21.49 1.33 0.01 | 21.59 1.36 0.01 | 21.43 1.40 0.01 | 21.33 1.40 0.01 | 21.14 1.42 0.01 | 22.57 1.52 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.77 2.28 0.01 | 26.64 1.97 0.01 | 24.67 1.91 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.74 1.04 -0.01 | 17.35 1.01 -0.01 | 18.70 1.06 -0.01 | 19.40 1.10 -0.01 | 19.09 1.18 0.00 | 20.12 0.99 0.01 | 20.43 1.17 0.01 | 20.60 1.28 0.01 | 21.49 1.33 0.01 | 21.59 1.36 0.01 | 21.43 1.40 0.01 | 21.33 1.40 0.01 | 21.14 1.42 0.01 | 22.57 1.52 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.77 2.28 0.01 | 26.64 1.97 0.01 | 24.67 1.91 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| ASTORIA_GT2_1 24094 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT2_2 24095 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT2_3 24096 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT2_4 24097 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT3_1 24098 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT3_2 24099 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT3_3 24100 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT3_4 24101 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT4_1 24102 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT4_2 24103 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT4_3 24104 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|
| ASTORIA_GT4_4 24105 | 21.12 1.44 -0.01 | 19.81 1.33 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.39 1.10 0.00 | 19.09 1.18 0.00 | 20.13 1.00 0.00 | 20.07 0.81 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.25 0.01 | 26.67 2.00 0.00 | 24.69 1.93 0.00 | 23.13 1.63 0.00 | 22.10 1.56 0.00 |
| ASTORIA_GT_1 23523 | 21.16 1.48 -0.01 | 19.85 1.37 -0.01 | 17.77 1.07 -0.01 | 17.38 1.05 -0.01 | 18.73 1.09 -0.01 | 19.42 1.12 -0.01 | 19.11 1.20 0.00 | 20.16 1.03 0.01 | 20.47 1.21 0.01 | 20.64 1.32 0.01 | 21.53 1.37 0.01 | 21.63 1.40 0.01 | 21.47 1.44 0.01 | 21.37 1.44 0.01 | 21.20 1.48 0.01 | 22.61 1.56 0.01 | 24.68 1.87 0.01 | 31.63 2.42 0.01 | 31.80 2.49 0.01 | 29.82 2.34 0.01 | 26.69 2.02 0.01 | 24.73 1.98 0.00 | 23.41 1.91 0.00 | 22.10 1.56 -0.01 |
| ASTORIA_GT_10 24110 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.48 2.28 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 22.01 1.48 0.00 |
| ASTORIA_GT_11 24225 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.48 2.28 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 22.01 1.48 0.00 |
| ASTORIA_GT_12 24226 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.48 2.28 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 22.01 1.48 0.00 |
| ASTORIA_GT_13 24227 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.48 2.28 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 22.01 1.48 0.00 |
| ASTORIA_GT_5 24106 | 21.16 1.48 -0.01 | 19.85 1.37 -0.01 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.73 1.09 0.00 | 19.43 1.13 0.00 | 19.11 1.20 0.00 | 20.17 1.03 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.63 2.43 0.01 | 31.78 2.46 0.01 | 29.80 2.31 0.01 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.12 1.58 0.00 |
| ASTORIA_GT_7 24107 | 21.16 1.48 -0.01 | 19.85 1.37 -0.01 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.73 1.09 0.00 | 19.43 1.13 0.00 | 19.11 1.20 0.00 | 20.17 1.03 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.63 2.43 0.01 | 31.78 2.46 0.01 | 29.80 2.31 0.01 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.12 1.58 0.00 |
| ASTORIA_GT_8 24108 | 21.16 1.48 -0.01 | 19.85 1.37 -0.01 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.73 1.09 0.00 | 19.43 1.13 0.00 | 19.11 1.20 0.00 | 20.17 1.03 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.63 2.43 0.01 | 31.78 2.46 0.01 | 29.80 2.31 0.01 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.12 1.58 0.00 |
| ASTORIA___2 24149 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.75 1.05 -0.01 | 17.35 1.01 -0.01 | 18.72 1.08 -0.01 | 19.40 1.10 -0.01 | 19.09 1.18 0.00 | 20.12 0.99 0.01 | 20.43 1.17 0.01 | 20.60 1.28 0.01 | 21.49 1.33 0.01 | 21.61 1.38 0.01 | 21.43 1.40 0.01 | 21.33 1.40 0.01 | 21.16 1.44 0.01 | 22.57 1.52 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.75 2.43 0.01 | 29.77 2.28 0.01 | 26.64 1.97 0.01 | 24.69 1.93 0.00 | 23.37 1.87 0.00 | 22.06 1.52 -0.01 |
| ASTORIA___3 23516 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 -0.01 | 17.40 1.06 -0.01 | 18.77 1.13 -0.01 | 19.42 1.12 -0.01 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.62 1.30 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.69 1.87 0.00 | 31.74 2.42 -0.10 | 35.25 2.49 -3.43 | 37.53 2.34 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.37 1.87 0.00 | 22.00 1.46 -0.01 |
| ASTORIA___4 23517 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.48 2.28 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 22.01 1.48 0.00 |
| ASTORIA___5 23518 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 -0.01 | 17.40 1.06 -0.01 | 18.77 1.13 -0.01 | 19.42 1.12 -0.01 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.62 1.30 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.69 1.87 0.00 | 31.74 2.42 -0.10 | 35.25 2.49 -3.43 | 37.53 2.34 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.37 1.87 0.00 | 22.00 1.46 -0.01 |
| AST_ENERGY_2_CC3 323677 | 20.89 1.22 0.00 | 19.62 1.15 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.62 0.99 0.00 | 19.25 0.95 0.00 | 18.95 1.04 0.00 | 20.13 0.99 0.00 | 20.47 1.21 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.15 1.42 0.00 | 22.56 1.50 0.00 | 24.67 1.85 0.00 | 31.56 2.34 0.00 | 31.75 2.43 0.00 | 29.80 2.31 0.00 | 26.65 1.97 0.00 | 24.66 1.91 0.00 | 23.23 1.74 0.00 | 21.81 1.27 0.00 |
| AST_ENERGY_2_CC4 323678 | 20.89 1.22 0.00 | 19.62 1.15 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.62 0.99 0.00 | 19.25 0.95 0.00 | 18.95 1.04 0.00 | 20.13 0.99 0.00 | 20.47 1.21 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.15 1.42 0.00 | 22.56 1.50 0.00 | 24.67 1.85 0.00 | 31.56 2.34 0.00 | 31.75 2.43 0.00 | 29.80 2.31 0.00 | 26.65 1.97 0.00 | 24.66 1.91 0.00 | 23.23 1.74 0.00 | 21.81 1.27 0.00 |

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| ATHENS_STG_1 23668 | 20.46 0.79 0.00 | 19.22 0.74 0.00 | 17.34 0.65 0.00 | 16.97 0.64 0.00 | 18.30 0.67 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.16 0.83 0.00 | 21.02 0.85 0.00 | 21.09 0.85 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.56 0.83 0.00 | 21.99 0.93 0.00 | 24.03 1.21 0.00 | 30.76 1.55 0.00 | 30.87 1.55 0.00 | 28.92 1.43 0.00 | 25.93 1.26 0.00 | 23.96 1.21 0.00 | 22.55 1.05 0.00 | 21.30 0.76 0.00 |
| ATHENS_STG_2 23670 | 20.46 0.79 0.00 | 19.22 0.74 0.00 | 17.34 0.65 0.00 | 16.97 0.64 0.00 | 18.30 0.67 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.16 0.83 0.00 | 21.02 0.85 0.00 | 21.09 0.85 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.56 0.83 0.00 | 21.99 0.93 0.00 | 24.03 1.21 0.00 | 30.76 1.55 0.00 | 30.87 1.55 0.00 | 28.92 1.43 0.00 | 25.93 1.26 0.00 | 23.96 1.21 0.00 | 22.55 1.05 0.00 | 21.30 0.76 0.00 |
| ATHENS_STG_3 23677 | 20.46 0.79 0.00 | 19.22 0.74 0.00 | 17.34 0.65 0.00 | 16.97 0.64 0.00 | 18.30 0.67 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.16 0.83 0.00 | 21.02 0.85 0.00 | 21.09 0.85 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.56 0.83 0.00 | 21.99 0.93 0.00 | 24.03 1.21 0.00 | 30.76 1.55 0.00 | 30.87 1.55 0.00 | 28.92 1.43 0.00 | 25.93 1.26 0.00 | 23.96 1.21 0.00 | 22.55 1.05 0.00 | 21.30 0.76 0.00 |
| AUBURN___LFGE 323710 | 19.75 0.08 0.00 | 18.53 0.06 0.00 | 16.78 0.08 0.00 | 16.43 0.10 0.00 | 17.77 0.14 0.00 | 18.50 0.20 0.00 | 18.13 0.21 0.00 | 19.10 -0.04 0.00 | 19.16 -0.10 0.00 | 19.35 0.02 0.00 | 20.33 0.16 0.00 | 20.38 0.14 0.00 | 20.18 0.14 0.00 | 20.06 0.12 0.00 | 19.81 0.08 0.00 | 21.25 0.19 0.00 | 23.07 0.25 0.00 | 29.51 0.29 0.00 | 29.64 0.32 0.00 | 27.82 0.33 0.00 | 24.94 0.27 0.00 | 22.98 0.23 0.00 | 21.64 0.15 0.00 | 20.70 0.16 0.00 |
| BABYLON_RES_REC 323704 | 23.16 1.71 -1.78 | 20.10 1.63 0.00 | 18.01 1.32 0.00 | 17.62 1.29 0.00 | 18.99 1.36 0.00 | 19.69 1.39 0.00 | 19.42 1.50 0.00 | 20.53 1.40 0.00 | 20.93 1.67 0.00 | 22.22 1.78 -1.12 | 22.00 1.84 0.00 | 22.13 1.86 -0.02 | 22.64 1.84 -0.76 | 21.78 1.83 0.00 | 21.74 1.85 -0.16 | 24.41 2.04 -1.31 | 32.12 2.47 -6.83 | 37.59 3.19 -5.18 | 39.46 3.23 -6.92 | 34.69 3.02 -4.17 | 30.52 2.61 -3.23 | 26.24 2.48 -1.01 | 24.80 2.26 -1.05 | 22.26 1.73 0.00 |
| BABYLON__69_KV_BK2 356345 | 23.40 1.95 -1.78 | 20.29 1.81 0.00 | 18.16 1.47 0.00 | 17.78 1.45 0.00 | 19.15 1.52 0.00 | 19.87 1.57 0.00 | 19.60 1.68 0.00 | 20.72 1.59 0.00 | 20.82 1.56 0.00 | 22.32 1.87 -1.12 | 22.21 2.04 0.00 | 22.33 2.06 -0.02 | 22.84 2.04 -0.76 | 21.96 2.01 0.00 | 21.94 2.05 -0.16 | 24.56 2.19 -1.31 | 32.37 2.72 -6.83 | 37.94 3.54 -5.18 | 39.81 3.58 -6.92 | 34.99 3.33 -4.17 | 30.79 2.89 -3.23 | 26.46 2.71 -1.01 | 24.84 2.30 -1.05 | 22.49 1.95 0.00 |
| BALL_HILL_WT_PWR 323825 | 19.28 -0.39 0.00 | 18.07 -0.41 0.00 | 16.64 -0.05 0.00 | 16.33 0.00 0.00 | 17.61 -0.02 0.00 | 18.46 0.16 0.00 | 18.05 0.14 0.00 | 18.14 -1.00 0.00 | 18.24 -1.02 0.00 | 18.46 -0.87 0.00 | 19.60 -0.56 0.00 | 19.64 -0.61 0.00 | 19.54 -0.50 0.00 | 19.37 -0.58 0.00 | 19.00 -0.73 0.00 | 20.56 -0.51 0.00 | 22.23 -0.59 0.00 | 28.08 -1.14 0.00 | 28.06 -1.26 0.00 | 26.59 -0.91 0.00 | 23.96 -0.72 0.00 | 22.23 -0.52 0.00 | 21.24 -0.26 0.00 | 20.68 0.14 0.00 |
| BARON_WINDS___WT_PWR 323822 | 20.01 0.33 0.00 | 18.77 0.29 0.00 | 17.09 0.40 0.00 | 16.77 0.44 0.00 | 18.16 0.53 0.00 | 18.97 0.68 0.00 | 18.57 0.66 0.00 | 19.35 0.21 0.00 | 19.53 0.27 0.00 | 19.64 0.31 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.56 0.52 0.00 | 20.40 0.46 0.00 | 20.10 0.37 0.00 | 21.65 0.59 0.00 | 23.64 0.82 0.00 | 30.21 0.99 0.00 | 30.32 1.00 0.00 | 28.51 1.02 0.00 | 25.59 0.91 0.00 | 23.62 0.86 0.00 | 22.33 0.84 0.00 | 21.42 0.88 0.00 |
| BARRETT_IC_1 23704 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_10 23701 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_11 23702 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_12 23703 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_2 23705 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_3 23706 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_4 23707 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |

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| BARRETT_IC_5 23708 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_6 23709 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_7 23710 | 22.96 1.51 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.49 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.41 1.16 0.00 | 21.91 1.47 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.62 0.00 | 21.52 1.64 -0.16 | 24.12 1.75 -1.31 | 31.80 2.15 -6.83 | 37.12 2.72 -5.18 | 38.96 2.73 -6.92 | 34.30 2.64 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.39 1.85 -1.05 | 22.10 1.56 0.00 |
| BARRETT_IC_8 23711 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT_IC_9 23700 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT___1 23545 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BARRETT___2 23546 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.72 1.46 0.00 | 22.01 1.56 -1.12 | 21.78 1.61 0.00 | 21.93 1.66 -0.02 | 22.44 1.64 -0.76 | 21.56 1.61 0.00 | 21.52 1.64 -0.16 | 24.18 1.81 -1.31 | 31.82 2.17 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.33 2.67 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.56 2.02 -1.05 | 22.05 1.52 0.00 |
| BATAVIA__115KV_TB1 55881 | 19.30 -0.37 0.00 | 18.07 -0.41 0.00 | 16.61 -0.08 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.33 0.04 0.00 | 18.02 0.11 0.00 | 18.16 -0.98 0.00 | 18.20 -1.06 0.00 | 18.50 -0.83 0.00 | 19.62 -0.54 0.00 | 19.65 -0.59 0.00 | 19.48 -0.56 0.00 | 19.35 -0.60 0.00 | 19.00 -0.73 0.00 | 20.56 -0.51 0.00 | 22.23 -0.59 0.00 | 28.14 -1.08 0.00 | 28.24 -1.08 0.00 | 26.72 -0.77 0.00 | 24.01 -0.67 0.00 | 22.23 -0.52 0.00 | 21.21 -0.28 0.00 | 20.64 0.10 0.00 |
| BAYONEEC___CTG1 323682 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG10 323750 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG2 323683 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG3 323684 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG4 323685 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG5 323686 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG6 323687 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |

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| BAYONEEC___CTG7 323688 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG8 323689 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BAYONEEC___CTG9 323749 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.64 1.32 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.83 1.29 0.00 |
| BEACON___LESR 323632 | 20.66 0.98 0.00 | 19.42 0.94 0.00 | 17.56 0.87 0.00 | 17.18 0.85 0.00 | 18.51 0.88 0.00 | 19.19 0.90 0.00 | 18.84 0.93 0.00 | 20.02 0.88 0.00 | 20.26 1.00 0.00 | 20.39 1.06 0.00 | 21.14 0.97 0.00 | 21.19 0.95 0.00 | 20.96 0.92 0.00 | 20.82 0.88 0.00 | 20.56 0.83 0.00 | 22.01 0.95 0.00 | 24.03 1.21 0.00 | 30.74 1.52 0.00 | 30.82 1.49 0.00 | 28.84 1.35 0.00 | 25.91 1.23 0.00 | 23.91 1.16 0.00 | 22.50 1.01 0.00 | 21.23 0.70 0.00 |
| BEAVER RIVER___HYD 24048 | 19.20 -0.47 0.00 | 17.98 -0.50 0.00 | 16.22 -0.47 0.00 | 15.86 -0.47 0.00 | 17.16 -0.48 0.00 | 17.80 -0.49 0.00 | 17.34 -0.57 0.00 | 18.73 -0.40 0.00 | 18.76 -0.50 0.00 | 18.88 -0.44 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.66 -0.38 0.00 | 19.63 -0.32 0.00 | 19.41 -0.32 0.00 | 20.79 -0.27 0.00 | 22.57 -0.25 0.00 | 29.10 -0.12 0.00 | 29.23 -0.09 0.00 | 27.36 -0.14 0.00 | 24.57 -0.10 0.00 | 22.52 -0.23 0.00 | 21.21 -0.28 0.00 | 20.35 -0.19 0.00 |
| BEEBEE_GT_13 23619 | 19.22 -0.45 0.00 | 18.01 -0.46 0.00 | 16.46 -0.23 0.00 | 16.12 -0.21 0.00 | 17.42 -0.21 0.00 | 18.17 -0.13 0.00 | 17.82 -0.09 0.00 | 18.33 -0.80 0.00 | 18.39 -0.87 0.00 | 18.63 -0.70 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.56 -0.48 0.00 | 19.45 -0.50 0.00 | 19.12 -0.61 0.00 | 20.62 -0.44 0.00 | 22.27 -0.55 0.00 | 28.28 -0.93 0.00 | 28.38 -0.94 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.25 -0.50 0.00 | 21.15 -0.34 0.00 | 20.37 -0.16 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 21.28 1.59 -0.01 | 19.98 1.50 -0.01 | 17.93 1.24 0.00 | 17.52 1.19 0.00 | 18.92 1.29 0.00 | 19.56 1.26 0.00 | 19.18 1.27 0.00 | 20.30 1.17 0.00 | 20.18 0.92 0.00 | 20.64 1.31 0.00 | 21.66 1.49 0.00 | 21.78 1.54 0.00 | 21.62 1.58 0.00 | 21.52 1.58 0.00 | 21.33 1.60 0.00 | 22.70 1.64 0.00 | 24.90 2.08 0.00 | 32.59 2.69 -0.68 | 56.10 2.73 -24.06 | 84.02 2.58 -53.94 | 26.94 2.27 0.00 | 24.98 2.21 -0.02 | 23.40 1.89 -0.02 | 22.22 1.68 0.00 |
| BETHLEHEM___GRP 23843 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.94 0.64 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.84 0.58 0.00 | 20.02 0.70 0.00 | 20.79 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.57 0.51 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.29 0.80 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 21.97 0.47 0.00 | 20.86 0.33 0.00 |
| BETHLEHEM___GS1 323560 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.92 0.62 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.97 0.71 0.00 | 20.10 0.77 0.00 | 20.80 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.26 0.77 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 22.07 0.58 0.00 | 20.82 0.29 0.00 |
| BETHLEHEM___GS2 323561 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.92 0.62 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.97 0.71 0.00 | 20.10 0.77 0.00 | 20.80 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.26 0.77 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 22.07 0.58 0.00 | 20.82 0.29 0.00 |
| BETHLEHEM___GS3 323562 | 20.38 0.71 0.00 | 19.18 0.70 0.00 | 17.33 0.63 0.00 | 16.97 0.64 0.00 | 18.28 0.65 0.00 | 18.92 0.62 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.97 0.71 0.00 | 20.10 0.77 0.00 | 20.80 0.63 0.00 | 20.87 0.63 0.00 | 20.64 0.60 0.00 | 20.52 0.58 0.00 | 20.20 0.47 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.12 0.91 0.00 | 30.20 0.88 0.00 | 28.26 0.77 0.00 | 25.39 0.72 0.00 | 23.43 0.68 0.00 | 22.07 0.58 0.00 | 20.82 0.29 0.00 |
| BETHLEHEM___STEEL 23779 | 19.20 -0.47 0.00 | 17.98 -0.50 0.00 | 16.58 -0.12 0.00 | 16.26 -0.07 0.00 | 17.54 -0.09 0.00 | 18.31 0.02 0.00 | 17.98 0.07 0.00 | 17.99 -1.15 0.00 | 18.03 -1.23 0.00 | 18.30 -1.02 0.00 | 19.44 -0.73 0.00 | 19.47 -0.77 0.00 | 19.36 -0.68 0.00 | 19.21 -0.74 0.00 | 18.84 -0.89 0.00 | 20.39 -0.67 0.00 | 22.02 -0.80 0.00 | 27.76 -1.46 0.00 | 27.80 -1.52 0.00 | 26.37 -1.13 0.00 | 23.76 -0.91 0.00 | 22.02 -0.73 0.00 | 21.06 -0.43 0.00 | 20.66 0.12 0.00 |
| BETHLHEM_115KV_TB1 79974 | 20.38 0.71 0.00 | 19.16 0.68 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.27 0.63 0.00 | 18.92 0.62 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.82 0.56 0.00 | 20.02 0.70 0.00 | 20.81 0.65 0.00 | 20.89 0.65 0.00 | 20.66 0.62 0.00 | 20.54 0.60 0.00 | 20.24 0.51 0.00 | 21.61 0.55 0.00 | 23.60 0.78 0.00 | 30.18 0.96 0.00 | 30.26 0.94 0.00 | 28.35 0.85 0.00 | 25.44 0.76 0.00 | 23.48 0.73 0.00 | 22.03 0.54 0.00 | 20.92 0.39 0.00 |
| BETHPAGE_CC_5 323564 | 23.12 1.67 -1.78 | 20.03 1.55 0.00 | 17.94 1.25 0.00 | 17.56 1.23 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.34 1.43 0.00 | 20.47 1.34 0.00 | 20.88 1.62 0.00 | 22.16 1.72 -1.12 | 21.94 1.78 0.00 | 22.09 1.82 -0.02 | 22.60 1.80 -0.76 | 21.72 1.77 0.00 | 21.70 1.81 -0.16 | 24.31 1.94 -1.31 | 31.96 2.30 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.08 2.32 -1.01 | 24.69 2.15 -1.05 | 22.16 1.62 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 19.26 -0.41 0.00 | 18.05 -0.42 0.00 | 16.63 -0.07 0.00 | 16.33 0.00 0.00 | 17.61 -0.02 0.00 | 18.39 0.09 0.00 | 18.05 0.14 0.00 | 18.04 -1.09 0.00 | 18.08 -1.17 0.00 | 18.36 -0.97 0.00 | 19.50 -0.67 0.00 | 19.55 -0.69 0.00 | 19.42 -0.62 0.00 | 19.29 -0.66 0.00 | 18.92 -0.81 0.00 | 20.45 -0.61 0.00 | 22.09 -0.73 0.00 | 27.87 -1.34 0.00 | 27.94 -1.38 0.00 | 26.48 -1.02 0.00 | 23.86 -0.81 0.00 | 22.11 -0.64 0.00 | 21.13 -0.37 0.00 | 20.74 0.21 0.00 |

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| BINGHAMTON___COGEN 23790 | 19.93 0.26 0.00 | 18.72 0.24 0.00 | 16.98 0.28 0.00 | 16.62 0.29 0.00 | 17.97 0.34 0.00 | 18.68 0.38 0.00 | 18.31 0.39 0.00 | 19.21 0.08 0.00 | 19.28 0.02 0.00 | 19.48 0.15 0.00 | 20.47 0.30 0.00 | 20.53 0.28 0.00 | 20.34 0.30 0.00 | 20.22 0.28 0.00 | 19.95 0.22 0.00 | 21.40 0.34 0.00 | 23.30 0.48 0.00 | 29.74 0.53 0.00 | 29.85 0.53 0.00 | 28.07 0.58 0.00 | 25.19 0.52 0.00 | 23.25 0.50 0.00 | 21.88 0.39 0.00 | 21.01 0.47 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 19.18 -0.49 0.00 | 17.98 -0.50 0.00 | 16.61 -0.08 0.00 | 16.35 0.02 0.00 | 17.68 0.05 0.00 | 18.52 0.22 0.00 | 18.22 0.30 0.00 | 18.24 -0.90 0.00 | 18.24 -1.02 0.00 | 18.54 -0.79 0.00 | 19.71 -0.46 0.00 | 19.74 -0.51 0.00 | 19.64 -0.40 0.00 | 19.49 -0.46 0.00 | 19.12 -0.61 0.00 | 20.70 -0.36 0.00 | 22.43 -0.39 0.00 | 28.37 -0.85 0.00 | 28.56 -0.76 0.00 | 27.00 -0.49 0.00 | 24.30 -0.37 0.00 | 22.52 -0.23 0.00 | 21.45 -0.04 0.00 | 21.09 0.55 0.00 |
| BLACK RIVER___HYD 24047 | 19.30 -0.37 0.00 | 18.12 -0.35 0.00 | 16.36 -0.33 0.00 | 16.00 -0.33 0.00 | 17.33 -0.30 0.00 | 18.02 -0.27 0.00 | 17.52 -0.39 0.00 | 18.83 -0.31 0.00 | 18.89 -0.37 0.00 | 19.04 -0.29 0.00 | 19.99 -0.18 0.00 | 20.00 -0.24 0.00 | 19.82 -0.22 0.00 | 19.77 -0.18 0.00 | 19.53 -0.20 0.00 | 20.96 -0.10 0.00 | 22.80 -0.02 0.00 | 29.42 0.21 0.00 | 29.56 0.23 0.00 | 27.66 0.17 0.00 | 24.82 0.15 0.00 | 22.75 0.00 0.00 | 21.39 -0.11 0.00 | 20.47 -0.06 0.00 |
| BLACKRVR_115KV_TB2 79977 | 19.30 -0.37 0.00 | 18.13 -0.35 0.00 | 16.36 -0.33 0.00 | 16.00 -0.33 0.00 | 17.33 -0.30 0.00 | 18.00 -0.29 0.00 | 17.52 -0.39 0.00 | 18.83 -0.31 0.00 | 18.87 -0.39 0.00 | 19.04 -0.29 0.00 | 19.99 -0.18 0.00 | 20.00 -0.24 0.00 | 19.82 -0.22 0.00 | 19.77 -0.18 0.00 | 19.53 -0.20 0.00 | 20.98 -0.08 0.00 | 22.80 -0.02 0.00 | 29.42 0.20 0.00 | 29.56 0.23 0.00 | 27.66 0.16 0.00 | 24.82 0.15 0.00 | 22.75 0.00 0.00 | 21.36 -0.13 0.00 | 20.45 -0.08 0.00 |
| BLISS_WT_PWR 323608 | 19.08 -0.59 0.00 | 17.88 -0.59 0.00 | 16.54 -0.15 0.00 | 16.30 -0.03 0.00 | 17.63 0.00 0.00 | 18.55 0.26 0.00 | 18.18 0.27 0.00 | 18.22 -0.92 0.00 | 18.30 -0.96 0.00 | 18.54 -0.79 0.00 | 19.68 -0.48 0.00 | 19.72 -0.53 0.00 | 19.66 -0.38 0.00 | 19.47 -0.48 0.00 | 19.12 -0.61 0.00 | 20.72 -0.34 0.00 | 22.48 -0.34 0.00 | 28.46 -0.76 0.00 | 28.59 -0.73 0.00 | 27.03 -0.47 0.00 | 24.33 -0.35 0.00 | 22.52 -0.23 0.00 | 21.49 0.00 0.00 | 21.03 0.49 0.00 |
| BLUESTONE___WT_PWR 323821 | 20.87 1.20 0.00 | 19.66 1.18 0.00 | 17.79 1.10 0.00 | 17.39 1.06 0.00 | 18.87 1.23 0.00 | 19.67 1.37 0.00 | 19.16 1.25 0.00 | 20.28 1.15 0.00 | 20.45 1.19 0.00 | 20.60 1.28 0.00 | 21.66 1.49 0.00 | 21.68 1.44 0.00 | 21.48 1.44 0.00 | 21.34 1.40 0.00 | 21.07 1.34 0.00 | 22.68 1.62 0.00 | 24.83 2.01 0.00 | 31.94 2.72 0.00 | 32.08 2.76 0.00 | 30.08 2.58 0.00 | 26.97 2.29 0.00 | 24.80 2.05 0.00 | 23.32 1.83 0.00 | 22.28 1.74 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 20.48 0.81 0.00 | 19.25 0.78 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.10 0.77 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.66 0.72 0.00 | 20.42 0.69 0.00 | 21.82 0.76 0.00 | 23.82 1.00 0.00 | 30.50 1.29 0.00 | 30.58 1.26 0.00 | 28.65 1.15 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.27 0.77 0.00 | 21.17 0.64 0.00 |
| BOC_GAS_DRP 24189 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.24 0.55 0.00 | 16.87 0.54 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.67 0.54 0.00 | 19.76 0.50 0.00 | 19.95 0.62 0.00 | 20.81 0.65 0.00 | 20.89 0.65 0.00 | 20.66 0.62 0.00 | 20.56 0.62 0.00 | 20.32 0.59 0.00 | 21.69 0.63 0.00 | 23.69 0.87 0.00 | 30.33 1.11 0.00 | 30.41 1.08 0.00 | 28.48 0.99 0.00 | 25.56 0.89 0.00 | 23.59 0.84 0.00 | 22.14 0.64 0.00 | 21.05 0.51 0.00 |
| BOONVILLE_115KV_TB1 79983 | 19.85 0.18 0.00 | 18.64 0.17 0.00 | 16.83 0.13 0.00 | 16.46 0.13 0.00 | 17.81 0.18 0.00 | 18.50 0.20 0.00 | 18.05 0.14 0.00 | 19.35 0.21 0.00 | 19.41 0.15 0.00 | 19.56 0.23 0.00 | 20.51 0.34 0.00 | 20.53 0.28 0.00 | 20.36 0.32 0.00 | 20.28 0.34 0.00 | 20.04 0.32 0.00 | 21.48 0.42 0.00 | 23.37 0.55 0.00 | 30.04 0.82 0.00 | 30.14 0.82 0.00 | 28.24 0.74 0.00 | 25.34 0.67 0.00 | 23.30 0.55 0.00 | 21.90 0.41 0.00 | 20.95 0.41 0.00 |
| BORALEX_4TH_BRANCH 23824 | 20.72 1.04 0.00 | 19.49 1.02 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.07 0.94 0.00 | 20.15 0.89 0.00 | 20.37 1.04 0.00 | 21.28 1.11 0.00 | 21.38 1.13 0.00 | 21.10 1.06 0.00 | 20.98 1.04 0.00 | 20.81 1.09 0.00 | 22.26 1.20 0.00 | 24.49 1.67 0.00 | 31.38 2.16 0.00 | 31.43 2.11 0.00 | 29.39 1.90 0.00 | 26.38 1.70 0.00 | 24.30 1.55 0.00 | 22.68 1.18 0.00 | 21.54 1.01 0.00 |
| BOWLINE___1 23526 | 20.81 1.14 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.98 0.00 | 20.05 0.92 0.00 | 20.40 1.14 0.00 | 20.53 1.20 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.18 1.24 0.00 | 20.99 1.26 0.00 | 22.47 1.41 0.00 | 24.58 1.76 0.00 | 31.47 2.25 0.00 | 31.61 2.29 0.00 | 29.67 2.17 0.00 | 26.55 1.87 0.00 | 24.55 1.80 0.00 | 23.08 1.59 0.00 | 21.70 1.17 0.00 |
| BOWLINE___2 23595 | 20.81 1.14 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.98 0.00 | 20.05 0.92 0.00 | 20.40 1.14 0.00 | 20.55 1.22 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.20 1.26 0.00 | 20.99 1.26 0.00 | 22.47 1.41 0.00 | 24.58 1.76 0.00 | 31.47 2.25 0.00 | 31.64 2.32 0.00 | 29.67 2.17 0.00 | 26.55 1.87 0.00 | 24.55 1.80 0.00 | 23.08 1.59 0.00 | 21.70 1.17 0.00 |
| BRADY___115KV_TB2 356060 | 19.26 -0.41 0.00 | 18.11 -0.37 0.00 | 16.31 -0.38 0.00 | 15.95 -0.38 0.00 | 17.21 -0.42 0.00 | 17.82 -0.48 0.00 | 17.30 -0.61 0.00 | 19.02 -0.11 0.00 | 19.18 -0.08 0.00 | 19.04 -0.29 0.00 | 19.73 -0.44 0.00 | 19.78 -0.47 0.00 | 19.60 -0.44 0.00 | 19.59 -0.36 0.00 | 19.39 -0.34 0.00 | 20.60 -0.46 0.00 | 22.16 -0.66 0.00 | 28.55 -0.67 0.00 | 28.68 -0.65 0.00 | 26.83 -0.66 0.00 | 24.16 -0.52 0.00 | 22.16 -0.59 0.00 | 21.13 -0.37 0.00 | 20.33 -0.21 0.00 |
| BRANSCOMB___SOLAR 323811 | 20.58 0.91 0.00 | 19.36 0.89 0.00 | 17.49 0.80 0.00 | 17.10 0.77 0.00 | 18.46 0.83 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.94 0.80 0.00 | 20.16 0.91 0.00 | 20.29 0.97 0.00 | 21.18 1.01 0.00 | 21.27 1.03 0.00 | 21.00 0.96 0.00 | 20.86 0.92 0.00 | 20.70 0.97 0.00 | 22.22 1.16 0.00 | 24.35 1.53 0.00 | 31.21 1.99 0.00 | 31.26 1.93 0.00 | 29.26 1.76 0.00 | 26.28 1.60 0.00 | 24.21 1.46 0.00 | 22.72 1.22 0.00 | 21.50 0.97 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 23.30 1.85 -1.78 | 20.21 1.74 0.00 | 18.09 1.40 0.00 | 17.72 1.39 0.00 | 19.08 1.45 0.00 | 19.80 1.50 0.00 | 19.52 1.61 0.00 | 20.65 1.51 0.00 | 20.74 1.48 0.00 | 22.24 1.80 -1.12 | 22.11 1.94 0.00 | 22.23 1.96 -0.02 | 22.74 1.94 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.45 2.09 -1.31 | 32.23 2.58 -6.83 | 37.73 3.33 -5.18 | 39.61 3.37 -6.92 | 34.80 3.13 -4.17 | 30.64 2.74 -3.23 | 26.33 2.57 -1.01 | 24.71 2.17 -1.05 | 22.38 1.85 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BRISTLHL_115KV_TB1 79998 | 19.36 -0.31 0.00 | 18.16 -0.31 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.08 -0.22 0.00 | 17.71 -0.20 0.00 | 18.68 -0.46 0.00 | 18.76 -0.50 0.00 | 18.92 -0.41 0.00 | 19.85 -0.32 0.00 | 19.92 -0.32 0.00 | 19.72 -0.32 0.00 | 19.61 -0.34 0.00 | 19.35 -0.37 0.00 | 20.74 -0.32 0.00 | 22.46 -0.37 0.00 | 28.69 -0.53 0.00 | 28.79 -0.53 0.00 | 27.03 -0.47 0.00 | 24.25 -0.42 0.00 | 22.34 -0.41 0.00 | 21.09 -0.41 0.00 | 20.17 -0.37 0.00 |
| BROOKHAVEN___DRP 24191 | 23.36 1.91 -1.78 | 20.27 1.79 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.13 1.50 0.00 | 19.83 1.54 0.00 | 19.58 1.67 0.00 | 20.69 1.55 0.00 | 20.78 1.52 0.00 | 22.26 1.82 -1.12 | 22.09 1.92 0.00 | 22.17 1.90 -0.02 | 22.64 1.84 -0.76 | 21.80 1.85 0.00 | 21.78 1.89 -0.16 | 24.35 1.98 -1.31 | 32.16 2.51 -6.83 | 37.76 3.36 -5.18 | 39.52 3.28 -6.92 | 34.66 3.00 -4.17 | 30.47 2.57 -3.23 | 26.19 2.43 -1.01 | 24.54 2.00 -1.05 | 22.24 1.70 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.95 1.04 0.00 | 20.15 1.01 0.00 | 20.49 1.23 0.00 | 20.66 1.33 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.62 1.56 0.00 | 24.74 1.92 0.00 | 31.67 2.45 0.00 | 31.87 2.55 0.00 | 29.91 2.42 0.00 | 26.75 2.07 0.00 | 24.73 1.98 0.00 | 23.30 1.81 0.00 | 21.85 1.32 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 23.12 1.67 -1.78 | 20.01 1.53 0.00 | 17.94 1.25 0.00 | 17.55 1.22 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.33 1.42 0.00 | 20.48 1.34 0.00 | 20.57 1.31 0.00 | 22.05 1.60 -1.12 | 21.94 1.77 0.00 | 22.09 1.82 -0.02 | 22.62 1.82 -0.76 | 21.72 1.78 0.00 | 21.68 1.80 -0.16 | 24.29 1.92 -1.31 | 32.00 2.35 -6.83 | 37.44 3.04 -5.18 | 39.35 3.11 -6.92 | 34.58 2.91 -4.17 | 30.45 2.54 -3.23 | 26.17 2.41 -1.01 | 24.56 2.02 -1.05 | 22.24 1.70 0.00 |
| BROOME_2_LFGE 323671 | 19.95 0.28 0.00 | 18.72 0.24 0.00 | 16.98 0.28 0.00 | 16.62 0.29 0.00 | 17.97 0.33 0.00 | 18.70 0.40 0.00 | 18.31 0.39 0.00 | 19.21 0.08 0.00 | 19.39 0.14 0.00 | 19.52 0.19 0.00 | 20.47 0.30 0.00 | 20.53 0.28 0.00 | 20.34 0.30 0.00 | 20.22 0.28 0.00 | 19.95 0.22 0.00 | 21.40 0.34 0.00 | 23.30 0.48 0.00 | 29.77 0.55 0.00 | 29.85 0.53 0.00 | 28.07 0.58 0.00 | 25.19 0.52 0.00 | 23.25 0.50 0.00 | 21.97 0.47 0.00 | 21.01 0.47 0.00 |
| BROOME___LFGE 323600 | 19.95 0.28 0.00 | 18.72 0.24 0.00 | 16.98 0.28 0.00 | 16.62 0.29 0.00 | 17.97 0.33 0.00 | 18.70 0.40 0.00 | 18.31 0.39 0.00 | 19.21 0.08 0.00 | 19.39 0.14 0.00 | 19.52 0.19 0.00 | 20.47 0.30 0.00 | 20.53 0.28 0.00 | 20.34 0.30 0.00 | 20.22 0.28 0.00 | 19.95 0.22 0.00 | 21.40 0.34 0.00 | 23.30 0.48 0.00 | 29.77 0.55 0.00 | 29.85 0.53 0.00 | 28.07 0.58 0.00 | 25.19 0.52 0.00 | 23.25 0.50 0.00 | 21.97 0.47 0.00 | 21.01 0.47 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 18.99 -0.69 0.00 | 17.81 -0.67 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.55 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.55 0.00 | 18.68 -0.58 0.00 | 18.69 -0.64 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.91 -0.58 0.00 | 20.10 -0.43 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 21.11 1.44 0.00 | 19.83 1.35 0.00 | 17.81 1.12 0.00 | 17.41 1.08 0.00 | 18.80 1.16 0.00 | 19.45 1.15 0.00 | 19.11 1.20 0.00 | 20.32 1.19 0.00 | 20.32 1.06 0.00 | 20.72 1.39 0.00 | 21.72 1.55 0.00 | 21.84 1.60 0.00 | 21.66 1.62 0.00 | 21.56 1.62 0.00 | 21.37 1.64 0.00 | 22.77 1.71 0.00 | 24.94 2.12 0.00 | 31.96 2.75 0.00 | 32.14 2.81 0.00 | 30.19 2.69 0.00 | 26.99 2.32 0.00 | 24.96 2.21 0.00 | 23.30 1.81 0.00 | 22.10 1.56 0.00 |
| BURROWS___LYONSDAL 23803 | 19.69 0.02 0.00 | 18.48 0.00 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.33 0.04 0.00 | 17.89 -0.02 0.00 | 19.19 0.06 0.00 | 19.26 0.00 0.00 | 19.41 0.08 0.00 | 20.33 0.16 0.00 | 20.36 0.12 0.00 | 20.20 0.16 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.31 0.25 0.00 | 23.21 0.39 0.00 | 29.83 0.61 0.00 | 29.97 0.65 0.00 | 28.04 0.55 0.00 | 25.19 0.52 0.00 | 23.14 0.39 0.00 | 21.75 0.26 0.00 | 20.82 0.29 0.00 |
| CAITHNESS_CC_1 323624 | 23.28 1.83 -1.78 | 20.21 1.74 0.00 | 18.09 1.40 0.00 | 17.70 1.37 0.00 | 19.08 1.45 0.00 | 19.78 1.48 0.00 | 19.52 1.61 0.00 | 20.65 1.51 0.00 | 21.05 1.79 0.00 | 22.30 1.86 -1.12 | 22.02 1.85 0.00 | 22.13 1.86 -0.02 | 22.60 1.80 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.37 2.00 -1.31 | 32.12 2.47 -6.83 | 37.67 3.27 -5.18 | 39.43 3.20 -6.92 | 34.61 2.94 -4.17 | 30.45 2.54 -3.23 | 26.17 2.41 -1.01 | 24.69 2.15 -1.05 | 22.18 1.64 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 23.12 1.67 -1.78 | 20.01 1.53 0.00 | 17.94 1.25 0.00 | 17.55 1.22 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.33 1.42 0.00 | 20.48 1.34 0.00 | 20.57 1.31 0.00 | 22.07 1.62 -1.12 | 21.94 1.77 0.00 | 22.09 1.82 -0.02 | 22.60 1.80 -0.76 | 21.72 1.78 0.00 | 21.68 1.80 -0.16 | 24.22 1.85 -1.31 | 31.84 2.19 -6.83 | 37.23 2.83 -5.18 | 39.14 2.90 -6.92 | 34.36 2.69 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.45 1.91 -1.05 | 22.14 1.60 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 23.12 1.67 -1.78 | 20.01 1.53 0.00 | 17.94 1.25 0.00 | 17.56 1.23 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.33 1.41 0.00 | 20.47 1.34 0.00 | 20.88 1.62 0.00 | 22.16 1.72 -1.12 | 21.94 1.78 0.00 | 22.09 1.82 -0.02 | 22.60 1.80 -0.76 | 21.72 1.77 0.00 | 21.68 1.80 -0.16 | 24.28 1.92 -1.31 | 31.84 2.19 -6.83 | 37.23 2.83 -5.18 | 39.14 2.90 -6.92 | 34.39 2.72 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.63 2.08 -1.05 | 22.09 1.56 0.00 |
| CALPINE_BP_GT1 23823 | 23.12 1.67 -1.78 | 20.01 1.53 0.00 | 17.94 1.25 0.00 | 17.56 1.23 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.33 1.41 0.00 | 20.47 1.34 0.00 | 20.88 1.62 0.00 | 22.16 1.72 -1.12 | 21.94 1.78 0.00 | 22.09 1.82 -0.02 | 22.60 1.80 -0.76 | 21.72 1.77 0.00 | 21.68 1.80 -0.16 | 24.28 1.92 -1.31 | 31.84 2.19 -6.83 | 37.23 2.83 -5.18 | 39.14 2.90 -6.92 | 34.39 2.72 -4.17 | 30.27 2.37 -3.23 | 25.99 2.23 -1.01 | 24.63 2.08 -1.05 | 22.09 1.56 0.00 |
| CALSPAN___DRP 24200 | 19.20 -0.47 0.00 | 17.98 -0.50 0.00 | 16.58 -0.12 0.00 | 16.26 -0.07 0.00 | 17.54 -0.09 0.00 | 18.31 0.02 0.00 | 17.98 0.07 0.00 | 17.99 -1.15 0.00 | 18.03 -1.23 0.00 | 18.30 -1.02 0.00 | 19.44 -0.73 0.00 | 19.47 -0.77 0.00 | 19.36 -0.68 0.00 | 19.21 -0.74 0.00 | 18.84 -0.89 0.00 | 20.39 -0.67 0.00 | 22.02 -0.80 0.00 | 27.76 -1.46 0.00 | 27.80 -1.52 0.00 | 26.37 -1.13 0.00 | 23.76 -0.91 0.00 | 22.02 -0.73 0.00 | 21.06 -0.43 0.00 | 20.66 0.12 0.00 |

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| CALVERTON___SOLAR 323806 | 23.44 1.99 -1.78 | 20.34 1.87 0.00 | 18.20 1.50 0.00 | 17.82 1.49 0.00 | 19.18 1.55 0.00 | 19.91 1.61 0.00 | 19.65 1.74 0.00 | 20.76 1.63 0.00 | 21.17 1.91 0.00 | 22.44 1.99 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.70 1.90 -0.76 | 21.84 1.90 0.00 | 21.82 1.93 -0.16 | 24.45 2.09 -1.31 | 32.25 2.60 -6.83 | 37.88 3.48 -5.18 | 39.61 3.37 -6.92 | 34.74 3.08 -4.17 | 30.52 2.61 -3.23 | 26.26 2.50 -1.01 | 24.78 2.24 -1.05 | 22.26 1.73 0.00 |
| CANDIGU_WT_PWR 323617 | 20.01 0.33 0.00 | 18.77 0.29 0.00 | 17.09 0.40 0.00 | 16.77 0.44 0.00 | 18.16 0.53 0.00 | 18.97 0.68 0.00 | 18.57 0.66 0.00 | 19.35 0.21 0.00 | 19.53 0.27 0.00 | 19.64 0.31 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.56 0.52 0.00 | 20.40 0.46 0.00 | 20.10 0.37 0.00 | 21.65 0.59 0.00 | 23.64 0.82 0.00 | 30.21 0.99 0.00 | 30.32 1.00 0.00 | 28.51 1.02 0.00 | 25.59 0.91 0.00 | 23.62 0.86 0.00 | 22.33 0.84 0.00 | 21.42 0.88 0.00 |
| CARR STREET_E_SYR 24060 | 19.52 -0.16 0.00 | 18.31 -0.17 0.00 | 16.59 -0.10 0.00 | 16.23 -0.10 0.00 | 17.54 -0.09 0.00 | 18.26 -0.04 0.00 | 17.88 -0.04 0.00 | 18.83 -0.31 0.00 | 18.97 -0.29 0.00 | 19.10 -0.23 0.00 | 20.03 -0.14 0.00 | 20.08 -0.16 0.00 | 19.90 -0.14 0.00 | 19.77 -0.18 0.00 | 19.53 -0.20 0.00 | 20.89 -0.17 0.00 | 22.66 -0.16 0.00 | 28.95 -0.26 0.00 | 29.06 -0.26 0.00 | 27.27 -0.22 0.00 | 24.47 -0.20 0.00 | 22.57 -0.18 0.00 | 21.32 -0.17 0.00 | 20.39 -0.14 0.00 |
| CARTHAGE___PAPER 23857 | 19.18 -0.49 0.00 | 18.00 -0.48 0.00 | 16.22 -0.47 0.00 | 15.87 -0.46 0.00 | 17.17 -0.46 0.00 | 17.84 -0.46 0.00 | 17.36 -0.56 0.00 | 18.73 -0.40 0.00 | 18.78 -0.48 0.00 | 18.90 -0.43 0.00 | 19.83 -0.34 0.00 | 19.84 -0.40 0.00 | 19.68 -0.36 0.00 | 19.63 -0.32 0.00 | 19.41 -0.32 0.00 | 20.81 -0.25 0.00 | 22.61 -0.21 0.00 | 29.19 -0.03 0.00 | 29.32 0.00 0.00 | 27.44 -0.05 0.00 | 24.62 -0.05 0.00 | 22.57 -0.18 0.00 | 21.21 -0.28 0.00 | 20.33 -0.21 0.00 |
| CASSADAGA_WT_PWR 323784 | 19.56 -0.12 0.00 | 18.27 -0.20 0.00 | 16.81 0.12 0.00 | 16.54 0.21 0.00 | 17.86 0.23 0.00 | 18.72 0.42 0.00 | 18.38 0.46 0.00 | 18.48 -0.65 0.00 | 18.60 -0.65 0.00 | 18.85 -0.48 0.00 | 20.03 -0.14 0.00 | 20.06 -0.18 0.00 | 20.00 -0.04 0.00 | 19.78 -0.16 0.00 | 19.39 -0.34 0.00 | 21.02 -0.04 0.00 | 22.73 -0.09 0.00 | 28.78 -0.44 0.00 | 28.76 -0.56 0.00 | 27.22 -0.27 0.00 | 24.53 -0.15 0.00 | 22.73 -0.02 0.00 | 21.69 0.19 0.00 | 21.09 0.55 0.00 |
| CE_DUNWOOD___DRP 24194 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| CE_MILLWOOD___DRP 24193 | 20.80 1.12 0.00 | 19.53 1.05 0.00 | 17.58 0.88 0.00 | 17.20 0.87 0.00 | 18.55 0.92 0.00 | 19.21 0.91 0.00 | 18.88 0.97 0.00 | 20.03 0.90 0.00 | 20.11 0.85 0.00 | 20.41 1.08 0.00 | 21.40 1.23 0.00 | 21.50 1.25 0.00 | 21.28 1.24 0.00 | 21.16 1.22 0.00 | 20.97 1.24 0.00 | 22.39 1.33 0.00 | 24.53 1.71 0.00 | 31.44 2.22 0.00 | 31.58 2.26 0.00 | 29.64 2.14 0.00 | 26.52 1.85 0.00 | 24.53 1.77 0.00 | 22.89 1.40 0.00 | 21.73 1.19 0.00 |
| CE_NYC2_DRP 24202 | 21.06 1.38 -0.01 | 19.78 1.29 -0.01 | 17.79 1.10 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.11 0.85 0.00 | 20.53 1.20 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.19 1.46 0.00 | 22.56 1.50 0.00 | 24.71 1.89 0.00 | 31.77 2.45 -0.10 | 35.25 2.49 -3.43 | 37.53 2.34 -7.70 | 26.72 2.05 0.00 | 24.76 2.00 0.00 | 23.17 1.68 0.00 | 22.03 1.50 0.00 |
| CE_NYC_DRP 24195 | 20.93 1.26 0.00 | 19.66 1.18 0.00 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.89 2.39 0.00 | 26.72 2.05 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| CHAFFEE___LFGE 323603 | 19.22 -0.45 0.00 | 18.00 -0.48 0.00 | 16.58 -0.12 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.41 0.11 0.00 | 18.00 0.09 0.00 | 18.01 -1.13 0.00 | 18.07 -1.19 0.00 | 18.30 -1.03 0.00 | 19.46 -0.71 0.00 | 19.49 -0.75 0.00 | 19.40 -0.64 0.00 | 19.23 -0.72 0.00 | 18.86 -0.87 0.00 | 20.43 -0.63 0.00 | 22.07 -0.75 0.00 | 27.87 -1.34 0.00 | 27.89 -1.44 0.00 | 26.39 -1.10 0.00 | 23.79 -0.89 0.00 | 22.05 -0.71 0.00 | 21.08 -0.41 0.00 | 20.58 0.04 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 19.16 -0.51 0.00 | 17.94 -0.54 0.00 | 16.14 -0.55 0.00 | 15.73 -0.60 0.00 | 16.93 -0.71 0.00 | 17.58 -0.71 0.00 | 16.87 -1.04 0.00 | 18.50 -0.63 0.00 | 18.68 -0.58 0.00 | 18.54 -0.79 0.00 | 19.20 -0.97 0.00 | 19.29 -0.95 0.00 | 19.22 -0.82 0.00 | 19.25 -0.70 0.00 | 19.08 -0.65 0.00 | 20.26 -0.80 0.00 | 21.98 -0.84 0.00 | 28.37 -0.85 0.00 | 28.56 -0.76 0.00 | 26.81 -0.69 0.00 | 24.13 -0.54 0.00 | 22.11 -0.64 0.00 | 21.15 -0.34 0.00 | 20.56 0.02 0.00 |
| CHATEAUG_WT_PWR 323614 | 19.14 -0.53 0.00 | 17.90 -0.57 0.00 | 16.11 -0.58 0.00 | 15.71 -0.62 0.00 | 16.91 -0.72 0.00 | 17.54 -0.75 0.00 | 16.82 -1.09 0.00 | 18.43 -0.71 0.00 | 18.39 -0.87 0.00 | 18.40 -0.93 0.00 | 19.16 -1.01 0.00 | 19.25 -0.99 0.00 | 19.16 -0.88 0.00 | 19.19 -0.76 0.00 | 19.04 -0.69 0.00 | 20.20 -0.86 0.00 | 21.91 -0.91 0.00 | 28.28 -0.94 0.00 | 28.47 -0.85 0.00 | 26.73 -0.77 0.00 | 24.03 -0.64 0.00 | 22.05 -0.71 0.00 | 20.93 -0.56 0.00 | 20.51 -0.02 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 19.16 -0.51 0.00 | 17.94 -0.54 0.00 | 16.14 -0.55 0.00 | 15.73 -0.60 0.00 | 16.93 -0.71 0.00 | 17.58 -0.71 0.00 | 16.87 -1.04 0.00 | 18.50 -0.63 0.00 | 18.68 -0.58 0.00 | 18.54 -0.79 0.00 | 19.20 -0.97 0.00 | 19.29 -0.95 0.00 | 19.22 -0.82 0.00 | 19.25 -0.70 0.00 | 19.08 -0.65 0.00 | 20.26 -0.80 0.00 | 21.98 -0.84 0.00 | 28.37 -0.85 0.00 | 28.56 -0.76 0.00 | 26.81 -0.69 0.00 | 24.13 -0.54 0.00 | 22.11 -0.64 0.00 | 21.15 -0.34 0.00 | 20.56 0.02 0.00 |
| CHAUTAUQUA___LFGE 323629 | 19.38 -0.29 0.00 | 18.12 -0.35 0.00 | 16.69 0.00 0.00 | 16.40 0.07 0.00 | 17.70 0.07 0.00 | 18.55 0.26 0.00 | 18.16 0.25 0.00 | 18.24 -0.90 0.00 | 18.34 -0.92 0.00 | 18.57 -0.75 0.00 | 19.74 -0.42 0.00 | 19.78 -0.46 0.00 | 19.68 -0.36 0.00 | 19.51 -0.44 0.00 | 19.12 -0.61 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.31 -0.91 0.00 | 28.29 -1.03 0.00 | 26.81 -0.69 0.00 | 24.13 -0.54 0.00 | 22.39 -0.36 0.00 | 21.37 -0.13 0.00 | 20.80 0.27 0.00 |
| CHERRYST_13_KV_LD 356241 | 20.97 1.30 0.00 | 19.70 1.22 0.00 | 17.71 1.02 0.00 | 17.31 0.98 0.00 | 18.67 1.04 0.00 | 19.32 1.02 0.00 | 19.00 1.09 0.00 | 20.21 1.07 0.00 | 20.20 0.94 0.00 | 20.60 1.28 0.00 | 21.60 1.43 0.00 | 21.70 1.46 0.00 | 21.52 1.48 0.00 | 21.40 1.46 0.00 | 21.23 1.50 0.00 | 22.60 1.54 0.00 | 24.78 1.96 0.00 | 31.76 2.54 0.00 | 31.93 2.61 0.00 | 29.94 2.45 0.00 | 26.80 2.12 0.00 | 24.78 2.02 0.00 | 23.13 1.63 0.00 | 21.93 1.40 0.00 |

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| CHESTROR_138KV_BK263 355645 | 20.54 0.87 0.00 | 19.27 0.79 0.00 | 17.36 0.67 0.00 | 16.98 0.65 0.00 | 18.34 0.71 0.00 | 18.99 0.70 0.00 | 18.65 0.73 0.00 | 19.79 0.65 0.00 | 19.86 0.60 0.00 | 20.14 0.81 0.00 | 21.10 0.93 0.00 | 21.17 0.93 0.00 | 20.96 0.92 0.00 | 20.86 0.92 0.00 | 20.66 0.93 0.00 | 22.07 1.01 0.00 | 24.19 1.37 0.00 | 30.97 1.75 0.00 | 31.08 1.76 0.00 | 29.14 1.65 0.00 | 26.13 1.46 0.00 | 24.16 1.41 0.00 | 22.59 1.10 0.00 | 21.46 0.92 0.00 |
| CH_MIDHUDSON___DRP 24192 | 20.80 1.12 0.00 | 19.51 1.03 0.00 | 17.58 0.88 0.00 | 17.20 0.87 0.00 | 18.55 0.92 0.00 | 19.23 0.93 0.00 | 18.88 0.97 0.00 | 20.03 0.90 0.00 | 20.09 0.83 0.00 | 20.37 1.04 0.00 | 21.34 1.17 0.00 | 21.44 1.19 0.00 | 21.22 1.18 0.00 | 21.10 1.16 0.00 | 20.91 1.18 0.00 | 22.35 1.28 0.00 | 24.53 1.71 0.00 | 31.44 2.22 0.00 | 31.55 2.23 0.00 | 29.58 2.09 0.00 | 26.50 1.83 0.00 | 24.48 1.73 0.00 | 22.87 1.38 0.00 | 21.71 1.17 0.00 |
| CH_MISC_IPPS 23765 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.26 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.38 1.12 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.47 1.41 0.00 | 24.62 1.80 0.00 | 31.56 2.34 0.00 | 31.70 2.37 0.00 | 29.72 2.23 0.00 | 26.60 1.93 0.00 | 24.57 1.82 0.00 | 23.11 1.61 0.00 | 21.75 1.21 0.00 |
| CH_RES_BVR_FALLS 23983 | 19.16 -0.51 0.00 | 17.98 -0.50 0.00 | 16.21 -0.48 0.00 | 15.86 -0.47 0.00 | 17.14 -0.49 0.00 | 17.80 -0.49 0.00 | 17.39 -0.52 0.00 | 18.79 -0.34 0.00 | 18.84 -0.42 0.00 | 18.86 -0.46 0.00 | 19.67 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.49 -0.46 0.00 | 19.31 -0.42 0.00 | 20.60 -0.46 0.00 | 22.27 -0.55 0.00 | 28.57 -0.64 0.00 | 28.74 -0.59 0.00 | 26.92 -0.58 0.00 | 24.18 -0.49 0.00 | 22.27 -0.48 0.00 | 21.06 -0.43 0.00 | 20.27 -0.27 0.00 |
| CH_RES_NIAGARA 23895 | 18.44 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.73 -0.60 0.00 | 16.94 -0.69 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.35 -1.91 0.00 | 17.57 -1.76 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.60 -1.44 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.57 -1.49 0.00 | 21.09 -1.74 0.00 | 26.53 -2.69 0.00 | 26.51 -2.82 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.18 -1.31 0.00 | 19.67 -0.86 0.00 |
| CH_RES_SYRACUSE 23985 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.37 0.07 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.10 -0.15 0.00 | 19.21 -0.12 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.02 -0.04 0.00 | 22.80 -0.02 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.47 -0.02 0.00 | 20.51 -0.02 0.00 |
| CLINTON_WT_PWR 323605 | 19.14 -0.53 0.00 | 17.90 -0.57 0.00 | 16.11 -0.58 0.00 | 15.71 -0.62 0.00 | 16.91 -0.72 0.00 | 17.54 -0.75 0.00 | 16.82 -1.09 0.00 | 18.43 -0.71 0.00 | 18.39 -0.87 0.00 | 18.40 -0.93 0.00 | 19.16 -1.01 0.00 | 19.25 -0.99 0.00 | 19.16 -0.88 0.00 | 19.19 -0.76 0.00 | 19.04 -0.69 0.00 | 20.20 -0.86 0.00 | 21.91 -0.91 0.00 | 28.28 -0.94 0.00 | 28.47 -0.85 0.00 | 26.73 -0.77 0.00 | 24.03 -0.64 0.00 | 22.05 -0.71 0.00 | 20.93 -0.56 0.00 | 20.51 -0.02 0.00 |
| CLINTON___LFGE 323618 | 19.42 -0.26 0.00 | 18.18 -0.30 0.00 | 16.34 -0.35 0.00 | 15.94 -0.39 0.00 | 17.16 -0.48 0.00 | 17.82 -0.48 0.00 | 17.00 -0.91 0.00 | 18.64 -0.50 0.00 | 18.58 -0.67 0.00 | 18.59 -0.73 0.00 | 19.36 -0.81 0.00 | 19.43 -0.81 0.00 | 19.40 -0.64 0.00 | 19.43 -0.52 0.00 | 19.28 -0.45 0.00 | 20.43 -0.63 0.00 | 22.25 -0.57 0.00 | 28.75 -0.47 0.00 | 28.94 -0.38 0.00 | 27.14 -0.36 0.00 | 24.47 -0.20 0.00 | 22.39 -0.36 0.00 | 21.21 -0.28 0.00 | 20.88 0.35 0.00 |
| COBBLENY_34_KV_TB1 80064 | 19.22 -0.45 0.00 | 18.00 -0.48 0.00 | 16.58 -0.12 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.33 0.04 0.00 | 18.00 0.09 0.00 | 18.01 -1.13 0.00 | 18.03 -1.23 0.00 | 18.30 -1.02 0.00 | 19.46 -0.71 0.00 | 19.49 -0.75 0.00 | 19.38 -0.66 0.00 | 19.23 -0.72 0.00 | 18.86 -0.87 0.00 | 20.41 -0.65 0.00 | 22.04 -0.78 0.00 | 27.82 -1.40 0.00 | 27.89 -1.44 0.00 | 26.39 -1.10 0.00 | 23.78 -0.89 0.00 | 22.05 -0.71 0.00 | 21.06 -0.43 0.00 | 20.68 0.14 0.00 |
| COFFEEN___115KV_TB3 355620 | 19.42 -0.26 0.00 | 18.24 -0.24 0.00 | 16.46 -0.23 0.00 | 16.10 -0.23 0.00 | 17.46 -0.18 0.00 | 18.13 -0.16 0.00 | 17.64 -0.27 0.00 | 18.94 -0.19 0.00 | 18.99 -0.27 0.00 | 19.17 -0.15 0.00 | 20.13 -0.04 0.00 | 20.12 -0.12 0.00 | 19.94 -0.10 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.12 0.06 0.00 | 23.00 0.18 0.00 | 29.68 0.47 0.00 | 29.82 0.50 0.00 | 27.91 0.41 0.00 | 25.04 0.37 0.00 | 22.93 0.18 0.00 | 21.51 0.02 0.00 | 20.60 0.06 0.00 |
| COLDSPRG_115KV_BK1 355956 | 19.81 0.14 0.00 | 18.53 0.06 0.00 | 17.06 0.37 0.00 | 16.77 0.44 0.00 | 18.11 0.48 0.00 | 18.88 0.59 0.00 | 18.56 0.64 0.00 | 18.68 -0.46 0.00 | 18.70 -0.56 0.00 | 19.00 -0.33 0.00 | 20.21 0.04 0.00 | 20.24 0.00 0.00 | 20.12 0.08 0.00 | 19.97 0.02 0.00 | 19.57 -0.16 0.00 | 21.15 0.08 0.00 | 22.91 0.09 0.00 | 28.98 -0.23 0.00 | 29.06 -0.26 0.00 | 27.49 0.00 0.00 | 24.75 0.07 0.00 | 22.96 0.20 0.00 | 21.82 0.32 0.00 | 21.40 0.86 0.00 |
| COLONIE_LFGE___ 323577 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.39 0.76 0.00 | 19.03 0.73 0.00 | 18.70 0.79 0.00 | 19.86 0.73 0.00 | 20.11 0.85 0.00 | 20.24 0.91 0.00 | 21.06 0.89 0.00 | 21.13 0.89 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 22.03 0.97 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 30.93 1.61 0.00 | 28.98 1.48 0.00 | 26.00 1.33 0.00 | 23.98 1.23 0.00 | 22.53 1.03 0.00 | 21.30 0.76 0.00 |
| COOPERNY_115KV_TB1 80082 | 20.34 0.67 0.00 | 19.10 0.63 0.00 | 17.21 0.52 0.00 | 16.84 0.51 0.00 | 18.18 0.55 0.00 | 18.84 0.55 0.00 | 18.48 0.57 0.00 | 19.63 0.50 0.00 | 19.72 0.46 0.00 | 19.97 0.64 0.00 | 20.90 0.73 0.00 | 20.99 0.75 0.00 | 20.76 0.72 0.00 | 20.66 0.72 0.00 | 20.46 0.73 0.00 | 21.86 0.80 0.00 | 23.89 1.07 0.00 | 30.59 1.37 0.00 | 30.70 1.38 0.00 | 28.81 1.32 0.00 | 25.81 1.13 0.00 | 23.87 1.11 0.00 | 22.35 0.86 0.00 | 21.27 0.74 0.00 |
| COPENHAGEN_WT_PWR 323753 | 19.30 -0.37 0.00 | 18.12 -0.35 0.00 | 16.36 -0.33 0.00 | 16.00 -0.33 0.00 | 17.33 -0.30 0.00 | 18.02 -0.27 0.00 | 17.53 -0.38 0.00 | 18.81 -0.33 0.00 | 18.87 -0.39 0.00 | 19.04 -0.29 0.00 | 19.99 -0.18 0.00 | 19.98 -0.26 0.00 | 19.82 -0.22 0.00 | 19.75 -0.20 0.00 | 19.51 -0.22 0.00 | 20.94 -0.13 0.00 | 22.78 -0.05 0.00 | 29.36 0.15 0.00 | 29.50 0.18 0.00 | 27.61 0.11 0.00 | 24.77 0.10 0.00 | 22.71 -0.05 0.00 | 21.37 -0.13 0.00 | 20.43 -0.10 0.00 |
| CORNELL_____ 23752 | 20.15 0.47 0.00 | 18.90 0.42 0.00 | 17.13 0.43 0.00 | 16.77 0.44 0.00 | 18.14 0.51 0.00 | 18.88 0.59 0.00 | 18.50 0.59 0.00 | 19.50 0.36 0.00 | 19.55 0.29 0.00 | 19.70 0.37 0.00 | 20.69 0.52 0.00 | 20.77 0.53 0.00 | 20.56 0.52 0.00 | 20.44 0.50 0.00 | 20.18 0.45 0.00 | 21.67 0.61 0.00 | 23.62 0.80 0.00 | 30.27 1.05 0.00 | 30.38 1.06 0.00 | 28.54 1.04 0.00 | 25.59 0.91 0.00 | 23.55 0.80 0.00 | 22.16 0.67 0.00 | 21.21 0.68 0.00 |

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| CORONA_69_KV_TB1 355595 | 23.04 1.59 -1.78 | 19.94 1.46 0.00 | 17.88 1.19 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.25 1.34 0.00 | 20.40 1.26 0.00 | 20.49 1.23 0.00 | 21.97 1.53 -1.12 | 21.86 1.69 0.00 | 22.01 1.74 -0.02 | 22.52 1.72 -0.76 | 21.64 1.70 0.00 | 21.60 1.72 -0.16 | 24.20 1.83 -1.31 | 31.93 2.28 -6.83 | 37.32 2.92 -5.18 | 39.23 2.99 -6.92 | 34.50 2.83 -4.17 | 30.40 2.49 -3.23 | 26.10 2.34 -1.01 | 24.50 1.96 -1.05 | 22.18 1.64 0.00 |
| CORTLAND_115KV_TB3 80093 | 19.99 0.31 0.00 | 18.75 0.28 0.00 | 16.99 0.30 0.00 | 16.62 0.29 0.00 | 17.98 0.35 0.00 | 18.70 0.40 0.00 | 18.32 0.41 0.00 | 19.33 0.19 0.00 | 19.39 0.13 0.00 | 19.56 0.23 0.00 | 20.53 0.36 0.00 | 20.61 0.36 0.00 | 20.40 0.36 0.00 | 20.28 0.34 0.00 | 20.02 0.30 0.00 | 21.48 0.42 0.00 | 23.37 0.55 0.00 | 29.89 0.67 0.00 | 30.00 0.67 0.00 | 28.18 0.69 0.00 | 25.27 0.59 0.00 | 23.28 0.52 0.00 | 21.92 0.43 0.00 | 20.99 0.45 0.00 |
| COXSACKIE___GT 23611 | 21.29 1.61 0.00 | 19.96 1.48 0.00 | 18.03 1.34 0.00 | 17.65 1.32 0.00 | 19.06 1.43 0.00 | 19.76 1.46 0.00 | 19.31 1.40 0.00 | 20.47 1.34 0.00 | 20.66 1.41 0.00 | 20.78 1.45 0.00 | 21.60 1.43 0.00 | 21.64 1.40 0.00 | 21.34 1.30 0.00 | 21.22 1.28 0.00 | 20.95 1.22 0.00 | 22.62 1.56 0.00 | 24.88 2.05 0.00 | 31.94 2.72 0.00 | 32.02 2.70 0.00 | 29.91 2.42 0.00 | 26.84 2.17 0.00 | 24.71 1.96 0.00 | 23.23 1.74 0.00 | 21.93 1.40 0.00 |
| CPV_VALLEY___CC1 323721 | 20.40 0.73 0.00 | 19.16 0.68 0.00 | 17.26 0.57 0.00 | 16.89 0.56 0.00 | 18.21 0.58 0.00 | 18.86 0.57 0.00 | 18.54 0.63 0.00 | 19.67 0.54 0.00 | 19.97 0.71 0.00 | 20.10 0.77 0.00 | 20.96 0.79 0.00 | 21.05 0.81 0.00 | 20.84 0.80 0.00 | 20.74 0.80 0.00 | 20.54 0.81 0.00 | 21.97 0.90 0.00 | 24.01 1.19 0.00 | 30.71 1.49 0.00 | 30.85 1.52 0.00 | 28.92 1.43 0.00 | 25.93 1.26 0.00 | 23.98 1.23 0.00 | 22.57 1.07 0.00 | 21.30 0.76 0.00 |
| CPV_VALLEY___CC2 323722 | 20.40 0.73 0.00 | 19.16 0.68 0.00 | 17.26 0.57 0.00 | 16.89 0.56 0.00 | 18.21 0.58 0.00 | 18.86 0.57 0.00 | 18.54 0.63 0.00 | 19.67 0.54 0.00 | 19.97 0.71 0.00 | 20.10 0.77 0.00 | 20.96 0.79 0.00 | 21.05 0.81 0.00 | 20.84 0.80 0.00 | 20.74 0.80 0.00 | 20.54 0.81 0.00 | 21.97 0.90 0.00 | 24.01 1.19 0.00 | 30.71 1.49 0.00 | 30.85 1.52 0.00 | 28.92 1.43 0.00 | 25.93 1.26 0.00 | 23.98 1.23 0.00 | 22.57 1.07 0.00 | 21.30 0.76 0.00 |
| CRESCENT___HYD 24018 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.39 0.76 0.00 | 19.03 0.73 0.00 | 18.70 0.79 0.00 | 19.86 0.73 0.00 | 20.11 0.85 0.00 | 20.24 0.91 0.00 | 21.06 0.89 0.00 | 21.13 0.89 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 22.03 0.97 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 30.93 1.61 0.00 | 28.98 1.48 0.00 | 26.00 1.33 0.00 | 23.98 1.23 0.00 | 22.53 1.03 0.00 | 21.30 0.76 0.00 |
| CRICKET___VALLEY_CC1 323756 | 20.66 0.98 0.00 | 19.42 0.94 0.00 | 17.51 0.82 0.00 | 17.13 0.80 0.00 | 18.48 0.85 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.96 0.82 0.00 | 20.26 1.00 0.00 | 20.39 1.06 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.08 1.04 0.00 | 20.96 1.02 0.00 | 20.79 1.06 0.00 | 22.24 1.18 0.00 | 24.37 1.55 0.00 | 31.21 1.99 0.00 | 31.32 1.99 0.00 | 29.34 1.84 0.00 | 26.30 1.63 0.00 | 24.28 1.52 0.00 | 22.83 1.33 0.00 | 21.48 0.95 0.00 |
| CRICKET___VALLEY_CC2 323757 | 20.66 0.98 0.00 | 19.42 0.94 0.00 | 17.51 0.82 0.00 | 17.13 0.80 0.00 | 18.48 0.85 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.96 0.82 0.00 | 20.26 1.00 0.00 | 20.39 1.06 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.08 1.04 0.00 | 20.96 1.02 0.00 | 20.79 1.06 0.00 | 22.24 1.18 0.00 | 24.37 1.55 0.00 | 31.21 1.99 0.00 | 31.32 1.99 0.00 | 29.34 1.84 0.00 | 26.30 1.63 0.00 | 24.28 1.52 0.00 | 22.83 1.33 0.00 | 21.48 0.95 0.00 |
| CRICKET___VALLEY_CC3 323758 | 20.66 0.98 0.00 | 19.42 0.94 0.00 | 17.51 0.82 0.00 | 17.13 0.80 0.00 | 18.48 0.85 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.96 0.82 0.00 | 20.26 1.00 0.00 | 20.39 1.06 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.08 1.04 0.00 | 20.96 1.02 0.00 | 20.79 1.06 0.00 | 22.24 1.18 0.00 | 24.37 1.55 0.00 | 31.21 1.99 0.00 | 31.32 1.99 0.00 | 29.34 1.84 0.00 | 26.30 1.63 0.00 | 24.28 1.52 0.00 | 22.83 1.33 0.00 | 21.48 0.95 0.00 |
| CRUCIBLE_METL_DRP 24180 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| DAHOWA___HYDRO 323763 | 20.60 0.92 0.00 | 19.36 0.89 0.00 | 17.51 0.82 0.00 | 17.11 0.78 0.00 | 18.48 0.85 0.00 | 19.14 0.84 0.00 | 18.81 0.90 0.00 | 19.98 0.84 0.00 | 20.20 0.94 0.00 | 20.33 1.00 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.90 0.96 0.00 | 20.73 1.01 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.34 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.76 1.27 0.00 | 21.54 1.01 0.00 |
| DANC___LFGE 323619 | 19.32 -0.35 0.00 | 18.14 -0.33 0.00 | 16.39 -0.30 0.00 | 16.04 -0.29 0.00 | 17.37 -0.26 0.00 | 18.06 -0.24 0.00 | 17.61 -0.30 0.00 | 18.73 -0.40 0.00 | 18.85 -0.41 0.00 | 19.00 -0.33 0.00 | 19.93 -0.24 0.00 | 19.96 -0.28 0.00 | 19.78 -0.26 0.00 | 19.71 -0.24 0.00 | 19.45 -0.28 0.00 | 20.85 -0.21 0.00 | 22.64 -0.18 0.00 | 29.10 -0.12 0.00 | 29.20 -0.12 0.00 | 27.39 -0.11 0.00 | 24.60 -0.07 0.00 | 22.57 -0.18 0.00 | 21.28 -0.21 0.00 | 20.35 -0.19 0.00 |
| DANSKAMMER___1 23586 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.26 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.38 1.12 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.47 1.41 0.00 | 24.62 1.80 0.00 | 31.56 2.34 0.00 | 31.70 2.37 0.00 | 29.72 2.23 0.00 | 26.60 1.93 0.00 | 24.57 1.82 0.00 | 23.11 1.61 0.00 | 21.75 1.21 0.00 |
| DANSKAMMER___2 23589 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.26 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.38 1.12 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.47 1.41 0.00 | 24.62 1.80 0.00 | 31.56 2.34 0.00 | 31.70 2.37 0.00 | 29.72 2.23 0.00 | 26.60 1.93 0.00 | 24.57 1.82 0.00 | 23.11 1.61 0.00 | 21.75 1.21 0.00 |
| DANSKAMMER___3 23590 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.26 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.38 1.12 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.47 1.41 0.00 | 24.62 1.80 0.00 | 31.56 2.34 0.00 | 31.70 2.37 0.00 | 29.72 2.23 0.00 | 26.60 1.93 0.00 | 24.57 1.82 0.00 | 23.11 1.61 0.00 | 21.75 1.21 0.00 |

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| DANSKAMMER___4 23591 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.26 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.38 1.12 0.00 | 20.49 1.16 0.00 | 21.40 1.23 0.00 | 21.50 1.26 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.47 1.41 0.00 | 24.62 1.80 0.00 | 31.56 2.34 0.00 | 31.70 2.37 0.00 | 29.72 2.23 0.00 | 26.60 1.93 0.00 | 24.57 1.82 0.00 | 23.11 1.61 0.00 | 21.75 1.21 0.00 |
| DANSKAMMER___DIESEL 23592 | 20.85 1.18 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.27 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.11 0.85 0.00 | 20.41 1.08 0.00 | 21.40 1.23 0.00 | 21.50 1.25 0.00 | 21.26 1.22 0.00 | 21.16 1.22 0.00 | 20.95 1.22 0.00 | 22.41 1.35 0.00 | 24.60 1.78 0.00 | 31.55 2.34 0.00 | 31.70 2.38 0.00 | 29.72 2.23 0.00 | 26.60 1.92 0.00 | 24.57 1.82 0.00 | 22.96 1.46 0.00 | 21.79 1.25 0.00 |
| DARBY___SOLAR 323810 | 20.58 0.91 0.00 | 19.36 0.89 0.00 | 17.49 0.80 0.00 | 17.11 0.78 0.00 | 18.46 0.83 0.00 | 19.14 0.84 0.00 | 18.79 0.88 0.00 | 19.96 0.82 0.00 | 20.20 0.94 0.00 | 20.33 1.00 0.00 | 21.22 1.05 0.00 | 21.29 1.05 0.00 | 21.04 1.00 0.00 | 20.88 0.94 0.00 | 20.71 0.99 0.00 | 22.24 1.18 0.00 | 24.37 1.55 0.00 | 31.21 1.99 0.00 | 31.26 1.93 0.00 | 29.28 1.79 0.00 | 26.30 1.63 0.00 | 24.21 1.46 0.00 | 22.72 1.22 0.00 | 21.50 0.97 0.00 |
| DASHVILLE___HYD 23610 | 20.66 0.98 0.00 | 19.36 0.89 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.41 0.78 0.00 | 19.05 0.75 0.00 | 18.66 0.75 0.00 | 19.79 0.65 0.00 | 19.82 0.56 0.00 | 20.12 0.79 0.00 | 21.10 0.93 0.00 | 21.19 0.95 0.00 | 20.96 0.92 0.00 | 20.86 0.92 0.00 | 20.70 0.97 0.00 | 22.13 1.07 0.00 | 24.30 1.48 0.00 | 31.18 1.96 0.00 | 31.32 1.99 0.00 | 29.36 1.87 0.00 | 26.28 1.60 0.00 | 24.30 1.55 0.00 | 22.72 1.23 0.00 | 21.58 1.05 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 23.79 2.34 -1.78 | 20.68 2.20 0.00 | 18.48 1.79 0.00 | 18.09 1.76 0.00 | 19.48 1.85 0.00 | 20.24 1.94 0.00 | 19.99 2.08 0.00 | 21.09 1.95 0.00 | 21.19 1.93 0.00 | 22.69 2.24 -1.12 | 22.49 2.32 0.00 | 22.59 2.33 -0.02 | 23.04 2.24 -0.76 | 22.18 2.23 0.00 | 22.15 2.27 -0.16 | 24.77 2.40 -1.31 | 32.66 3.01 -6.83 | 38.46 4.06 -5.18 | 40.20 3.96 -6.92 | 35.27 3.60 -4.17 | 30.96 3.06 -3.23 | 26.67 2.91 -1.01 | 24.99 2.45 -1.05 | 22.65 2.12 0.00 |
| DELAWARE___LFGE 323621 | 20.40 0.73 0.00 | 19.20 0.72 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.32 0.69 0.00 | 19.03 0.73 0.00 | 18.63 0.72 0.00 | 19.77 0.63 0.00 | 19.86 0.60 0.00 | 20.08 0.75 0.00 | 21.06 0.89 0.00 | 21.11 0.87 0.00 | 20.90 0.86 0.00 | 20.78 0.84 0.00 | 20.56 0.83 0.00 | 21.99 0.93 0.00 | 24.01 1.19 0.00 | 30.77 1.55 0.00 | 30.91 1.58 0.00 | 28.98 1.48 0.00 | 25.98 1.31 0.00 | 23.98 1.23 0.00 | 22.48 0.99 0.00 | 21.46 0.92 0.00 |
| DERFIELD_115KV_TB7 355931 | 19.83 0.16 0.00 | 18.64 0.17 0.00 | 16.83 0.13 0.00 | 16.46 0.13 0.00 | 17.79 0.16 0.00 | 18.44 0.15 0.00 | 18.07 0.16 0.00 | 19.25 0.11 0.00 | 19.36 0.10 0.00 | 19.48 0.15 0.00 | 20.35 0.18 0.00 | 20.42 0.18 0.00 | 20.22 0.18 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.27 0.21 0.00 | 23.12 0.30 0.00 | 29.60 0.38 0.00 | 29.70 0.38 0.00 | 27.82 0.33 0.00 | 24.97 0.30 0.00 | 23.05 0.30 0.00 | 21.71 0.21 0.00 | 20.70 0.16 0.00 |
| DOGLEVILLE___HYD 23807 | 19.52 -0.16 0.00 | 18.37 -0.11 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 19.12 -0.02 0.00 | 19.28 0.02 0.00 | 19.37 0.04 0.00 | 20.21 0.04 0.00 | 20.30 0.06 0.00 | 20.08 0.04 0.00 | 20.01 0.06 0.00 | 19.79 0.06 0.00 | 21.17 0.11 0.00 | 23.05 0.23 0.00 | 29.57 0.35 0.00 | 29.67 0.35 0.00 | 27.83 0.33 0.00 | 24.97 0.30 0.00 | 23.11 0.36 0.00 | 21.82 0.32 0.00 | 20.78 0.25 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 19.34 -0.33 0.00 | 18.11 -0.37 0.00 | 16.68 -0.02 0.00 | 16.38 0.05 0.00 | 17.67 0.04 0.00 | 18.44 0.15 0.00 | 18.13 0.21 0.00 | 18.20 -0.94 0.00 | 18.24 -1.02 0.00 | 18.52 -0.81 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.60 -0.44 0.00 | 19.47 -0.48 0.00 | 19.08 -0.65 0.00 | 20.64 -0.42 0.00 | 22.30 -0.52 0.00 | 28.17 -1.05 0.00 | 28.21 -1.11 0.00 | 26.72 -0.77 0.00 | 24.08 -0.59 0.00 | 22.32 -0.43 0.00 | 21.30 -0.19 0.00 | 20.84 0.31 0.00 |
| DUNKIRK___1 23563 | 19.34 -0.33 0.00 | 18.11 -0.37 0.00 | 16.68 -0.02 0.00 | 16.38 0.05 0.00 | 17.67 0.04 0.00 | 18.44 0.15 0.00 | 18.13 0.21 0.00 | 18.20 -0.94 0.00 | 18.24 -1.02 0.00 | 18.52 -0.81 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.60 -0.44 0.00 | 19.47 -0.48 0.00 | 19.08 -0.65 0.00 | 20.64 -0.42 0.00 | 22.30 -0.52 0.00 | 28.17 -1.05 0.00 | 28.21 -1.11 0.00 | 26.72 -0.77 0.00 | 24.08 -0.59 0.00 | 22.32 -0.43 0.00 | 21.30 -0.19 0.00 | 20.84 0.31 0.00 |
| DUNKIRK___2 23564 | 19.34 -0.33 0.00 | 18.11 -0.37 0.00 | 16.68 -0.02 0.00 | 16.38 0.05 0.00 | 17.67 0.04 0.00 | 18.44 0.15 0.00 | 18.13 0.21 0.00 | 18.20 -0.94 0.00 | 18.24 -1.02 0.00 | 18.52 -0.81 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.60 -0.44 0.00 | 19.47 -0.48 0.00 | 19.08 -0.65 0.00 | 20.64 -0.42 0.00 | 22.30 -0.52 0.00 | 28.17 -1.05 0.00 | 28.21 -1.11 0.00 | 26.72 -0.77 0.00 | 24.08 -0.59 0.00 | 22.32 -0.43 0.00 | 21.30 -0.19 0.00 | 20.84 0.31 0.00 |
| DUNKIRK___3 23565 | 19.34 -0.33 0.00 | 18.13 -0.35 0.00 | 16.68 -0.02 0.00 | 16.40 0.07 0.00 | 17.67 0.04 0.00 | 18.44 0.15 0.00 | 18.13 0.21 0.00 | 18.22 -0.92 0.00 | 18.26 -1.00 0.00 | 18.54 -0.79 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.60 -0.44 0.00 | 19.47 -0.48 0.00 | 19.08 -0.65 0.00 | 20.62 -0.44 0.00 | 22.30 -0.52 0.00 | 28.14 -1.08 0.00 | 28.18 -1.14 0.00 | 26.70 -0.80 0.00 | 24.06 -0.62 0.00 | 22.32 -0.43 0.00 | 21.28 -0.21 0.00 | 20.84 0.31 0.00 |
| DUNKIRK___4 23566 | 19.32 -0.35 0.00 | 18.09 -0.39 0.00 | 16.66 -0.03 0.00 | 16.36 0.03 0.00 | 17.65 0.02 0.00 | 18.42 0.13 0.00 | 18.11 0.20 0.00 | 18.16 -0.98 0.00 | 18.20 -1.06 0.00 | 18.48 -0.85 0.00 | 19.64 -0.52 0.00 | 19.68 -0.57 0.00 | 19.56 -0.48 0.00 | 19.41 -0.54 0.00 | 19.04 -0.69 0.00 | 20.58 -0.48 0.00 | 22.25 -0.57 0.00 | 28.08 -1.14 0.00 | 28.15 -1.17 0.00 | 26.64 -0.85 0.00 | 24.01 -0.67 0.00 | 22.27 -0.48 0.00 | 21.26 -0.24 0.00 | 20.80 0.27 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 20.85 1.18 0.00 | 19.59 1.11 0.00 | 17.63 0.93 0.00 | 17.24 0.91 0.00 | 18.60 0.97 0.00 | 19.27 0.97 0.00 | 18.93 1.02 0.00 | 20.11 0.98 0.00 | 20.16 0.91 0.00 | 20.51 1.18 0.00 | 21.48 1.31 0.00 | 21.58 1.34 0.00 | 21.38 1.34 0.00 | 21.26 1.32 0.00 | 21.07 1.34 0.00 | 22.47 1.41 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.00 | 31.73 2.40 0.00 | 29.75 2.25 0.00 | 26.65 1.97 0.00 | 24.62 1.87 0.00 | 22.98 1.48 0.00 | 21.79 1.25 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.68 1.00 0.00 | 19.40 0.92 0.00 | 17.46 0.77 0.00 | 17.08 0.75 0.00 | 18.44 0.81 0.00 | 19.10 0.81 0.00 | 18.75 0.84 0.00 | 19.90 0.77 0.00 | 19.97 0.71 0.00 | 20.26 0.93 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.08 1.04 0.00 | 20.98 1.04 0.00 | 20.79 1.07 0.00 | 22.22 1.16 0.00 | 24.37 1.55 0.00 | 31.23 2.02 0.00 | 31.35 2.02 0.00 | 29.39 1.90 0.00 | 26.33 1.65 0.00 | 24.34 1.59 0.00 | 22.76 1.27 0.00 | 21.60 1.07 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 21.10 1.42 -0.01 | 19.80 1.31 -0.01 | 17.74 1.05 0.00 | 17.34 1.01 0.00 | 18.71 1.08 0.00 | 19.38 1.08 0.00 | 19.04 1.13 0.00 | 20.11 0.98 0.00 | 20.01 0.75 0.00 | 20.43 1.10 0.00 | 21.44 1.27 0.00 | 21.56 1.32 0.00 | 21.38 1.34 0.00 | 21.28 1.34 0.00 | 21.09 1.36 0.00 | 22.45 1.39 0.00 | 24.60 1.78 0.00 | 31.52 2.31 0.01 | 31.66 2.35 0.01 | 29.66 2.17 0.01 | 26.60 1.92 0.00 | 24.67 1.91 0.00 | 23.13 1.63 0.00 | 22.05 1.52 0.00 |
| E179THST_13_KV_LOAD 356214 | 21.18 1.50 -0.01 | 19.87 1.39 -0.01 | 17.79 1.10 0.00 | 17.41 1.08 0.00 | 18.76 1.13 0.00 | 19.45 1.15 0.00 | 19.11 1.20 0.00 | 20.17 1.03 0.00 | 20.07 0.81 0.00 | 20.51 1.18 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.63 2.43 0.01 | 31.78 2.46 0.01 | 29.80 2.31 0.01 | 26.72 2.05 0.00 | 24.76 2.00 0.00 | 23.22 1.72 0.00 | 22.14 1.60 0.00 |
| EAST HAMPTON___GT 23717 | 24.03 2.58 -1.78 | 20.88 2.40 0.00 | 18.64 1.95 0.00 | 18.27 1.94 0.00 | 19.68 2.04 0.00 | 20.42 2.12 0.00 | 20.19 2.28 0.00 | 21.28 2.14 0.00 | 21.71 2.45 0.00 | 22.98 2.53 -1.12 | 22.71 2.54 0.00 | 22.82 2.55 -0.02 | 23.26 2.46 -0.76 | 22.40 2.45 0.00 | 22.37 2.49 -0.16 | 25.07 2.70 -1.31 | 32.94 3.29 -6.83 | 38.84 4.44 -5.18 | 40.61 4.37 -6.92 | 35.62 3.96 -4.17 | 31.28 3.38 -3.23 | 26.97 3.21 -1.01 | 25.44 2.90 -1.05 | 22.85 2.32 0.00 |
| EAST RIVER___6 23660 | 20.87 1.20 0.00 | 19.59 1.11 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.90 0.98 0.00 | 20.09 0.96 0.00 | 20.43 1.17 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.13 1.40 0.00 | 22.58 1.52 0.00 | 24.69 1.87 0.00 | 31.61 2.40 0.00 | 31.79 2.46 0.00 | 29.83 2.34 0.00 | 26.67 2.00 0.00 | 24.66 1.91 0.00 | 23.23 1.74 0.00 | 21.79 1.25 0.00 |
| EAST RIVER___7 23524 | 20.87 1.20 0.00 | 19.59 1.11 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.90 0.98 0.00 | 20.09 0.96 0.00 | 20.43 1.17 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.13 1.40 0.00 | 22.58 1.52 0.00 | 24.69 1.87 0.00 | 31.61 2.40 0.00 | 31.79 2.46 0.00 | 29.83 2.34 0.00 | 26.67 2.00 0.00 | 24.66 1.91 0.00 | 23.23 1.74 0.00 | 21.79 1.25 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 24.03 2.58 -1.78 | 20.88 2.40 0.00 | 18.64 1.95 0.00 | 18.27 1.94 0.00 | 19.68 2.04 0.00 | 20.44 2.14 0.00 | 20.19 2.28 0.00 | 21.28 2.14 0.00 | 21.72 2.47 0.00 | 23.00 2.55 -1.12 | 22.71 2.54 0.00 | 22.82 2.55 -0.02 | 23.26 2.46 -0.76 | 22.40 2.45 0.00 | 22.37 2.49 -0.16 | 25.07 2.70 -1.31 | 32.94 3.29 -6.83 | 38.84 4.44 -5.18 | 40.61 4.37 -6.92 | 35.65 3.99 -4.17 | 31.28 3.38 -3.23 | 26.97 3.21 -1.01 | 25.44 2.90 -1.05 | 22.87 2.34 0.00 |
| EAST_PULASKI___ESR 323781 | 19.38 -0.30 0.00 | 18.18 -0.30 0.00 | 16.46 -0.23 0.00 | 16.10 -0.23 0.00 | 17.42 -0.21 0.00 | 18.11 -0.18 0.00 | 17.70 -0.21 0.00 | 18.73 -0.40 0.00 | 18.82 -0.44 0.00 | 19.00 -0.33 0.00 | 19.93 -0.24 0.00 | 19.98 -0.26 0.00 | 19.80 -0.24 0.00 | 19.69 -0.26 0.00 | 19.43 -0.30 0.00 | 20.85 -0.21 0.00 | 22.57 -0.25 0.00 | 28.90 -0.32 0.00 | 29.00 -0.32 0.00 | 27.22 -0.27 0.00 | 24.45 -0.22 0.00 | 22.50 -0.25 0.00 | 21.19 -0.30 0.00 | 20.27 -0.27 0.00 |
| EAST_RIVER___1 323558 | 20.93 1.26 0.00 | 19.66 1.18 0.00 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.00 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.51 1.25 0.00 | 20.66 1.33 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.62 1.56 0.00 | 24.74 1.92 0.00 | 31.64 2.42 0.00 | 31.84 2.52 0.00 | 29.89 2.39 0.00 | 26.72 2.05 0.00 | 24.73 1.98 0.00 | 23.30 1.81 0.00 | 21.85 1.32 0.00 |
| EAST_RIVER___2 323559 | 20.87 1.20 0.00 | 19.59 1.11 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.90 0.98 0.00 | 20.09 0.96 0.00 | 20.43 1.17 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.13 1.40 0.00 | 22.58 1.52 0.00 | 24.69 1.87 0.00 | 31.61 2.40 0.00 | 31.79 2.46 0.00 | 29.83 2.34 0.00 | 26.67 2.00 0.00 | 24.66 1.91 0.00 | 23.23 1.74 0.00 | 21.79 1.25 0.00 |
| EAST___DELAWARE_HYD 23607 | 20.34 0.67 0.00 | 19.07 0.59 0.00 | 17.14 0.45 0.00 | 16.77 0.44 0.00 | 18.12 0.49 0.00 | 18.79 0.49 0.00 | 18.41 0.50 0.00 | 19.54 0.40 0.00 | 19.82 0.56 0.00 | 19.93 0.60 0.00 | 20.83 0.66 0.00 | 20.91 0.67 0.00 | 20.66 0.62 0.00 | 20.58 0.64 0.00 | 20.42 0.69 0.00 | 21.92 0.86 0.00 | 24.05 1.23 0.00 | 30.88 1.66 0.00 | 31.05 1.73 0.00 | 29.09 1.59 0.00 | 26.03 1.36 0.00 | 24.05 1.30 0.00 | 22.59 1.10 0.00 | 21.30 0.76 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 20.24 0.57 0.00 | 18.99 0.52 0.00 | 17.31 0.62 0.00 | 16.98 0.65 0.00 | 18.43 0.79 0.00 | 19.28 0.99 0.00 | 18.88 0.97 0.00 | 19.69 0.56 0.00 | 19.84 0.58 0.00 | 19.95 0.62 0.00 | 21.02 0.85 0.00 | 21.07 0.83 0.00 | 20.92 0.88 0.00 | 20.76 0.82 0.00 | 20.46 0.73 0.00 | 22.07 1.01 0.00 | 24.12 1.30 0.00 | 30.91 1.69 0.00 | 31.05 1.73 0.00 | 29.17 1.68 0.00 | 26.15 1.48 0.00 | 24.12 1.37 0.00 | 22.76 1.27 0.00 | 21.81 1.27 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 19.56 -0.12 0.00 | 18.35 -0.13 0.00 | 16.61 -0.08 0.00 | 16.26 -0.07 0.00 | 17.58 -0.05 0.00 | 18.28 -0.02 0.00 | 17.91 0.00 0.00 | 18.87 -0.27 0.00 | 18.95 -0.31 0.00 | 19.12 -0.21 0.00 | 20.07 -0.10 0.00 | 20.12 -0.12 0.00 | 19.92 -0.12 0.00 | 19.81 -0.14 0.00 | 19.55 -0.18 0.00 | 20.96 -0.11 0.00 | 22.71 -0.11 0.00 | 29.01 -0.20 0.00 | 29.15 -0.18 0.00 | 27.36 -0.14 0.00 | 24.53 -0.15 0.00 | 22.62 -0.14 0.00 | 21.34 -0.15 0.00 | 20.41 -0.12 0.00 |
| ELEC_TRO_TEK 24086 | 22.95 1.50 -1.78 | 19.86 1.39 0.00 | 17.81 1.12 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.49 1.19 0.00 | 19.18 1.27 0.00 | 20.34 1.21 0.00 | 20.41 1.16 0.00 | 21.89 1.45 -1.12 | 21.78 1.61 0.00 | 21.91 1.64 -0.02 | 22.44 1.64 -0.76 | 21.56 1.62 0.00 | 21.52 1.64 -0.16 | 24.10 1.73 -1.31 | 31.82 2.17 -6.83 | 37.18 2.78 -5.18 | 39.05 2.81 -6.92 | 34.33 2.67 -4.17 | 30.22 2.32 -3.23 | 25.96 2.21 -1.01 | 24.37 1.83 -1.05 | 22.07 1.54 0.00 |
| ELLENBURG_WT_PWR 323604 | 19.14 -0.53 0.00 | 17.90 -0.57 0.00 | 16.11 -0.58 0.00 | 15.71 -0.62 0.00 | 16.91 -0.72 0.00 | 17.54 -0.75 0.00 | 16.82 -1.09 0.00 | 18.43 -0.71 0.00 | 18.39 -0.87 0.00 | 18.40 -0.93 0.00 | 19.16 -1.01 0.00 | 19.25 -0.99 0.00 | 19.16 -0.88 0.00 | 19.19 -0.76 0.00 | 19.04 -0.69 0.00 | 20.20 -0.86 0.00 | 21.91 -0.91 0.00 | 28.28 -0.94 0.00 | 28.47 -0.85 0.00 | 26.73 -0.77 0.00 | 24.03 -0.64 0.00 | 22.05 -0.71 0.00 | 20.93 -0.56 0.00 | 20.51 -0.02 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 19.06 -0.61 0.00 | 17.87 -0.61 0.00 | 16.44 -0.25 0.00 | 16.15 -0.18 0.00 | 17.42 -0.21 0.00 | 18.17 -0.13 0.00 | 17.84 -0.07 0.00 | 17.87 -1.26 0.00 | 17.91 -1.35 0.00 | 18.19 -1.14 0.00 | 19.30 -0.87 0.00 | 19.35 -0.89 0.00 | 19.22 -0.82 0.00 | 19.09 -0.86 0.00 | 18.72 -1.01 0.00 | 20.24 -0.82 0.00 | 21.84 -0.98 0.00 | 27.52 -1.69 0.00 | 27.56 -1.76 0.00 | 26.15 -1.35 0.00 | 23.56 -1.11 0.00 | 21.86 -0.89 0.00 | 20.89 -0.60 0.00 | 20.47 -0.06 0.00 |
| EMPIRE_CC_1 323656 | 20.46 0.79 0.00 | 19.23 0.76 0.00 | 17.38 0.68 0.00 | 17.00 0.67 0.00 | 18.34 0.71 0.00 | 18.97 0.68 0.00 | 18.63 0.72 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.16 0.83 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.68 0.74 0.00 | 20.48 0.75 0.00 | 21.90 0.84 0.00 | 23.98 1.16 0.00 | 30.65 1.43 0.00 | 30.70 1.38 0.00 | 28.76 1.27 0.00 | 25.83 1.16 0.00 | 23.84 1.09 0.00 | 22.40 0.90 0.00 | 21.17 0.64 0.00 |
| EMPIRE_CC_2 323658 | 20.46 0.79 0.00 | 19.23 0.76 0.00 | 17.38 0.68 0.00 | 17.00 0.67 0.00 | 18.34 0.71 0.00 | 18.97 0.68 0.00 | 18.63 0.72 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.16 0.83 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.68 0.74 0.00 | 20.48 0.75 0.00 | 21.90 0.84 0.00 | 23.98 1.16 0.00 | 30.65 1.43 0.00 | 30.70 1.38 0.00 | 28.76 1.27 0.00 | 25.83 1.16 0.00 | 23.84 1.09 0.00 | 22.40 0.90 0.00 | 21.17 0.64 0.00 |
| ENORWICH_115KV_TB1 80156 | 21.05 1.38 0.00 | 19.86 1.39 0.00 | 17.96 1.27 0.00 | 17.55 1.22 0.00 | 19.04 1.41 0.00 | 19.87 1.57 0.00 | 19.34 1.43 0.00 | 20.51 1.38 0.00 | 20.53 1.27 0.00 | 20.74 1.41 0.00 | 21.84 1.67 0.00 | 21.86 1.62 0.00 | 21.66 1.62 0.00 | 21.52 1.58 0.00 | 21.27 1.54 0.00 | 22.91 1.85 0.00 | 25.19 2.37 0.00 | 32.46 3.24 0.00 | 32.66 3.34 0.00 | 30.60 3.11 0.00 | 27.44 2.76 0.00 | 25.19 2.43 0.00 | 23.58 2.08 0.00 | 22.65 2.12 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 19.46 -0.22 0.00 | 18.22 -0.26 0.00 | 16.78 0.08 0.00 | 16.48 0.15 0.00 | 17.77 0.14 0.00 | 18.53 0.24 0.00 | 18.22 0.30 0.00 | 18.16 -0.98 0.00 | 18.18 -1.08 0.00 | 18.48 -0.85 0.00 | 19.64 -0.52 0.00 | 19.68 -0.57 0.00 | 19.56 -0.48 0.00 | 19.41 -0.54 0.00 | 19.04 -0.69 0.00 | 20.60 -0.46 0.00 | 22.25 -0.57 0.00 | 28.11 -1.11 0.00 | 28.18 -1.14 0.00 | 26.67 -0.82 0.00 | 24.03 -0.64 0.00 | 22.27 -0.48 0.00 | 21.26 -0.24 0.00 | 20.95 0.41 0.00 |
| ERIE_WT_PWR 323693 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.58 -0.12 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.39 0.09 0.00 | 18.00 0.09 0.00 | 18.01 -1.13 0.00 | 18.08 -1.18 0.00 | 18.32 -1.01 0.00 | 19.46 -0.71 0.00 | 19.49 -0.75 0.00 | 19.40 -0.64 0.00 | 19.23 -0.72 0.00 | 18.86 -0.87 0.00 | 20.43 -0.63 0.00 | 22.04 -0.78 0.00 | 27.84 -1.37 0.00 | 27.83 -1.49 0.00 | 26.39 -1.10 0.00 | 23.79 -0.89 0.00 | 22.05 -0.71 0.00 | 21.08 -0.41 0.00 | 20.58 0.04 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 20.78 1.10 0.00 | 19.55 1.07 0.00 | 17.66 0.97 0.00 | 17.28 0.95 0.00 | 18.69 1.06 0.00 | 19.43 1.13 0.00 | 19.02 1.11 0.00 | 20.21 1.07 0.00 | 20.30 1.04 0.00 | 20.51 1.18 0.00 | 21.56 1.39 0.00 | 21.62 1.38 0.00 | 21.38 1.34 0.00 | 21.24 1.30 0.00 | 21.05 1.32 0.00 | 22.51 1.45 0.00 | 24.69 1.87 0.00 | 31.73 2.51 0.00 | 31.81 2.49 0.00 | 29.83 2.34 0.00 | 26.75 2.07 0.00 | 24.69 1.93 0.00 | 23.11 1.61 0.00 | 22.07 1.54 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 20.13 0.45 0.00 | 18.88 0.41 0.00 | 17.11 0.42 0.00 | 16.74 0.41 0.00 | 18.11 0.48 0.00 | 18.86 0.57 0.00 | 18.47 0.56 0.00 | 19.46 0.33 0.00 | 19.51 0.25 0.00 | 19.68 0.35 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.54 0.50 0.00 | 20.40 0.46 0.00 | 20.14 0.41 0.00 | 21.63 0.57 0.00 | 23.57 0.75 0.00 | 30.18 0.96 0.00 | 30.32 1.00 0.00 | 28.46 0.96 0.00 | 25.54 0.86 0.00 | 23.50 0.75 0.00 | 22.12 0.62 0.00 | 21.19 0.66 0.00 |
| ETNA____115KV_TB2 80207 | 20.13 0.45 0.00 | 18.88 0.41 0.00 | 17.11 0.42 0.00 | 16.74 0.41 0.00 | 18.11 0.48 0.00 | 18.86 0.57 0.00 | 18.47 0.56 0.00 | 19.46 0.33 0.00 | 19.51 0.25 0.00 | 19.68 0.35 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.54 0.50 0.00 | 20.40 0.46 0.00 | 20.14 0.41 0.00 | 21.63 0.57 0.00 | 23.57 0.75 0.00 | 30.18 0.96 0.00 | 30.32 1.00 0.00 | 28.46 0.96 0.00 | 25.54 0.86 0.00 | 23.50 0.75 0.00 | 22.12 0.62 0.00 | 21.19 0.66 0.00 |
| EUCLID__115KV_TB2 356179 | 19.42 -0.26 0.00 | 18.22 -0.26 0.00 | 16.49 -0.20 0.00 | 16.15 -0.18 0.00 | 17.46 -0.18 0.00 | 18.15 -0.15 0.00 | 17.79 -0.13 0.00 | 18.73 -0.40 0.00 | 18.82 -0.44 0.00 | 18.98 -0.35 0.00 | 19.91 -0.26 0.00 | 19.98 -0.26 0.00 | 19.78 -0.26 0.00 | 19.67 -0.28 0.00 | 19.41 -0.32 0.00 | 20.81 -0.25 0.00 | 22.50 -0.32 0.00 | 28.75 -0.47 0.00 | 28.85 -0.47 0.00 | 27.08 -0.41 0.00 | 24.30 -0.37 0.00 | 22.41 -0.34 0.00 | 21.15 -0.34 0.00 | 20.25 -0.29 0.00 |
| E_CANADA_CAP_HY 24051 | 20.99 1.32 0.00 | 19.77 1.29 0.00 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.88 1.25 0.00 | 19.63 1.33 0.00 | 19.26 1.34 0.00 | 20.45 1.32 0.00 | 20.66 1.41 0.00 | 20.76 1.43 0.00 | 21.76 1.59 0.00 | 21.84 1.60 0.00 | 21.58 1.54 0.00 | 21.42 1.48 0.00 | 21.27 1.54 0.00 | 22.75 1.69 0.00 | 24.97 2.14 0.00 | 32.08 2.86 0.00 | 32.17 2.84 0.00 | 30.11 2.61 0.00 | 27.02 2.35 0.00 | 24.98 2.23 0.00 | 23.45 1.96 0.00 | 22.26 1.73 0.00 |
| E_CANADA_MHWK_HY 24050 | 19.52 -0.16 0.00 | 18.37 -0.11 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 19.12 -0.02 0.00 | 19.28 0.02 0.00 | 19.37 0.04 0.00 | 20.21 0.04 0.00 | 20.30 0.06 0.00 | 20.08 0.04 0.00 | 20.01 0.06 0.00 | 19.79 0.06 0.00 | 21.17 0.11 0.00 | 23.05 0.23 0.00 | 29.57 0.35 0.00 | 29.67 0.35 0.00 | 27.83 0.33 0.00 | 24.97 0.30 0.00 | 23.11 0.36 0.00 | 21.82 0.32 0.00 | 20.78 0.25 0.00 |
| E_FISHKILL__LBMP 23776 | 20.72 1.04 0.00 | 19.46 0.98 0.00 | 17.53 0.83 0.00 | 17.15 0.82 0.00 | 18.50 0.86 0.00 | 19.16 0.86 0.00 | 18.81 0.90 0.00 | 19.98 0.84 0.00 | 20.03 0.77 0.00 | 20.33 1.01 0.00 | 21.30 1.13 0.00 | 21.38 1.13 0.00 | 21.16 1.12 0.00 | 21.06 1.12 0.00 | 20.87 1.14 0.00 | 22.28 1.22 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.40 2.08 0.00 | 29.45 1.95 0.00 | 26.38 1.70 0.00 | 24.37 1.62 0.00 | 22.76 1.27 0.00 | 21.60 1.07 0.00 |
| FALCON__SEABRD_CC1 323796 | 19.38 -0.29 0.00 | 18.12 -0.35 0.00 | 16.31 -0.38 0.00 | 15.91 -0.42 0.00 | 17.12 -0.51 0.00 | 17.76 -0.53 0.00 | 16.91 -1.00 0.00 | 18.54 -0.59 0.00 | 18.47 -0.79 0.00 | 18.48 -0.85 0.00 | 19.24 -0.93 0.00 | 19.33 -0.91 0.00 | 19.26 -0.78 0.00 | 19.29 -0.66 0.00 | 19.14 -0.59 0.00 | 20.30 -0.76 0.00 | 22.07 -0.75 0.00 | 28.52 -0.70 0.00 | 28.70 -0.62 0.00 | 26.95 -0.55 0.00 | 24.25 -0.42 0.00 | 22.23 -0.52 0.00 | 21.11 -0.39 0.00 | 20.82 0.29 0.00 |
| FALCON__SEABRD_CC2 323797 | 19.38 -0.29 0.00 | 18.12 -0.35 0.00 | 16.31 -0.38 0.00 | 15.91 -0.42 0.00 | 17.12 -0.51 0.00 | 17.76 -0.53 0.00 | 16.91 -1.00 0.00 | 18.54 -0.59 0.00 | 18.47 -0.79 0.00 | 18.48 -0.85 0.00 | 19.24 -0.93 0.00 | 19.33 -0.91 0.00 | 19.26 -0.78 0.00 | 19.29 -0.66 0.00 | 19.14 -0.59 0.00 | 20.30 -0.76 0.00 | 22.07 -0.75 0.00 | 28.52 -0.70 0.00 | 28.70 -0.62 0.00 | 26.95 -0.55 0.00 | 24.25 -0.42 0.00 | 22.23 -0.52 0.00 | 21.11 -0.39 0.00 | 20.82 0.29 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4 23548 | 23.18 1.73 -1.78 | 20.07 1.59 0.00 | 17.99 1.30 0.00 | 17.60 1.27 0.00 | 18.99 1.36 0.00 | 19.69 1.39 0.00 | 19.38 1.47 0.00 | 20.53 1.40 0.00 | 20.63 1.37 0.00 | 22.13 1.68 -1.12 | 22.02 1.86 0.00 | 22.17 1.90 -0.02 | 22.70 1.90 -0.76 | 21.80 1.85 0.00 | 21.76 1.87 -0.16 | 24.37 2.00 -1.31 | 32.12 2.46 -6.83 | 37.59 3.18 -5.18 | 39.49 3.25 -6.92 | 34.74 3.08 -4.17 | 30.59 2.69 -3.23 | 26.31 2.55 -1.01 | 24.67 2.13 -1.05 | 22.36 1.83 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 20.97 1.30 0.00 | 19.70 1.22 0.00 | 17.69 1.00 0.00 | 17.31 0.98 0.00 | 18.67 1.04 0.00 | 19.32 1.02 0.00 | 19.00 1.09 0.00 | 20.19 1.05 0.00 | 20.18 0.92 0.00 | 20.59 1.26 0.00 | 21.58 1.41 0.00 | 21.68 1.44 0.00 | 21.50 1.46 0.00 | 21.40 1.46 0.00 | 21.21 1.48 0.00 | 22.60 1.54 0.00 | 24.76 1.94 0.00 | 31.73 2.51 0.00 | 31.90 2.58 0.00 | 29.94 2.45 0.00 | 26.77 2.10 0.00 | 24.78 2.02 0.00 | 23.13 1.63 0.00 | 21.93 1.40 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 20.97 1.30 0.00 | 19.70 1.22 0.00 | 17.69 1.00 0.00 | 17.31 0.98 0.00 | 18.67 1.04 0.00 | 19.32 1.02 0.00 | 19.00 1.09 0.00 | 20.19 1.05 0.00 | 20.18 0.92 0.00 | 20.59 1.26 0.00 | 21.58 1.41 0.00 | 21.68 1.44 0.00 | 21.50 1.46 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.58 1.52 0.00 | 24.76 1.94 0.00 | 31.73 2.51 0.00 | 31.90 2.58 0.00 | 29.91 2.42 0.00 | 26.77 2.10 0.00 | 24.75 2.00 0.00 | 23.11 1.61 0.00 | 21.93 1.40 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.68 0.98 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.57 1.24 0.00 | 21.56 1.39 0.00 | 21.66 1.42 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.56 1.50 0.00 | 24.74 1.92 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.89 2.39 0.00 | 26.75 2.07 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| FARRAGUT___LBMP 323566 | 20.93 1.26 0.00 | 19.66 1.18 0.00 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.15 0.89 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| FENNER___WINDPWR 24204 | 20.03 0.35 0.00 | 18.83 0.35 0.00 | 17.03 0.33 0.00 | 16.66 0.33 0.00 | 18.02 0.39 0.00 | 18.75 0.46 0.00 | 18.34 0.43 0.00 | 19.46 0.32 0.00 | 19.61 0.35 0.00 | 19.74 0.41 0.00 | 20.67 0.50 0.00 | 20.71 0.47 0.00 | 20.52 0.48 0.00 | 20.40 0.46 0.00 | 20.16 0.43 0.00 | 21.59 0.53 0.00 | 23.48 0.66 0.00 | 30.09 0.88 0.00 | 30.20 0.88 0.00 | 28.32 0.82 0.00 | 25.41 0.74 0.00 | 23.39 0.64 0.00 | 22.05 0.56 0.00 | 21.07 0.53 0.00 |
| FIBERTEK___ENERGY 23856 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| FITZPATRICK___ 23598 | 19.16 -0.51 0.00 | 18.00 -0.48 0.00 | 16.29 -0.40 0.00 | 15.94 -0.39 0.00 | 17.23 -0.40 0.00 | 17.91 -0.39 0.00 | 17.53 -0.38 0.00 | 18.52 -0.61 0.00 | 18.64 -0.62 0.00 | 18.75 -0.58 0.00 | 19.63 -0.54 0.00 | 19.70 -0.55 0.00 | 19.50 -0.54 0.00 | 19.41 -0.54 0.00 | 19.16 -0.57 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.67 -0.82 0.00 | 23.93 -0.74 0.00 | 22.07 -0.68 0.00 | 20.89 -0.60 0.00 | 19.98 -0.55 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 23.34 1.89 -1.78 | 20.23 1.76 0.00 | 18.11 1.42 0.00 | 17.73 1.40 0.00 | 19.10 1.46 0.00 | 19.81 1.52 0.00 | 19.54 1.63 0.00 | 20.69 1.55 0.00 | 20.78 1.52 0.00 | 22.28 1.84 -1.12 | 22.13 1.96 0.00 | 22.25 1.98 -0.02 | 22.76 1.96 -0.76 | 21.90 1.95 0.00 | 21.86 1.97 -0.16 | 24.47 2.11 -1.31 | 32.30 2.65 -6.83 | 37.88 3.48 -5.18 | 39.73 3.49 -6.92 | 34.85 3.19 -4.17 | 30.67 2.76 -3.23 | 26.37 2.62 -1.01 | 24.71 2.17 -1.05 | 22.38 1.85 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 20.89 1.22 0.00 | 19.60 1.13 0.00 | 17.64 0.95 0.00 | 17.26 0.93 0.00 | 18.64 1.01 0.00 | 19.30 1.01 0.00 | 18.93 1.02 0.00 | 20.09 0.96 0.00 | 20.15 0.89 0.00 | 20.43 1.10 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.30 1.26 0.00 | 21.20 1.26 0.00 | 20.99 1.26 0.00 | 22.45 1.39 0.00 | 24.67 1.85 0.00 | 31.61 2.40 0.00 | 31.76 2.43 0.00 | 29.78 2.28 0.00 | 26.67 2.00 0.00 | 24.62 1.87 0.00 | 23.00 1.50 0.00 | 21.83 1.29 0.00 |
| FORT ORANGE___ 23900 | 20.54 0.86 0.00 | 19.31 0.83 0.00 | 17.44 0.75 0.00 | 17.07 0.74 0.00 | 18.41 0.77 0.00 | 19.06 0.77 0.00 | 18.70 0.79 0.00 | 19.88 0.75 0.00 | 20.11 0.85 0.00 | 20.22 0.89 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.78 0.74 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.84 0.78 0.00 | 23.85 1.03 0.00 | 30.50 1.28 0.00 | 30.58 1.26 0.00 | 28.62 1.13 0.00 | 25.71 1.04 0.00 | 23.71 0.96 0.00 | 22.33 0.84 0.00 | 21.07 0.53 0.00 |
| FORT_DRUM_COGEN 23780 | 19.30 -0.37 0.00 | 18.11 -0.37 0.00 | 16.34 -0.35 0.00 | 15.99 -0.34 0.00 | 17.31 -0.32 0.00 | 18.00 -0.29 0.00 | 17.52 -0.39 0.00 | 18.81 -0.33 0.00 | 18.87 -0.39 0.00 | 19.04 -0.29 0.00 | 19.97 -0.20 0.00 | 19.98 -0.26 0.00 | 19.80 -0.24 0.00 | 19.75 -0.20 0.00 | 19.51 -0.22 0.00 | 20.96 -0.11 0.00 | 22.80 -0.02 0.00 | 29.39 0.18 0.00 | 29.53 0.21 0.00 | 27.63 0.14 0.00 | 24.82 0.15 0.00 | 22.73 -0.02 0.00 | 21.36 -0.13 0.00 | 20.43 -0.10 0.00 |
| FOX_HILLS___ESR 323835 | 21.22 1.53 -0.01 | 19.93 1.44 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.49 1.19 0.00 | 19.09 1.18 0.00 | 20.19 1.05 0.00 | 20.03 0.77 0.00 | 20.49 1.16 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.74 1.92 0.00 | 32.32 2.43 -0.68 | 55.87 2.49 -24.06 | 83.78 2.34 -53.94 | 26.77 2.10 0.00 | 24.82 2.05 -0.02 | 23.30 1.78 -0.02 | 22.10 1.56 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 23.18 1.73 -1.78 | 20.07 1.59 0.00 | 18.00 1.30 0.00 | 17.60 1.27 0.00 | 18.97 1.34 0.00 | 19.67 1.37 0.00 | 19.38 1.47 0.00 | 20.53 1.40 0.00 | 20.93 1.67 0.00 | 22.22 1.78 -1.12 | 22.02 1.85 0.00 | 22.17 1.90 -0.02 | 22.70 1.90 -0.76 | 21.80 1.86 0.00 | 21.76 1.88 -0.16 | 24.43 2.07 -1.31 | 32.14 2.49 -6.83 | 37.59 3.19 -5.18 | 39.49 3.25 -6.92 | 34.74 3.08 -4.17 | 30.59 2.69 -3.23 | 26.31 2.55 -1.01 | 24.84 2.30 -1.05 | 22.32 1.79 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 23.18 1.73 -1.78 | 20.07 1.59 0.00 | 18.00 1.30 0.00 | 17.60 1.27 0.00 | 18.97 1.34 0.00 | 19.67 1.37 0.00 | 19.38 1.47 0.00 | 20.53 1.40 0.00 | 20.93 1.67 0.00 | 22.22 1.78 -1.12 | 22.02 1.85 0.00 | 22.17 1.90 -0.02 | 22.70 1.90 -0.76 | 21.80 1.86 0.00 | 21.76 1.88 -0.16 | 24.43 2.07 -1.31 | 32.14 2.49 -6.83 | 37.59 3.19 -5.18 | 39.49 3.25 -6.92 | 34.74 3.08 -4.17 | 30.59 2.69 -3.23 | 26.31 2.55 -1.01 | 24.84 2.30 -1.05 | 22.32 1.79 0.00 |

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| FRANKLIN_FALL_HYD 24054 | 19.26 -0.41 0.00 | 18.05 -0.42 0.00 | 16.24 -0.45 0.00 | 15.84 -0.49 0.00 | 17.07 -0.56 0.00 | 17.69 -0.60 0.00 | 17.02 -0.90 0.00 | 18.70 -0.44 0.00 | 18.85 -0.40 0.00 | 18.73 -0.60 0.00 | 19.42 -0.75 0.00 | 19.49 -0.75 0.00 | 19.42 -0.62 0.00 | 19.45 -0.50 0.00 | 19.27 -0.45 0.00 | 20.43 -0.63 0.00 | 22.16 -0.66 0.00 | 28.60 -0.61 0.00 | 28.76 -0.56 0.00 | 26.97 -0.52 0.00 | 24.33 -0.35 0.00 | 22.25 -0.50 0.00 | 21.24 -0.26 0.00 | 20.64 0.10 0.00 |
| FREEPORT_EQUS_GT1 23764 | 23.10 1.65 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.60 1.30 0.00 | 19.31 1.40 0.00 | 20.45 1.32 0.00 | 20.86 1.60 0.00 | 22.15 1.70 -1.12 | 21.92 1.75 0.00 | 22.07 1.80 -0.02 | 22.60 1.80 -0.76 | 21.70 1.76 0.00 | 21.68 1.80 -0.16 | 24.33 1.96 -1.31 | 32.00 2.35 -6.83 | 37.41 3.01 -5.18 | 39.32 3.08 -6.92 | 34.55 2.89 -4.17 | 30.42 2.52 -3.23 | 26.15 2.39 -1.01 | 24.71 2.17 -1.05 | 22.18 1.64 0.00 |
| FREEPORT___CT2 23818 | 23.10 1.65 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.60 1.30 0.00 | 19.31 1.40 0.00 | 20.45 1.32 0.00 | 20.86 1.60 0.00 | 22.15 1.70 -1.12 | 21.92 1.75 0.00 | 22.07 1.80 -0.02 | 22.60 1.80 -0.76 | 21.70 1.76 0.00 | 21.68 1.80 -0.16 | 24.33 1.96 -1.31 | 32.00 2.35 -6.83 | 37.41 3.01 -5.18 | 39.32 3.08 -6.92 | 34.55 2.89 -4.17 | 30.42 2.52 -3.23 | 26.15 2.39 -1.01 | 24.71 2.17 -1.05 | 22.18 1.64 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 21.24 1.55 -0.01 | 19.96 1.48 -0.01 | 17.91 1.22 0.00 | 17.51 1.18 0.00 | 18.88 1.25 0.00 | 19.50 1.21 0.00 | 19.09 1.18 0.00 | 20.17 1.03 0.00 | 19.97 0.71 0.00 | 20.43 1.10 0.00 | 21.44 1.27 0.00 | 21.56 1.32 0.00 | 21.40 1.36 0.00 | 21.30 1.36 0.00 | 21.13 1.40 0.00 | 22.49 1.43 0.00 | 24.69 1.87 0.00 | 32.23 2.34 -0.68 | 55.78 2.40 -24.06 | 83.69 2.25 -53.94 | 26.72 2.05 0.00 | 24.80 2.02 -0.02 | 23.30 1.78 -0.02 | 22.10 1.56 0.00 |
| FULTON COGEN____ 23766 | 19.36 -0.31 0.00 | 18.16 -0.31 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.08 -0.22 0.00 | 17.71 -0.20 0.00 | 18.68 -0.46 0.00 | 18.76 -0.50 0.00 | 18.92 -0.41 0.00 | 19.85 -0.32 0.00 | 19.92 -0.32 0.00 | 19.72 -0.32 0.00 | 19.61 -0.34 0.00 | 19.35 -0.37 0.00 | 20.74 -0.32 0.00 | 22.46 -0.37 0.00 | 28.69 -0.53 0.00 | 28.79 -0.53 0.00 | 27.03 -0.47 0.00 | 24.25 -0.42 0.00 | 22.34 -0.41 0.00 | 21.09 -0.41 0.00 | 20.17 -0.37 0.00 |
| FULTON___LFGE 323630 | 21.68 2.01 0.00 | 20.45 1.98 0.00 | 18.51 1.82 0.00 | 18.08 1.75 0.00 | 19.54 1.90 0.00 | 20.31 2.01 0.00 | 19.95 2.04 0.00 | 21.16 2.03 0.00 | 21.38 2.12 0.00 | 21.44 2.11 0.00 | 22.53 2.36 0.00 | 22.63 2.39 0.00 | 22.32 2.28 0.00 | 22.12 2.17 0.00 | 22.02 2.29 0.00 | 23.78 2.72 0.00 | 26.22 3.40 0.00 | 33.66 4.44 0.00 | 33.69 4.37 0.00 | 31.56 4.07 0.00 | 28.37 3.70 0.00 | 26.12 3.37 0.00 | 24.44 2.94 0.00 | 23.18 2.65 0.00 |
| G.F.CEMENT___DRP 24184 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.54 0.85 0.00 | 17.15 0.82 0.00 | 18.51 0.88 0.00 | 19.19 0.90 0.00 | 18.84 0.93 0.00 | 20.03 0.90 0.00 | 20.15 0.89 0.00 | 20.35 1.02 0.00 | 21.36 1.19 0.00 | 21.44 1.19 0.00 | 21.16 1.12 0.00 | 20.98 1.04 0.00 | 20.83 1.10 0.00 | 22.32 1.26 0.00 | 24.56 1.73 0.00 | 31.50 2.28 0.00 | 31.52 2.20 0.00 | 29.50 2.01 0.00 | 26.50 1.83 0.00 | 24.39 1.64 0.00 | 22.78 1.29 0.00 | 21.66 1.13 0.00 |
| GARDENVILLE___LBMP 24039 | 19.12 -0.55 0.00 | 17.92 -0.55 0.00 | 16.51 -0.18 0.00 | 16.22 -0.11 0.00 | 17.49 -0.14 0.00 | 18.24 -0.05 0.00 | 17.91 0.00 0.00 | 17.93 -1.21 0.00 | 17.97 -1.29 0.00 | 18.25 -1.08 0.00 | 19.38 -0.79 0.00 | 19.41 -0.83 0.00 | 19.30 -0.74 0.00 | 19.17 -0.78 0.00 | 18.80 -0.93 0.00 | 20.32 -0.74 0.00 | 21.95 -0.87 0.00 | 27.67 -1.55 0.00 | 27.71 -1.61 0.00 | 26.28 -1.21 0.00 | 23.69 -0.99 0.00 | 21.96 -0.80 0.00 | 20.98 -0.52 0.00 | 20.58 0.04 0.00 |
| GARDNVLA_35_KV_LD 355827 | 19.22 -0.45 0.00 | 18.01 -0.46 0.00 | 16.59 -0.10 0.00 | 16.30 -0.03 0.00 | 17.58 -0.05 0.00 | 18.33 0.04 0.00 | 18.02 0.11 0.00 | 18.01 -1.13 0.00 | 18.05 -1.21 0.00 | 18.32 -1.01 0.00 | 19.48 -0.69 0.00 | 19.51 -0.73 0.00 | 19.38 -0.66 0.00 | 19.25 -0.70 0.00 | 18.88 -0.85 0.00 | 20.43 -0.63 0.00 | 22.04 -0.78 0.00 | 27.82 -1.40 0.00 | 27.86 -1.47 0.00 | 26.42 -1.07 0.00 | 23.81 -0.86 0.00 | 22.07 -0.68 0.00 | 21.09 -0.41 0.00 | 20.70 0.16 0.00 |
| GELCKHM___115KV_LOAD 80723 | 19.48 -0.20 0.00 | 18.29 -0.18 0.00 | 16.56 -0.13 0.00 | 16.22 -0.11 0.00 | 17.53 -0.11 0.00 | 18.22 -0.07 0.00 | 17.84 -0.07 0.00 | 18.81 -0.33 0.00 | 18.89 -0.37 0.00 | 19.06 -0.27 0.00 | 19.99 -0.18 0.00 | 20.06 -0.18 0.00 | 19.86 -0.18 0.00 | 19.75 -0.20 0.00 | 19.49 -0.24 0.00 | 20.89 -0.17 0.00 | 22.62 -0.21 0.00 | 28.90 -0.32 0.00 | 29.00 -0.32 0.00 | 27.22 -0.27 0.00 | 24.43 -0.25 0.00 | 22.52 -0.23 0.00 | 21.26 -0.24 0.00 | 20.33 -0.21 0.00 |
| GENERAL___MILLS 23808 | 19.20 -0.47 0.00 | 17.98 -0.50 0.00 | 16.58 -0.12 0.00 | 16.26 -0.07 0.00 | 17.54 -0.09 0.00 | 18.31 0.02 0.00 | 17.98 0.07 0.00 | 17.99 -1.15 0.00 | 18.03 -1.23 0.00 | 18.30 -1.02 0.00 | 19.44 -0.73 0.00 | 19.47 -0.77 0.00 | 19.36 -0.68 0.00 | 19.21 -0.74 0.00 | 18.84 -0.89 0.00 | 20.39 -0.67 0.00 | 22.02 -0.80 0.00 | 27.76 -1.46 0.00 | 27.80 -1.52 0.00 | 26.37 -1.13 0.00 | 23.76 -0.91 0.00 | 22.02 -0.73 0.00 | 21.06 -0.43 0.00 | 20.66 0.12 0.00 |
| GE_PLASTICS___DRP 24183 | 20.40 0.73 0.00 | 19.16 0.68 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.27 0.63 0.00 | 18.94 0.64 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.82 0.56 0.00 | 20.02 0.70 0.00 | 20.85 0.69 0.00 | 20.93 0.69 0.00 | 20.70 0.66 0.00 | 20.58 0.64 0.00 | 20.34 0.61 0.00 | 21.71 0.65 0.00 | 23.73 0.91 0.00 | 30.36 1.14 0.00 | 30.44 1.11 0.00 | 28.54 1.04 0.00 | 25.59 0.91 0.00 | 23.62 0.86 0.00 | 22.16 0.67 0.00 | 21.07 0.53 0.00 |
| GILBOA___1 23756 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.23 0.53 0.00 | 16.85 0.52 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.65 0.52 0.00 | 19.88 0.62 0.00 | 20.00 0.68 0.00 | 20.86 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.40 0.67 0.00 | 21.82 0.76 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.58 1.26 0.00 | 28.68 1.18 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.35 0.86 0.00 | 21.17 0.64 0.00 |
| GILBOA___2 23757 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.23 0.53 0.00 | 16.85 0.52 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.65 0.52 0.00 | 19.88 0.62 0.00 | 20.00 0.68 0.00 | 20.86 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.40 0.67 0.00 | 21.82 0.76 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.58 1.26 0.00 | 28.68 1.18 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.35 0.86 0.00 | 21.17 0.64 0.00 |
| GILBOA___3 23758 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.23 0.53 0.00 | 16.85 0.52 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.65 0.52 0.00 | 19.88 0.62 0.00 | 20.00 0.68 0.00 | 20.86 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.40 0.67 0.00 | 21.82 0.76 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.58 1.26 0.00 | 28.68 1.18 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.35 0.86 0.00 | 21.17 0.64 0.00 |

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| GILBOA___4 23759 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.23 0.53 0.00 | 16.85 0.52 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.65 0.52 0.00 | 19.88 0.62 0.00 | 20.00 0.68 0.00 | 20.86 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.40 0.67 0.00 | 21.82 0.76 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.58 1.26 0.00 | 28.68 1.18 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.35 0.86 0.00 | 21.17 0.64 0.00 |
| GILBOA____ 23599 | 20.32 0.65 0.00 | 19.09 0.61 0.00 | 17.23 0.53 0.00 | 16.85 0.52 0.00 | 18.20 0.56 0.00 | 18.86 0.57 0.00 | 18.50 0.59 0.00 | 19.65 0.52 0.00 | 19.72 0.46 0.00 | 19.95 0.62 0.00 | 20.85 0.69 0.00 | 20.93 0.69 0.00 | 20.72 0.68 0.00 | 20.60 0.66 0.00 | 20.40 0.67 0.00 | 21.80 0.74 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.58 1.26 0.00 | 28.68 1.18 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.25 0.75 0.00 | 21.19 0.66 0.00 |
| GINNA____ 23603 | 18.34 -1.34 0.00 | 17.20 -1.27 0.00 | 15.66 -1.03 0.00 | 15.33 -1.00 0.00 | 16.59 -1.04 0.00 | 17.33 -0.97 0.00 | 16.94 -0.97 0.00 | 17.59 -1.55 0.00 | 17.68 -1.58 0.00 | 17.88 -1.45 0.00 | 18.86 -1.31 0.00 | 18.91 -1.34 0.00 | 18.74 -1.30 0.00 | 18.61 -1.34 0.00 | 18.33 -1.40 0.00 | 19.71 -1.35 0.00 | 21.34 -1.48 0.00 | 27.20 -2.02 0.00 | 27.30 -2.02 0.00 | 25.68 -1.82 0.00 | 23.04 -1.63 0.00 | 21.30 -1.46 0.00 | 20.18 -1.31 0.00 | 19.34 -1.19 0.00 |
| GLEN PARK____ 23778 | 19.36 -0.32 0.00 | 18.18 -0.30 0.00 | 16.41 -0.28 0.00 | 16.05 -0.28 0.00 | 17.40 -0.23 0.00 | 18.10 -0.20 0.00 | 17.59 -0.32 0.00 | 18.89 -0.25 0.00 | 18.95 -0.31 0.00 | 19.12 -0.21 0.00 | 20.07 -0.10 0.00 | 20.06 -0.18 0.00 | 19.90 -0.14 0.00 | 19.83 -0.12 0.00 | 19.59 -0.14 0.00 | 21.04 -0.02 0.00 | 22.91 0.09 0.00 | 29.60 0.38 0.00 | 29.73 0.41 0.00 | 27.80 0.30 0.00 | 24.97 0.30 0.00 | 22.84 0.09 0.00 | 21.47 -0.02 0.00 | 20.53 0.00 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 21.14 1.46 -0.01 | 19.85 1.37 -0.01 | 17.84 1.15 0.00 | 17.44 1.11 0.00 | 18.81 1.18 0.00 | 19.49 1.19 0.00 | 19.13 1.22 0.00 | 20.26 1.13 0.00 | 20.16 0.91 0.00 | 20.60 1.28 0.00 | 21.62 1.45 0.00 | 21.74 1.50 0.00 | 21.56 1.52 0.00 | 21.46 1.52 0.00 | 21.27 1.54 0.00 | 22.64 1.58 0.00 | 24.81 1.99 0.00 | 31.89 2.57 -0.10 | 35.41 2.64 -3.45 | 37.71 2.47 -7.74 | 26.84 2.17 0.00 | 24.87 2.12 0.00 | 23.26 1.76 0.00 | 22.12 1.58 0.00 |
| GLENWOOD_IC_1_G5 23712 | 23.04 1.59 -1.78 | 19.95 1.48 0.00 | 17.89 1.20 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.27 1.36 0.00 | 20.42 1.28 0.00 | 20.51 1.25 0.00 | 21.99 1.55 -1.12 | 21.88 1.71 0.00 | 22.03 1.76 -0.02 | 22.54 1.74 -0.76 | 21.66 1.72 0.00 | 21.62 1.74 -0.16 | 24.22 1.85 -1.31 | 31.93 2.28 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.50 1.96 -1.05 | 22.18 1.64 0.00 |
| GLENWOOD_IC_2_G1 23688 | 23.00 1.55 -1.78 | 19.90 1.42 0.00 | 17.86 1.17 0.00 | 17.47 1.14 0.00 | 18.83 1.20 0.00 | 19.50 1.21 0.00 | 19.24 1.33 0.00 | 20.38 1.24 0.00 | 20.76 1.50 0.00 | 22.05 1.60 -1.12 | 21.82 1.65 0.00 | 21.97 1.70 -0.02 | 22.48 1.68 -0.76 | 21.60 1.65 0.00 | 21.56 1.68 -0.16 | 24.22 1.85 -1.31 | 31.89 2.24 -6.83 | 37.27 2.86 -5.18 | 39.17 2.93 -6.92 | 34.41 2.75 -4.17 | 30.30 2.39 -3.23 | 26.03 2.27 -1.01 | 24.60 2.06 -1.05 | 22.09 1.56 0.00 |
| GLENWOOD_IC_3_G1 23689 | 23.00 1.55 -1.78 | 19.90 1.42 0.00 | 17.86 1.17 0.00 | 17.47 1.14 0.00 | 18.83 1.20 0.00 | 19.50 1.21 0.00 | 19.24 1.33 0.00 | 20.38 1.24 0.00 | 20.76 1.50 0.00 | 22.05 1.60 -1.12 | 21.82 1.65 0.00 | 21.97 1.70 -0.02 | 22.48 1.68 -0.76 | 21.60 1.65 0.00 | 21.56 1.68 -0.16 | 24.22 1.85 -1.31 | 31.89 2.24 -6.83 | 37.27 2.86 -5.18 | 39.17 2.93 -6.92 | 34.41 2.75 -4.17 | 30.30 2.39 -3.23 | 26.03 2.27 -1.01 | 24.60 2.06 -1.05 | 22.09 1.56 0.00 |
| GLENWOOD___4 23550 | 23.04 1.59 -1.78 | 19.95 1.48 0.00 | 17.89 1.20 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.27 1.36 0.00 | 20.42 1.28 0.00 | 20.51 1.25 0.00 | 21.99 1.55 -1.12 | 21.88 1.71 0.00 | 22.03 1.76 -0.02 | 22.54 1.74 -0.76 | 21.66 1.72 0.00 | 21.62 1.74 -0.16 | 24.22 1.85 -1.31 | 31.93 2.28 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.50 1.96 -1.05 | 22.18 1.64 0.00 |
| GLENWOOD___5 23614 | 23.04 1.59 -1.78 | 19.95 1.48 0.00 | 17.89 1.20 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.27 1.36 0.00 | 20.42 1.28 0.00 | 20.51 1.25 0.00 | 21.99 1.55 -1.12 | 21.88 1.71 0.00 | 22.03 1.76 -0.02 | 22.54 1.74 -0.76 | 21.66 1.72 0.00 | 21.62 1.74 -0.16 | 24.22 1.85 -1.31 | 31.93 2.28 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.50 1.96 -1.05 | 22.18 1.64 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 23.99 2.54 -1.78 | 20.84 2.37 0.00 | 18.63 1.94 0.00 | 18.26 1.93 0.00 | 19.66 2.03 0.00 | 20.40 2.10 0.00 | 20.17 2.26 0.00 | 21.26 2.12 0.00 | 21.69 2.43 0.00 | 22.96 2.51 -1.12 | 22.69 2.52 0.00 | 22.80 2.53 -0.02 | 23.24 2.44 -0.76 | 22.38 2.43 0.00 | 22.35 2.47 -0.16 | 25.04 2.68 -1.31 | 32.92 3.26 -6.83 | 38.81 4.41 -5.18 | 40.58 4.34 -6.92 | 35.60 3.93 -4.17 | 31.26 3.35 -3.23 | 26.92 3.16 -1.01 | 25.40 2.86 -1.05 | 22.83 2.30 0.00 |
| GLOBE___DSASP 323697 | 18.40 -1.28 0.00 | 17.26 -1.22 0.00 | 15.91 -0.78 0.00 | 15.61 -0.72 0.00 | 16.91 -0.72 0.00 | 17.64 -0.66 0.00 | 17.23 -0.68 0.00 | 17.24 -1.89 0.00 | 17.29 -1.96 0.00 | 17.53 -1.80 0.00 | 18.62 -1.55 0.00 | 18.64 -1.60 0.00 | 18.52 -1.52 0.00 | 18.39 -1.56 0.00 | 18.05 -1.68 0.00 | 19.50 -1.56 0.00 | 21.02 -1.80 0.00 | 26.38 -2.83 0.00 | 26.42 -2.90 0.00 | 25.10 -2.39 0.00 | 22.63 -2.05 0.00 | 21.00 -1.75 0.00 | 20.14 -1.35 0.00 | 19.71 -0.82 0.00 |
| GOETHSLN___LBMP 323567 | 20.85 1.18 0.00 | 18.15 1.11 1.44 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.90 0.99 0.00 | 20.09 0.96 0.00 | 20.11 0.85 0.00 | 20.49 1.16 0.00 | 21.48 1.31 0.00 | 21.58 1.34 0.00 | 21.40 1.36 0.00 | 21.30 1.36 0.00 | 21.11 1.38 0.00 | 22.49 1.43 0.00 | 24.65 1.83 0.00 | 31.58 2.37 0.00 | 31.76 2.43 0.00 | 29.80 2.31 0.00 | 26.67 2.00 0.00 | 24.66 1.91 0.00 | 23.00 1.50 0.00 | 21.81 1.27 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 19.18 -0.49 0.00 | 17.98 -0.50 0.00 | 16.44 -0.25 0.00 | 16.12 -0.21 0.00 | 17.42 -0.21 0.00 | 18.15 -0.15 0.00 | 17.80 -0.11 0.00 | 18.24 -0.90 0.00 | 18.32 -0.94 0.00 | 18.57 -0.75 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.50 -0.54 0.00 | 19.35 -0.60 0.00 | 19.04 -0.69 0.00 | 20.51 -0.55 0.00 | 22.18 -0.64 0.00 | 28.17 -1.05 0.00 | 28.27 -1.06 0.00 | 26.70 -0.80 0.00 | 24.01 -0.67 0.00 | 22.21 -0.55 0.00 | 21.13 -0.37 0.00 | 20.41 -0.12 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 20.56 0.89 0.00 | 19.34 0.87 0.00 | 17.48 0.78 0.00 | 17.08 0.75 0.00 | 18.48 0.85 0.00 | 19.21 0.91 0.00 | 18.79 0.88 0.00 | 19.96 0.82 0.00 | 20.05 0.79 0.00 | 20.28 0.95 0.00 | 21.28 1.11 0.00 | 21.36 1.11 0.00 | 21.12 1.08 0.00 | 21.00 1.06 0.00 | 20.77 1.05 0.00 | 22.24 1.18 0.00 | 24.33 1.51 0.00 | 31.20 1.99 0.00 | 31.32 1.99 0.00 | 29.36 1.87 0.00 | 26.33 1.65 0.00 | 24.28 1.52 0.00 | 22.76 1.27 0.00 | 21.75 1.21 0.00 |

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| GOUDEY___7 345031 | 19.97 0.30 0.00 | 18.74 0.26 0.00 | 16.99 0.30 0.00 | 16.64 0.31 0.00 | 17.98 0.35 0.00 | 18.70 0.40 0.00 | 18.34 0.43 0.00 | 19.23 0.10 0.00 | 19.30 0.04 0.00 | 19.48 0.15 0.00 | 20.47 0.30 0.00 | 20.55 0.30 0.00 | 20.36 0.32 0.00 | 20.24 0.30 0.00 | 19.97 0.24 0.00 | 21.42 0.36 0.00 | 23.32 0.50 0.00 | 29.77 0.56 0.00 | 29.88 0.56 0.00 | 28.07 0.58 0.00 | 25.19 0.52 0.00 | 23.28 0.52 0.00 | 21.92 0.43 0.00 | 21.05 0.51 0.00 |
| GOUDEY___7 23579 | 19.97 0.30 0.00 | 18.75 0.28 0.00 | 17.01 0.32 0.00 | 16.66 0.33 0.00 | 18.00 0.37 0.00 | 18.72 0.42 0.00 | 18.36 0.45 0.00 | 19.25 0.11 0.00 | 19.32 0.06 0.00 | 19.50 0.17 0.00 | 20.49 0.32 0.00 | 20.57 0.32 0.00 | 20.38 0.34 0.00 | 20.26 0.32 0.00 | 19.99 0.26 0.00 | 21.44 0.38 0.00 | 23.35 0.52 0.00 | 29.80 0.58 0.00 | 29.91 0.59 0.00 | 28.10 0.60 0.00 | 25.22 0.54 0.00 | 23.30 0.55 0.00 | 21.94 0.45 0.00 | 21.07 0.53 0.00 |
| GOUDEY___8 23580 | 19.97 0.30 0.00 | 18.74 0.26 0.00 | 16.99 0.30 0.00 | 16.64 0.31 0.00 | 17.98 0.35 0.00 | 18.70 0.40 0.00 | 18.34 0.43 0.00 | 19.23 0.10 0.00 | 19.30 0.04 0.00 | 19.48 0.15 0.00 | 20.47 0.30 0.00 | 20.55 0.30 0.00 | 20.36 0.32 0.00 | 20.24 0.30 0.00 | 19.97 0.24 0.00 | 21.42 0.36 0.00 | 23.32 0.50 0.00 | 29.77 0.56 0.00 | 29.88 0.56 0.00 | 28.07 0.58 0.00 | 25.19 0.52 0.00 | 23.28 0.52 0.00 | 21.92 0.43 0.00 | 21.05 0.51 0.00 |
| GOWANUS_GT1_1 24077 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_2 24078 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_3 24079 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_4 24080 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_5 24084 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_6 24111 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_7 24112 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT1_8 24113 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT2_1 24114 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_2 24115 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_3 24116 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_4 24117 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |

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| GOWANUS_GT2_5 24118 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_6 24119 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_7 24120 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT2_8 24121 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_1 24122 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_2 24123 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_3 24124 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_4 24125 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_5 24126 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_6 24127 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_7 24128 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT3_8 24129 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| GOWANUS_GT4_1 24130 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_2 24131 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_3 24132 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_4 24133 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_5 24134 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_6 24135 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_7 24136 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GOWANUS_GT4_8 24137 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GREENBSH_115KV_TB3 55895 | 20.44 0.77 0.00 | 19.22 0.74 0.00 | 17.36 0.67 0.00 | 16.98 0.65 0.00 | 18.32 0.69 0.00 | 18.97 0.68 0.00 | 18.61 0.70 0.00 | 19.79 0.65 0.00 | 19.88 0.62 0.00 | 20.06 0.73 0.00 | 20.88 0.71 0.00 | 20.93 0.69 0.00 | 20.70 0.66 0.00 | 20.58 0.64 0.00 | 20.30 0.57 0.00 | 21.67 0.61 0.00 | 23.69 0.87 0.00 | 30.30 1.08 0.00 | 30.38 1.06 0.00 | 28.43 0.93 0.00 | 25.54 0.86 0.00 | 23.57 0.82 0.00 | 22.10 0.60 0.00 | 20.97 0.43 0.00 |
| GREENDGE_115KV_TB5 80291 | 20.03 0.35 0.00 | 18.75 0.28 0.00 | 17.06 0.37 0.00 | 16.71 0.38 0.00 | 18.09 0.46 0.00 | 18.88 0.59 0.00 | 18.50 0.59 0.00 | 19.31 0.17 0.00 | 19.36 0.10 0.00 | 19.52 0.19 0.00 | 20.57 0.40 0.00 | 20.63 0.38 0.00 | 20.42 0.38 0.00 | 20.28 0.34 0.00 | 20.00 0.28 0.00 | 21.55 0.48 0.00 | 23.48 0.66 0.00 | 30.04 0.82 0.00 | 30.17 0.85 0.00 | 28.35 0.85 0.00 | 25.41 0.74 0.00 | 23.43 0.68 0.00 | 22.07 0.58 0.00 | 21.21 0.68 0.00 |
| GREENIDGE___3 23582 | 20.03 0.35 0.00 | 18.75 0.28 0.00 | 17.06 0.37 0.00 | 16.71 0.38 0.00 | 18.09 0.46 0.00 | 18.88 0.59 0.00 | 18.50 0.59 0.00 | 19.31 0.17 0.00 | 19.36 0.10 0.00 | 19.52 0.19 0.00 | 20.57 0.40 0.00 | 20.63 0.38 0.00 | 20.42 0.38 0.00 | 20.28 0.34 0.00 | 20.00 0.28 0.00 | 21.55 0.48 0.00 | 23.48 0.66 0.00 | 30.04 0.82 0.00 | 30.17 0.85 0.00 | 28.35 0.85 0.00 | 25.41 0.74 0.00 | 23.43 0.68 0.00 | 22.07 0.58 0.00 | 21.21 0.68 0.00 |
| GREENIDGE___4 23583 | 20.03 0.35 0.00 | 18.75 0.28 0.00 | 17.06 0.37 0.00 | 16.71 0.38 0.00 | 18.09 0.46 0.00 | 18.90 0.60 0.00 | 18.50 0.59 0.00 | 19.31 0.17 0.00 | 19.45 0.19 0.00 | 19.56 0.23 0.00 | 20.57 0.40 0.00 | 20.63 0.38 0.00 | 20.44 0.40 0.00 | 20.28 0.34 0.00 | 20.00 0.28 0.00 | 21.55 0.48 0.00 | 23.48 0.66 0.00 | 30.03 0.82 0.00 | 30.17 0.85 0.00 | 28.35 0.85 0.00 | 25.41 0.74 0.00 | 23.43 0.68 0.00 | 22.14 0.64 0.00 | 21.19 0.66 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 23.08 1.63 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.59 1.30 0.00 | 19.31 1.40 0.00 | 20.46 1.32 0.00 | 20.55 1.29 0.00 | 22.05 1.60 -1.12 | 21.92 1.75 0.00 | 22.07 1.80 -0.02 | 22.58 1.78 -0.76 | 21.70 1.76 0.00 | 21.66 1.78 -0.16 | 24.26 1.90 -1.31 | 32.00 2.35 -6.83 | 37.44 3.04 -5.18 | 39.35 3.11 -6.92 | 34.58 2.91 -4.17 | 30.45 2.54 -3.23 | 26.15 2.39 -1.01 | 24.52 1.98 -1.05 | 22.20 1.66 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |
| GRISSOM___SOLAR 323813 | 21.68 2.01 0.00 | 20.45 1.98 0.00 | 18.51 1.82 0.00 | 18.08 1.75 0.00 | 19.54 1.90 0.00 | 20.31 2.01 0.00 | 19.95 2.04 0.00 | 21.16 2.03 0.00 | 21.38 2.12 0.00 | 21.44 2.11 0.00 | 22.53 2.36 0.00 | 22.63 2.39 0.00 | 22.32 2.28 0.00 | 22.12 2.17 0.00 | 22.02 2.29 0.00 | 23.78 2.72 0.00 | 26.22 3.40 0.00 | 33.66 4.44 0.00 | 33.69 4.37 0.00 | 31.56 4.07 0.00 | 28.37 3.70 0.00 | 26.12 3.37 0.00 | 24.44 2.94 0.00 | 23.18 2.65 0.00 |
| GROVEVILLE___HYD 323602 | 20.89 1.22 0.00 | 19.60 1.13 0.00 | 17.64 0.95 0.00 | 17.26 0.93 0.00 | 18.64 1.01 0.00 | 19.30 1.01 0.00 | 18.93 1.02 0.00 | 20.09 0.96 0.00 | 20.15 0.89 0.00 | 20.43 1.10 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.30 1.26 0.00 | 21.20 1.26 0.00 | 20.99 1.26 0.00 | 22.45 1.39 0.00 | 24.67 1.85 0.00 | 31.61 2.40 0.00 | 31.76 2.43 0.00 | 29.78 2.28 0.00 | 26.67 2.00 0.00 | 24.62 1.87 0.00 | 23.00 1.50 0.00 | 21.83 1.29 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 19.65 -0.02 0.00 | 18.42 -0.06 0.00 | 16.69 0.00 0.00 | 16.35 0.02 0.00 | 17.67 0.04 0.00 | 18.39 0.09 0.00 | 18.02 0.11 0.00 | 18.96 -0.17 0.00 | 19.05 -0.21 0.00 | 19.21 -0.12 0.00 | 20.17 0.00 0.00 | 20.24 0.00 0.00 | 20.04 0.00 0.00 | 19.93 -0.02 0.00 | 19.67 -0.06 0.00 | 21.08 0.02 0.00 | 22.84 0.02 0.00 | 29.22 0.00 0.00 | 29.32 0.00 0.00 | 27.52 0.03 0.00 | 24.70 0.02 0.00 | 22.75 0.00 0.00 | 21.47 -0.02 0.00 | 20.53 0.00 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 18.98 -0.69 0.00 | 17.81 -0.66 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.54 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.56 0.00 | 18.57 -0.69 0.00 | 18.63 -0.70 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.45 -0.61 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.72 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.85 -0.64 0.00 | 20.10 -0.43 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 19.42 -0.26 0.00 | 18.27 -0.20 0.00 | 16.51 -0.18 0.00 | 16.17 -0.16 0.00 | 17.49 -0.14 0.00 | 18.19 -0.11 0.00 | 17.82 -0.09 0.00 | 19.04 -0.10 0.00 | 19.20 -0.06 0.00 | 19.31 -0.02 0.00 | 20.15 -0.02 0.00 | 20.24 0.00 0.00 | 20.04 0.00 0.00 | 19.97 0.02 0.00 | 19.75 0.02 0.00 | 21.12 0.06 0.00 | 23.03 0.20 0.00 | 29.54 0.32 0.00 | 29.64 0.32 0.00 | 27.80 0.30 0.00 | 24.97 0.30 0.00 | 23.09 0.34 0.00 | 21.79 0.30 0.00 | 20.78 0.25 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.70 1.02 0.00 | 19.42 0.94 0.00 | 17.48 0.78 0.00 | 17.10 0.77 0.00 | 18.46 0.83 0.00 | 19.12 0.82 0.00 | 18.77 0.86 0.00 | 19.92 0.78 0.00 | 19.99 0.73 0.00 | 20.28 0.95 0.00 | 21.26 1.09 0.00 | 21.36 1.11 0.00 | 21.12 1.08 0.00 | 21.02 1.08 0.00 | 20.81 1.09 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.26 2.05 0.00 | 31.40 2.08 0.00 | 29.45 1.95 0.00 | 26.38 1.70 0.00 | 24.39 1.64 0.00 | 22.78 1.29 0.00 | 21.62 1.09 0.00 |
| HARSNRAD_115KV_TB1 81005 | 18.85 -0.83 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.99 -0.34 0.00 | 17.21 -0.42 0.00 | 17.97 -0.33 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.68 -1.58 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.96 -1.08 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.97 -1.10 0.00 | 21.54 -1.28 0.00 | 27.11 -2.10 0.00 | 27.18 -2.14 0.00 | 25.76 -1.73 0.00 | 23.22 -1.46 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.19 -0.35 0.00 |
| HARZA MOOSE___RIVER 24016 | 19.69 0.02 0.00 | 18.48 0.00 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.33 0.04 0.00 | 17.89 -0.02 0.00 | 19.19 0.06 0.00 | 19.26 0.00 0.00 | 19.41 0.08 0.00 | 20.33 0.16 0.00 | 20.36 0.12 0.00 | 20.20 0.16 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.31 0.25 0.00 | 23.21 0.39 0.00 | 29.83 0.61 0.00 | 29.97 0.65 0.00 | 28.04 0.55 0.00 | 25.19 0.52 0.00 | 23.14 0.39 0.00 | 21.75 0.26 0.00 | 20.82 0.29 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 19.52 -0.16 0.00 | 18.31 -0.17 0.00 | 16.59 -0.10 0.00 | 16.23 -0.10 0.00 | 17.54 -0.09 0.00 | 18.24 -0.05 0.00 | 17.88 -0.04 0.00 | 18.83 -0.31 0.00 | 18.91 -0.35 0.00 | 19.08 -0.25 0.00 | 20.01 -0.16 0.00 | 20.08 -0.16 0.00 | 19.88 -0.16 0.00 | 19.77 -0.18 0.00 | 19.51 -0.22 0.00 | 20.91 -0.15 0.00 | 22.66 -0.16 0.00 | 28.93 -0.29 0.00 | 29.03 -0.29 0.00 | 27.27 -0.22 0.00 | 24.45 -0.22 0.00 | 22.55 -0.20 0.00 | 21.28 -0.21 0.00 | 20.37 -0.16 0.00 |
| HELLGATE_13_KV_LD 55870 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.79 1.10 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.50 2.31 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.03 1.50 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.79 1.10 0.00 | 17.39 1.06 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.74 2.43 -0.10 | 35.22 2.46 -3.43 | 37.50 2.31 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.03 1.50 0.00 |
| HEMPSTEAD____ 23647 | 22.96 1.52 -1.78 | 19.88 1.40 0.00 | 17.83 1.14 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.48 1.19 0.00 | 19.20 1.29 0.00 | 20.34 1.21 0.00 | 20.74 1.48 0.00 | 22.03 1.59 -1.12 | 21.80 1.63 0.00 | 21.95 1.68 -0.02 | 22.46 1.66 -0.76 | 21.58 1.64 0.00 | 21.54 1.66 -0.16 | 24.18 1.81 -1.31 | 31.84 2.19 -6.83 | 37.21 2.81 -5.18 | 39.11 2.88 -6.92 | 34.36 2.70 -4.17 | 30.25 2.35 -3.23 | 25.96 2.21 -1.01 | 24.56 2.02 -1.05 | 22.03 1.50 0.00 |
| HEWLETT__69_KV_BK3 55828 | 23.10 1.65 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.59 1.30 0.00 | 19.31 1.40 0.00 | 20.46 1.32 0.00 | 20.55 1.29 0.00 | 22.03 1.58 -1.12 | 21.92 1.75 0.00 | 22.07 1.80 -0.02 | 22.60 1.80 -0.76 | 21.70 1.76 0.00 | 21.66 1.78 -0.16 | 24.26 1.90 -1.31 | 32.00 2.35 -6.83 | 37.44 3.04 -5.18 | 39.32 3.08 -6.92 | 34.58 2.91 -4.17 | 30.47 2.57 -3.23 | 26.17 2.41 -1.01 | 24.56 2.02 -1.05 | 22.26 1.72 0.00 |
| HICKLING___1 23621 | 20.11 0.43 0.00 | 18.85 0.37 0.00 | 17.16 0.47 0.00 | 16.82 0.49 0.00 | 18.20 0.56 0.00 | 18.97 0.68 0.00 | 18.59 0.68 0.00 | 19.37 0.23 0.00 | 19.39 0.13 0.00 | 19.60 0.27 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.54 0.50 0.00 | 20.40 0.46 0.00 | 20.10 0.37 0.00 | 21.63 0.57 0.00 | 23.60 0.78 0.00 | 30.09 0.88 0.00 | 30.23 0.91 0.00 | 28.43 0.93 0.00 | 25.54 0.86 0.00 | 23.59 0.84 0.00 | 22.20 0.71 0.00 | 21.42 0.88 0.00 |
| HICKLING___2 23622 | 20.11 0.43 0.00 | 18.85 0.37 0.00 | 17.16 0.47 0.00 | 16.82 0.49 0.00 | 18.20 0.56 0.00 | 18.97 0.68 0.00 | 18.59 0.68 0.00 | 19.37 0.23 0.00 | 19.39 0.13 0.00 | 19.60 0.27 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.54 0.50 0.00 | 20.40 0.46 0.00 | 20.10 0.37 0.00 | 21.63 0.57 0.00 | 23.60 0.78 0.00 | 30.09 0.88 0.00 | 30.23 0.91 0.00 | 28.43 0.93 0.00 | 25.54 0.86 0.00 | 23.59 0.84 0.00 | 22.20 0.71 0.00 | 21.42 0.88 0.00 |
| HIGH FALLS___HY 23754 | 20.76 1.08 0.00 | 19.44 0.96 0.00 | 17.48 0.78 0.00 | 17.10 0.77 0.00 | 18.48 0.85 0.00 | 19.16 0.86 0.00 | 18.77 0.86 0.00 | 19.92 0.78 0.00 | 19.95 0.69 0.00 | 20.24 0.91 0.00 | 21.26 1.09 0.00 | 21.33 1.09 0.00 | 21.12 1.08 0.00 | 21.02 1.08 0.00 | 20.87 1.14 0.00 | 22.35 1.28 0.00 | 24.58 1.76 0.00 | 31.53 2.31 0.00 | 31.70 2.38 0.00 | 29.72 2.23 0.00 | 26.60 1.92 0.00 | 24.57 1.82 0.00 | 22.96 1.46 0.00 | 21.79 1.25 0.00 |
| HILLBURN___GT 23639 | 20.70 1.02 0.00 | 19.42 0.94 0.00 | 17.48 0.78 0.00 | 17.10 0.77 0.00 | 18.44 0.81 0.00 | 19.10 0.80 0.00 | 18.77 0.86 0.00 | 19.92 0.78 0.00 | 20.26 1.00 0.00 | 20.39 1.06 0.00 | 21.28 1.11 0.00 | 21.37 1.13 0.00 | 21.16 1.12 0.00 | 21.04 1.10 0.00 | 20.83 1.10 0.00 | 22.30 1.24 0.00 | 24.42 1.60 0.00 | 31.23 2.01 0.00 | 31.37 2.05 0.00 | 29.45 1.95 0.00 | 26.37 1.70 0.00 | 24.39 1.64 0.00 | 22.93 1.44 0.00 | 21.58 1.05 0.00 |
| HILLSIDE_115KV_TB1 80332 | 19.83 0.16 0.00 | 18.61 0.13 0.00 | 16.94 0.25 0.00 | 16.61 0.28 0.00 | 17.95 0.32 0.00 | 18.70 0.40 0.00 | 18.32 0.41 0.00 | 19.08 -0.06 0.00 | 19.12 -0.13 0.00 | 19.33 0.00 0.00 | 20.37 0.20 0.00 | 20.42 0.18 0.00 | 20.24 0.20 0.00 | 20.12 0.18 0.00 | 19.83 0.10 0.00 | 21.31 0.25 0.00 | 23.21 0.39 0.00 | 29.57 0.35 0.00 | 29.67 0.35 0.00 | 27.93 0.44 0.00 | 25.09 0.42 0.00 | 23.18 0.43 0.00 | 21.84 0.34 0.00 | 21.09 0.55 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HISHELDN_WT_PWR 323625 | 18.93 -0.75 0.00 | 17.74 -0.74 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.19 -0.11 0.00 | 17.79 -0.12 0.00 | 17.82 -1.32 0.00 | 17.89 -1.37 0.00 | 18.13 -1.20 0.00 | 19.26 -0.91 0.00 | 19.29 -0.95 0.00 | 19.20 -0.84 0.00 | 19.03 -0.92 0.00 | 18.66 -1.07 0.00 | 20.22 -0.84 0.00 | 21.84 -0.98 0.00 | 27.58 -1.64 0.00 | 27.56 -1.76 0.00 | 26.12 -1.37 0.00 | 23.54 -1.13 0.00 | 21.84 -0.91 0.00 | 20.87 -0.62 0.00 | 20.35 -0.19 0.00 |
| HOLTSVILLE_IC_1 23690 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| HOLTSVILLE_IC_10 23699 | 23.38 1.93 -1.78 | 20.29 1.81 0.00 | 18.14 1.45 0.00 | 17.77 1.44 0.00 | 19.13 1.50 0.00 | 19.85 1.55 0.00 | 19.59 1.68 0.00 | 20.71 1.57 0.00 | 21.11 1.85 0.00 | 22.40 1.95 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.82 3.16 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.32 1.79 0.00 |
| HOLTSVILLE_IC_2 23691 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| HOLTSVILLE_IC_3 23692 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| HOLTSVILLE_IC_4 23693 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| HOLTSVILLE_IC_5 23694 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| HOLTSVILLE_IC_6 23695 | 23.38 1.93 -1.78 | 20.29 1.81 0.00 | 18.14 1.45 0.00 | 17.77 1.44 0.00 | 19.13 1.50 0.00 | 19.85 1.55 0.00 | 19.59 1.68 0.00 | 20.71 1.57 0.00 | 21.11 1.85 0.00 | 22.40 1.95 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.82 3.16 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.32 1.79 0.00 |
| HOLTSVILLE_IC_7 23696 | 23.38 1.93 -1.78 | 20.29 1.81 0.00 | 18.14 1.45 0.00 | 17.77 1.44 0.00 | 19.13 1.50 0.00 | 19.85 1.55 0.00 | 19.59 1.68 0.00 | 20.71 1.57 0.00 | 21.11 1.85 0.00 | 22.40 1.95 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.82 3.16 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.32 1.79 0.00 |
| HOLTSVILLE_IC_8 23697 | 23.38 1.93 -1.78 | 20.29 1.81 0.00 | 18.14 1.45 0.00 | 17.77 1.44 0.00 | 19.13 1.50 0.00 | 19.85 1.55 0.00 | 19.59 1.68 0.00 | 20.71 1.57 0.00 | 21.11 1.85 0.00 | 22.40 1.95 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.82 3.16 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.32 1.79 0.00 |
| HOLTSVILLE_IC_9 23698 | 23.38 1.93 -1.78 | 20.29 1.81 0.00 | 18.14 1.45 0.00 | 17.77 1.44 0.00 | 19.13 1.50 0.00 | 19.85 1.55 0.00 | 19.59 1.68 0.00 | 20.71 1.57 0.00 | 21.11 1.85 0.00 | 22.40 1.95 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.82 3.16 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.32 1.79 0.00 |
| HOMER_HL_115KV_TB2 355744 | 19.58 -0.10 0.00 | 18.33 -0.15 0.00 | 16.88 0.18 0.00 | 16.57 0.24 0.00 | 17.88 0.25 0.00 | 18.63 0.33 0.00 | 18.31 0.39 0.00 | 18.33 -0.80 0.00 | 18.35 -0.91 0.00 | 18.63 -0.70 0.00 | 19.79 -0.38 0.00 | 19.84 -0.40 0.00 | 19.72 -0.32 0.00 | 19.57 -0.38 0.00 | 19.18 -0.55 0.00 | 20.72 -0.34 0.00 | 22.46 -0.37 0.00 | 28.40 -0.82 0.00 | 28.47 -0.85 0.00 | 26.92 -0.58 0.00 | 24.23 -0.44 0.00 | 22.50 -0.25 0.00 | 21.36 -0.13 0.00 | 21.11 0.57 0.00 |
| HOWARD_WT_PWR 323690 | 20.22 0.55 0.00 | 18.98 0.50 0.00 | 17.29 0.60 0.00 | 16.98 0.65 0.00 | 18.43 0.79 0.00 | 19.28 0.99 0.00 | 18.90 0.98 0.00 | 19.67 0.54 0.00 | 19.84 0.58 0.00 | 19.93 0.60 0.00 | 21.00 0.83 0.00 | 21.07 0.83 0.00 | 20.92 0.88 0.00 | 20.76 0.82 0.00 | 20.46 0.73 0.00 | 22.05 0.99 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 31.02 1.70 0.00 | 29.17 1.68 0.00 | 26.15 1.48 0.00 | 24.12 1.37 0.00 | 22.76 1.27 0.00 | 21.83 1.29 0.00 |
| HQ_GEN_CEDARS 23644 | 19.20 -0.47 0.00 | 18.03 -0.44 0.00 | 16.26 -0.43 0.00 | 15.91 -0.42 0.00 | 17.14 -0.49 0.00 | 17.77 -0.53 0.00 | 17.27 -0.64 0.00 | 18.96 -0.17 0.00 | 19.12 -0.13 0.00 | 19.00 -0.33 0.00 | 19.60 -0.56 0.00 | 19.68 -0.57 0.00 | 19.50 -0.54 0.00 | 19.49 -0.46 0.00 | 19.29 -0.43 0.00 | 20.47 -0.59 0.00 | 22.02 -0.80 0.00 | 28.31 -0.91 0.00 | 28.44 -0.88 0.00 | 26.64 -0.85 0.00 | 23.98 -0.69 0.00 | 22.02 -0.73 0.00 | 21.00 -0.49 0.00 | 20.21 -0.33 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 19.20 -0.47 0.00 | 18.03 -0.44 0.00 | 16.26 -0.43 0.00 | 15.91 -0.42 0.00 | 17.14 -0.49 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 18.96 -0.17 0.00 | 18.91 -0.35 0.00 | 18.90 -0.43 0.00 | 19.60 -0.56 0.00 | 19.68 -0.57 0.00 | 19.50 -0.54 0.00 | 19.49 -0.46 0.00 | 19.29 -0.43 0.00 | 20.47 -0.59 0.00 | 22.55 -0.80 -0.53 | 27.79 -0.91 0.53 | 28.44 -0.88 0.00 | 26.64 -0.85 0.00 | 23.98 -0.69 0.00 | 22.02 -0.73 0.00 | 20.87 -0.62 0.00 | 20.21 -0.33 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 19.34 -0.33 0.00 | 18.16 -0.31 0.00 | 16.39 -0.30 0.00 | 16.04 -0.29 0.00 | 17.30 -0.34 0.00 | 17.95 -0.35 0.00 | 17.52 -0.38 0.02 | 19.00 -0.15 -0.02 | 18.99 -0.27 0.00 | 19.00 -0.33 0.00 | 19.79 -0.38 0.00 | 19.86 -0.39 0.00 | 19.68 -0.36 0.00 | 19.61 -0.34 0.00 | 19.39 -0.34 0.00 | 20.64 -0.42 0.00 | 22.75 -0.59 -0.53 | 27.96 -0.73 0.53 | 28.62 -0.70 0.00 | 26.81 -0.69 0.00 | 24.08 -0.59 0.00 | 22.18 -0.57 0.00 | 21.00 -0.49 0.00 | 20.23 -0.31 0.00 |
| HQ_GEN_WHEEL 23651 | 19.34 -0.33 0.00 | 18.16 -0.31 0.00 | 16.39 -0.30 0.00 | 16.04 -0.29 0.00 | 17.30 -0.34 0.00 | 17.95 -0.35 0.00 | 17.52 -0.38 0.02 | 19.00 -0.15 -0.02 | 18.99 -0.27 0.00 | 19.00 -0.33 0.00 | 19.79 -0.38 0.00 | 19.86 -0.39 0.00 | 19.68 -0.36 0.00 | 19.61 -0.34 0.00 | 19.39 -0.34 0.00 | 20.64 -0.42 0.00 | 22.75 -0.59 -0.53 | 27.96 -0.73 0.53 | 28.62 -0.70 0.00 | 26.81 -0.69 0.00 | 24.08 -0.59 0.00 | 22.18 -0.57 0.00 | 21.00 -0.49 0.00 | 20.23 -0.31 0.00 |
| HUDSON AVE_GT_3 23810 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.67 1.04 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.19 1.05 0.00 | 20.18 0.92 0.00 | 20.57 1.24 0.00 | 21.56 1.39 0.00 | 21.68 1.44 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.58 1.52 0.00 | 24.76 1.94 0.00 | 31.70 2.48 0.00 | 31.87 2.55 0.00 | 29.91 2.42 0.00 | 26.77 2.10 0.00 | 24.75 2.00 0.00 | 23.11 1.61 0.00 | 21.91 1.38 0.00 |
| HUDSON AVE_GT_4 23540 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.67 1.04 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.19 1.05 0.00 | 20.18 0.92 0.00 | 20.57 1.24 0.00 | 21.56 1.39 0.00 | 21.68 1.44 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.58 1.52 0.00 | 24.76 1.94 0.00 | 31.70 2.48 0.00 | 31.87 2.55 0.00 | 29.91 2.42 0.00 | 26.77 2.10 0.00 | 24.75 2.00 0.00 | 23.11 1.61 0.00 | 21.91 1.38 0.00 |
| HUDSON AVE_GT_5 23657 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.67 1.04 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.19 1.05 0.00 | 20.18 0.92 0.00 | 20.57 1.24 0.00 | 21.56 1.39 0.00 | 21.68 1.44 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.58 1.52 0.00 | 24.76 1.94 0.00 | 31.70 2.48 0.00 | 31.87 2.55 0.00 | 29.91 2.42 0.00 | 26.77 2.10 0.00 | 24.75 2.00 0.00 | 23.11 1.61 0.00 | 21.91 1.38 0.00 |
| HUDSON_AVE_10 24168 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.95 1.04 0.00 | 20.15 1.01 0.00 | 20.15 0.89 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.74 1.92 0.00 | 31.70 2.48 0.00 | 31.87 2.55 0.00 | 29.89 2.39 0.00 | 26.75 2.07 0.00 | 24.73 1.98 0.00 | 23.06 1.57 0.00 | 21.87 1.33 0.00 |
| HUDSON___115KV_TB 4 355613 | 20.80 1.12 0.00 | 19.53 1.05 0.00 | 17.66 0.97 0.00 | 17.28 0.95 0.00 | 18.65 1.02 0.00 | 19.32 1.02 0.00 | 18.93 1.02 0.00 | 20.09 0.96 0.00 | 20.16 0.91 0.00 | 20.35 1.02 0.00 | 21.20 1.03 0.00 | 21.23 0.99 0.00 | 20.98 0.94 0.00 | 20.86 0.92 0.00 | 20.60 0.87 0.00 | 22.07 1.01 0.00 | 24.21 1.39 0.00 | 31.03 1.81 0.00 | 31.08 1.76 0.00 | 29.09 1.59 0.00 | 26.13 1.46 0.00 | 24.07 1.32 0.00 | 22.57 1.07 0.00 | 21.44 0.90 0.00 |
| HUNTER MOUNT___DRP 323613 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.76 1.13 0.00 | 19.43 1.13 0.00 | 19.02 1.11 0.00 | 20.19 1.05 0.00 | 20.24 0.98 0.00 | 20.43 1.10 0.00 | 21.26 1.09 0.00 | 21.31 1.07 0.00 | 21.04 1.00 0.00 | 20.92 0.98 0.00 | 20.64 0.91 0.00 | 22.16 1.10 0.00 | 24.33 1.51 0.00 | 31.20 1.99 0.00 | 31.26 1.94 0.00 | 29.25 1.76 0.00 | 26.25 1.58 0.00 | 24.19 1.43 0.00 | 22.68 1.18 0.00 | 21.54 1.01 0.00 |
| HUNTINGTON_RES_REC 323705 | 23.20 1.75 -1.78 | 20.10 1.63 0.00 | 18.00 1.30 0.00 | 17.62 1.29 0.00 | 18.97 1.34 0.00 | 19.67 1.37 0.00 | 19.42 1.50 0.00 | 20.55 1.42 0.00 | 20.95 1.70 0.00 | 22.24 1.80 -1.12 | 22.00 1.84 0.00 | 22.13 1.86 -0.02 | 22.64 1.84 -0.76 | 21.78 1.83 0.00 | 21.74 1.85 -0.16 | 24.41 2.04 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.52 3.28 -6.92 | 34.72 3.05 -4.17 | 30.55 2.64 -3.23 | 26.24 2.48 -1.01 | 24.78 2.24 -1.05 | 22.24 1.70 0.00 |
| HUNTLEY___63 23557 | 18.95 -0.73 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.73 -0.18 0.00 | 17.74 -1.40 0.00 | 17.78 -1.48 0.00 | 18.05 -1.28 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.70 -1.12 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.95 -1.54 0.00 | 23.39 -1.28 0.00 | 21.71 -1.05 0.00 | 20.76 -0.73 0.00 | 20.33 -0.21 0.00 |
| HUNTLEY___64 23558 | 18.95 -0.73 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.73 -0.18 0.00 | 17.74 -1.40 0.00 | 17.78 -1.48 0.00 | 18.05 -1.28 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.70 -1.12 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.95 -1.54 0.00 | 23.39 -1.28 0.00 | 21.71 -1.05 0.00 | 20.76 -0.73 0.00 | 20.33 -0.21 0.00 |
| HUNTLEY___65 23559 | 18.95 -0.73 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.73 -0.18 0.00 | 17.74 -1.40 0.00 | 17.78 -1.48 0.00 | 18.05 -1.28 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.70 -1.12 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.95 -1.54 0.00 | 23.39 -1.28 0.00 | 21.71 -1.05 0.00 | 20.76 -0.73 0.00 | 20.33 -0.21 0.00 |
| HUNTLEY___66 23560 | 18.95 -0.73 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.73 -0.18 0.00 | 17.74 -1.40 0.00 | 17.78 -1.48 0.00 | 18.05 -1.28 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.70 -1.12 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.95 -1.54 0.00 | 23.39 -1.28 0.00 | 21.71 -1.05 0.00 | 20.76 -0.73 0.00 | 20.33 -0.21 0.00 |
| HUNTLEY___67 23561 | 18.93 -0.75 0.00 | 17.74 -0.74 0.00 | 16.34 -0.35 0.00 | 16.05 -0.28 0.00 | 17.30 -0.34 0.00 | 18.06 -0.24 0.00 | 17.71 -0.20 0.00 | 17.74 -1.40 0.00 | 17.80 -1.46 0.00 | 18.05 -1.28 0.00 | 19.16 -1.01 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.68 -1.14 0.00 | 27.29 -1.93 0.00 | 27.33 -1.99 0.00 | 25.93 -1.57 0.00 | 23.37 -1.31 0.00 | 21.68 -1.07 0.00 | 20.74 -0.75 0.00 | 20.31 -0.23 0.00 |
| HUNTLEY___68 23562 | 18.93 -0.75 0.00 | 17.74 -0.74 0.00 | 16.34 -0.35 0.00 | 16.05 -0.28 0.00 | 17.30 -0.34 0.00 | 18.06 -0.24 0.00 | 17.71 -0.20 0.00 | 17.74 -1.40 0.00 | 17.80 -1.46 0.00 | 18.05 -1.28 0.00 | 19.16 -1.01 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.68 -1.14 0.00 | 27.29 -1.93 0.00 | 27.33 -1.99 0.00 | 25.93 -1.57 0.00 | 23.37 -1.31 0.00 | 21.68 -1.07 0.00 | 20.74 -0.75 0.00 | 20.31 -0.23 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 20.42 0.75 0.00 | 19.11 0.63 0.00 | 17.43 0.73 0.00 | 17.07 0.74 0.00 | 18.53 0.90 0.00 | 19.39 1.10 0.00 | 19.00 1.09 0.00 | 19.69 0.56 0.00 | 19.74 0.48 0.00 | 19.87 0.54 0.00 | 20.83 0.66 0.00 | 20.83 0.59 0.00 | 20.66 0.62 0.00 | 20.46 0.52 0.00 | 20.16 0.43 0.00 | 21.92 0.86 0.00 | 24.08 1.25 0.00 | 30.94 1.72 0.00 | 31.17 1.85 0.00 | 29.31 1.81 0.00 | 26.23 1.56 0.00 | 24.19 1.43 0.00 | 22.85 1.35 0.00 | 21.85 1.32 0.00 |
| INDECK___CORINTH 23802 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.44 0.75 0.00 | 17.05 0.72 0.00 | 18.41 0.77 0.00 | 19.08 0.79 0.00 | 18.74 0.82 0.00 | 19.94 0.80 0.00 | 20.18 0.92 0.00 | 20.31 0.99 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.88 0.94 0.00 | 20.71 0.99 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.34 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.74 1.25 0.00 | 21.52 0.99 0.00 |
| INDECK___ILION 23567 | 19.75 0.08 0.00 | 18.59 0.11 0.00 | 16.78 0.08 0.00 | 16.43 0.10 0.00 | 17.76 0.12 0.00 | 18.42 0.13 0.00 | 18.05 0.14 0.00 | 19.25 0.11 0.00 | 19.36 0.10 0.00 | 19.48 0.15 0.00 | 20.37 0.20 0.00 | 20.44 0.20 0.00 | 20.24 0.20 0.00 | 20.14 0.20 0.00 | 19.93 0.20 0.00 | 21.29 0.23 0.00 | 23.16 0.34 0.00 | 29.68 0.47 0.00 | 29.79 0.47 0.00 | 27.93 0.44 0.00 | 25.07 0.39 0.00 | 23.16 0.41 0.00 | 21.79 0.30 0.00 | 20.80 0.27 0.00 |
| INDECK___OLEAN 23982 | 19.58 -0.10 0.00 | 18.33 -0.15 0.00 | 16.88 0.18 0.00 | 16.56 0.23 0.00 | 17.88 0.25 0.00 | 18.70 0.40 0.00 | 18.31 0.39 0.00 | 18.33 -0.80 0.00 | 18.49 -0.77 0.00 | 18.67 -0.66 0.00 | 19.79 -0.38 0.00 | 19.84 -0.40 0.00 | 19.74 -0.30 0.00 | 19.57 -0.38 0.00 | 19.18 -0.55 0.00 | 20.75 -0.32 0.00 | 22.48 -0.34 0.00 | 28.46 -0.76 0.00 | 28.47 -0.85 0.00 | 26.92 -0.58 0.00 | 24.23 -0.44 0.00 | 22.50 -0.25 0.00 | 21.45 -0.04 0.00 | 21.05 0.51 0.00 |
| INDECK___OSWEGO 23783 | 19.30 -0.37 0.00 | 18.11 -0.37 0.00 | 16.39 -0.30 0.00 | 16.04 -0.29 0.00 | 17.33 -0.30 0.00 | 18.04 -0.26 0.00 | 17.64 -0.27 0.00 | 18.64 -0.50 0.00 | 18.78 -0.48 0.00 | 18.90 -0.43 0.00 | 19.79 -0.38 0.00 | 19.86 -0.39 0.00 | 19.66 -0.38 0.00 | 19.55 -0.40 0.00 | 19.29 -0.43 0.00 | 20.64 -0.42 0.00 | 22.34 -0.48 0.00 | 28.57 -0.64 0.00 | 28.68 -0.65 0.00 | 26.92 -0.58 0.00 | 24.15 -0.52 0.00 | 22.27 -0.48 0.00 | 21.04 -0.45 0.00 | 20.12 -0.41 0.00 |
| INDECK___YERKES 23781 | 18.97 -0.71 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.09 -0.24 0.00 | 17.35 -0.28 0.00 | 18.19 -0.11 0.00 | 17.75 -0.16 0.00 | 17.76 -1.38 0.00 | 17.81 -1.44 0.00 | 18.05 -1.28 0.00 | 19.20 -0.97 0.00 | 19.23 -1.01 0.00 | 19.14 -0.90 0.00 | 18.97 -0.98 0.00 | 18.60 -1.12 0.00 | 20.16 -0.90 0.00 | 21.73 -1.09 0.00 | 27.43 -1.78 0.00 | 27.42 -1.91 0.00 | 25.98 -1.51 0.00 | 23.42 -1.26 0.00 | 21.73 -1.02 0.00 | 20.78 -0.71 0.00 | 20.25 -0.29 0.00 |
| INDIAN POINT_GT_1 24139 | 20.78 1.10 0.00 | 19.51 1.03 0.00 | 17.54 0.85 0.00 | 17.16 0.83 0.00 | 18.51 0.88 0.00 | 19.17 0.88 0.00 | 18.84 0.93 0.00 | 20.00 0.86 0.00 | 20.07 0.81 0.00 | 20.39 1.06 0.00 | 21.36 1.19 0.00 | 21.46 1.21 0.00 | 21.24 1.20 0.00 | 21.12 1.18 0.00 | 20.93 1.20 0.00 | 22.35 1.28 0.00 | 24.51 1.69 0.00 | 31.38 2.16 0.00 | 31.52 2.20 0.00 | 29.58 2.09 0.00 | 26.47 1.80 0.00 | 24.48 1.73 0.00 | 22.87 1.38 0.00 | 21.68 1.15 0.00 |
| INDIAN POINT_GT_2 23659 | 20.78 1.10 0.00 | 19.51 1.03 0.00 | 17.54 0.85 0.00 | 17.16 0.83 0.00 | 18.51 0.88 0.00 | 19.17 0.88 0.00 | 18.84 0.93 0.00 | 20.00 0.86 0.00 | 20.07 0.81 0.00 | 20.39 1.06 0.00 | 21.36 1.19 0.00 | 21.46 1.21 0.00 | 21.24 1.20 0.00 | 21.12 1.18 0.00 | 20.93 1.20 0.00 | 22.35 1.28 0.00 | 24.51 1.69 0.00 | 31.38 2.16 0.00 | 31.52 2.20 0.00 | 29.58 2.09 0.00 | 26.47 1.80 0.00 | 24.48 1.73 0.00 | 22.87 1.38 0.00 | 21.68 1.15 0.00 |
| INDIAN POINT_GT_3 24019 | 20.78 1.10 0.00 | 19.51 1.03 0.00 | 17.54 0.85 0.00 | 17.16 0.83 0.00 | 18.51 0.88 0.00 | 19.17 0.88 0.00 | 18.84 0.93 0.00 | 20.00 0.86 0.00 | 20.07 0.81 0.00 | 20.39 1.06 0.00 | 21.36 1.19 0.00 | 21.46 1.21 0.00 | 21.24 1.20 0.00 | 21.12 1.18 0.00 | 20.93 1.20 0.00 | 22.35 1.28 0.00 | 24.51 1.69 0.00 | 31.38 2.16 0.00 | 31.52 2.20 0.00 | 29.58 2.09 0.00 | 26.47 1.80 0.00 | 24.48 1.73 0.00 | 22.87 1.38 0.00 | 21.68 1.15 0.00 |
| INDIAN POINT___2 23530 | 20.70 1.02 0.00 | 19.44 0.96 0.00 | 17.49 0.80 0.00 | 17.11 0.78 0.00 | 18.46 0.83 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.94 0.80 0.00 | 20.28 1.02 0.00 | 20.41 1.08 0.00 | 21.30 1.13 0.00 | 21.39 1.15 0.00 | 21.18 1.14 0.00 | 21.06 1.12 0.00 | 20.87 1.14 0.00 | 22.32 1.26 0.00 | 24.42 1.60 0.00 | 31.26 2.04 0.00 | 31.40 2.08 0.00 | 29.48 1.98 0.00 | 26.37 1.70 0.00 | 24.39 1.64 0.00 | 22.96 1.46 0.00 | 21.60 1.07 0.00 |
| INDIAN POINT___3 23531 | 20.82 1.14 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.05 0.92 0.00 | 20.11 0.85 0.00 | 20.43 1.10 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.18 1.24 0.00 | 20.99 1.26 0.00 | 22.41 1.35 0.00 | 24.56 1.73 0.00 | 31.47 2.25 0.00 | 31.61 2.29 0.00 | 29.64 2.14 0.00 | 26.55 1.88 0.00 | 24.53 1.77 0.00 | 22.91 1.42 0.00 | 21.75 1.21 0.00 |
| INGHAM_C_115KV_TB7 356103 | 19.52 -0.16 0.00 | 18.37 -0.11 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 19.12 -0.02 0.00 | 19.22 -0.04 0.00 | 19.35 0.02 0.00 | 20.21 0.04 0.00 | 20.30 0.06 0.00 | 20.08 0.04 0.00 | 20.01 0.06 0.00 | 19.79 0.06 0.00 | 21.17 0.11 0.00 | 23.05 0.23 0.00 | 29.57 0.35 0.00 | 29.67 0.35 0.00 | 27.82 0.33 0.00 | 24.97 0.30 0.00 | 23.12 0.36 0.00 | 21.77 0.28 0.00 | 20.80 0.27 0.00 |
| IP CORINTH___1 23988 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.44 0.75 0.00 | 17.05 0.72 0.00 | 18.41 0.78 0.00 | 19.08 0.79 0.00 | 18.74 0.82 0.00 | 19.94 0.80 0.00 | 20.05 0.79 0.00 | 20.26 0.93 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.88 0.94 0.00 | 20.72 0.99 0.00 | 22.22 1.16 0.00 | 24.42 1.60 0.00 | 31.32 2.10 0.00 | 31.35 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.65 1.16 0.00 | 21.54 1.01 0.00 |
| IP___TICONDEROGA 23804 | 20.97 1.30 0.00 | 19.73 1.26 0.00 | 17.88 1.19 0.00 | 17.46 1.13 0.00 | 18.87 1.23 0.00 | 19.58 1.28 0.00 | 19.22 1.31 0.00 | 20.46 1.32 0.00 | 20.61 1.35 0.00 | 20.80 1.47 0.00 | 21.90 1.73 0.00 | 21.96 1.72 0.00 | 21.68 1.64 0.00 | 21.44 1.50 0.00 | 21.29 1.56 0.00 | 22.87 1.81 0.00 | 25.24 2.42 0.00 | 32.43 3.21 0.00 | 32.40 3.08 0.00 | 30.33 2.83 0.00 | 27.29 2.62 0.00 | 25.05 2.30 0.00 | 23.34 1.85 0.00 | 22.20 1.66 0.00 |
| ISLIP_RES_REC 323679 | 23.44 1.99 -1.78 | 20.34 1.87 0.00 | 18.20 1.50 0.00 | 17.82 1.49 0.00 | 19.20 1.57 0.00 | 19.91 1.61 0.00 | 19.65 1.74 0.00 | 20.76 1.63 0.00 | 21.18 1.93 0.00 | 22.45 2.01 0.00 | 22.21 2.04 -0.02 | 22.31 2.04 -0.02 | 22.80 2.00 -0.76 | 21.94 1.99 0.00 | 21.92 2.03 -0.16 | 24.58 2.21 -1.31 | 32.37 2.71 -6.83 | 37.99 3.59 -5.18 | 39.81 3.58 -6.92 | 34.96 3.30 -4.17 | 30.74 2.84 -3.23 | 26.44 2.68 -1.01 | 24.95 2.41 -1.05 | 22.40 1.87 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 21.03 1.36 0.00 | 19.77 1.29 0.00 | 17.76 1.07 0.00 | 17.36 1.03 0.00 | 18.76 1.13 0.00 | 19.39 1.10 0.00 | 19.06 1.15 0.00 | 20.28 1.15 0.00 | 20.28 1.02 0.00 | 20.70 1.37 0.00 | 21.70 1.53 0.00 | 21.80 1.56 0.00 | 21.62 1.58 0.00 | 21.52 1.58 0.00 | 21.35 1.62 0.00 | 22.72 1.66 0.00 | 24.94 2.12 0.00 | 31.99 2.78 0.00 | 32.17 2.84 0.00 | 30.19 2.69 0.00 | 26.99 2.32 0.00 | 24.96 2.21 0.00 | 23.23 1.74 0.00 | 22.03 1.50 0.00 |
| JANIS__SOLAR 323808 | 20.60 0.92 0.00 | 19.36 0.89 0.00 | 17.54 0.85 0.00 | 17.15 0.82 0.00 | 18.58 0.95 0.00 | 19.39 1.10 0.00 | 18.93 1.02 0.00 | 19.98 0.84 0.00 | 20.09 0.83 0.00 | 20.18 0.85 0.00 | 21.18 1.01 0.00 | 21.21 0.97 0.00 | 21.02 0.98 0.00 | 20.88 0.94 0.00 | 20.64 0.91 0.00 | 22.22 1.16 0.00 | 24.39 1.57 0.00 | 31.35 2.13 0.00 | 31.49 2.17 0.00 | 29.56 2.06 0.00 | 26.50 1.83 0.00 | 24.34 1.59 0.00 | 22.91 1.42 0.00 | 21.93 1.40 0.00 |
| JARVIS____ 23743 | 19.83 0.16 0.00 | 18.64 0.17 0.00 | 16.83 0.13 0.00 | 16.46 0.13 0.00 | 17.79 0.16 0.00 | 18.44 0.15 0.00 | 18.07 0.16 0.00 | 19.25 0.12 0.00 | 19.41 0.15 0.00 | 19.50 0.17 0.00 | 20.35 0.18 0.00 | 20.42 0.18 0.00 | 20.22 0.18 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.27 0.21 0.00 | 23.12 0.30 0.00 | 29.60 0.38 0.00 | 29.70 0.38 0.00 | 27.83 0.33 0.00 | 24.97 0.30 0.00 | 23.05 0.30 0.00 | 21.73 0.24 0.00 | 20.70 0.16 0.00 |
| JENNISON____1 23625 | 20.78 1.10 0.00 | 19.57 1.09 0.00 | 17.69 1.00 0.00 | 17.31 0.98 0.00 | 18.76 1.13 0.00 | 19.54 1.24 0.00 | 19.06 1.15 0.00 | 20.17 1.03 0.00 | 20.22 0.96 0.00 | 20.45 1.12 0.00 | 21.52 1.35 0.00 | 21.56 1.32 0.00 | 21.34 1.30 0.00 | 21.22 1.28 0.00 | 20.95 1.22 0.00 | 22.54 1.47 0.00 | 24.67 1.85 0.00 | 31.70 2.48 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.80 2.12 0.00 | 24.64 1.89 0.00 | 23.11 1.61 0.00 | 22.16 1.62 0.00 |
| JENNISON____2 23626 | 20.78 1.10 0.00 | 19.57 1.09 0.00 | 17.69 1.00 0.00 | 17.31 0.98 0.00 | 18.76 1.13 0.00 | 19.54 1.24 0.00 | 19.06 1.15 0.00 | 20.17 1.03 0.00 | 20.22 0.96 0.00 | 20.45 1.12 0.00 | 21.52 1.35 0.00 | 21.56 1.32 0.00 | 21.34 1.30 0.00 | 21.22 1.28 0.00 | 20.95 1.22 0.00 | 22.54 1.47 0.00 | 24.67 1.85 0.00 | 31.70 2.48 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.80 2.12 0.00 | 24.64 1.89 0.00 | 23.11 1.61 0.00 | 22.16 1.62 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 19.08 -0.59 0.00 | 17.85 -0.63 0.00 | 16.06 -0.63 0.00 | 15.66 -0.67 0.00 | 16.86 -0.78 0.00 | 17.49 -0.80 0.00 | 16.80 -1.11 0.00 | 18.43 -0.71 0.00 | 18.39 -0.87 0.00 | 18.38 -0.95 0.00 | 19.14 -1.03 0.00 | 19.23 -1.01 0.00 | 19.14 -0.90 0.00 | 19.17 -0.78 0.00 | 19.02 -0.71 0.00 | 20.18 -0.88 0.00 | 21.86 -0.96 0.00 | 28.22 -0.99 0.00 | 28.41 -0.91 0.00 | 26.67 -0.82 0.00 | 24.01 -0.67 0.00 | 22.00 -0.75 0.00 | 20.91 -0.58 0.00 | 20.45 -0.08 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 20.91 1.24 0.00 | 19.62 1.15 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.62 0.99 0.00 | 19.28 0.99 0.00 | 18.93 1.02 0.00 | 20.11 0.98 0.00 | 20.20 0.94 0.00 | 20.45 1.12 0.00 | 21.46 1.29 0.00 | 21.56 1.32 0.00 | 21.36 1.32 0.00 | 21.22 1.28 0.00 | 21.01 1.28 0.00 | 22.45 1.39 0.00 | 24.65 1.83 0.00 | 31.67 2.45 0.00 | 31.78 2.46 0.00 | 29.83 2.34 0.00 | 26.72 2.05 0.00 | 24.66 1.91 0.00 | 23.02 1.53 0.00 | 21.81 1.27 0.00 |
| KCE_NY_1 323755 | 20.64 0.96 0.00 | 19.40 0.92 0.00 | 17.54 0.85 0.00 | 17.15 0.82 0.00 | 18.51 0.88 0.00 | 19.17 0.88 0.00 | 18.84 0.93 0.00 | 20.02 0.88 0.00 | 20.24 0.98 0.00 | 20.37 1.04 0.00 | 21.28 1.11 0.00 | 21.35 1.11 0.00 | 21.10 1.06 0.00 | 20.94 1.00 0.00 | 20.77 1.04 0.00 | 22.28 1.22 0.00 | 24.42 1.60 0.00 | 31.26 2.04 0.00 | 31.32 1.99 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.78 1.29 0.00 | 21.58 1.05 0.00 |
| KCE_NY_6_ESR 323823 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.58 -0.12 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.39 0.09 0.00 | 18.00 0.09 0.00 | 18.01 -1.13 0.00 | 18.08 -1.18 0.00 | 18.32 -1.01 0.00 | 19.46 -0.71 0.00 | 19.49 -0.75 0.00 | 19.40 -0.64 0.00 | 19.23 -0.72 0.00 | 18.86 -0.87 0.00 | 20.43 -0.63 0.00 | 22.04 -0.78 0.00 | 27.84 -1.37 0.00 | 27.83 -1.49 0.00 | 26.39 -1.10 0.00 | 23.79 -0.89 0.00 | 22.05 -0.71 0.00 | 21.08 -0.41 0.00 | 20.58 0.04 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 23.36 1.91 -1.78 | 20.27 1.79 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.11 1.48 0.00 | 19.83 1.54 0.00 | 19.58 1.67 0.00 | 20.68 1.55 0.00 | 21.11 1.85 0.00 | 22.38 1.93 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.80 3.13 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.30 1.77 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 23.36 1.91 -1.78 | 20.27 1.79 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.11 1.48 0.00 | 19.83 1.54 0.00 | 19.58 1.67 0.00 | 20.68 1.55 0.00 | 21.11 1.85 0.00 | 22.38 1.93 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.80 3.13 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.30 1.77 0.00 |
| KEDC_GLWD_GT4 24219 | 23.04 1.59 -1.78 | 19.96 1.48 0.00 | 17.89 1.20 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.27 1.36 0.00 | 20.42 1.28 0.00 | 20.80 1.54 0.00 | 22.11 1.66 -1.12 | 21.88 1.71 0.00 | 22.03 1.76 -0.02 | 22.54 1.74 -0.76 | 21.66 1.72 0.00 | 21.62 1.74 -0.16 | 24.26 1.90 -1.31 | 31.96 2.30 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.67 2.13 -1.05 | 22.14 1.60 0.00 |
| KEDC_GLWD_GT5 24220 | 23.04 1.59 -1.78 | 19.96 1.48 0.00 | 17.89 1.20 0.00 | 17.51 1.18 0.00 | 18.87 1.23 0.00 | 19.56 1.26 0.00 | 19.27 1.36 0.00 | 20.42 1.28 0.00 | 20.80 1.54 0.00 | 22.11 1.66 -1.12 | 21.88 1.71 0.00 | 22.03 1.76 -0.02 | 22.54 1.74 -0.76 | 21.66 1.72 0.00 | 21.62 1.74 -0.16 | 24.26 1.90 -1.31 | 31.96 2.30 -6.83 | 37.35 2.95 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.67 2.13 -1.05 | 22.14 1.60 0.00 |
| KENSICO____ 23655 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 20.76 1.08 0.00 | 19.46 0.98 0.00 | 17.49 0.80 0.00 | 17.11 0.78 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.79 0.88 0.00 | 19.92 0.78 0.00 | 19.97 0.71 0.00 | 20.26 0.93 0.00 | 21.24 1.07 0.00 | 21.33 1.09 0.00 | 21.10 1.06 0.00 | 21.00 1.06 0.00 | 20.85 1.12 0.00 | 22.32 1.26 0.00 | 24.56 1.73 0.00 | 31.53 2.31 0.00 | 31.67 2.35 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |

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| KIAC_JFK_GT1 23816 | 20.99 1.32 0.00 | 19.71 1.24 0.00 | 17.73 1.03 0.00 | 17.33 1.00 0.00 | 18.71 1.08 0.00 | 19.36 1.06 0.00 | 19.02 1.11 0.00 | 20.23 1.09 0.00 | 20.22 0.96 0.00 | 20.64 1.31 0.00 | 21.64 1.47 0.00 | 21.74 1.50 0.00 | 21.56 1.52 0.00 | 21.46 1.52 0.00 | 21.29 1.56 0.00 | 22.66 1.60 0.00 | 24.85 2.03 0.00 | 31.88 2.66 0.00 | 32.08 2.76 0.00 | 30.11 2.61 0.00 | 26.92 2.25 0.00 | 24.87 2.12 0.00 | 23.17 1.68 0.00 | 21.97 1.44 0.00 |
| KIAC_JFK_GT2 23817 | 20.99 1.32 0.00 | 19.71 1.24 0.00 | 17.73 1.03 0.00 | 17.33 1.00 0.00 | 18.71 1.08 0.00 | 19.36 1.06 0.00 | 19.02 1.11 0.00 | 20.23 1.09 0.00 | 20.22 0.96 0.00 | 20.64 1.31 0.00 | 21.64 1.47 0.00 | 21.74 1.50 0.00 | 21.56 1.52 0.00 | 21.46 1.52 0.00 | 21.29 1.56 0.00 | 22.66 1.60 0.00 | 24.85 2.03 0.00 | 31.88 2.66 0.00 | 32.08 2.76 0.00 | 30.11 2.61 0.00 | 26.92 2.25 0.00 | 24.87 2.12 0.00 | 23.17 1.68 0.00 | 21.97 1.44 0.00 |
| KIAC_JFK____ 323774 | 20.99 1.32 0.00 | 19.71 1.24 0.00 | 17.73 1.04 0.00 | 17.33 1.00 0.00 | 18.71 1.08 0.00 | 19.34 1.04 0.00 | 19.02 1.11 0.00 | 20.23 1.09 0.00 | 20.59 1.33 0.00 | 20.74 1.41 0.00 | 21.64 1.47 0.00 | 21.74 1.50 0.00 | 21.56 1.52 0.00 | 21.46 1.52 0.00 | 21.29 1.56 0.00 | 22.75 1.69 0.00 | 24.88 2.05 0.00 | 31.88 2.66 0.00 | 32.08 2.76 0.00 | 30.11 2.61 0.00 | 26.92 2.24 0.00 | 24.87 2.12 0.00 | 23.41 1.91 0.00 | 21.93 1.40 0.00 |
| KINTIGH____ 23543 | 18.81 -0.87 0.00 | 17.65 -0.83 0.00 | 16.21 -0.48 0.00 | 15.89 -0.44 0.00 | 17.16 -0.48 0.00 | 17.88 -0.42 0.00 | 17.54 -0.38 0.00 | 17.82 -1.32 0.00 | 17.87 -1.39 0.00 | 18.11 -1.22 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.06 -0.98 0.00 | 18.95 -1.00 0.00 | 18.60 -1.12 0.00 | 20.07 -0.99 0.00 | 21.68 -1.14 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.93 -1.57 0.00 | 23.34 -1.33 0.00 | 21.64 -1.11 0.00 | 20.68 -0.82 0.00 | 20.06 -0.47 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 19.42 -0.26 0.00 | 18.18 -0.30 0.00 | 16.34 -0.35 0.00 | 15.94 -0.39 0.00 | 17.16 -0.48 0.00 | 17.82 -0.48 0.00 | 17.00 -0.91 0.00 | 18.64 -0.50 0.00 | 18.80 -0.46 0.00 | 18.69 -0.64 0.00 | 19.36 -0.81 0.00 | 19.43 -0.81 0.00 | 19.40 -0.64 0.00 | 19.43 -0.52 0.00 | 19.27 -0.45 0.00 | 20.43 -0.63 0.00 | 22.25 -0.57 0.00 | 28.75 -0.47 0.00 | 28.94 -0.38 0.00 | 27.14 -0.36 0.00 | 24.48 -0.20 0.00 | 22.39 -0.36 0.00 | 21.36 -0.13 0.00 | 20.90 0.37 0.00 |
| LACHUTE____HYDRO 323717 | 20.97 1.30 0.00 | 19.73 1.26 0.00 | 17.88 1.19 0.00 | 17.46 1.13 0.00 | 18.87 1.23 0.00 | 19.58 1.28 0.00 | 19.22 1.31 0.00 | 20.45 1.32 0.00 | 20.74 1.48 0.00 | 20.88 1.55 0.00 | 21.90 1.73 0.00 | 21.96 1.72 0.00 | 21.68 1.64 0.00 | 21.44 1.50 0.00 | 21.29 1.56 0.00 | 22.96 1.90 0.00 | 25.24 2.42 0.00 | 32.37 3.16 0.00 | 32.40 3.08 0.00 | 30.33 2.83 0.00 | 27.29 2.61 0.00 | 25.05 2.30 0.00 | 23.43 1.94 0.00 | 22.18 1.64 0.00 |
| LAWRNCV_115KV_TB1 80681 | 18.91 -0.77 0.00 | 17.76 -0.72 0.00 | 16.01 -0.68 0.00 | 15.64 -0.69 0.00 | 16.84 -0.79 0.00 | 17.40 -0.90 0.00 | 16.89 -1.02 0.00 | 18.60 -0.54 0.00 | 18.76 -0.50 0.00 | 18.61 -0.72 0.00 | 19.34 -0.83 0.00 | 19.41 -0.83 0.00 | 19.24 -0.80 0.00 | 19.25 -0.70 0.00 | 19.04 -0.69 0.00 | 20.22 -0.84 0.00 | 21.68 -1.14 0.00 | 27.90 -1.31 0.00 | 28.06 -1.26 0.00 | 26.26 -1.24 0.00 | 23.64 -1.04 0.00 | 21.66 -1.09 0.00 | 20.72 -0.77 0.00 | 19.98 -0.55 0.00 |
| LEDERLE____ 23769 | 20.83 1.16 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.05 0.92 0.00 | 20.13 0.87 0.00 | 20.43 1.10 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.20 1.26 0.00 | 20.99 1.26 0.00 | 22.41 1.35 0.00 | 24.58 1.76 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 19.36 -0.31 0.00 | 18.18 -0.30 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.09 -0.20 0.00 | 17.68 -0.23 0.00 | 18.73 -0.40 0.00 | 18.80 -0.46 0.00 | 19.00 -0.33 0.00 | 19.93 -0.24 0.00 | 19.98 -0.26 0.00 | 19.78 -0.26 0.00 | 19.69 -0.26 0.00 | 19.45 -0.28 0.00 | 20.85 -0.21 0.00 | 22.57 -0.25 0.00 | 28.93 -0.29 0.00 | 29.06 -0.26 0.00 | 27.25 -0.25 0.00 | 24.48 -0.20 0.00 | 22.52 -0.23 0.00 | 21.21 -0.28 0.00 | 20.29 -0.25 0.00 |
| LINDEN COGEN____ 23786 | 20.85 1.18 0.00 | 18.15 1.11 1.44 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.55 0.92 0.00 | 19.19 0.90 0.00 | 18.90 0.98 0.00 | 20.09 0.96 0.00 | 20.45 1.19 0.00 | 20.60 1.28 0.00 | 21.48 1.31 0.00 | 21.58 1.34 0.00 | 21.38 1.34 0.00 | 21.28 1.34 0.00 | 21.11 1.38 0.00 | 22.53 1.47 0.00 | 24.65 1.83 0.00 | 31.53 2.31 0.00 | 31.73 2.40 0.00 | 29.80 2.31 0.00 | 26.65 1.97 0.00 | 24.64 1.89 0.00 | 23.21 1.72 0.00 | 21.77 1.23 0.00 |
| LINDHRST_69_KV_BK1 356055 | 23.28 1.83 -1.78 | 20.18 1.70 0.00 | 18.06 1.37 0.00 | 17.69 1.36 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 20.70 1.44 0.00 | 22.20 1.76 -1.12 | 22.09 1.92 0.00 | 22.23 1.96 -0.02 | 22.74 1.94 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.43 2.06 -1.31 | 32.21 2.56 -6.83 | 37.73 3.33 -5.18 | 39.61 3.37 -6.92 | 34.80 3.13 -4.17 | 30.64 2.74 -3.23 | 26.33 2.57 -1.01 | 24.71 2.17 -1.05 | 22.38 1.85 0.00 |
| LIPA_MISC_IPP 23656 | 23.36 1.91 -1.78 | 20.27 1.79 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.13 1.50 0.00 | 19.83 1.54 0.00 | 19.58 1.67 0.00 | 20.69 1.55 0.00 | 20.78 1.52 0.00 | 22.26 1.82 -1.12 | 22.09 1.92 0.00 | 22.17 1.90 -0.02 | 22.64 1.84 -0.76 | 21.80 1.85 0.00 | 21.78 1.89 -0.16 | 24.35 1.98 -1.31 | 32.16 2.51 -6.83 | 37.76 3.36 -5.18 | 39.52 3.28 -6.92 | 34.66 3.00 -4.17 | 30.47 2.57 -3.23 | 26.19 2.43 -1.01 | 24.54 2.00 -1.05 | 22.24 1.70 0.00 |
| LISF__SOLAR 323691 | 23.38 1.93 -1.78 | 20.31 1.83 0.00 | 18.16 1.47 0.00 | 17.78 1.45 0.00 | 19.15 1.52 0.00 | 19.87 1.57 0.00 | 19.61 1.70 0.00 | 20.72 1.59 0.00 | 21.13 1.87 0.00 | 22.40 1.95 -1.12 | 22.11 1.94 0.00 | 22.21 1.94 -0.02 | 22.68 1.88 -0.76 | 21.82 1.87 0.00 | 21.80 1.91 -0.16 | 24.43 2.07 -1.31 | 32.23 2.58 -6.83 | 37.85 3.45 -5.18 | 39.58 3.34 -6.92 | 34.72 3.05 -4.17 | 30.52 2.61 -3.23 | 26.24 2.48 -1.01 | 24.76 2.21 -1.05 | 22.24 1.70 0.00 |
| LITTLE FALLS____HYD 24013 | 19.52 -0.16 0.00 | 18.37 -0.11 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 19.12 -0.02 0.00 | 19.22 -0.04 0.00 | 19.35 0.02 0.00 | 20.21 0.04 0.00 | 20.30 0.06 0.00 | 20.08 0.04 0.00 | 20.01 0.06 0.00 | 19.79 0.06 0.00 | 21.17 0.11 0.00 | 23.05 0.23 0.00 | 29.57 0.35 0.00 | 29.67 0.35 0.00 | 27.82 0.33 0.00 | 24.97 0.30 0.00 | 23.12 0.36 0.00 | 21.77 0.28 0.00 | 20.80 0.27 0.00 |
| LITTLRIV_115KV_TB1 356100 | 19.04 -0.63 0.00 | 17.89 -0.59 0.00 | 16.12 -0.57 0.00 | 15.76 -0.57 0.00 | 16.98 -0.65 0.00 | 17.55 -0.75 0.00 | 17.02 -0.90 0.00 | 18.77 -0.36 0.00 | 18.95 -0.31 0.00 | 18.81 -0.52 0.00 | 19.54 -0.63 0.00 | 19.59 -0.65 0.00 | 19.42 -0.62 0.00 | 19.43 -0.52 0.00 | 19.24 -0.49 0.00 | 20.43 -0.63 0.00 | 21.91 -0.91 0.00 | 28.25 -0.96 0.00 | 28.41 -0.91 0.00 | 26.59 -0.91 0.00 | 23.91 -0.76 0.00 | 21.89 -0.86 0.00 | 20.91 -0.58 0.00 | 20.19 -0.35 0.00 |

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| LI_NEWBRDGE___DRP 323616 | 22.91 1.46 -1.78 | 19.83 1.35 0.00 | 17.78 1.08 0.00 | 17.39 1.06 0.00 | 18.74 1.11 0.00 | 19.43 1.13 0.00 | 19.15 1.24 0.00 | 20.28 1.15 0.00 | 20.38 1.12 0.00 | 21.86 1.41 -1.12 | 21.72 1.55 0.00 | 21.87 1.60 -0.02 | 22.38 1.58 -0.76 | 21.50 1.56 0.00 | 21.46 1.58 -0.16 | 24.05 1.68 -1.31 | 31.75 2.10 -6.83 | 37.12 2.72 -5.18 | 38.99 2.76 -6.92 | 34.25 2.58 -4.17 | 30.17 2.27 -3.23 | 25.90 2.14 -1.01 | 24.30 1.76 -1.05 | 22.01 1.48 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 18.87 -0.81 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.99 -0.34 0.00 | 17.21 -0.42 0.00 | 17.95 -0.35 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.68 -1.58 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.96 -1.08 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.97 -1.10 0.00 | 21.54 -1.28 0.00 | 27.14 -2.07 0.00 | 27.18 -2.14 0.00 | 25.79 -1.70 0.00 | 23.24 -1.43 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.19 -0.35 0.00 |
| LOCKPORT___CC1 323769 | 18.85 -0.83 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.96 -0.37 0.00 | 17.21 -0.42 0.00 | 18.04 -0.26 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.70 -1.56 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.98 -1.06 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.99 -1.07 0.00 | 21.57 -1.26 0.00 | 27.20 -2.02 0.00 | 27.18 -2.14 0.00 | 25.76 -1.73 0.00 | 23.22 -1.46 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.10 -0.43 0.00 |
| LOCKPORT___CC2 323770 | 18.85 -0.83 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.96 -0.37 0.00 | 17.21 -0.42 0.00 | 18.04 -0.26 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.70 -1.56 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.98 -1.06 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.99 -1.07 0.00 | 21.57 -1.26 0.00 | 27.20 -2.02 0.00 | 27.18 -2.14 0.00 | 25.76 -1.73 0.00 | 23.22 -1.46 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.10 -0.43 0.00 |
| LOCKPORT___CC3 323771 | 18.85 -0.83 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.96 -0.37 0.00 | 17.21 -0.42 0.00 | 18.04 -0.26 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.70 -1.56 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.98 -1.06 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.99 -1.07 0.00 | 21.57 -1.26 0.00 | 27.20 -2.02 0.00 | 27.18 -2.14 0.00 | 25.76 -1.73 0.00 | 23.22 -1.46 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.10 -0.43 0.00 |
| LONG_LAKE_PHOENIX 24014 | 19.36 -0.31 0.00 | 18.16 -0.31 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.08 -0.22 0.00 | 17.71 -0.20 0.00 | 18.68 -0.46 0.00 | 18.76 -0.50 0.00 | 18.92 -0.41 0.00 | 19.85 -0.32 0.00 | 19.92 -0.32 0.00 | 19.72 -0.32 0.00 | 19.61 -0.34 0.00 | 19.35 -0.37 0.00 | 20.74 -0.32 0.00 | 22.46 -0.37 0.00 | 28.69 -0.53 0.00 | 28.79 -0.53 0.00 | 27.03 -0.47 0.00 | 24.25 -0.42 0.00 | 22.34 -0.41 0.00 | 21.09 -0.41 0.00 | 20.17 -0.37 0.00 |
| LOVETT___3 23632 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| LOVETT___4 23642 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| LOVETT___5 23593 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.60 1.78 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| LOWER RAQUET___HYD 24057 | 18.83 -0.85 0.00 | 17.68 -0.79 0.00 | 15.92 -0.77 0.00 | 15.56 -0.77 0.00 | 16.75 -0.88 0.00 | 17.27 -1.02 0.00 | 16.76 -1.15 0.00 | 18.48 -0.65 0.00 | 18.41 -0.85 0.00 | 18.42 -0.91 0.00 | 19.26 -0.91 0.00 | 19.31 -0.93 0.00 | 19.16 -0.88 0.00 | 19.17 -0.78 0.00 | 18.98 -0.75 0.00 | 20.16 -0.90 0.00 | 21.57 -1.26 0.00 | 27.79 -1.43 0.00 | 27.94 -1.38 0.00 | 26.15 -1.35 0.00 | 23.54 -1.13 0.00 | 21.55 -1.21 0.00 | 20.48 -1.01 0.00 | 19.92 -0.62 0.00 |
| LOWER___HUDSON 24059 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.39 0.76 0.00 | 19.03 0.73 0.00 | 18.70 0.79 0.00 | 19.86 0.73 0.00 | 20.11 0.85 0.00 | 20.24 0.91 0.00 | 21.06 0.89 0.00 | 21.13 0.89 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 22.03 0.97 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 30.93 1.61 0.00 | 28.98 1.48 0.00 | 26.00 1.33 0.00 | 23.98 1.23 0.00 | 22.53 1.03 0.00 | 21.30 0.76 0.00 |
| LOWVILLE_115KV_TB2 356335 | 19.44 -0.24 0.00 | 18.18 -0.30 0.00 | 16.41 -0.28 0.00 | 16.05 -0.28 0.00 | 17.37 -0.26 0.00 | 18.02 -0.27 0.00 | 17.57 -0.34 0.00 | 18.94 -0.19 0.00 | 18.99 -0.27 0.00 | 19.12 -0.21 0.00 | 20.03 -0.14 0.00 | 20.04 -0.20 0.00 | 19.90 -0.14 0.00 | 19.87 -0.08 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.91 0.09 0.00 | 29.51 0.29 0.00 | 29.64 0.32 0.00 | 27.74 0.25 0.00 | 24.92 0.25 0.00 | 22.87 0.11 0.00 | 21.51 0.02 0.00 | 20.60 0.06 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.53 0.83 0.00 | 17.15 0.82 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.82 0.91 0.00 | 20.00 0.86 0.00 | 20.11 0.85 0.00 | 20.30 0.97 0.00 | 21.26 1.09 0.00 | 21.33 1.09 0.00 | 21.08 1.04 0.00 | 20.94 1.00 0.00 | 20.75 1.03 0.00 | 22.22 1.16 0.00 | 24.37 1.55 0.00 | 31.23 2.02 0.00 | 31.29 1.96 0.00 | 29.31 1.81 0.00 | 26.33 1.65 0.00 | 24.25 1.50 0.00 | 22.68 1.18 0.00 | 21.58 1.05 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 20.64 0.96 0.00 | 19.40 0.92 0.00 | 17.54 0.85 0.00 | 17.15 0.82 0.00 | 18.51 0.88 0.00 | 19.19 0.90 0.00 | 18.84 0.93 0.00 | 20.02 0.88 0.00 | 20.11 0.85 0.00 | 20.31 0.99 0.00 | 21.28 1.11 0.00 | 21.36 1.11 0.00 | 21.10 1.06 0.00 | 20.94 1.00 0.00 | 20.77 1.05 0.00 | 22.24 1.18 0.00 | 24.40 1.57 0.00 | 31.26 2.05 0.00 | 31.32 1.99 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.70 1.20 0.00 | 21.60 1.07 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 18.99 -0.69 0.00 | 17.81 -0.67 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.55 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.55 0.00 | 18.68 -0.58 0.00 | 18.69 -0.64 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.91 -0.58 0.00 | 20.10 -0.43 0.00 |

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| LYONS_FALL_HYD 23570 | 19.69 0.02 0.00 | 18.48 0.00 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.33 0.04 0.00 | 17.89 -0.02 0.00 | 19.19 0.06 0.00 | 19.28 0.02 0.00 | 19.43 0.10 0.00 | 20.33 0.16 0.00 | 20.36 0.12 0.00 | 20.20 0.16 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.31 0.25 0.00 | 23.21 0.39 0.00 | 29.83 0.61 0.00 | 29.97 0.64 0.00 | 28.04 0.55 0.00 | 25.19 0.52 0.00 | 23.14 0.39 0.00 | 21.77 0.28 0.00 | 20.82 0.29 0.00 |
| MADISON___COUNTY_LFGE 323628 | 20.13 0.45 0.00 | 18.94 0.46 0.00 | 17.11 0.42 0.00 | 16.74 0.41 0.00 | 18.13 0.49 0.00 | 18.84 0.55 0.00 | 18.43 0.52 0.00 | 19.59 0.46 0.00 | 19.66 0.40 0.00 | 19.85 0.52 0.00 | 20.81 0.65 0.00 | 20.85 0.61 0.00 | 20.66 0.62 0.00 | 20.54 0.60 0.00 | 20.30 0.57 0.00 | 21.76 0.70 0.00 | 23.67 0.84 0.00 | 30.33 1.11 0.00 | 30.44 1.11 0.00 | 28.54 1.04 0.00 | 25.61 0.94 0.00 | 23.55 0.80 0.00 | 22.16 0.67 0.00 | 21.19 0.66 0.00 |
| MALONE___115KV_TB1 356076 | 19.26 -0.41 0.00 | 18.05 -0.42 0.00 | 16.24 -0.45 0.00 | 15.84 -0.49 0.00 | 17.07 -0.56 0.00 | 17.69 -0.60 0.00 | 17.02 -0.90 0.00 | 18.70 -0.44 0.00 | 18.85 -0.40 0.00 | 18.73 -0.60 0.00 | 19.42 -0.75 0.00 | 19.49 -0.75 0.00 | 19.42 -0.62 0.00 | 19.45 -0.50 0.00 | 19.27 -0.45 0.00 | 20.43 -0.63 0.00 | 22.16 -0.66 0.00 | 28.60 -0.61 0.00 | 28.76 -0.56 0.00 | 26.97 -0.52 0.00 | 24.33 -0.35 0.00 | 22.25 -0.50 0.00 | 21.24 -0.26 0.00 | 20.64 0.10 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 20.54 0.87 0.00 | 19.31 0.83 0.00 | 17.46 0.77 0.00 | 17.06 0.73 0.00 | 18.41 0.78 0.00 | 19.06 0.77 0.00 | 18.72 0.81 0.00 | 19.88 0.75 0.00 | 19.97 0.71 0.00 | 20.18 0.85 0.00 | 21.04 0.87 0.00 | 21.11 0.87 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.50 0.77 0.00 | 21.90 0.84 0.00 | 23.98 1.16 0.00 | 30.71 1.49 0.00 | 30.76 1.44 0.00 | 28.81 1.32 0.00 | 25.86 1.18 0.00 | 23.87 1.11 0.00 | 22.33 0.84 0.00 | 21.23 0.70 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 19.16 -0.51 0.00 | 17.96 -0.52 0.00 | 16.21 -0.48 0.00 | 15.86 -0.47 0.00 | 17.14 -0.49 0.00 | 17.80 -0.49 0.00 | 17.43 -0.48 0.00 | 18.79 -0.34 0.00 | 18.85 -0.41 0.00 | 18.88 -0.44 0.00 | 19.68 -0.48 0.00 | 19.76 -0.49 0.00 | 19.58 -0.46 0.00 | 19.51 -0.44 0.00 | 19.33 -0.39 0.00 | 20.66 -0.40 0.00 | 22.39 -0.43 0.00 | 28.72 -0.50 0.00 | 28.85 -0.47 0.00 | 27.05 -0.44 0.00 | 24.28 -0.40 0.00 | 22.39 -0.36 0.00 | 21.17 -0.32 0.00 | 20.33 -0.21 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 19.16 -0.51 0.00 | 17.96 -0.52 0.00 | 16.21 -0.48 0.00 | 15.86 -0.47 0.00 | 17.14 -0.49 0.00 | 17.80 -0.49 0.00 | 17.43 -0.48 0.00 | 18.79 -0.34 0.00 | 18.85 -0.41 0.00 | 18.88 -0.44 0.00 | 19.68 -0.48 0.00 | 19.76 -0.49 0.00 | 19.58 -0.46 0.00 | 19.51 -0.44 0.00 | 19.33 -0.39 0.00 | 20.66 -0.40 0.00 | 22.39 -0.43 0.00 | 28.72 -0.50 0.00 | 28.85 -0.47 0.00 | 27.05 -0.44 0.00 | 24.28 -0.40 0.00 | 22.39 -0.36 0.00 | 21.17 -0.32 0.00 | 20.33 -0.21 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 19.10 -0.57 0.00 | 17.88 -0.59 0.00 | 16.09 -0.60 0.00 | 15.68 -0.65 0.00 | 16.87 -0.76 0.00 | 17.51 -0.79 0.00 | 16.80 -1.11 0.00 | 18.41 -0.73 0.00 | 18.35 -0.90 0.00 | 18.36 -0.97 0.00 | 19.12 -1.05 0.00 | 19.21 -1.03 0.00 | 19.12 -0.92 0.00 | 19.17 -0.78 0.00 | 19.02 -0.71 0.00 | 20.18 -0.88 0.00 | 21.91 -0.91 0.00 | 28.28 -0.94 0.00 | 28.47 -0.85 0.00 | 26.70 -0.80 0.00 | 24.03 -0.64 0.00 | 22.05 -0.71 0.00 | 20.93 -0.56 0.00 | 20.51 -0.02 0.00 |
| MARSHVLE_115KV_TB1 80742 | 21.03 1.36 0.00 | 19.81 1.33 0.00 | 17.91 1.22 0.00 | 17.51 1.18 0.00 | 18.94 1.30 0.00 | 19.67 1.37 0.00 | 19.29 1.38 0.00 | 20.49 1.36 0.00 | 20.59 1.33 0.00 | 20.76 1.43 0.00 | 21.82 1.65 0.00 | 21.88 1.64 0.00 | 21.64 1.60 0.00 | 21.48 1.54 0.00 | 21.31 1.58 0.00 | 22.79 1.73 0.00 | 25.06 2.24 0.00 | 32.20 2.98 0.00 | 32.28 2.96 0.00 | 30.22 2.72 0.00 | 27.12 2.44 0.00 | 25.07 2.32 0.00 | 23.43 1.93 0.00 | 22.34 1.81 0.00 |
| MARSH_HILL_WT_PWR 323713 | 20.24 0.57 0.00 | 18.99 0.52 0.00 | 17.31 0.62 0.00 | 16.98 0.65 0.00 | 18.43 0.79 0.00 | 19.28 0.99 0.00 | 18.88 0.97 0.00 | 19.69 0.56 0.00 | 19.84 0.58 0.00 | 19.95 0.62 0.00 | 21.02 0.85 0.00 | 21.07 0.83 0.00 | 20.92 0.88 0.00 | 20.76 0.82 0.00 | 20.46 0.73 0.00 | 22.07 1.01 0.00 | 24.12 1.30 0.00 | 30.91 1.69 0.00 | 31.05 1.73 0.00 | 29.17 1.68 0.00 | 26.15 1.48 0.00 | 24.12 1.37 0.00 | 22.76 1.27 0.00 | 21.81 1.27 0.00 |
| MCINTYRE_115KV_TB2 80467 | 19.22 -0.45 0.00 | 18.07 -0.41 0.00 | 16.27 -0.42 0.00 | 15.92 -0.41 0.00 | 17.16 -0.48 0.00 | 17.77 -0.53 0.00 | 17.23 -0.68 0.00 | 19.02 -0.11 0.00 | 19.18 -0.08 0.00 | 19.04 -0.29 0.00 | 19.73 -0.44 0.00 | 19.78 -0.47 0.00 | 19.60 -0.44 0.00 | 19.61 -0.34 0.00 | 19.39 -0.34 0.00 | 20.60 -0.46 0.00 | 22.16 -0.66 0.00 | 28.55 -0.67 0.00 | 28.71 -0.62 0.00 | 26.86 -0.63 0.00 | 24.18 -0.49 0.00 | 22.14 -0.61 0.00 | 21.13 -0.37 0.00 | 20.37 -0.16 0.00 |
| MECO____69_KV_BK1 80468 | 21.68 2.01 0.00 | 20.45 1.98 0.00 | 18.51 1.82 0.00 | 18.08 1.75 0.00 | 19.54 1.90 0.00 | 20.31 2.01 0.00 | 19.95 2.04 0.00 | 21.16 2.03 0.00 | 21.26 2.00 0.00 | 21.38 2.05 0.00 | 22.53 2.36 0.00 | 22.63 2.39 0.00 | 22.32 2.28 0.00 | 22.12 2.17 0.00 | 22.02 2.29 0.00 | 23.71 2.65 0.00 | 26.22 3.40 0.00 | 33.69 4.47 0.00 | 33.69 4.37 0.00 | 31.56 4.07 0.00 | 28.37 3.70 0.00 | 26.12 3.37 0.00 | 24.37 2.88 0.00 | 23.20 2.67 0.00 |
| MENANDS__115KV_TB5 355628 | 20.50 0.83 0.00 | 19.27 0.79 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.66 0.75 0.00 | 19.84 0.71 0.00 | 19.93 0.67 0.00 | 20.14 0.81 0.00 | 20.98 0.81 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.68 0.74 0.00 | 20.42 0.69 0.00 | 21.82 0.76 0.00 | 23.87 1.05 0.00 | 30.53 1.31 0.00 | 30.58 1.26 0.00 | 28.65 1.15 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.22 0.73 0.00 | 21.11 0.57 0.00 |
| MG INDUSTRY___DRP 24185 | 20.48 0.81 0.00 | 19.25 0.78 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.10 0.77 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.66 0.72 0.00 | 20.42 0.69 0.00 | 21.82 0.76 0.00 | 23.82 1.00 0.00 | 30.50 1.29 0.00 | 30.58 1.26 0.00 | 28.65 1.15 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.27 0.77 0.00 | 21.17 0.64 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 18.99 -0.69 0.00 | 17.81 -0.67 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.55 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.55 0.00 | 18.68 -0.58 0.00 | 18.69 -0.64 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.91 -0.58 0.00 | 20.10 -0.43 0.00 |
| MID___RAQUETTE_HYD 23851 | 18.83 -0.85 0.00 | 17.68 -0.79 0.00 | 15.92 -0.77 0.00 | 15.56 -0.77 0.00 | 16.75 -0.88 0.00 | 17.29 -1.01 0.00 | 16.77 -1.15 0.00 | 18.48 -0.65 0.00 | 18.64 -0.62 0.00 | 18.50 -0.83 0.00 | 19.26 -0.91 0.00 | 19.31 -0.93 0.00 | 19.16 -0.88 0.00 | 19.17 -0.78 0.00 | 18.98 -0.75 0.00 | 20.13 -0.93 0.00 | 21.57 -1.26 0.00 | 27.79 -1.43 0.00 | 27.94 -1.38 0.00 | 26.15 -1.35 0.00 | 23.54 -1.13 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 19.92 -0.62 0.00 |

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| MILLIKEN___1 23584 | 20.11 0.43 0.00 | 18.86 0.39 0.00 | 17.09 0.40 0.00 | 16.72 0.39 0.00 | 18.09 0.46 0.00 | 18.84 0.55 0.00 | 18.45 0.54 0.00 | 19.44 0.31 0.00 | 19.51 0.25 0.00 | 19.66 0.33 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.52 0.48 0.00 | 20.38 0.44 0.00 | 20.12 0.39 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.15 0.93 0.00 | 30.29 0.97 0.00 | 28.43 0.93 0.00 | 25.49 0.81 0.00 | 23.48 0.73 0.00 | 22.10 0.60 0.00 | 21.15 0.62 0.00 |
| MILLIKEN___2 23585 | 20.11 0.43 0.00 | 18.86 0.39 0.00 | 17.09 0.40 0.00 | 16.72 0.39 0.00 | 18.09 0.46 0.00 | 18.84 0.55 0.00 | 18.45 0.54 0.00 | 19.44 0.31 0.00 | 19.51 0.25 0.00 | 19.66 0.33 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.52 0.48 0.00 | 20.38 0.44 0.00 | 20.12 0.39 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.15 0.93 0.00 | 30.29 0.97 0.00 | 28.43 0.93 0.00 | 25.49 0.81 0.00 | 23.48 0.73 0.00 | 22.10 0.60 0.00 | 21.15 0.62 0.00 |
| MILLIKEN___DIESEL 23629 | 20.11 0.43 0.00 | 18.86 0.39 0.00 | 17.09 0.40 0.00 | 16.72 0.39 0.00 | 18.09 0.46 0.00 | 18.84 0.55 0.00 | 18.45 0.54 0.00 | 19.44 0.31 0.00 | 19.51 0.25 0.00 | 19.66 0.33 0.00 | 20.65 0.48 0.00 | 20.73 0.49 0.00 | 20.52 0.48 0.00 | 20.38 0.44 0.00 | 20.12 0.39 0.00 | 21.61 0.55 0.00 | 23.55 0.73 0.00 | 30.15 0.93 0.00 | 30.29 0.97 0.00 | 28.43 0.93 0.00 | 25.49 0.81 0.00 | 23.48 0.73 0.00 | 22.10 0.60 0.00 | 21.15 0.62 0.00 |
| MILLSEAT___LFGE 323607 | 19.14 -0.53 0.00 | 17.94 -0.54 0.00 | 16.49 -0.20 0.00 | 16.15 -0.18 0.00 | 17.44 -0.19 0.00 | 18.28 -0.02 0.00 | 17.89 -0.02 0.00 | 17.97 -1.17 0.00 | 18.05 -1.21 0.00 | 18.30 -1.03 0.00 | 19.44 -0.73 0.00 | 19.45 -0.79 0.00 | 19.32 -0.72 0.00 | 19.17 -0.78 0.00 | 18.82 -0.91 0.00 | 20.39 -0.67 0.00 | 22.02 -0.80 0.00 | 27.87 -1.34 0.00 | 27.89 -1.44 0.00 | 26.39 -1.10 0.00 | 23.76 -0.91 0.00 | 22.00 -0.75 0.00 | 21.02 -0.47 0.00 | 20.39 -0.14 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 20.80 1.12 0.00 | 19.53 1.05 0.00 | 17.58 0.88 0.00 | 17.20 0.87 0.00 | 18.55 0.92 0.00 | 19.21 0.91 0.00 | 18.88 0.97 0.00 | 20.03 0.90 0.00 | 20.11 0.85 0.00 | 20.41 1.08 0.00 | 21.40 1.23 0.00 | 21.50 1.25 0.00 | 21.28 1.24 0.00 | 21.16 1.22 0.00 | 20.97 1.24 0.00 | 22.39 1.33 0.00 | 24.53 1.71 0.00 | 31.44 2.22 0.00 | 31.58 2.26 0.00 | 29.64 2.14 0.00 | 26.52 1.85 0.00 | 24.53 1.77 0.00 | 22.89 1.40 0.00 | 21.73 1.19 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.05 0.92 0.00 | 20.13 0.87 0.00 | 20.43 1.10 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.18 1.24 0.00 | 20.99 1.26 0.00 | 22.41 1.35 0.00 | 24.58 1.76 0.00 | 31.53 2.31 0.00 | 31.67 2.35 0.00 | 29.69 2.20 0.00 | 26.60 1.92 0.00 | 24.57 1.82 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| MODEL_CITY_ENERGY 24167 | 18.69 -0.98 0.00 | 17.52 -0.96 0.00 | 16.14 -0.55 0.00 | 15.77 -0.56 0.00 | 17.01 -0.62 0.00 | 17.84 -0.46 0.00 | 17.48 -0.43 0.00 | 17.43 -1.70 0.00 | 17.51 -1.75 0.00 | 17.74 -1.58 0.00 | 18.84 -1.33 0.00 | 18.86 -1.38 0.00 | 18.76 -1.28 0.00 | 18.61 -1.34 0.00 | 18.27 -1.46 0.00 | 19.78 -1.29 0.00 | 21.31 -1.51 0.00 | 26.85 -2.37 0.00 | 26.83 -2.49 0.00 | 25.46 -2.03 0.00 | 22.95 -1.73 0.00 | 21.30 -1.46 0.00 | 20.37 -1.12 0.00 | 19.86 -0.68 0.00 |
| MODERN_LFGE___ 323580 | 18.69 -0.98 0.00 | 17.52 -0.96 0.00 | 16.14 -0.55 0.00 | 15.77 -0.56 0.00 | 17.01 -0.62 0.00 | 17.84 -0.46 0.00 | 17.48 -0.43 0.00 | 17.43 -1.70 0.00 | 17.51 -1.75 0.00 | 17.74 -1.58 0.00 | 18.84 -1.33 0.00 | 18.86 -1.38 0.00 | 18.76 -1.28 0.00 | 18.61 -1.34 0.00 | 18.27 -1.46 0.00 | 19.78 -1.29 0.00 | 21.31 -1.51 0.00 | 26.85 -2.37 0.00 | 26.83 -2.49 0.00 | 25.46 -2.03 0.00 | 22.95 -1.73 0.00 | 21.30 -1.46 0.00 | 20.37 -1.12 0.00 | 19.86 -0.68 0.00 |
| MOHAWK_PAPER___DRP 24187 | 20.54 0.87 0.00 | 19.31 0.83 0.00 | 17.46 0.77 0.00 | 17.06 0.73 0.00 | 18.41 0.78 0.00 | 19.06 0.77 0.00 | 18.72 0.81 0.00 | 19.88 0.75 0.00 | 19.97 0.71 0.00 | 20.18 0.85 0.00 | 21.04 0.87 0.00 | 21.11 0.87 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.50 0.77 0.00 | 21.90 0.84 0.00 | 23.98 1.16 0.00 | 30.71 1.49 0.00 | 30.76 1.44 0.00 | 28.81 1.32 0.00 | 25.86 1.18 0.00 | 23.87 1.11 0.00 | 22.33 0.84 0.00 | 21.23 0.70 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.54 0.85 0.00 | 17.15 0.82 0.00 | 18.51 0.88 0.00 | 19.19 0.90 0.00 | 18.84 0.93 0.00 | 20.03 0.90 0.00 | 20.15 0.89 0.00 | 20.35 1.02 0.00 | 21.36 1.19 0.00 | 21.44 1.19 0.00 | 21.16 1.12 0.00 | 20.98 1.04 0.00 | 20.83 1.10 0.00 | 22.32 1.26 0.00 | 24.56 1.73 0.00 | 31.50 2.28 0.00 | 31.52 2.20 0.00 | 29.50 2.01 0.00 | 26.50 1.83 0.00 | 24.39 1.64 0.00 | 22.78 1.29 0.00 | 21.66 1.13 0.00 |
| MONGAUP___HYD 23641 | 20.62 0.94 0.00 | 19.31 0.83 0.00 | 17.36 0.67 0.00 | 17.00 0.67 0.00 | 18.36 0.72 0.00 | 19.03 0.73 0.00 | 18.65 0.73 0.00 | 19.79 0.65 0.00 | 20.03 0.77 0.00 | 20.14 0.81 0.00 | 21.02 0.85 0.00 | 21.09 0.85 0.00 | 20.86 0.82 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 22.11 1.05 0.00 | 24.28 1.46 0.00 | 31.12 1.90 0.00 | 31.29 1.96 0.00 | 29.31 1.81 0.00 | 26.25 1.58 0.00 | 24.23 1.48 0.00 | 22.78 1.29 0.00 | 21.50 0.97 0.00 |
| MONTAUK___DIESEL 23721 | 24.03 2.58 -1.78 | 20.88 2.40 0.00 | 18.65 1.95 0.00 | 18.27 1.94 0.00 | 19.68 2.05 0.00 | 20.44 2.14 0.00 | 20.19 2.27 0.00 | 21.28 2.14 0.00 | 21.38 2.12 0.00 | 22.88 2.44 -1.12 | 22.71 2.54 0.00 | 22.82 2.55 -0.02 | 23.26 2.46 -0.76 | 22.40 2.45 0.00 | 22.37 2.49 -0.16 | 25.00 2.63 -1.31 | 32.92 3.26 -6.83 | 38.84 4.44 -5.18 | 40.61 4.37 -6.92 | 35.62 3.96 -4.17 | 31.28 3.38 -3.23 | 26.97 3.21 -1.01 | 25.25 2.71 -1.05 | 22.90 2.36 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 19.56 -0.12 0.00 | 18.27 -0.20 0.00 | 16.81 0.12 0.00 | 16.56 0.23 0.00 | 17.86 0.23 0.00 | 18.66 0.37 0.00 | 18.38 0.47 0.00 | 18.48 -0.65 0.00 | 18.53 -0.73 0.00 | 18.83 -0.50 0.00 | 20.03 -0.14 0.00 | 20.06 -0.18 0.00 | 19.96 -0.08 0.00 | 19.81 -0.14 0.00 | 19.39 -0.34 0.00 | 20.98 -0.08 0.00 | 22.71 -0.11 0.00 | 28.72 -0.50 0.00 | 28.76 -0.56 0.00 | 27.22 -0.27 0.00 | 24.53 -0.15 0.00 | 22.73 -0.02 0.00 | 21.62 0.13 0.00 | 21.17 0.64 0.00 |
| MORTIMER_115KV_TB3 55949 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.44 -0.25 0.00 | 16.10 -0.23 0.00 | 17.40 -0.23 0.00 | 18.15 -0.15 0.00 | 17.80 -0.11 0.00 | 18.31 -0.82 0.00 | 18.37 -0.89 0.00 | 18.61 -0.72 0.00 | 19.66 -0.50 0.00 | 19.72 -0.53 0.00 | 19.54 -0.50 0.00 | 19.41 -0.54 0.00 | 19.10 -0.63 0.00 | 20.58 -0.48 0.00 | 22.25 -0.57 0.00 | 28.25 -0.96 0.00 | 28.35 -0.97 0.00 | 26.75 -0.74 0.00 | 24.03 -0.64 0.00 | 22.23 -0.52 0.00 | 21.13 -0.37 0.00 | 20.35 -0.18 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.68 0.98 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.15 1.42 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |

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| MUNSVILLE_WIND_PWR 323609 | 21.11 1.44 0.00 | 19.92 1.44 0.00 | 18.03 1.34 0.00 | 17.60 1.27 0.00 | 19.11 1.48 0.00 | 19.98 1.68 0.00 | 19.42 1.50 0.00 | 20.61 1.47 0.00 | 20.72 1.46 0.00 | 20.88 1.55 0.00 | 21.94 1.78 0.00 | 21.96 1.72 0.00 | 21.76 1.72 0.00 | 21.62 1.68 0.00 | 21.37 1.64 0.00 | 23.04 1.98 0.00 | 25.35 2.53 0.00 | 32.69 3.48 0.00 | 32.87 3.55 0.00 | 30.79 3.30 0.00 | 27.61 2.93 0.00 | 25.32 2.57 0.00 | 23.77 2.28 0.00 | 22.79 2.26 0.00 |
| N SALMON___HYD 24042 | 19.26 -0.41 0.00 | 18.05 -0.42 0.00 | 16.24 -0.45 0.00 | 15.84 -0.49 0.00 | 17.07 -0.56 0.00 | 17.69 -0.60 0.00 | 17.02 -0.90 0.00 | 18.70 -0.44 0.00 | 18.62 -0.64 0.00 | 18.63 -0.70 0.00 | 19.42 -0.75 0.00 | 19.49 -0.75 0.00 | 19.42 -0.62 0.00 | 19.45 -0.50 0.00 | 19.28 -0.45 0.00 | 20.43 -0.63 0.00 | 22.16 -0.66 0.00 | 28.60 -0.61 0.00 | 28.76 -0.56 0.00 | 26.97 -0.52 0.00 | 24.33 -0.35 0.00 | 22.25 -0.50 0.00 | 21.11 -0.39 0.00 | 20.64 0.10 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 19.14 -0.53 0.00 | 17.94 -0.54 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.46 -0.18 0.00 | 18.20 -0.09 0.00 | 17.91 0.00 0.00 | 17.97 -1.17 0.00 | 18.01 -1.25 0.00 | 18.30 -1.02 0.00 | 19.42 -0.75 0.00 | 19.45 -0.79 0.00 | 19.30 -0.74 0.00 | 19.17 -0.78 0.00 | 18.82 -0.91 0.00 | 20.34 -0.72 0.00 | 22.00 -0.82 0.00 | 27.79 -1.43 0.00 | 27.89 -1.44 0.00 | 26.39 -1.10 0.00 | 23.74 -0.94 0.00 | 22.00 -0.75 0.00 | 21.02 -0.47 0.00 | 20.49 -0.04 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 23.06 1.61 -1.78 | 19.97 1.50 0.00 | 17.89 1.20 0.00 | 17.52 1.19 0.00 | 18.88 1.25 0.00 | 19.58 1.28 0.00 | 19.29 1.38 0.00 | 20.44 1.30 0.00 | 20.53 1.27 0.00 | 22.01 1.57 -1.12 | 21.90 1.73 0.00 | 22.03 1.76 -0.02 | 22.56 1.76 -0.76 | 21.68 1.74 0.00 | 21.64 1.76 -0.16 | 24.24 1.87 -1.31 | 31.93 2.28 -6.83 | 37.38 2.98 -5.18 | 39.26 3.02 -6.92 | 34.50 2.83 -4.17 | 30.37 2.47 -3.23 | 26.10 2.34 -1.01 | 24.50 1.96 -1.05 | 22.18 1.64 0.00 |
| N.E_GEN_SANDY PD 24062 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.51 0.82 0.00 | 17.13 0.80 0.00 | 18.46 0.83 0.00 | 19.10 0.80 0.00 | 18.79 0.88 0.00 | 19.94 0.80 0.00 | 20.22 0.96 0.00 | 20.35 1.02 0.00 | 21.16 0.99 0.00 | 21.25 1.01 0.00 | 21.00 0.96 0.00 | 20.90 0.96 0.00 | 20.71 0.99 0.00 | 22.18 1.12 0.00 | 24.83 1.48 -0.53 | 30.59 1.90 0.53 | 31.20 1.88 0.00 | 29.20 1.71 0.00 | 26.18 1.51 0.00 | 24.16 1.41 0.00 | 22.70 1.20 0.00 | 21.40 0.86 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.82 1.14 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.05 0.92 0.00 | 20.11 0.85 0.00 | 20.43 1.10 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.18 1.24 0.00 | 20.99 1.26 0.00 | 22.41 1.35 0.00 | 24.58 1.76 0.00 | 31.47 2.25 0.00 | 31.61 2.29 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.75 1.21 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 21.16 1.48 -0.01 | 19.85 1.37 -0.01 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.73 1.09 0.00 | 19.43 1.13 0.00 | 19.11 1.20 0.00 | 20.17 1.03 0.00 | 20.09 0.83 0.00 | 20.53 1.20 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.21 1.48 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.63 2.43 0.01 | 31.78 2.46 0.01 | 29.80 2.31 0.01 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.17 1.68 0.00 | 22.12 1.58 0.00 |
| N.TROY___115KV_TB1 355778 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.39 0.76 0.00 | 19.05 0.75 0.00 | 18.70 0.79 0.00 | 19.86 0.73 0.00 | 19.95 0.69 0.00 | 20.16 0.83 0.00 | 21.06 0.89 0.00 | 21.13 0.89 0.00 | 20.90 0.86 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 21.99 0.93 0.00 | 24.12 1.30 0.00 | 30.88 1.67 0.00 | 30.93 1.61 0.00 | 28.98 1.48 0.00 | 26.01 1.33 0.00 | 23.98 1.23 0.00 | 22.42 0.92 0.00 | 21.32 0.78 0.00 |
| NARROWS_GT1_1 24228 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_2 24229 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_3 24230 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_4 24231 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_5 24232 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_6 24233 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT1_7 24234 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_8 24235 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_1 24236 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_2 24237 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_3 24238 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_4 24239 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_5 24240 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_6 24241 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_7 24242 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NARROWS_GT2_8 24243 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.76 1.07 0.00 | 17.38 1.05 0.00 | 18.76 1.13 0.00 | 19.43 1.13 0.00 | 19.02 1.11 0.00 | 20.19 1.05 0.00 | 20.24 0.98 0.00 | 20.43 1.10 0.00 | 21.26 1.09 0.00 | 21.31 1.07 0.00 | 21.04 1.00 0.00 | 20.92 0.98 0.00 | 20.64 0.91 0.00 | 22.16 1.10 0.00 | 24.33 1.51 0.00 | 31.20 1.99 0.00 | 31.26 1.94 0.00 | 29.25 1.76 0.00 | 26.25 1.58 0.00 | 24.19 1.43 0.00 | 22.68 1.18 0.00 | 21.54 1.01 0.00 |
| NCHELSEA_115KV_TR2 355582 | 20.87 1.20 0.00 | 19.57 1.09 0.00 | 17.63 0.93 0.00 | 17.24 0.91 0.00 | 18.60 0.97 0.00 | 19.28 0.99 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.41 1.08 0.00 | 21.40 1.23 0.00 | 21.50 1.25 0.00 | 21.28 1.24 0.00 | 21.16 1.22 0.00 | 20.97 1.24 0.00 | 22.43 1.37 0.00 | 24.62 1.80 0.00 | 31.58 2.37 0.00 | 31.73 2.40 0.00 | 29.72 2.23 0.00 | 26.62 1.95 0.00 | 24.59 1.84 0.00 | 22.98 1.48 0.00 | 21.79 1.25 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.53 0.83 0.00 | 17.15 0.82 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.82 0.91 0.00 | 20.00 0.86 0.00 | 20.24 0.98 0.00 | 20.37 1.04 0.00 | 21.26 1.09 0.00 | 21.33 1.09 0.00 | 21.08 1.04 0.00 | 20.94 1.00 0.00 | 20.77 1.04 0.00 | 22.28 1.22 0.00 | 24.42 1.60 0.00 | 31.26 2.04 0.00 | 31.32 1.99 0.00 | 29.31 1.81 0.00 | 26.33 1.65 0.00 | 24.25 1.50 0.00 | 22.76 1.27 0.00 | 21.54 1.01 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.93 -0.75 0.00 | 17.74 -0.74 0.00 | 16.16 -0.53 0.00 | 15.82 -0.51 0.00 | 17.12 -0.51 0.00 | 17.88 -0.42 0.00 | 17.48 -0.43 0.00 | 18.12 -1.01 0.00 | 18.24 -1.02 0.00 | 18.42 -0.91 0.00 | 19.42 -0.75 0.00 | 19.47 -0.77 0.00 | 19.32 -0.72 0.00 | 19.19 -0.76 0.00 | 18.88 -0.85 0.00 | 20.32 -0.74 0.00 | 22.00 -0.82 0.00 | 28.02 -1.20 0.00 | 28.12 -1.20 0.00 | 26.48 -1.02 0.00 | 23.76 -0.91 0.00 | 21.93 -0.82 0.00 | 20.80 -0.69 0.00 | 19.96 -0.57 0.00 |
| NEG CENTRAL___DRP 24199 | 19.77 0.10 0.00 | 18.53 0.06 0.00 | 16.83 0.13 0.00 | 16.48 0.15 0.00 | 17.83 0.19 0.00 | 18.57 0.27 0.00 | 18.22 0.30 0.00 | 19.08 -0.06 0.00 | 19.14 -0.12 0.00 | 19.33 0.00 0.00 | 20.33 0.16 0.00 | 20.38 0.14 0.00 | 20.18 0.14 0.00 | 20.04 0.10 0.00 | 19.77 0.04 0.00 | 21.25 0.19 0.00 | 23.12 0.30 0.00 | 29.57 0.35 0.00 | 29.70 0.38 0.00 | 27.88 0.38 0.00 | 24.99 0.32 0.00 | 23.05 0.30 0.00 | 21.71 0.21 0.00 | 20.82 0.29 0.00 |
| NEG CENTRAL___INDECK 23768 | 20.21 0.53 0.00 | 18.92 0.44 0.00 | 17.24 0.55 0.00 | 16.90 0.57 0.00 | 18.34 0.71 0.00 | 19.19 0.90 0.00 | 18.79 0.88 0.00 | 19.46 0.32 0.00 | 19.55 0.29 0.00 | 19.70 0.37 0.00 | 20.73 0.56 0.00 | 20.77 0.53 0.00 | 20.60 0.56 0.00 | 20.40 0.46 0.00 | 20.08 0.36 0.00 | 21.78 0.72 0.00 | 23.80 0.98 0.00 | 30.47 1.26 0.00 | 30.64 1.32 0.00 | 28.81 1.32 0.00 | 25.83 1.16 0.00 | 23.82 1.07 0.00 | 22.53 1.03 0.00 | 21.58 1.05 0.00 |

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| NEG CENTRAL___SENECA 23627 | 19.91 0.24 0.00 | 18.66 0.18 0.00 | 16.96 0.27 0.00 | 16.61 0.28 0.00 | 17.98 0.35 0.00 | 18.75 0.46 0.00 | 18.40 0.48 0.00 | 19.19 0.06 0.00 | 19.24 -0.02 0.00 | 19.43 0.10 0.00 | 20.47 0.30 0.00 | 20.53 0.28 0.00 | 20.32 0.28 0.00 | 20.18 0.24 0.00 | 19.89 0.16 0.00 | 21.42 0.36 0.00 | 23.32 0.50 0.00 | 29.83 0.61 0.00 | 29.97 0.65 0.00 | 28.15 0.66 0.00 | 25.24 0.57 0.00 | 23.28 0.52 0.00 | 21.92 0.43 0.00 | 21.05 0.51 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 19.75 0.08 0.00 | 18.53 0.06 0.00 | 16.78 0.08 0.00 | 16.43 0.10 0.00 | 17.77 0.14 0.00 | 18.50 0.20 0.00 | 18.13 0.21 0.00 | 19.10 -0.04 0.00 | 19.16 -0.10 0.00 | 19.35 0.02 0.00 | 20.33 0.16 0.00 | 20.38 0.14 0.00 | 20.18 0.14 0.00 | 20.06 0.12 0.00 | 19.81 0.08 0.00 | 21.25 0.19 0.00 | 23.07 0.25 0.00 | 29.51 0.29 0.00 | 29.64 0.32 0.00 | 27.82 0.33 0.00 | 24.94 0.27 0.00 | 22.98 0.23 0.00 | 21.64 0.15 0.00 | 20.70 0.16 0.00 |
| NEG MILLWOOD___DRP 24198 | 20.97 1.30 0.00 | 19.66 1.18 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.67 1.04 0.00 | 19.34 1.04 0.00 | 18.97 1.06 0.00 | 20.13 1.00 0.00 | 20.22 0.96 0.00 | 20.47 1.14 0.00 | 21.48 1.31 0.00 | 21.60 1.36 0.00 | 21.36 1.32 0.00 | 21.24 1.30 0.00 | 21.03 1.30 0.00 | 22.49 1.43 0.00 | 24.69 1.87 0.00 | 31.76 2.54 0.00 | 31.90 2.58 0.00 | 29.91 2.42 0.00 | 26.80 2.12 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.87 1.33 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 19.38 -0.30 0.00 | 18.13 -0.35 0.00 | 16.31 -0.38 0.00 | 15.91 -0.42 0.00 | 17.12 -0.51 0.00 | 17.77 -0.53 0.00 | 16.91 -1.00 0.00 | 18.54 -0.59 0.00 | 18.68 -0.58 0.00 | 18.57 -0.75 0.00 | 19.24 -0.93 0.00 | 19.33 -0.91 0.00 | 19.26 -0.78 0.00 | 19.29 -0.66 0.00 | 19.14 -0.59 0.00 | 20.30 -0.76 0.00 | 22.07 -0.75 0.00 | 28.52 -0.70 0.00 | 28.71 -0.62 0.00 | 26.94 -0.55 0.00 | 24.25 -0.42 0.00 | 22.23 -0.52 0.00 | 21.24 -0.26 0.00 | 20.84 0.31 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 19.16 -0.51 0.00 | 17.94 -0.54 0.00 | 16.14 -0.55 0.00 | 15.73 -0.60 0.00 | 16.93 -0.71 0.00 | 17.58 -0.71 0.00 | 16.87 -1.04 0.00 | 18.50 -0.63 0.00 | 18.68 -0.58 0.00 | 18.54 -0.79 0.00 | 19.20 -0.97 0.00 | 19.29 -0.95 0.00 | 19.22 -0.82 0.00 | 19.25 -0.70 0.00 | 19.08 -0.65 0.00 | 20.26 -0.80 0.00 | 21.98 -0.84 0.00 | 28.37 -0.85 0.00 | 28.56 -0.76 0.00 | 26.81 -0.69 0.00 | 24.13 -0.54 0.00 | 22.11 -0.64 0.00 | 21.15 -0.34 0.00 | 20.56 0.02 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 19.42 -0.26 0.00 | 18.18 -0.30 0.00 | 16.34 -0.35 0.00 | 15.94 -0.39 0.00 | 17.16 -0.48 0.00 | 17.82 -0.48 0.00 | 17.00 -0.91 0.00 | 18.64 -0.50 0.00 | 18.80 -0.46 0.00 | 18.69 -0.64 0.00 | 19.36 -0.81 0.00 | 19.43 -0.81 0.00 | 19.40 -0.64 0.00 | 19.43 -0.52 0.00 | 19.27 -0.45 0.00 | 20.43 -0.63 0.00 | 22.25 -0.57 0.00 | 28.75 -0.47 0.00 | 28.94 -0.38 0.00 | 27.14 -0.36 0.00 | 24.48 -0.20 0.00 | 22.39 -0.36 0.00 | 21.36 -0.13 0.00 | 20.90 0.37 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 19.42 -0.26 0.00 | 18.18 -0.30 0.00 | 16.34 -0.35 0.00 | 15.94 -0.39 0.00 | 17.16 -0.48 0.00 | 17.82 -0.48 0.00 | 17.00 -0.91 0.00 | 18.64 -0.50 0.00 | 18.80 -0.46 0.00 | 18.69 -0.64 0.00 | 19.36 -0.81 0.00 | 19.43 -0.81 0.00 | 19.40 -0.64 0.00 | 19.43 -0.52 0.00 | 19.27 -0.45 0.00 | 20.43 -0.63 0.00 | 22.25 -0.57 0.00 | 28.75 -0.47 0.00 | 28.94 -0.38 0.00 | 27.14 -0.36 0.00 | 24.48 -0.20 0.00 | 22.39 -0.36 0.00 | 21.36 -0.13 0.00 | 20.90 0.37 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 19.42 -0.26 0.00 | 18.18 -0.30 0.00 | 16.34 -0.35 0.00 | 15.94 -0.39 0.00 | 17.16 -0.48 0.00 | 17.82 -0.48 0.00 | 17.00 -0.91 0.00 | 18.64 -0.50 0.00 | 18.58 -0.67 0.00 | 18.59 -0.73 0.00 | 19.36 -0.81 0.00 | 19.43 -0.81 0.00 | 19.40 -0.64 0.00 | 19.43 -0.52 0.00 | 19.28 -0.45 0.00 | 20.43 -0.63 0.00 | 22.25 -0.57 0.00 | 28.75 -0.47 0.00 | 28.94 -0.38 0.00 | 27.14 -0.36 0.00 | 24.47 -0.20 0.00 | 22.39 -0.36 0.00 | 21.21 -0.28 0.00 | 20.88 0.35 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 18.85 -0.83 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.99 -0.34 0.00 | 17.21 -0.42 0.00 | 17.97 -0.33 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.68 -1.58 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.96 -1.08 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.97 -1.10 0.00 | 21.54 -1.28 0.00 | 27.11 -2.10 0.00 | 27.18 -2.14 0.00 | 25.76 -1.73 0.00 | 23.22 -1.46 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.19 -0.35 0.00 |
| NEG WEST___LANCASTER 23811 | 19.54 -0.14 0.00 | 18.31 -0.17 0.00 | 16.84 0.15 0.00 | 16.54 0.21 0.00 | 17.84 0.21 0.00 | 18.61 0.31 0.00 | 18.27 0.36 0.00 | 18.18 -0.96 0.00 | 18.22 -1.04 0.00 | 18.50 -0.83 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.56 -0.48 0.00 | 19.41 -0.54 0.00 | 19.04 -0.69 0.00 | 20.58 -0.48 0.00 | 22.27 -0.55 0.00 | 28.11 -1.11 0.00 | 28.18 -1.14 0.00 | 26.67 -0.82 0.00 | 24.03 -0.64 0.00 | 22.30 -0.46 0.00 | 21.24 -0.26 0.00 | 21.03 0.49 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 19.95 0.28 0.00 | 18.72 0.24 0.00 | 16.98 0.28 0.00 | 16.62 0.29 0.00 | 17.97 0.33 0.00 | 18.70 0.40 0.00 | 18.32 0.41 0.00 | 19.23 0.10 0.00 | 19.41 0.15 0.00 | 19.52 0.19 0.00 | 20.47 0.30 0.00 | 20.55 0.30 0.00 | 20.36 0.32 0.00 | 20.22 0.28 0.00 | 19.97 0.24 0.00 | 21.42 0.36 0.00 | 23.32 0.50 0.00 | 29.80 0.58 0.00 | 29.88 0.56 0.00 | 28.10 0.60 0.00 | 25.22 0.54 0.00 | 23.28 0.52 0.00 | 21.99 0.49 0.00 | 21.03 0.49 0.00 |
| NEG___GEN_MONROE 24207 | 19.18 -0.49 0.00 | 17.98 -0.50 0.00 | 16.44 -0.25 0.00 | 16.12 -0.21 0.00 | 17.42 -0.21 0.00 | 18.15 -0.15 0.00 | 17.80 -0.11 0.00 | 18.24 -0.90 0.00 | 18.32 -0.94 0.00 | 18.57 -0.75 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.50 -0.54 0.00 | 19.35 -0.60 0.00 | 19.04 -0.69 0.00 | 20.51 -0.55 0.00 | 22.18 -0.64 0.00 | 28.17 -1.05 0.00 | 28.27 -1.06 0.00 | 26.70 -0.80 0.00 | 24.01 -0.67 0.00 | 22.21 -0.55 0.00 | 21.13 -0.37 0.00 | 20.41 -0.12 0.00 |
| NEPA___ENERGY 23901 | 19.42 -0.26 0.00 | 18.20 -0.28 0.00 | 16.74 0.05 0.00 | 16.44 0.11 0.00 | 17.74 0.11 0.00 | 18.50 0.20 0.00 | 18.18 0.27 0.00 | 18.31 -0.82 0.00 | 18.35 -0.91 0.00 | 18.63 -0.70 0.00 | 19.81 -0.36 0.00 | 19.84 -0.40 0.00 | 19.70 -0.34 0.00 | 19.57 -0.38 0.00 | 19.18 -0.55 0.00 | 20.70 -0.36 0.00 | 22.41 -0.41 0.00 | 28.25 -0.96 0.00 | 28.30 -1.03 0.00 | 26.81 -0.69 0.00 | 24.16 -0.52 0.00 | 22.46 -0.30 0.00 | 21.36 -0.13 0.00 | 20.92 0.39 0.00 |
| NEVERSink___HYD 23608 | 20.48 0.81 0.00 | 19.20 0.72 0.00 | 17.26 0.57 0.00 | 16.90 0.57 0.00 | 18.27 0.63 0.00 | 18.92 0.62 0.00 | 18.56 0.64 0.00 | 19.69 0.56 0.00 | 19.95 0.69 0.00 | 20.08 0.75 0.00 | 20.98 0.81 0.00 | 21.05 0.81 0.00 | 20.82 0.78 0.00 | 20.72 0.78 0.00 | 20.58 0.85 0.00 | 22.07 1.01 0.00 | 24.24 1.42 0.00 | 31.09 1.87 0.00 | 31.26 1.93 0.00 | 29.28 1.79 0.00 | 26.23 1.56 0.00 | 24.21 1.46 0.00 | 22.76 1.27 0.00 | 21.46 0.92 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 20.46 0.79 0.00 | 19.25 0.78 0.00 | 17.39 0.70 0.00 | 17.02 0.69 0.00 | 18.35 0.72 0.00 | 19.01 0.71 0.00 | 18.65 0.73 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.12 0.79 0.00 | 20.92 0.75 0.00 | 20.97 0.73 0.00 | 20.74 0.70 0.00 | 20.62 0.68 0.00 | 20.32 0.59 0.00 | 21.71 0.65 0.00 | 23.71 0.89 0.00 | 30.36 1.14 0.00 | 30.41 1.08 0.00 | 28.48 0.99 0.00 | 25.56 0.89 0.00 | 23.59 0.84 0.00 | 22.12 0.62 0.00 | 21.01 0.47 0.00 |

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| NEWTON___FALLS_HYD 23847 | 18.99 -0.69 0.00 | 17.81 -0.67 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.55 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.55 0.00 | 18.68 -0.58 0.00 | 18.69 -0.64 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.91 -0.58 0.00 | 20.10 -0.43 0.00 |
| NGRID_A1_DSASP 323792 | 18.44 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.73 -0.60 0.00 | 16.94 -0.69 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.35 -1.91 0.00 | 17.57 -1.76 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.60 -1.44 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.57 -1.49 0.00 | 21.09 -1.74 0.00 | 26.53 -2.69 0.00 | 26.51 -2.82 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.18 -1.31 0.00 | 19.67 -0.86 0.00 |
| NGRID_A2_DSASP 323793 | 18.44 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.73 -0.60 0.00 | 16.94 -0.69 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.35 -1.91 0.00 | 17.57 -1.76 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.60 -1.44 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.57 -1.49 0.00 | 21.09 -1.74 0.00 | 26.53 -2.69 0.00 | 26.51 -2.82 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.18 -1.31 0.00 | 19.67 -0.86 0.00 |
| NGRID_A4_DSASP 323807 | 18.44 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.73 -0.60 0.00 | 16.94 -0.69 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.35 -1.91 0.00 | 17.57 -1.76 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.60 -1.44 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.57 -1.49 0.00 | 21.09 -1.74 0.00 | 26.53 -2.69 0.00 | 26.51 -2.82 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.18 -1.31 0.00 | 19.67 -0.86 0.00 |
| NIAGARA_115E_LBMP 323715 | 18.59 -1.08 0.00 | 17.42 -1.05 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.93 -0.71 0.00 | 17.73 -0.57 0.00 | 17.39 -0.52 0.00 | 17.32 -1.82 0.00 | 17.39 -1.87 0.00 | 17.63 -1.70 0.00 | 18.72 -1.45 0.00 | 18.74 -1.50 0.00 | 18.63 -1.40 0.00 | 18.49 -1.46 0.00 | 18.15 -1.58 0.00 | 19.63 -1.43 0.00 | 21.16 -1.66 0.00 | 26.65 -2.57 0.00 | 26.62 -2.70 0.00 | 25.27 -2.23 0.00 | 22.77 -1.90 0.00 | 21.14 -1.61 0.00 | 20.25 -1.25 0.00 | 19.73 -0.80 0.00 |
| NIAGARA_115W_LBMP 323714 | 18.40 -1.28 0.00 | 17.26 -1.22 0.00 | 15.91 -0.78 0.00 | 15.69 -0.64 0.00 | 16.91 -0.72 0.00 | 17.71 -0.59 0.00 | 17.23 -0.68 0.00 | 17.24 0.00 | 17.29 -1.96 0.00 | 17.53 -1.80 0.00 | 18.62 -1.55 0.00 | 18.64 -1.60 0.00 | 18.54 -1.50 0.00 | 18.39 -1.56 0.00 | 18.05 -1.68 0.00 | 19.52 -1.54 0.00 | 21.04 -1.78 0.00 | 26.47 -2.75 0.00 | 26.42 -2.90 0.00 | 25.10 -2.39 0.00 | 22.63 -2.05 0.00 | 21.00 -1.75 0.00 | 20.12 -1.38 0.00 | 19.61 -0.92 0.00 |
| NIAGARA_230_LBMP 323716 | 18.71 -0.96 0.00 | 17.55 -0.92 0.00 | 16.16 -0.53 0.00 | 15.86 -0.47 0.00 | 17.10 -0.53 0.00 | 17.91 -0.39 0.00 | 17.50 -0.41 0.00 | 17.53 -1.61 0.00 | 17.62 -1.64 0.00 | 17.84 -1.49 0.00 | 18.92 -1.25 0.00 | 18.97 -1.27 0.00 | 18.84 -1.20 0.00 | 18.71 -1.24 0.00 | 18.35 -1.38 0.00 | 19.84 -1.22 0.00 | 21.38 -1.44 0.00 | 26.94 -2.28 0.00 | 26.89 -2.43 0.00 | 25.51 -1.98 0.00 | 23.02 -1.65 0.00 | 21.36 -1.39 0.00 | 20.46 -1.03 0.00 | 19.92 -0.62 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 18.40 -1.28 0.00 | 17.26 -1.22 0.00 | 15.91 -0.78 0.00 | 15.61 -0.72 0.00 | 16.91 -0.72 0.00 | 17.64 -0.66 0.00 | 17.23 -0.68 0.00 | 17.24 -1.89 0.00 | 17.29 -1.96 0.00 | 17.53 -1.80 0.00 | 18.62 -1.55 0.00 | 18.64 -1.60 0.00 | 18.52 -1.52 0.00 | 18.39 -1.56 0.00 | 18.05 -1.68 0.00 | 19.50 -1.56 0.00 | 21.02 -1.80 0.00 | 26.38 -2.83 0.00 | 26.42 -2.90 0.00 | 25.10 -2.39 0.00 | 22.63 -2.05 0.00 | 21.00 -1.75 0.00 | 20.14 -1.35 0.00 | 19.71 -0.82 0.00 |
| NIAGARA____ 23760 | 18.71 -0.96 0.00 | 17.55 -0.92 0.00 | 16.16 -0.53 0.00 | 15.86 -0.47 0.00 | 17.10 -0.53 0.00 | 17.91 -0.39 0.00 | 17.50 -0.41 0.00 | 17.53 -1.61 0.00 | 17.62 -1.64 0.00 | 17.84 -1.49 0.00 | 18.92 -1.25 0.00 | 18.97 -1.27 0.00 | 18.84 -1.20 0.00 | 18.71 -1.24 0.00 | 18.35 -1.38 0.00 | 19.84 -1.22 0.00 | 21.38 -1.44 0.00 | 26.94 -2.28 0.00 | 26.89 -2.43 0.00 | 25.51 -1.98 0.00 | 23.02 -1.65 0.00 | 21.36 -1.39 0.00 | 20.46 -1.03 0.00 | 19.92 -0.62 0.00 |
| NINE_MILE_1 23575 | 19.16 -0.51 0.00 | 18.00 -0.48 0.00 | 16.29 -0.40 0.00 | 15.94 -0.39 0.00 | 17.23 -0.40 0.00 | 17.91 -0.39 0.00 | 17.53 -0.38 0.00 | 18.52 -0.61 0.00 | 18.64 -0.62 0.00 | 18.75 -0.58 0.00 | 19.63 -0.54 0.00 | 19.70 -0.55 0.00 | 19.50 -0.54 0.00 | 19.41 -0.54 0.00 | 19.16 -0.57 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.67 -0.82 0.00 | 23.93 -0.74 0.00 | 22.07 -0.68 0.00 | 20.89 -0.60 0.00 | 19.98 -0.55 0.00 |
| NINE_MILE_2 23744 | 19.16 -0.51 0.00 | 18.00 -0.48 0.00 | 16.29 -0.40 0.00 | 15.94 -0.39 0.00 | 17.23 -0.40 0.00 | 17.91 -0.39 0.00 | 17.53 -0.38 0.00 | 18.52 -0.61 0.00 | 18.64 -0.62 0.00 | 18.75 -0.58 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.50 -0.54 0.00 | 19.41 -0.54 0.00 | 19.16 -0.57 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.67 -0.82 0.00 | 23.93 -0.74 0.00 | 22.07 -0.68 0.00 | 20.89 -0.60 0.00 | 19.98 -0.55 0.00 |
| NM_CAPITAL___DRP 24208 | 20.48 0.81 0.00 | 19.25 0.78 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.35 0.72 0.00 | 19.01 0.71 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.12 0.79 0.00 | 20.94 0.77 0.00 | 21.01 0.77 0.00 | 20.78 0.74 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.78 0.72 0.00 | 23.80 0.98 0.00 | 30.44 1.23 0.00 | 30.52 1.20 0.00 | 28.57 1.07 0.00 | 25.66 0.99 0.00 | 23.68 0.93 0.00 | 22.18 0.69 0.00 | 21.07 0.53 0.00 |
| NM_CENTRAL___DRP 24181 | 19.52 -0.16 0.00 | 18.31 -0.17 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.56 -0.07 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 18.83 -0.31 0.00 | 18.91 -0.35 0.00 | 19.10 -0.23 0.00 | 20.03 -0.14 0.00 | 20.10 -0.14 0.00 | 19.90 -0.14 0.00 | 19.79 -0.16 0.00 | 19.53 -0.20 0.00 | 20.93 -0.13 0.00 | 22.68 -0.14 0.00 | 28.95 -0.26 0.00 | 29.06 -0.26 0.00 | 27.30 -0.19 0.00 | 24.48 -0.20 0.00 | 22.57 -0.18 0.00 | 21.30 -0.19 0.00 | 20.39 -0.14 0.00 |
| NM_FRONTIER___DRP 24179 | 18.40 -1.28 0.00 | 17.26 -1.22 0.00 | 15.91 -0.78 0.00 | 15.61 -0.72 0.00 | 16.91 -0.72 0.00 | 17.64 -0.66 0.00 | 17.23 -0.68 0.00 | 17.24 -1.89 0.00 | 17.29 -1.96 0.00 | 17.53 -1.80 0.00 | 18.62 -1.55 0.00 | 18.64 -1.60 0.00 | 18.52 -1.52 0.00 | 18.39 -1.56 0.00 | 18.05 -1.68 0.00 | 19.50 -1.56 0.00 | 21.02 -1.80 0.00 | 26.38 -2.83 0.00 | 26.42 -2.90 0.00 | 25.10 -2.39 0.00 | 22.63 -2.05 0.00 | 21.00 -1.75 0.00 | 20.14 -1.35 0.00 | 19.71 -0.82 0.00 |
| NM_ST_REGIS___HYD 24053 | 18.91 -0.77 0.00 | 17.74 -0.74 0.00 | 15.97 -0.72 0.00 | 15.60 -0.73 0.00 | 16.79 -0.85 0.00 | 17.34 -0.95 0.00 | 16.78 -1.13 0.00 | 18.50 -0.63 0.00 | 18.66 -0.60 0.00 | 18.54 -0.79 0.00 | 19.26 -0.91 0.00 | 19.33 -0.91 0.00 | 19.20 -0.84 0.00 | 19.21 -0.74 0.00 | 19.02 -0.71 0.00 | 20.18 -0.88 0.00 | 21.68 -1.14 0.00 | 27.96 -1.26 0.00 | 28.12 -1.20 0.00 | 26.31 -1.18 0.00 | 23.69 -0.99 0.00 | 21.68 -1.07 0.00 | 20.74 -0.75 0.00 | 20.06 -0.47 0.00 |

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| NORTHPORT___1 23551 | 23.10 1.65 -1.78 | 20.03 1.55 0.00 | 17.94 1.25 0.00 | 17.56 1.23 0.00 | 18.92 1.29 0.00 | 19.61 1.32 0.00 | 19.34 1.43 0.00 | 20.47 1.34 0.00 | 20.88 1.62 0.00 | 22.15 1.70 -1.12 | 21.92 1.75 0.00 | 22.05 1.78 -0.02 | 22.54 1.74 -0.76 | 21.68 1.73 0.00 | 21.66 1.78 -0.16 | 24.28 1.92 -1.31 | 32.00 2.35 -6.83 | 37.35 2.95 -5.18 | 39.20 2.96 -6.92 | 34.44 2.78 -4.17 | 30.35 2.44 -3.23 | 26.10 2.34 -1.01 | 24.65 2.11 -1.05 | 22.14 1.60 0.00 |
| NORTHPORT___2 23552 | 23.04 1.59 -1.78 | 20.01 1.53 0.00 | 17.91 1.22 0.00 | 17.54 1.21 0.00 | 18.88 1.25 0.00 | 19.58 1.28 0.00 | 19.33 1.41 0.00 | 20.45 1.32 0.00 | 20.84 1.58 0.00 | 22.12 1.68 -1.12 | 21.88 1.71 0.00 | 22.01 1.74 -0.02 | 22.52 1.72 -0.76 | 21.64 1.69 0.00 | 21.62 1.74 -0.16 | 24.24 1.87 -1.31 | 31.96 2.30 -6.83 | 34.83 2.83 -2.78 | 34.83 2.84 -2.66 | 34.36 2.70 -4.17 | 30.30 2.39 -3.23 | 26.03 2.27 -1.01 | 24.60 2.06 -1.05 | 22.09 1.56 0.00 |
| NORTHPORT___3 23553 | 23.08 1.63 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.60 1.30 0.00 | 19.33 1.41 0.00 | 20.45 1.32 0.00 | 20.86 1.60 0.00 | 22.15 1.70 -1.12 | 21.92 1.75 0.00 | 22.05 1.78 -0.02 | 22.58 1.78 -0.76 | 21.70 1.76 0.00 | 21.66 1.78 -0.16 | 24.33 1.96 -1.31 | 32.00 2.35 -6.83 | 37.44 3.04 -5.18 | 39.32 3.08 -6.92 | 34.55 2.89 -4.17 | 30.42 2.52 -3.23 | 26.12 2.37 -1.01 | 24.69 2.15 -1.05 | 22.16 1.62 0.00 |
| NORTHPORT___4 23650 | 23.08 1.63 -1.78 | 19.99 1.52 0.00 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.60 1.30 0.00 | 19.33 1.41 0.00 | 20.45 1.32 0.00 | 20.86 1.60 0.00 | 22.15 1.70 -1.12 | 21.92 1.75 0.00 | 22.05 1.78 -0.02 | 22.58 1.78 -0.76 | 21.70 1.76 0.00 | 21.66 1.78 -0.16 | 24.33 1.96 -1.31 | 32.00 2.35 -6.83 | 37.44 3.04 -5.18 | 39.32 3.08 -6.92 | 34.55 2.89 -4.17 | 30.42 2.52 -3.23 | 26.12 2.37 -1.01 | 24.69 2.15 -1.05 | 22.16 1.62 0.00 |
| NORTHPORT___IC 23718 | 23.04 1.59 -1.78 | 20.01 1.53 0.00 | 17.91 1.22 0.00 | 17.54 1.21 0.00 | 18.88 1.25 0.00 | 19.58 1.28 0.00 | 19.33 1.41 0.00 | 20.45 1.32 0.00 | 20.84 1.58 0.00 | 22.12 1.68 -1.12 | 21.88 1.71 0.00 | 22.01 1.74 -0.02 | 22.52 1.72 -0.76 | 21.64 1.69 0.00 | 21.62 1.74 -0.16 | 24.24 1.87 -1.31 | 31.96 2.30 -6.83 | 34.83 2.83 -2.78 | 34.83 2.84 -2.66 | 34.36 2.70 -4.17 | 30.30 2.39 -3.23 | 26.03 2.27 -1.01 | 24.60 2.06 -1.05 | 22.09 1.56 0.00 |
| NORTH___COUNTRY_ESR 323785 | 19.08 -0.59 0.00 | 17.85 -0.63 0.00 | 16.06 -0.63 0.00 | 15.66 -0.67 0.00 | 16.86 -0.78 0.00 | 17.49 -0.80 0.00 | 16.80 -1.11 0.00 | 18.43 -0.71 0.00 | 18.39 -0.87 0.00 | 18.38 -0.95 0.00 | 19.14 -1.03 0.00 | 19.23 -1.01 0.00 | 19.14 -0.90 0.00 | 19.17 -0.78 0.00 | 19.02 -0.71 0.00 | 20.18 -0.88 0.00 | 21.86 -0.96 0.00 | 28.22 -0.99 0.00 | 28.41 -0.91 0.00 | 26.67 -0.82 0.00 | 24.01 -0.67 0.00 | 22.00 -0.75 0.00 | 20.91 -0.58 0.00 | 20.45 -0.08 0.00 |
| NPX_GEN_1385_PROXY 323591 | 22.91 1.46 -1.78 | 20.01 1.53 0.00 | 17.91 1.22 0.00 | 17.54 1.21 0.00 | 18.81 1.18 0.00 | 19.50 1.21 0.00 | 19.33 1.41 0.00 | 20.45 1.32 0.00 | 20.84 1.58 0.00 | 22.12 1.68 -1.12 | 21.88 1.71 0.00 | 22.01 1.74 -0.02 | 22.52 1.72 -0.76 | 21.64 1.69 0.00 | 21.62 1.74 -0.16 | 24.20 1.83 -1.31 | 32.39 2.21 -7.36 | 34.07 2.60 -2.25 | 34.63 2.64 -2.66 | 34.17 2.50 -4.17 | 30.00 2.10 -3.23 | 25.92 2.16 -1.01 | 24.54 2.00 -1.05 | 22.09 1.56 0.00 |
| NPX_GEN_CSC 323557 | 23.44 1.99 -1.78 | 20.34 1.87 0.00 | 18.20 1.50 0.00 | 17.82 1.49 0.00 | 19.20 1.57 0.00 | 19.91 1.61 0.00 | 19.67 1.76 0.00 | 20.76 1.63 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.13 1.96 0.00 | 22.21 1.94 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.80 1.91 -0.16 | 24.41 2.04 -1.31 | 32.73 2.56 -7.36 | 37.35 3.48 -4.66 | 39.55 3.31 -6.92 | 34.66 3.00 -4.17 | 30.42 2.52 -3.23 | 26.17 2.41 -1.01 | 24.69 2.15 -1.05 | 22.18 1.64 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 20.60 0.92 0.00 | 19.38 0.91 0.00 | 17.53 0.83 0.00 | 17.13 0.80 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.82 0.91 0.00 | 20.02 0.88 0.00 | 20.15 0.89 0.00 | 20.33 1.01 0.00 | 21.34 1.17 0.00 | 21.42 1.17 0.00 | 21.16 1.12 0.00 | 20.98 1.04 0.00 | 20.81 1.09 0.00 | 22.32 1.26 0.00 | 24.53 1.71 0.00 | 31.47 2.25 0.00 | 31.49 2.17 0.00 | 29.47 1.98 0.00 | 26.50 1.83 0.00 | 24.37 1.62 0.00 | 22.76 1.27 0.00 | 21.64 1.11 0.00 |
| NUCOR_STEEL___DRP 24197 | 19.75 0.08 0.00 | 18.53 0.06 0.00 | 16.79 0.10 0.00 | 16.43 0.10 0.00 | 17.77 0.14 0.00 | 18.50 0.20 0.00 | 18.13 0.21 0.00 | 19.08 -0.06 0.00 | 19.14 -0.12 0.00 | 19.31 -0.02 0.00 | 20.29 0.12 0.00 | 20.36 0.12 0.00 | 20.16 0.12 0.00 | 20.02 0.08 0.00 | 19.77 0.04 0.00 | 21.21 0.15 0.00 | 23.03 0.21 0.00 | 29.42 0.20 0.00 | 29.56 0.23 0.00 | 27.74 0.25 0.00 | 24.90 0.22 0.00 | 22.93 0.18 0.00 | 21.62 0.13 0.00 | 20.70 0.16 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 19.38 -0.29 0.00 | 18.14 -0.33 0.00 | 16.36 -0.33 0.00 | 16.00 -0.33 0.00 | 17.32 -0.32 0.00 | 17.98 -0.31 0.00 | 17.52 -0.39 0.00 | 18.91 -0.23 0.00 | 18.93 -0.33 0.00 | 19.06 -0.27 0.00 | 19.97 -0.20 0.00 | 20.00 -0.24 0.00 | 19.86 -0.18 0.00 | 19.81 -0.14 0.00 | 19.61 -0.12 0.00 | 21.00 -0.06 0.00 | 22.84 0.02 0.00 | 29.45 0.23 0.00 | 29.59 0.26 0.00 | 27.69 0.19 0.00 | 24.85 0.17 0.00 | 22.80 0.05 0.00 | 21.47 -0.02 0.00 | 20.56 0.02 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 19.67 0.00 0.00 | 18.48 0.00 0.00 | 16.69 0.00 0.00 | 16.33 0.00 0.00 | 17.63 0.00 0.00 | 18.30 0.00 0.00 | 17.91 0.00 0.00 | 19.14 0.00 0.00 | 19.26 0.00 0.00 | 19.33 0.00 0.00 | 20.17 0.00 0.00 | 20.24 0.00 0.00 | 20.04 0.00 0.00 | 19.95 0.00 0.00 | 19.73 0.00 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.22 0.00 0.00 | 29.32 0.00 0.00 | 27.49 0.00 0.00 | 24.67 0.00 0.00 | 22.75 0.00 0.00 | 21.49 0.00 0.00 | 20.53 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 23.30 1.85 -1.78 | 20.21 1.74 0.00 | 18.09 1.40 0.00 | 17.72 1.39 0.00 | 19.08 1.45 0.00 | 19.78 1.48 0.00 | 19.52 1.61 0.00 | 20.65 1.51 0.00 | 21.05 1.79 0.00 | 22.34 1.90 -1.12 | 22.11 1.94 0.00 | 22.23 1.96 -0.02 | 22.74 1.94 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.52 2.15 -1.31 | 32.25 2.60 -6.83 | 37.73 3.33 -5.18 | 39.61 3.37 -6.92 | 34.80 3.13 -4.17 | 30.64 2.74 -3.23 | 26.33 2.57 -1.01 | 24.88 2.34 -1.05 | 22.34 1.81 0.00 |
| NYPA_GOWANUS___GT5 24156 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |
| NYPA_GOWANUS___GT6 24157 | 21.20 1.52 -0.01 | 19.91 1.42 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.47 1.21 0.00 | 20.68 1.35 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.68 1.62 0.00 | 24.81 1.98 0.00 | 32.50 2.60 -0.68 | 56.02 2.64 -24.06 | 83.91 2.48 -53.94 | 26.82 2.15 0.00 | 24.89 2.12 -0.02 | 23.49 1.98 -0.02 | 22.10 1.56 -0.01 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA_HARLEM__RVR__GT1 24160 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.75 1.05 -0.01 | 17.35 1.01 -0.01 | 18.72 1.08 -0.01 | 19.40 1.10 -0.01 | 19.08 1.16 0.00 | 20.12 0.99 0.01 | 20.41 1.16 0.01 | 20.58 1.26 0.01 | 21.47 1.31 0.01 | 21.59 1.36 0.01 | 21.41 1.38 0.01 | 21.31 1.38 0.01 | 21.14 1.42 0.01 | 22.55 1.50 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.26 0.01 | 26.64 1.97 0.01 | 24.69 1.93 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.75 1.05 -0.01 | 17.35 1.01 -0.01 | 18.72 1.08 -0.01 | 19.40 1.10 -0.01 | 19.08 1.16 0.00 | 20.12 0.99 0.01 | 20.41 1.16 0.01 | 20.58 1.26 0.01 | 21.47 1.31 0.01 | 21.59 1.36 0.01 | 21.41 1.38 0.01 | 21.31 1.38 0.01 | 21.14 1.42 0.01 | 22.55 1.50 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.26 0.01 | 26.64 1.97 0.01 | 24.69 1.93 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| NYPA_KENT____GT 24152 | 21.14 1.46 -0.01 | 19.85 1.37 -0.01 | 17.85 1.15 -0.01 | 17.45 1.11 -0.01 | 18.84 1.20 -0.01 | 19.48 1.17 -0.01 | 19.11 1.20 0.00 | 20.23 1.09 0.00 | 20.47 1.21 0.00 | 20.66 1.33 0.00 | 21.58 1.41 0.00 | 21.68 1.44 0.00 | 21.52 1.48 0.00 | 21.42 1.48 0.00 | 21.23 1.50 0.00 | 22.66 1.60 0.00 | 24.78 1.96 0.00 | 32.20 2.54 -0.44 | 47.37 2.58 -15.47 | 64.60 2.42 -34.69 | 26.80 2.12 0.00 | 24.83 2.07 -0.01 | 23.44 1.94 -0.01 | 22.06 1.52 -0.01 |
| NYPA_POUCH1____GT 24155 | 21.22 1.54 -0.01 | 19.93 1.44 -0.01 | 17.89 1.19 -0.01 | 17.48 1.14 -0.01 | 18.87 1.23 -0.01 | 19.49 1.19 -0.01 | 19.09 1.18 0.00 | 20.19 1.05 0.00 | 20.40 1.14 0.00 | 20.60 1.28 0.00 | 21.50 1.33 0.00 | 21.62 1.38 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.74 1.92 0.00 | 32.38 2.48 -0.68 | 55.84 2.46 -24.06 | 83.77 2.34 -53.94 | 26.72 2.05 0.00 | 24.82 2.05 -0.02 | 23.42 1.91 -0.02 | 22.06 1.52 -0.01 |
| NYPA_VERNON____GT2 24162 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.82 1.12 -0.01 | 17.42 1.08 -0.01 | 18.79 1.15 -0.01 | 19.44 1.13 -0.01 | 19.09 1.18 0.00 | 20.21 1.07 0.00 | 20.47 1.21 0.00 | 20.66 1.33 0.00 | 21.56 1.39 0.00 | 21.66 1.42 0.00 | 21.50 1.46 0.00 | 21.40 1.46 0.00 | 21.21 1.48 0.00 | 22.64 1.58 0.00 | 24.74 1.92 0.00 | 31.89 2.48 -0.19 | 38.75 2.55 -6.88 | 45.32 2.39 -15.43 | 26.75 2.07 0.00 | 24.78 2.02 -0.01 | 23.41 1.91 -0.01 | 22.02 1.48 -0.01 |
| NYPA_VERNON____GT3 24163 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.82 1.12 -0.01 | 17.42 1.08 -0.01 | 18.79 1.15 -0.01 | 19.44 1.13 -0.01 | 19.09 1.18 0.00 | 20.21 1.07 0.00 | 20.47 1.21 0.00 | 20.66 1.33 0.00 | 21.56 1.39 0.00 | 21.66 1.42 0.00 | 21.50 1.46 0.00 | 21.40 1.46 0.00 | 21.21 1.48 0.00 | 22.64 1.58 0.00 | 24.74 1.92 0.00 | 31.89 2.48 -0.19 | 38.75 2.55 -6.88 | 45.32 2.39 -15.43 | 26.75 2.07 0.00 | 24.78 2.02 -0.01 | 23.41 1.91 -0.01 | 22.02 1.48 -0.01 |
| NYPA__ASTORIA_CC1 323568 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 -0.01 | 17.40 1.06 -0.01 | 18.77 1.13 -0.01 | 19.42 1.12 -0.01 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.62 1.30 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.69 1.87 0.00 | 31.74 2.42 -0.10 | 35.25 2.49 -3.43 | 37.53 2.34 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.37 1.87 0.00 | 22.00 1.46 -0.01 |
| NYPA__ASTORIA_CC2 323569 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.78 1.08 -0.01 | 17.40 1.06 -0.01 | 18.77 1.13 -0.01 | 19.42 1.12 -0.01 | 19.08 1.16 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.62 1.30 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.69 1.87 0.00 | 31.74 2.42 -0.10 | 35.25 2.49 -3.43 | 37.53 2.34 -7.70 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.37 1.87 0.00 | 22.00 1.46 -0.01 |
| NYPA__HOLTSVILL 23794 | 23.26 1.81 -1.78 | 20.20 1.72 0.00 | 18.06 1.37 0.00 | 17.68 1.35 0.00 | 19.04 1.41 0.00 | 19.76 1.46 0.00 | 19.49 1.58 0.00 | 20.61 1.47 0.00 | 21.01 1.75 0.00 | 22.28 1.84 -1.12 | 22.02 1.85 0.00 | 22.15 1.88 -0.02 | 22.62 1.82 -0.76 | 21.76 1.81 0.00 | 21.74 1.85 -0.16 | 24.39 2.02 -1.31 | 32.14 2.49 -6.83 | 37.64 3.24 -5.18 | 39.46 3.23 -6.92 | 34.63 2.97 -4.17 | 30.47 2.57 -3.23 | 26.22 2.46 -1.01 | 24.73 2.19 -1.05 | 22.22 1.68 0.00 |
| NYPA__HELLGATE_GT1 24158 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.75 1.05 -0.01 | 17.35 1.01 -0.01 | 18.72 1.08 -0.01 | 19.40 1.10 -0.01 | 19.08 1.16 0.00 | 20.12 0.99 0.01 | 20.41 1.16 0.01 | 20.58 1.26 0.01 | 21.47 1.31 0.01 | 21.59 1.36 0.01 | 21.41 1.38 0.01 | 21.31 1.38 0.01 | 21.14 1.42 0.01 | 22.55 1.50 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.26 0.01 | 26.64 1.97 0.01 | 24.69 1.93 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| NYPA__HELLGATE_GT2 24159 | 21.12 1.44 -0.01 | 19.82 1.33 -0.01 | 17.75 1.05 -0.01 | 17.35 1.01 -0.01 | 18.72 1.08 -0.01 | 19.40 1.10 -0.01 | 19.08 1.16 0.00 | 20.12 0.99 0.01 | 20.41 1.16 0.01 | 20.58 1.26 0.01 | 21.47 1.31 0.01 | 21.59 1.36 0.01 | 21.41 1.38 0.01 | 21.31 1.38 0.01 | 21.14 1.42 0.01 | 22.55 1.50 0.01 | 24.64 1.83 0.01 | 31.58 2.37 0.01 | 31.72 2.40 0.01 | 29.74 2.26 0.01 | 26.64 1.97 0.01 | 24.69 1.93 0.00 | 23.37 1.87 0.00 | 22.04 1.50 -0.01 |
| NYS_BARGE__HYD 23848 | 18.87 -0.81 0.00 | 17.68 -0.79 0.00 | 16.29 -0.40 0.00 | 15.94 -0.39 0.00 | 17.21 -0.42 0.00 | 18.02 -0.27 0.00 | 17.66 -0.25 0.00 | 17.62 -1.51 0.00 | 17.70 -1.56 0.00 | 17.94 -1.39 0.00 | 19.06 -1.11 0.00 | 19.09 -1.15 0.00 | 18.98 -1.06 0.00 | 18.83 -1.12 0.00 | 18.47 -1.26 0.00 | 19.99 -1.07 0.00 | 21.57 -1.26 0.00 | 27.20 -2.02 0.00 | 27.18 -2.14 0.00 | 25.79 -1.70 0.00 | 23.24 -1.43 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 20.08 -0.45 0.00 |
| OAK_ORCHARD__HYD 24046 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.44 -0.25 0.00 | 16.10 -0.23 0.00 | 17.40 -0.23 0.00 | 18.19 -0.11 0.00 | 17.80 -0.11 0.00 | 18.31 -0.82 0.00 | 18.41 -0.85 0.00 | 18.61 -0.71 0.00 | 19.67 -0.50 0.00 | 19.72 -0.53 0.00 | 19.54 -0.50 0.00 | 19.41 -0.54 0.00 | 19.10 -0.63 0.00 | 20.58 -0.48 0.00 | 22.25 -0.57 0.00 | 28.28 -0.94 0.00 | 28.35 -0.97 0.00 | 26.75 -0.74 0.00 | 24.03 -0.64 0.00 | 22.23 -0.52 0.00 | 21.13 -0.37 0.00 | 20.31 -0.23 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 19.93 0.26 0.00 | 18.70 0.22 0.00 | 16.96 0.27 0.00 | 16.61 0.28 0.00 | 17.95 0.32 0.00 | 18.66 0.37 0.00 | 18.29 0.38 0.00 | 19.19 0.06 0.00 | 19.28 0.02 0.00 | 19.46 0.14 0.00 | 20.45 0.28 0.00 | 20.53 0.28 0.00 | 20.32 0.28 0.00 | 20.20 0.26 0.00 | 19.95 0.22 0.00 | 21.38 0.32 0.00 | 23.28 0.46 0.00 | 29.71 0.50 0.00 | 29.82 0.50 0.00 | 28.02 0.52 0.00 | 25.17 0.49 0.00 | 23.23 0.48 0.00 | 21.88 0.39 0.00 | 21.01 0.47 0.00 |
| OCC_CHEM__DRP 24175 | 18.43 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.64 -0.69 0.00 | 16.94 -0.69 0.00 | 17.69 -0.60 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.33 -1.93 0.00 | 17.59 -1.74 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.56 -1.48 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.54 -1.52 0.00 | 21.06 -1.76 0.00 | 26.47 -2.75 0.00 | 26.51 -2.81 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.20 -1.29 0.00 | 19.78 -0.76 0.00 |

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| OH_GEN_PROXY 24063 | 18.73 -0.94 0.00 | 17.57 -0.90 0.00 | 16.17 -0.52 0.00 | 15.89 -0.44 0.00 | 17.12 -0.51 0.00 | 17.93 -0.37 0.00 | 17.53 -0.38 0.00 | 17.60 -1.53 0.00 | 17.68 -1.58 0.00 | 17.90 -1.43 0.00 | 18.98 -1.19 0.00 | 19.03 -1.21 0.00 | 18.90 -1.14 0.00 | 18.77 -1.18 0.00 | 18.41 -1.32 0.00 | 19.90 -1.16 0.00 | 22.00 -1.35 -0.53 | 26.50 -2.19 0.53 | 27.00 -2.32 0.00 | 25.62 -1.87 0.00 | 23.09 -1.58 0.00 | 21.43 -1.32 0.00 | 20.51 -0.99 0.00 | 19.96 -0.57 0.00 |
| OLIN_CORP_DRP 24177 | 18.61 -1.06 0.00 | 17.46 -1.02 0.00 | 16.09 -0.60 0.00 | 15.79 -0.54 0.00 | 16.96 -0.67 0.00 | 17.69 -0.60 0.00 | 17.41 -0.50 0.00 | 17.38 -1.76 0.00 | 17.43 -1.83 0.00 | 17.67 -1.66 0.00 | 18.76 -1.41 0.00 | 18.78 -1.46 0.00 | 18.66 -1.38 0.00 | 18.55 -1.40 0.00 | 18.19 -1.54 0.00 | 19.65 -1.41 0.00 | 21.20 -1.62 0.00 | 26.65 -2.57 0.00 | 26.68 -2.64 0.00 | 25.32 -2.17 0.00 | 22.85 -1.83 0.00 | 21.18 -1.57 0.00 | 20.31 -1.18 0.00 | 19.88 -0.66 0.00 |
| OLIN_CORP_DSASP 323712 | 18.44 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.73 -0.60 0.00 | 16.94 -0.69 0.00 | 17.76 -0.53 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.35 -1.91 0.00 | 17.57 -1.76 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.60 -1.44 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.57 -1.49 0.00 | 21.09 -1.74 0.00 | 26.53 -2.69 0.00 | 26.51 -2.82 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.18 -1.31 0.00 | 19.67 -0.86 0.00 |
| ONEIDA_HERK_LFGE 323681 | 19.87 0.20 0.00 | 18.64 0.17 0.00 | 16.83 0.13 0.00 | 16.46 0.13 0.00 | 17.81 0.18 0.00 | 18.52 0.22 0.00 | 18.07 0.16 0.00 | 19.35 0.21 0.00 | 19.45 0.19 0.00 | 19.60 0.27 0.00 | 20.51 0.34 0.00 | 20.55 0.30 0.00 | 20.36 0.32 0.00 | 20.28 0.34 0.00 | 20.04 0.31 0.00 | 21.48 0.42 0.00 | 23.37 0.55 0.00 | 30.03 0.82 0.00 | 30.14 0.82 0.00 | 28.24 0.74 0.00 | 25.34 0.67 0.00 | 23.30 0.55 0.00 | 21.92 0.43 0.00 | 20.95 0.41 0.00 |
| ONEIDA___115KV_TB4 55905 | 20.13 0.45 0.00 | 18.94 0.46 0.00 | 17.11 0.42 0.00 | 16.74 0.41 0.00 | 18.13 0.49 0.00 | 18.84 0.55 0.00 | 18.43 0.52 0.00 | 19.59 0.46 0.00 | 19.66 0.40 0.00 | 19.85 0.52 0.00 | 20.81 0.65 0.00 | 20.85 0.61 0.00 | 20.66 0.62 0.00 | 20.54 0.60 0.00 | 20.30 0.57 0.00 | 21.76 0.70 0.00 | 23.67 0.84 0.00 | 30.33 1.11 0.00 | 30.44 1.11 0.00 | 28.54 1.04 0.00 | 25.61 0.94 0.00 | 23.55 0.80 0.00 | 22.16 0.67 0.00 | 21.19 0.66 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.69 0.00 0.00 | 16.33 0.00 0.00 | 17.65 0.02 0.00 | 18.37 0.07 0.00 | 18.00 0.09 0.00 | 18.96 -0.17 0.00 | 19.05 -0.21 0.00 | 19.21 -0.12 0.00 | 20.17 0.00 0.00 | 20.24 0.00 0.00 | 20.04 -0.04 0.00 | 19.91 -0.06 0.00 | 19.67 0.02 0.00 | 21.08 0.02 0.00 | 22.84 0.02 0.00 | 29.22 0.00 0.00 | 29.32 0.00 0.00 | 27.52 0.03 0.00 | 24.70 0.02 0.00 | 22.75 0.00 0.00 | 21.45 -0.04 0.00 | 20.53 0.00 0.00 |
| ONONDAGA___COGEN 23986 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| ONTARIO___LFGE 23819 | 19.91 0.24 0.00 | 18.66 0.18 0.00 | 16.96 0.27 0.00 | 16.61 0.28 0.00 | 17.98 0.35 0.00 | 18.77 0.47 0.00 | 18.40 0.48 0.00 | 19.19 0.06 0.00 | 19.34 0.08 0.00 | 19.46 0.14 0.00 | 20.47 0.30 0.00 | 20.53 0.28 0.00 | 20.32 0.28 0.00 | 20.19 0.24 0.00 | 19.89 0.16 0.00 | 21.42 0.36 0.00 | 23.32 0.50 0.00 | 29.86 0.64 0.00 | 29.97 0.64 0.00 | 28.15 0.66 0.00 | 25.24 0.57 0.00 | 23.28 0.52 0.00 | 21.99 0.49 0.00 | 21.05 0.51 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 18.87 -0.81 0.00 | 17.70 -0.78 0.00 | 16.32 -0.37 0.00 | 16.02 -0.31 0.00 | 17.30 -0.34 0.00 | 18.15 -0.15 0.00 | 17.77 -0.14 0.00 | 17.80 -1.34 0.00 | 17.89 -1.37 0.00 | 18.11 -1.22 0.00 | 19.24 -0.93 0.00 | 19.27 -0.97 0.00 | 19.18 -0.86 0.00 | 19.01 -0.94 0.00 | 18.64 -1.09 0.00 | 20.22 -0.84 0.00 | 21.84 -0.98 0.00 | 27.55 -1.66 0.00 | 27.56 -1.76 0.00 | 26.12 -1.37 0.00 | 23.54 -1.13 0.00 | 21.82 -0.93 0.00 | 20.87 -0.62 0.00 | 20.35 -0.19 0.00 |
| ORANGEVILLE___ESR 323794 | 18.87 -0.81 0.00 | 17.70 -0.78 0.00 | 16.32 -0.37 0.00 | 16.02 -0.31 0.00 | 17.30 -0.34 0.00 | 18.15 -0.15 0.00 | 17.77 -0.14 0.00 | 17.80 -1.34 0.00 | 17.89 -1.37 0.00 | 18.11 -1.22 0.00 | 19.24 -0.93 0.00 | 19.27 -0.97 0.00 | 19.18 -0.86 0.00 | 19.01 -0.94 0.00 | 18.64 -1.09 0.00 | 20.22 -0.84 0.00 | 21.84 -0.98 0.00 | 27.55 -1.66 0.00 | 27.56 -1.76 0.00 | 26.12 -1.37 0.00 | 23.54 -1.13 0.00 | 21.82 -0.93 0.00 | 20.87 -0.62 0.00 | 20.35 -0.19 0.00 |
| OSWEGATCHIE___HYD 24044 | 18.98 -0.69 0.00 | 17.81 -0.66 0.00 | 16.06 -0.63 0.00 | 15.69 -0.64 0.00 | 16.94 -0.69 0.00 | 17.54 -0.75 0.00 | 17.05 -0.86 0.00 | 18.58 -0.56 0.00 | 18.57 -0.69 0.00 | 18.63 -0.70 0.00 | 19.52 -0.65 0.00 | 19.55 -0.69 0.00 | 19.40 -0.64 0.00 | 19.39 -0.56 0.00 | 19.18 -0.55 0.00 | 20.45 -0.61 0.00 | 22.09 -0.73 0.00 | 28.46 -0.76 0.00 | 28.62 -0.70 0.00 | 26.78 -0.72 0.00 | 24.06 -0.62 0.00 | 22.05 -0.71 0.00 | 20.85 -0.64 0.00 | 20.10 -0.43 0.00 |
| OSWEGO___5 23606 | 19.30 -0.37 0.00 | 18.11 -0.37 0.00 | 16.41 -0.28 0.00 | 16.05 -0.28 0.00 | 17.35 -0.28 0.00 | 18.04 -0.26 0.00 | 17.66 -0.25 0.00 | 18.64 -0.50 0.00 | 18.78 -0.48 0.00 | 18.88 -0.44 0.00 | 19.79 -0.38 0.00 | 19.84 -0.40 0.00 | 19.66 -0.38 0.00 | 19.55 -0.40 0.00 | 19.29 -0.43 0.00 | 20.62 -0.44 0.00 | 22.34 -0.48 0.00 | 28.57 -0.64 0.00 | 28.65 -0.67 0.00 | 26.89 -0.61 0.00 | 24.13 -0.54 0.00 | 22.25 -0.50 0.00 | 21.06 -0.43 0.00 | 20.14 -0.39 0.00 |
| OSWEGO___6 23613 | 19.30 -0.37 0.00 | 18.11 -0.37 0.00 | 16.41 -0.28 0.00 | 16.05 -0.28 0.00 | 17.35 -0.28 0.00 | 18.04 -0.26 0.00 | 17.66 -0.25 0.00 | 18.64 -0.50 0.00 | 18.78 -0.48 0.00 | 18.88 -0.44 0.00 | 19.79 -0.38 0.00 | 19.84 -0.40 0.00 | 19.66 -0.38 0.00 | 19.55 -0.40 0.00 | 19.29 -0.43 0.00 | 20.62 -0.44 0.00 | 22.34 -0.48 0.00 | 28.57 -0.64 0.00 | 28.65 -0.67 0.00 | 26.89 -0.61 0.00 | 24.13 -0.54 0.00 | 22.25 -0.50 0.00 | 21.06 -0.43 0.00 | 20.14 -0.39 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 18.95 -0.73 0.00 | 17.76 -0.72 0.00 | 16.36 -0.33 0.00 | 16.05 -0.28 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.73 -0.18 0.00 | 17.74 -1.40 0.00 | 17.78 -1.48 0.00 | 18.05 -1.28 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.58 -1.14 0.00 | 20.09 -0.97 0.00 | 21.70 -1.12 0.00 | 27.32 -1.90 0.00 | 27.39 -1.94 0.00 | 25.95 -1.54 0.00 | 23.39 -1.28 0.00 | 21.71 -1.05 0.00 | 20.76 -0.73 0.00 | 20.33 -0.21 0.00 |
| OXBOW___BTM 323836 | 18.71 -0.96 0.00 | 17.53 -0.94 0.00 | 16.16 -0.53 0.00 | 15.91 -0.42 0.00 | 17.16 -0.48 0.00 | 17.97 -0.33 0.00 | 17.52 -0.39 0.00 | 17.53 -1.61 0.00 | 17.58 -1.68 0.00 | 17.82 -1.51 0.00 | 18.94 -1.23 0.00 | 18.97 -1.27 0.00 | 18.88 -1.16 0.00 | 18.71 -1.24 0.00 | 18.35 -1.38 0.00 | 19.88 -1.18 0.00 | 21.43 -1.39 0.00 | 27.03 -2.19 0.00 | 26.97 -2.35 0.00 | 25.60 -1.90 0.00 | 23.07 -1.60 0.00 | 21.41 -1.34 0.00 | 20.51 -0.99 0.00 | 19.96 -0.57 0.00 |

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| OXBOW____ 24026 | 18.71 -0.96 0.00 | 17.53 -0.94 0.00 | 16.16 -0.53 0.00 | 15.86 -0.47 0.00 | 17.16 -0.48 0.00 | 17.89 -0.40 0.00 | 17.52 -0.39 0.00 | 17.53 -1.61 0.00 | 17.56 -1.69 0.00 | 17.82 -1.51 0.00 | 18.94 -1.23 0.00 | 18.97 -1.28 0.00 | 18.84 -1.20 0.00 | 18.71 -1.24 0.00 | 18.35 -1.38 0.00 | 19.84 -1.22 0.00 | 21.41 -1.41 0.00 | 26.94 -2.28 0.00 | 26.98 -2.35 0.00 | 25.60 -1.90 0.00 | 23.07 -1.60 0.00 | 21.41 -1.34 0.00 | 20.50 -0.99 0.00 | 20.06 -0.47 0.00 |
| OXY_CHEM_DSASP 323612 | 18.43 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.64 -0.69 0.00 | 16.94 -0.69 0.00 | 17.69 -0.60 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.33 -1.93 0.00 | 17.59 -1.74 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.56 -1.48 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.54 -1.52 0.00 | 21.06 -1.76 0.00 | 26.47 -2.75 0.00 | 26.51 -2.81 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.20 -1.29 0.00 | 19.78 -0.76 0.00 |
| OZONE_PARK_ESR 323760 | 21.11 1.44 0.00 | 19.83 1.35 0.00 | 17.81 1.12 0.00 | 17.41 1.08 0.00 | 18.80 1.16 0.00 | 19.45 1.15 0.00 | 19.11 1.20 0.00 | 20.32 1.19 0.00 | 20.32 1.06 0.00 | 20.72 1.39 0.00 | 21.72 1.55 0.00 | 21.84 1.60 0.00 | 21.64 1.60 0.00 | 21.54 1.60 0.00 | 21.37 1.64 0.00 | 22.75 1.68 0.00 | 24.94 2.12 0.00 | 31.99 2.78 0.00 | 32.17 2.84 0.00 | 30.19 2.69 0.00 | 26.99 2.32 0.00 | 24.96 2.21 0.00 | 23.30 1.81 0.00 | 22.10 1.56 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 18.43 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.64 -0.69 0.00 | 16.94 -0.69 0.00 | 17.69 -0.60 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.33 -1.93 0.00 | 17.59 -1.74 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.56 -1.48 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.54 -1.52 0.00 | 21.06 -1.76 0.00 | 26.47 -2.75 0.00 | 26.51 -2.81 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.20 -1.29 0.00 | 19.78 -0.76 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 18.43 -1.24 0.00 | 17.29 -1.18 0.00 | 15.94 -0.75 0.00 | 15.64 -0.69 0.00 | 16.94 -0.69 0.00 | 17.69 -0.60 0.00 | 17.27 -0.64 0.00 | 17.28 -1.86 0.00 | 17.33 -1.93 0.00 | 17.59 -1.74 0.00 | 18.66 -1.51 0.00 | 18.68 -1.56 0.00 | 18.56 -1.48 0.00 | 18.45 -1.50 0.00 | 18.09 -1.64 0.00 | 19.54 -1.52 0.00 | 21.06 -1.76 0.00 | 26.47 -2.75 0.00 | 26.51 -2.81 0.00 | 25.16 -2.34 0.00 | 22.70 -1.97 0.00 | 21.07 -1.68 0.00 | 20.20 -1.29 0.00 | 19.78 -0.76 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 21.10 1.42 -0.01 | 19.80 1.31 -0.01 | 17.73 1.03 0.00 | 17.34 1.01 0.00 | 18.69 1.06 0.00 | 19.38 1.08 0.00 | 19.04 1.13 0.00 | 20.09 0.96 0.00 | 19.99 0.73 0.00 | 20.43 1.10 0.00 | 21.42 1.25 0.00 | 21.54 1.30 0.00 | 21.36 1.32 0.00 | 21.26 1.32 0.00 | 21.09 1.36 0.00 | 22.43 1.37 0.00 | 24.58 1.76 0.00 | 31.49 2.28 0.01 | 31.63 2.32 0.01 | 29.66 2.17 0.01 | 26.57 1.90 0.00 | 24.64 1.89 0.00 | 23.11 1.61 0.00 | 22.03 1.50 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 21.33 1.65 -0.01 | 20.02 1.53 -0.01 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.58 1.28 0.00 | 19.24 1.33 0.00 | 20.32 1.19 0.00 | 20.20 0.94 0.00 | 20.64 1.31 0.00 | 21.66 1.49 0.00 | 21.78 1.54 0.00 | 21.60 1.56 0.00 | 21.50 1.56 0.00 | 21.31 1.58 0.00 | 22.68 1.62 0.00 | 24.85 2.03 0.00 | 31.84 2.63 0.01 | 31.95 2.64 0.01 | 29.99 2.50 0.01 | 26.87 2.20 0.00 | 24.92 2.16 0.00 | 23.37 1.87 0.00 | 22.32 1.79 0.00 |
| PATROON__115KV_TB1 80586 | 20.50 0.83 0.00 | 19.27 0.79 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.68 0.77 0.00 | 19.84 0.71 0.00 | 19.93 0.67 0.00 | 20.14 0.81 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.76 0.70 0.00 | 23.78 0.96 0.00 | 30.44 1.23 0.00 | 30.49 1.17 0.00 | 28.57 1.07 0.00 | 25.64 0.96 0.00 | 23.66 0.91 0.00 | 22.18 0.69 0.00 | 21.07 0.53 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 20.48 0.81 0.00 | 19.27 0.79 0.00 | 17.41 0.72 0.00 | 17.02 0.69 0.00 | 18.37 0.74 0.00 | 19.06 0.77 0.00 | 18.70 0.79 0.00 | 19.88 0.75 0.00 | 19.97 0.71 0.00 | 20.14 0.81 0.00 | 21.08 0.91 0.00 | 21.17 0.93 0.00 | 20.94 0.90 0.00 | 20.80 0.86 0.00 | 20.62 0.89 0.00 | 22.05 0.99 0.00 | 24.14 1.32 0.00 | 30.94 1.72 0.00 | 31.02 1.70 0.00 | 29.06 1.57 0.00 | 26.08 1.41 0.00 | 24.05 1.30 0.00 | 22.55 1.05 0.00 | 21.46 0.92 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 19.44 -0.24 0.00 | 18.22 -0.26 0.00 | 16.78 0.08 0.00 | 16.48 0.15 0.00 | 17.76 0.12 0.00 | 18.53 0.24 0.00 | 18.20 0.29 0.00 | 18.14 -1.00 0.00 | 18.16 -1.10 0.00 | 18.46 -0.87 0.00 | 19.60 -0.56 0.00 | 19.65 -0.59 0.00 | 19.52 -0.52 0.00 | 19.39 -0.56 0.00 | 19.00 -0.73 0.00 | 20.56 -0.51 0.00 | 22.23 -0.59 0.00 | 28.05 -1.17 0.00 | 28.12 -1.20 0.00 | 26.61 -0.88 0.00 | 23.98 -0.69 0.00 | 22.25 -0.50 0.00 | 21.21 -0.28 0.00 | 20.92 0.39 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 20.97 1.30 0.00 | 19.66 1.18 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.67 1.04 0.00 | 19.34 1.04 0.00 | 18.97 1.06 0.00 | 20.13 1.00 0.00 | 20.22 0.96 0.00 | 20.47 1.14 0.00 | 21.48 1.31 0.00 | 21.60 1.36 0.00 | 21.36 1.32 0.00 | 21.24 1.30 0.00 | 21.03 1.30 0.00 | 22.49 1.43 0.00 | 24.69 1.87 0.00 | 31.76 2.54 0.00 | 31.90 2.58 0.00 | 29.91 2.42 0.00 | 26.80 2.12 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.87 1.33 0.00 |
| PEEKSKILL____ 23653 | 20.78 1.10 0.00 | 19.51 1.03 0.00 | 17.54 0.85 0.00 | 17.16 0.83 0.00 | 18.51 0.88 0.00 | 19.17 0.88 0.00 | 18.84 0.93 0.00 | 20.00 0.86 0.00 | 20.34 1.08 0.00 | 20.47 1.14 0.00 | 21.36 1.19 0.00 | 21.46 1.21 0.00 | 21.24 1.20 0.00 | 21.12 1.18 0.00 | 20.93 1.20 0.00 | 22.39 1.33 0.00 | 24.51 1.69 0.00 | 31.38 2.16 0.00 | 31.52 2.20 0.00 | 29.58 2.09 0.00 | 26.47 1.80 0.00 | 24.48 1.73 0.00 | 23.02 1.53 0.00 | 21.66 1.13 0.00 |
| PGE MADISON__WINDPWR 24146 | 21.11 1.44 0.00 | 19.92 1.44 0.00 | 18.03 1.34 0.00 | 17.60 1.27 0.00 | 19.11 1.48 0.00 | 19.98 1.68 0.00 | 19.42 1.50 0.00 | 20.61 1.47 0.00 | 20.72 1.46 0.00 | 20.88 1.55 0.00 | 21.94 1.78 0.00 | 21.96 1.72 0.00 | 21.76 1.72 0.00 | 21.62 1.68 0.00 | 21.37 1.64 0.00 | 23.04 1.98 0.00 | 25.35 2.53 0.00 | 32.69 3.48 0.00 | 32.87 3.55 0.00 | 30.79 3.30 0.00 | 27.61 2.93 0.00 | 25.32 2.57 0.00 | 23.77 2.28 0.00 | 22.79 2.26 0.00 |
| PIERCEFIELD__HYD 23852 | 18.83 -0.85 0.00 | 17.68 -0.79 0.00 | 15.92 -0.77 0.00 | 15.56 -0.77 0.00 | 16.75 -0.88 0.00 | 17.29 -1.01 0.00 | 16.77 -1.15 0.00 | 18.48 -0.65 0.00 | 18.64 -0.62 0.00 | 18.50 -0.83 0.00 | 19.26 -0.91 0.00 | 19.31 -0.93 0.00 | 19.16 -0.88 0.00 | 19.17 -0.78 0.00 | 18.98 -0.75 0.00 | 20.13 -0.93 0.00 | 21.57 -1.26 0.00 | 27.79 -1.43 0.00 | 27.94 -1.38 0.00 | 26.15 -1.35 0.00 | 23.54 -1.13 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 19.92 -0.62 0.00 |
| PINELAWN_CC_1 323563 | 23.16 1.71 -1.78 | 20.10 1.63 0.00 | 18.01 1.32 0.00 | 17.62 1.29 0.00 | 18.99 1.36 0.00 | 19.69 1.39 0.00 | 19.42 1.50 0.00 | 20.53 1.40 0.00 | 20.93 1.67 0.00 | 22.22 1.78 -1.12 | 22.00 1.84 0.00 | 22.13 1.86 -0.02 | 22.64 1.84 -0.76 | 21.78 1.83 0.00 | 21.74 1.85 -0.16 | 24.41 2.04 -1.31 | 32.12 2.47 -6.83 | 37.59 3.19 -5.18 | 39.46 3.23 -6.92 | 34.69 3.02 -4.17 | 30.52 2.61 -3.23 | 26.24 2.48 -1.01 | 24.80 2.26 -1.05 | 22.26 1.73 0.00 |

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| PJM_GEN_HTP_PROXY 323702 | 20.91 1.24 0.00 | 19.64 1.16 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.64 1.00 0.00 | 19.26 0.97 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.51 1.25 0.00 | 20.66 1.33 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 25.24 1.89 -0.53 | 31.12 2.42 0.53 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.85 1.32 0.00 |
| PJM_GEN_KEystone 24065 | 19.85 0.18 0.00 | 18.62 0.15 0.00 | 17.01 0.32 0.00 | 16.67 0.34 0.00 | 17.98 0.35 0.00 | 18.70 0.40 0.00 | 18.34 0.43 0.00 | 19.08 -0.06 0.00 | 19.34 0.08 0.00 | 19.48 0.15 0.00 | 20.45 0.28 0.00 | 20.53 0.28 0.00 | 20.34 0.30 0.00 | 20.22 0.28 0.00 | 19.95 0.22 0.00 | 21.42 0.36 0.00 | 23.85 0.50 -0.53 | 29.16 0.47 0.53 | 29.73 0.41 0.00 | 28.02 0.52 0.00 | 25.17 0.49 0.00 | 23.32 0.57 0.00 | 22.07 0.58 0.00 | 21.05 0.51 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 22.89 1.44 -1.78 | 19.81 1.33 0.00 | 17.76 1.07 0.00 | 17.39 1.06 0.00 | 18.74 1.11 0.00 | 19.41 1.12 0.00 | 19.13 1.22 0.00 | 20.28 1.15 0.00 | 20.66 1.41 0.00 | 21.93 1.49 -1.12 | 21.72 1.55 0.00 | 21.85 1.58 -0.02 | 22.36 1.56 -0.76 | 21.48 1.54 0.00 | 21.46 1.58 -0.16 | 24.10 1.73 -1.31 | 32.28 2.10 -7.36 | 36.56 2.69 -4.66 | 38.97 2.73 -6.92 | 34.25 2.58 -4.17 | 30.15 2.24 -3.23 | 25.87 2.12 -1.01 | 24.45 1.91 -1.05 | 21.95 1.42 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 20.85 1.18 0.00 | 18.15 1.11 1.44 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.55 0.92 0.00 | 19.19 0.90 0.00 | 18.90 0.98 0.00 | 20.09 0.96 0.00 | 20.45 1.19 0.00 | 20.60 1.28 0.00 | 21.48 1.31 0.00 | 21.58 1.34 0.00 | 21.38 1.34 0.00 | 21.28 1.34 0.00 | 21.11 1.38 0.00 | 22.53 1.47 0.00 | 25.17 1.83 -0.53 | 31.00 2.31 0.53 | 31.73 2.40 0.00 | 29.80 2.31 0.00 | 26.65 1.97 0.00 | 24.64 1.89 0.00 | 23.21 1.72 0.00 | 21.77 1.23 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 19.36 -0.31 0.00 | 18.13 -0.35 0.00 | 16.31 -0.38 0.00 | 15.89 -0.44 0.00 | 17.10 -0.53 0.00 | 17.77 -0.53 0.00 | 16.93 -0.99 0.00 | 18.56 -0.57 0.00 | 18.72 -0.54 0.00 | 18.59 -0.73 0.00 | 19.28 -0.89 0.00 | 19.35 -0.89 0.00 | 19.30 -0.74 0.00 | 19.33 -0.62 0.00 | 19.18 -0.55 0.00 | 20.32 -0.74 0.00 | 22.09 -0.73 0.00 | 28.55 -0.67 0.00 | 28.74 -0.59 0.00 | 26.97 -0.52 0.00 | 24.28 -0.39 0.00 | 22.25 -0.50 0.00 | 21.26 -0.24 0.00 | 20.80 0.27 0.00 |
| PLEASANTVLY__LBMP 24000 | 20.72 1.04 0.00 | 19.46 0.98 0.00 | 17.53 0.83 0.00 | 17.15 0.82 0.00 | 18.50 0.86 0.00 | 19.16 0.86 0.00 | 18.81 0.90 0.00 | 19.98 0.84 0.00 | 20.03 0.77 0.00 | 20.33 1.01 0.00 | 21.28 1.11 0.00 | 21.38 1.13 0.00 | 21.16 1.12 0.00 | 21.04 1.10 0.00 | 20.85 1.12 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.26 2.05 0.00 | 31.40 2.08 0.00 | 29.42 1.92 0.00 | 26.38 1.70 0.00 | 24.34 1.59 0.00 | 22.76 1.27 0.00 | 21.60 1.07 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.42 1.25 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.58 1.76 0.00 | 31.53 2.31 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.61 0.92 0.00 | 17.21 0.88 0.00 | 18.58 0.95 0.00 | 19.25 0.95 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.42 1.25 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.58 1.76 0.00 | 31.53 2.31 0.00 | 31.64 2.32 0.00 | 29.69 2.20 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 20.83 1.16 0.00 | 19.55 1.07 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.60 0.97 0.00 | 19.27 0.97 0.00 | 18.91 1.00 0.00 | 20.05 0.92 0.00 | 20.11 0.85 0.00 | 20.41 1.08 0.00 | 21.38 1.21 0.00 | 21.48 1.23 0.00 | 21.24 1.20 0.00 | 21.14 1.20 0.00 | 20.95 1.22 0.00 | 22.41 1.35 0.00 | 24.60 1.78 0.00 | 31.53 2.31 0.00 | 31.67 2.35 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.53 1.77 0.00 | 22.93 1.44 0.00 | 21.75 1.21 0.00 |
| POLETTI____ 23519 | 20.89 1.22 0.00 | 19.62 1.15 0.00 | 17.66 0.97 0.00 | 17.26 0.93 0.00 | 18.62 0.99 0.00 | 19.27 0.97 0.00 | 18.95 1.04 0.00 | 20.13 1.00 0.00 | 20.11 0.85 0.00 | 20.51 1.18 0.00 | 21.50 1.33 0.00 | 21.60 1.36 0.00 | 21.42 1.38 0.00 | 21.32 1.38 0.00 | 21.15 1.42 0.00 | 22.49 1.43 0.00 | 24.67 1.85 0.00 | 31.58 2.37 0.00 | 31.76 2.43 0.00 | 29.80 2.31 0.00 | 26.67 2.00 0.00 | 24.66 1.91 0.00 | 23.02 1.53 0.00 | 21.85 1.31 0.00 |
| POMONA____ESR 323819 | 20.81 1.14 0.00 | 19.55 1.07 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.21 0.91 0.00 | 18.90 0.98 0.00 | 20.05 0.92 0.00 | 20.40 1.14 0.00 | 20.53 1.20 0.00 | 21.42 1.25 0.00 | 21.52 1.28 0.00 | 21.30 1.26 0.00 | 21.18 1.24 0.00 | 20.99 1.26 0.00 | 22.45 1.39 0.00 | 24.58 1.76 0.00 | 31.47 2.25 0.00 | 31.61 2.29 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 23.08 1.59 0.00 | 21.73 1.19 0.00 |
| PORT_JEFF_3 23555 | 23.34 1.89 -1.78 | 20.25 1.77 0.00 | 18.13 1.44 0.00 | 17.73 1.40 0.00 | 19.11 1.48 0.00 | 19.81 1.52 0.00 | 19.56 1.65 0.00 | 20.68 1.55 0.00 | 21.09 1.83 0.00 | 22.36 1.91 -1.12 | 22.11 1.94 0.00 | 22.21 1.94 -0.02 | 22.70 1.90 -0.76 | 21.84 1.90 0.00 | 21.82 1.93 -0.16 | 24.47 2.11 -1.31 | 32.23 2.58 -6.83 | 37.79 3.39 -5.18 | 39.61 3.37 -6.92 | 34.77 3.11 -4.17 | 30.59 2.69 -3.23 | 26.31 2.55 -1.01 | 24.84 2.30 -1.05 | 22.30 1.77 0.00 |
| PORT_JEFF_4 23616 | 23.34 1.89 -1.78 | 20.25 1.77 0.00 | 18.13 1.44 0.00 | 17.73 1.40 0.00 | 19.11 1.48 0.00 | 19.81 1.52 0.00 | 19.56 1.65 0.00 | 20.68 1.55 0.00 | 21.09 1.83 0.00 | 22.36 1.91 -1.12 | 22.11 1.94 0.00 | 22.21 1.94 -0.02 | 22.70 1.90 -0.76 | 21.84 1.90 0.00 | 21.82 1.93 -0.16 | 24.47 2.11 -1.31 | 32.23 2.58 -6.83 | 37.79 3.39 -5.18 | 39.61 3.37 -6.92 | 34.77 3.11 -4.17 | 30.59 2.69 -3.23 | 26.31 2.55 -1.01 | 24.84 2.30 -1.05 | 22.30 1.77 0.00 |
| PORT_JEFF_IC 23713 | 23.36 1.91 -1.78 | 20.27 1.79 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.11 1.48 0.00 | 19.83 1.54 0.00 | 19.58 1.67 0.00 | 20.68 1.55 0.00 | 21.11 1.85 0.00 | 22.38 1.93 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.72 1.92 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.49 2.13 -1.31 | 32.28 2.62 -6.83 | 37.85 3.45 -5.18 | 39.67 3.43 -6.92 | 34.80 3.13 -4.17 | 30.62 2.71 -3.23 | 26.33 2.57 -1.01 | 24.86 2.32 -1.05 | 22.30 1.77 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 23.30 1.85 -1.78 | 20.21 1.74 0.00 | 18.09 1.40 0.00 | 17.72 1.39 0.00 | 19.08 1.45 0.00 | 19.78 1.48 0.00 | 19.52 1.61 0.00 | 20.65 1.51 0.00 | 21.05 1.79 0.00 | 22.34 1.90 -1.12 | 22.11 1.94 0.00 | 22.23 1.96 -0.02 | 22.74 1.94 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.52 2.15 -1.31 | 32.25 2.60 -6.83 | 37.73 3.33 -5.18 | 39.61 3.37 -6.92 | 34.80 3.13 -4.17 | 30.64 2.74 -3.23 | 26.33 2.57 -1.01 | 24.88 2.34 -1.05 | 22.34 1.81 0.00 |

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| PPL PILGRIM_ST_GT2 24217 | 23.30 1.85 -1.78 | 20.21 1.74 0.00 | 18.09 1.40 0.00 | 17.72 1.39 0.00 | 19.08 1.45 0.00 | 19.78 1.48 0.00 | 19.52 1.61 0.00 | 20.65 1.51 0.00 | 21.05 1.79 0.00 | 22.34 1.90 -1.12 | 22.11 1.94 0.00 | 22.23 1.96 -0.02 | 22.74 1.94 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.52 2.15 -1.31 | 32.25 2.60 -6.83 | 37.73 3.33 -5.18 | 39.61 3.37 -6.92 | 34.80 3.13 -4.17 | 30.64 2.74 -3.23 | 26.33 2.57 -1.01 | 24.88 2.34 -1.05 | 22.34 1.81 0.00 |
| PPL_SHRM_GT3 24213 | 23.46 2.01 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.92 1.63 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.82 1.93 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.91 3.50 -5.18 | 39.58 3.34 -6.92 | 34.69 3.02 -4.17 | 30.45 2.54 -3.23 | 26.19 2.44 -1.01 | 24.71 2.17 -1.05 | 22.20 1.66 0.00 |
| PPL_SHRM_GT4 24214 | 23.46 2.01 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.92 1.63 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.82 1.93 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.91 3.50 -5.18 | 39.58 3.34 -6.92 | 34.69 3.02 -4.17 | 30.45 2.54 -3.23 | 26.19 2.44 -1.01 | 24.71 2.17 -1.05 | 22.20 1.66 0.00 |
| PROJECT___ORANGE 1 24174 | 19.54 -0.14 0.00 | 18.33 -0.15 0.00 | 16.61 -0.08 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.28 -0.02 0.00 | 17.91 0.00 0.00 | 18.85 -0.29 0.00 | 18.93 -0.33 0.00 | 19.10 -0.23 0.00 | 20.05 -0.12 0.00 | 20.12 -0.12 0.00 | 19.92 -0.12 0.00 | 19.81 -0.14 0.00 | 19.55 -0.18 0.00 | 20.96 -0.11 0.00 | 22.68 -0.14 0.00 | 28.98 -0.23 0.00 | 29.09 -0.23 0.00 | 27.30 -0.19 0.00 | 24.50 -0.17 0.00 | 22.59 -0.16 0.00 | 21.32 -0.17 0.00 | 20.39 -0.14 0.00 |
| PROJECT___ORANGE 2 24166 | 19.54 -0.14 0.00 | 18.33 -0.15 0.00 | 16.61 -0.08 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.28 -0.02 0.00 | 17.91 0.00 0.00 | 18.85 -0.29 0.00 | 18.93 -0.33 0.00 | 19.10 -0.23 0.00 | 20.05 -0.12 0.00 | 20.12 -0.12 0.00 | 19.92 -0.12 0.00 | 19.81 -0.14 0.00 | 19.55 -0.18 0.00 | 20.96 -0.11 0.00 | 22.68 -0.14 0.00 | 28.98 -0.23 0.00 | 29.09 -0.23 0.00 | 27.30 -0.19 0.00 | 24.50 -0.17 0.00 | 22.59 -0.16 0.00 | 21.32 -0.17 0.00 | 20.39 -0.14 0.00 |
| PUCKETT___SOLAR 323809 | 20.30 0.63 0.00 | 19.07 0.59 0.00 | 17.28 0.58 0.00 | 16.92 0.59 0.00 | 18.30 0.67 0.00 | 19.06 0.77 0.00 | 18.65 0.73 0.00 | 19.59 0.46 0.00 | 19.76 0.50 0.00 | 19.87 0.54 0.00 | 20.83 0.66 0.00 | 20.89 0.65 0.00 | 20.68 0.64 0.00 | 20.56 0.62 0.00 | 20.30 0.57 0.00 | 21.84 0.78 0.00 | 23.87 1.05 0.00 | 30.56 1.34 0.00 | 30.67 1.35 0.00 | 28.81 1.32 0.00 | 25.86 1.18 0.00 | 23.82 1.07 0.00 | 22.46 0.97 0.00 | 21.48 0.95 0.00 |
| PYRITES___HYD 24023 | 19.12 -0.55 0.00 | 17.98 -0.50 0.00 | 16.19 -0.50 0.00 | 15.82 -0.51 0.00 | 17.05 -0.58 0.00 | 17.64 -0.66 0.00 | 17.09 -0.82 0.00 | 18.87 -0.27 0.00 | 19.05 -0.21 0.00 | 18.92 -0.41 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.52 -0.52 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.53 -0.53 0.00 | 22.04 -0.78 0.00 | 28.43 -0.79 0.00 | 28.59 -0.73 0.00 | 26.72 -0.77 0.00 | 24.06 -0.62 0.00 | 22.02 -0.73 0.00 | 21.02 -0.47 0.00 | 20.27 -0.27 0.00 |
| QUAKERRD_115KV_BK1 80622 | 18.83 -0.85 0.00 | 17.65 -0.83 0.00 | 16.09 -0.60 0.00 | 15.76 -0.57 0.00 | 17.03 -0.60 0.00 | 17.75 -0.55 0.00 | 17.39 -0.52 0.00 | 18.03 -1.11 0.00 | 18.10 -1.16 0.00 | 18.32 -1.01 0.00 | 19.32 -0.85 0.00 | 19.37 -0.87 0.00 | 19.18 -0.86 0.00 | 19.07 -0.88 0.00 | 18.78 -0.95 0.00 | 20.22 -0.84 0.00 | 21.86 -0.96 0.00 | 27.79 -1.43 0.00 | 27.91 -1.41 0.00 | 26.28 -1.21 0.00 | 23.59 -1.09 0.00 | 21.80 -0.96 0.00 | 20.68 -0.82 0.00 | 19.88 -0.66 0.00 |
| QUENSBRY_115KV_TB8 356137 | 20.60 0.92 0.00 | 19.38 0.91 0.00 | 17.51 0.82 0.00 | 17.11 0.78 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.82 0.91 0.00 | 20.02 0.88 0.00 | 20.15 0.89 0.00 | 20.35 1.02 0.00 | 21.36 1.19 0.00 | 21.44 1.19 0.00 | 21.16 1.12 0.00 | 20.98 1.04 0.00 | 20.81 1.09 0.00 | 22.32 1.26 0.00 | 24.56 1.73 0.00 | 31.50 2.28 0.00 | 31.52 2.20 0.00 | 29.50 2.01 0.00 | 26.52 1.85 0.00 | 24.39 1.64 0.00 | 22.78 1.29 0.00 | 21.66 1.13 0.00 |
| RAMAPO___LBMP 323565 | 20.60 0.92 0.00 | 19.34 0.87 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.70 0.79 0.00 | 19.84 0.71 0.00 | 19.93 0.67 0.00 | 20.22 0.89 0.00 | 21.18 1.01 0.00 | 21.27 1.03 0.00 | 21.06 1.02 0.00 | 20.96 1.02 0.00 | 20.75 1.03 0.00 | 22.16 1.10 0.00 | 24.28 1.46 0.00 | 31.09 1.87 0.00 | 31.23 1.91 0.00 | 29.28 1.79 0.00 | 26.23 1.55 0.00 | 24.28 1.52 0.00 | 22.68 1.18 0.00 | 21.52 0.99 0.00 |
| RANKINE____ 23646 | 19.20 -0.47 0.00 | 17.98 -0.50 0.00 | 16.58 -0.12 0.00 | 16.26 -0.07 0.00 | 17.54 -0.09 0.00 | 18.31 0.02 0.00 | 17.98 0.07 0.00 | 17.99 -1.15 0.00 | 18.03 -1.23 0.00 | 18.30 -1.02 0.00 | 19.44 -0.73 0.00 | 19.47 -0.77 0.00 | 19.36 -0.68 0.00 | 19.21 -0.74 0.00 | 18.84 -0.89 0.00 | 20.39 -0.67 0.00 | 22.02 -0.80 0.00 | 27.76 -1.46 0.00 | 27.80 -1.52 0.00 | 26.37 -1.13 0.00 | 23.76 -0.91 0.00 | 22.02 -0.73 0.00 | 21.06 -0.43 0.00 | 20.66 0.12 0.00 |
| RAVENSWOOD_GT2_1 24244 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.15 1.01 0.00 | 20.15 0.89 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.64 2.43 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT2_2 24245 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.15 1.01 0.00 | 20.15 0.89 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.64 2.43 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT2_3 24246 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.66 1.42 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.89 2.39 0.00 | 26.75 2.07 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.91 1.38 0.00 |
| RAVENSWOOD_GT2_4 24247 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.66 1.42 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.17 1.44 0.00 | 22.56 1.50 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.89 2.39 0.00 | 26.75 2.07 0.00 | 24.73 1.98 0.00 | 23.08 1.59 0.00 | 21.91 1.38 0.00 |

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| RAVENSWOOD_GT3_1 24248 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.68 0.98 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT3_2 24249 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.68 0.98 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT3_3 24250 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT3_4 24251 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT_1 23729 | 21.08 1.40 -0.01 | 19.80 1.31 -0.01 | 17.81 1.12 0.00 | 17.41 1.08 0.00 | 18.78 1.15 0.00 | 19.45 1.15 0.00 | 19.09 1.18 0.00 | 20.21 1.07 0.00 | 20.11 0.85 0.00 | 20.55 1.22 0.00 | 21.56 1.39 0.00 | 21.66 1.42 0.00 | 21.50 1.46 0.00 | 21.40 1.46 0.00 | 21.21 1.48 0.00 | 22.58 1.52 0.00 | 24.74 1.92 0.00 | 31.90 2.48 -0.19 | 38.72 2.52 -6.88 | 45.29 2.36 -15.43 | 26.75 2.07 0.00 | 24.78 2.02 -0.01 | 23.20 1.70 -0.01 | 22.05 1.52 0.00 |
| RAVENSWOOD_GT_10 24258 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT_11 24259 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT_4 24252 | 20.93 1.26 0.01 | 19.65 1.18 0.01 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.06 1.57 0.00 | 21.87 1.33 0.00 |
| RAVENSWOOD_GT_5 24254 | 20.93 1.26 0.01 | 19.65 1.18 0.01 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.06 1.57 0.00 | 21.87 1.33 0.00 |
| RAVENSWOOD_GT_6 24253 | 20.93 1.26 0.01 | 19.65 1.18 0.01 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.06 1.57 0.00 | 21.87 1.33 0.00 |
| RAVENSWOOD_GT_7 24255 | 20.93 1.26 0.01 | 19.65 1.18 0.01 | 17.68 0.98 0.00 | 17.28 0.95 0.00 | 18.64 1.01 0.00 | 19.28 0.99 0.00 | 18.97 1.06 0.00 | 20.15 1.01 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.84 2.52 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.06 1.57 0.00 | 21.87 1.33 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD_GT_9 24257 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.16 0.91 0.00 | 20.55 1.22 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.08 1.59 0.00 | 21.89 1.36 0.00 |
| RAVENSWOOD___1 23533 | 21.06 1.38 -0.01 | 19.78 1.29 -0.01 | 17.80 1.10 -0.01 | 17.40 1.06 -0.01 | 18.77 1.13 -0.01 | 19.42 1.12 -0.01 | 19.08 1.16 0.00 | 20.21 1.07 0.00 | 20.47 1.21 0.00 | 20.64 1.32 0.00 | 21.54 1.37 0.00 | 21.66 1.42 0.00 | 21.48 1.44 0.00 | 21.38 1.44 0.00 | 21.19 1.46 0.00 | 22.62 1.56 0.00 | 24.74 1.92 0.00 | 31.77 2.45 -0.10 | 35.31 2.52 -3.46 | 37.63 2.36 -7.77 | 26.72 2.05 0.00 | 24.76 2.00 0.00 | 23.37 1.87 0.00 | 22.00 1.46 -0.01 |
| RAVENSWOOD___2 23534 | 21.06 1.38 -0.01 | 19.78 1.29 -0.01 | 17.78 1.08 -0.01 | 17.38 1.05 -0.01 | 18.75 1.11 -0.01 | 19.40 1.10 -0.01 | 19.06 1.15 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.64 1.32 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.77 2.45 -0.10 | 35.18 2.49 -3.37 | 37.42 2.36 -7.56 | 26.72 2.05 0.00 | 24.76 2.00 0.00 | 23.37 1.87 0.00 | 21.98 1.44 -0.01 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___3 23535 | 20.95 1.28 0.00 | 19.68 1.20 0.00 | 17.68 0.98 0.00 | 17.29 0.96 0.00 | 18.65 1.02 0.00 | 19.30 1.01 0.00 | 18.99 1.07 0.00 | 20.17 1.03 0.00 | 20.49 1.23 0.00 | 20.66 1.33 0.00 | 21.54 1.37 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.86 2.36 0.00 | 26.72 2.05 0.00 | 24.71 1.96 0.00 | 23.28 1.78 0.00 | 21.85 1.32 0.00 |
| RAVENSWOOD___4 23820 | 21.04 1.36 -0.01 | 19.76 1.27 -0.01 | 17.77 1.07 -0.01 | 17.37 1.03 -0.01 | 18.75 1.11 -0.01 | 19.38 1.08 -0.01 | 19.04 1.13 0.00 | 20.19 1.05 0.00 | 20.45 1.19 0.00 | 20.62 1.30 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.60 1.54 0.00 | 24.71 1.89 0.00 | 31.64 2.42 0.00 | 31.81 2.49 0.00 | 29.83 2.34 0.00 | 26.70 2.02 0.00 | 24.73 1.98 0.00 | 23.34 1.85 0.00 | 21.96 1.42 -0.01 |
| RCPL_TRUST___DRP 24196 | 20.97 1.30 0.00 | 19.68 1.20 0.00 | 17.69 1.00 0.00 | 17.31 0.98 0.00 | 18.67 1.04 0.00 | 19.32 1.02 0.00 | 19.00 1.09 0.00 | 20.19 1.05 0.00 | 20.20 0.94 0.00 | 20.60 1.28 0.00 | 21.58 1.41 0.00 | 21.68 1.44 0.00 | 21.50 1.46 0.00 | 21.40 1.46 0.00 | 21.21 1.48 0.00 | 22.60 1.54 0.00 | 24.76 1.94 0.00 | 31.73 2.51 0.00 | 31.90 2.58 0.00 | 29.94 2.45 0.00 | 26.77 2.10 0.00 | 24.75 2.00 0.00 | 23.13 1.63 0.00 | 21.93 1.40 0.00 |
| RED___ROCHESTER 323720 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.28 -0.02 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.49 -0.77 0.00 | 18.73 -0.60 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.66 -0.38 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.41 -0.41 0.00 | 28.49 -0.73 0.00 | 28.56 -0.76 0.00 | 26.95 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.43 -0.10 0.00 |
| REGAN___SOLAR 323812 | 21.68 2.01 0.00 | 20.45 1.98 0.00 | 18.51 1.82 0.00 | 18.08 1.75 0.00 | 19.54 1.90 0.00 | 20.31 2.01 0.00 | 19.95 2.04 0.00 | 21.16 2.03 0.00 | 21.38 2.12 0.00 | 21.44 2.11 0.00 | 22.53 2.36 0.00 | 22.63 2.39 0.00 | 22.32 2.28 0.00 | 22.12 2.17 0.00 | 22.02 2.29 0.00 | 23.78 2.72 0.00 | 26.22 3.40 0.00 | 33.66 4.44 0.00 | 33.69 4.37 0.00 | 31.56 4.07 0.00 | 28.37 3.70 0.00 | 26.12 3.37 0.00 | 24.44 2.94 0.00 | 23.18 2.65 0.00 |
| RENSSELAER___COGEN 23796 | 20.44 0.77 0.00 | 19.22 0.74 0.00 | 17.36 0.67 0.00 | 16.98 0.65 0.00 | 18.32 0.69 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.79 0.65 0.00 | 20.01 0.75 0.00 | 20.14 0.81 0.00 | 20.87 0.71 0.00 | 20.93 0.69 0.00 | 20.70 0.66 0.00 | 20.58 0.64 0.00 | 20.30 0.57 0.00 | 21.71 0.65 0.00 | 23.69 0.87 0.00 | 30.30 1.08 0.00 | 30.38 1.05 0.00 | 28.43 0.94 0.00 | 25.54 0.86 0.00 | 23.57 0.82 0.00 | 22.18 0.69 0.00 | 20.95 0.41 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 21.05 1.38 0.00 | 19.81 1.33 0.00 | 17.94 1.25 0.00 | 17.52 1.19 0.00 | 18.95 1.32 0.00 | 19.65 1.35 0.00 | 19.31 1.40 0.00 | 20.55 1.42 0.00 | 20.70 1.44 0.00 | 20.91 1.58 0.00 | 22.02 1.86 0.00 | 22.08 1.84 0.00 | 21.78 1.74 0.00 | 21.54 1.60 0.00 | 21.39 1.66 0.00 | 23.00 1.94 0.00 | 25.38 2.56 0.00 | 32.61 3.39 0.00 | 32.61 3.28 0.00 | 30.49 3.00 0.00 | 27.44 2.76 0.00 | 25.16 2.41 0.00 | 23.45 1.96 0.00 | 22.30 1.77 0.00 |
| REVERE_CPPR_DRP 24186 | 20.19 0.51 0.00 | 18.98 0.50 0.00 | 17.14 0.45 0.00 | 16.77 0.44 0.00 | 18.16 0.53 0.00 | 18.90 0.60 0.00 | 18.45 0.54 0.00 | 19.67 0.54 0.00 | 19.74 0.48 0.00 | 19.93 0.60 0.00 | 20.92 0.75 0.00 | 20.93 0.69 0.00 | 20.74 0.70 0.00 | 20.64 0.70 0.00 | 20.40 0.67 0.00 | 21.88 0.82 0.00 | 23.82 1.00 0.00 | 30.59 1.37 0.00 | 30.70 1.38 0.00 | 28.76 1.26 0.00 | 25.81 1.13 0.00 | 23.73 0.98 0.00 | 22.29 0.80 0.00 | 21.34 0.80 0.00 |
| REYNOLDS_115KV_TB3 80639 | 20.48 0.81 0.00 | 19.27 0.79 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.35 0.72 0.00 | 19.01 0.71 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.12 0.79 0.00 | 20.98 0.81 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.68 0.74 0.00 | 20.44 0.71 0.00 | 21.84 0.78 0.00 | 23.89 1.07 0.00 | 30.56 1.34 0.00 | 30.64 1.32 0.00 | 28.68 1.18 0.00 | 25.76 1.09 0.00 | 23.75 1.00 0.00 | 22.25 0.75 0.00 | 21.15 0.62 0.00 |
| RIVERBAY____ 323610 | 21.33 1.65 -0.01 | 20.02 1.53 -0.01 | 17.93 1.24 0.00 | 17.54 1.21 0.00 | 18.90 1.27 0.00 | 19.58 1.28 0.00 | 19.24 1.33 0.00 | 20.32 1.19 0.00 | 20.20 0.94 0.00 | 20.64 1.31 0.00 | 21.66 1.49 0.00 | 21.78 1.54 0.00 | 21.60 1.56 0.00 | 21.50 1.56 0.00 | 21.31 1.58 0.00 | 22.68 1.62 0.00 | 24.85 2.03 0.00 | 31.84 2.63 0.01 | 31.95 2.64 0.01 | 29.99 2.50 0.01 | 26.87 2.20 0.00 | 24.92 2.16 0.00 | 23.37 1.87 0.00 | 22.32 1.79 0.00 |
| RIVERSDE_115KV_TB3 55908 | 20.48 0.81 0.00 | 19.25 0.78 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.35 0.72 0.00 | 19.01 0.71 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 19.91 0.65 0.00 | 20.12 0.79 0.00 | 20.94 0.77 0.00 | 21.01 0.77 0.00 | 20.78 0.74 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.78 0.72 0.00 | 23.80 0.98 0.00 | 30.44 1.23 0.00 | 30.52 1.20 0.00 | 28.57 1.07 0.00 | 25.66 0.99 0.00 | 23.68 0.93 0.00 | 22.18 0.69 0.00 | 21.07 0.53 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 19.16 -0.51 0.00 | 17.96 -0.52 0.00 | 16.21 -0.48 0.00 | 15.86 -0.47 0.00 | 17.14 -0.49 0.00 | 17.80 -0.49 0.00 | 17.43 -0.48 0.00 | 18.79 -0.34 0.00 | 18.85 -0.41 0.00 | 18.88 -0.44 0.00 | 19.68 -0.48 0.00 | 19.76 -0.49 0.00 | 19.58 -0.46 0.00 | 19.51 -0.44 0.00 | 19.33 -0.39 0.00 | 20.66 -0.40 0.00 | 22.39 -0.43 0.00 | 28.72 -0.50 0.00 | 28.85 -0.47 0.00 | 27.05 -0.44 0.00 | 24.28 -0.40 0.00 | 22.39 -0.36 0.00 | 21.17 -0.32 0.00 | 20.33 -0.21 0.00 |
| ROCHESRG_115KV_T4 355643 | 19.12 -0.55 0.00 | 17.94 -0.54 0.00 | 16.39 -0.30 0.00 | 16.05 -0.28 0.00 | 17.35 -0.28 0.00 | 18.08 -0.22 0.00 | 17.73 -0.18 0.00 | 18.24 -0.90 0.00 | 18.32 -0.94 0.00 | 18.54 -0.79 0.00 | 19.58 -0.58 0.00 | 19.63 -0.61 0.00 | 19.46 -0.58 0.00 | 19.33 -0.62 0.00 | 19.02 -0.71 0.00 | 20.49 -0.57 0.00 | 22.16 -0.66 0.00 | 28.11 -1.11 0.00 | 28.21 -1.11 0.00 | 26.61 -0.88 0.00 | 23.91 -0.76 0.00 | 22.11 -0.64 0.00 | 21.02 -0.47 0.00 | 20.27 -0.27 0.00 |
| ROCHESTER_9_IC 23652 | 19.22 -0.45 0.00 | 18.01 -0.46 0.00 | 16.46 -0.23 0.00 | 16.12 -0.21 0.00 | 17.42 -0.21 0.00 | 18.17 -0.13 0.00 | 17.82 -0.09 0.00 | 18.33 -0.80 0.00 | 18.39 -0.87 0.00 | 18.63 -0.70 0.00 | 19.69 -0.48 0.00 | 19.74 -0.51 0.00 | 19.56 -0.48 0.00 | 19.45 -0.50 0.00 | 19.12 -0.61 0.00 | 20.62 -0.44 0.00 | 22.27 -0.55 0.00 | 28.28 -0.93 0.00 | 28.38 -0.94 0.00 | 26.78 -0.71 0.00 | 24.06 -0.62 0.00 | 22.25 -0.50 0.00 | 21.15 -0.34 0.00 | 20.37 -0.16 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 20.89 1.22 0.00 | 19.62 1.15 0.00 | 17.64 0.95 0.00 | 17.26 0.93 0.00 | 18.62 0.99 0.00 | 19.30 1.01 0.00 | 18.97 1.06 0.00 | 20.13 1.00 0.00 | 20.20 0.94 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.42 1.38 0.00 | 21.30 1.36 0.00 | 21.11 1.38 0.00 | 22.54 1.47 0.00 | 24.71 1.89 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.83 2.34 0.00 | 26.70 2.02 0.00 | 24.69 1.93 0.00 | 23.04 1.55 0.00 | 21.85 1.31 0.00 |

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| ROME____115KV_TB2 80656 | 20.19 0.51 0.00 | 18.98 0.50 0.00 | 17.14 0.45 0.00 | 16.77 0.44 0.00 | 18.16 0.53 0.00 | 18.90 0.60 0.00 | 18.45 0.54 0.00 | 19.67 0.54 0.00 | 19.74 0.48 0.00 | 19.93 0.60 0.00 | 20.92 0.75 0.00 | 20.93 0.69 0.00 | 20.74 0.70 0.00 | 20.64 0.70 0.00 | 20.40 0.67 0.00 | 21.88 0.82 0.00 | 23.82 1.00 0.00 | 30.59 1.37 0.00 | 30.70 1.38 0.00 | 28.76 1.26 0.00 | 25.81 1.13 0.00 | 23.73 0.98 0.00 | 22.29 0.80 0.00 | 21.34 0.80 0.00 |
| ROSETON____1 23587 | 20.66 0.98 0.00 | 19.40 0.92 0.00 | 17.48 0.78 0.00 | 17.10 0.77 0.00 | 18.44 0.81 0.00 | 19.08 0.79 0.00 | 18.75 0.84 0.00 | 19.92 0.78 0.00 | 20.22 0.96 0.00 | 20.35 1.02 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.10 1.06 0.00 | 21.00 1.06 0.00 | 20.79 1.06 0.00 | 22.24 1.18 0.00 | 24.35 1.53 0.00 | 31.18 1.96 0.00 | 31.29 1.96 0.00 | 29.34 1.84 0.00 | 26.28 1.60 0.00 | 24.30 1.55 0.00 | 22.85 1.35 0.00 | 21.52 0.99 0.00 |
| ROSETON____2 23588 | 20.66 0.98 0.00 | 19.40 0.92 0.00 | 17.48 0.78 0.00 | 17.10 0.77 0.00 | 18.44 0.81 0.00 | 19.08 0.79 0.00 | 18.75 0.84 0.00 | 19.92 0.78 0.00 | 20.22 0.96 0.00 | 20.35 1.02 0.00 | 21.22 1.05 0.00 | 21.31 1.07 0.00 | 21.10 1.06 0.00 | 21.00 1.06 0.00 | 20.79 1.06 0.00 | 22.24 1.18 0.00 | 24.35 1.53 0.00 | 31.18 1.96 0.00 | 31.29 1.96 0.00 | 29.34 1.84 0.00 | 26.28 1.60 0.00 | 24.30 1.55 0.00 | 22.85 1.35 0.00 | 21.52 0.99 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 20.34 0.67 0.00 | 19.12 0.65 0.00 | 17.28 0.58 0.00 | 16.90 0.57 0.00 | 18.25 0.62 0.00 | 18.92 0.62 0.00 | 18.56 0.64 0.00 | 19.73 0.59 0.00 | 19.82 0.56 0.00 | 20.01 0.68 0.00 | 20.92 0.75 0.00 | 21.01 0.77 0.00 | 20.78 0.74 0.00 | 20.64 0.70 0.00 | 20.46 0.73 0.00 | 21.88 0.82 0.00 | 23.92 1.10 0.00 | 30.62 1.40 0.00 | 30.70 1.38 0.00 | 28.79 1.29 0.00 | 25.83 1.16 0.00 | 23.82 1.07 0.00 | 22.33 0.84 0.00 | 21.27 0.74 0.00 |
| RUSSELL____1 23602 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| RUSSELL____2 23532 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| RUSSELL____3 23549 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| RUSSELL____4 23556 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| RUSSELL____STATION 23914 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| S SALMON____HYD 24043 | 19.36 -0.32 0.00 | 18.18 -0.30 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.11 -0.18 0.00 | 17.68 -0.23 0.00 | 18.73 -0.40 0.00 | 18.85 -0.41 0.00 | 19.02 -0.31 0.00 | 19.93 -0.24 0.00 | 19.98 -0.26 0.00 | 19.80 -0.24 0.00 | 19.69 -0.26 0.00 | 19.45 -0.28 0.00 | 20.83 -0.23 0.00 | 22.57 -0.25 0.00 | 28.95 -0.26 0.00 | 29.06 -0.26 0.00 | 27.25 -0.25 0.00 | 24.47 -0.20 0.00 | 22.52 -0.23 0.00 | 21.24 -0.26 0.00 | 20.31 -0.23 0.00 |
| S.PERRY__115KV_TB1 80734 | 20.21 0.53 0.00 | 18.92 0.44 0.00 | 17.24 0.55 0.00 | 16.90 0.57 0.00 | 18.34 0.71 0.00 | 19.14 0.84 0.00 | 18.79 0.88 0.00 | 19.46 0.33 0.00 | 19.47 0.21 0.00 | 19.68 0.35 0.00 | 20.73 0.56 0.00 | 20.77 0.53 0.00 | 20.58 0.54 0.00 | 20.40 0.46 0.00 | 20.08 0.36 0.00 | 21.76 0.70 0.00 | 23.78 0.96 0.00 | 30.44 1.23 0.00 | 30.64 1.32 0.00 | 28.81 1.32 0.00 | 25.83 1.16 0.00 | 23.82 1.07 0.00 | 22.48 0.99 0.00 | 21.62 1.09 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 18.97 -0.71 0.00 | 17.77 -0.70 0.00 | 16.38 -0.32 0.00 | 16.09 -0.24 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.77 -0.14 0.00 | 17.80 -1.34 0.00 | 17.83 -1.43 0.00 | 18.09 -1.24 0.00 | 19.22 -0.95 0.00 | 19.25 -0.99 0.00 | 19.12 -0.92 0.00 | 18.99 -0.96 0.00 | 18.62 -1.10 0.00 | 20.13 -0.93 0.00 | 21.73 -1.10 0.00 | 27.38 -1.84 0.00 | 27.42 -1.91 0.00 | 26.01 -1.48 0.00 | 23.44 -1.23 0.00 | 21.75 -1.00 0.00 | 20.81 -0.69 0.00 | 20.35 -0.18 0.00 |
| SAWYER__23_KV_LOAD 55526 | 18.97 -0.71 0.00 | 17.77 -0.70 0.00 | 16.38 -0.32 0.00 | 16.09 -0.24 0.00 | 17.33 -0.30 0.00 | 18.09 -0.20 0.00 | 17.77 -0.14 0.00 | 17.80 -1.34 0.00 | 17.83 -1.43 0.00 | 18.09 -1.24 0.00 | 19.22 -0.95 0.00 | 19.25 -0.99 0.00 | 19.12 -0.92 0.00 | 18.99 -0.96 0.00 | 18.62 -1.10 0.00 | 20.13 -0.93 0.00 | 21.73 -1.10 0.00 | 27.38 -1.84 0.00 | 27.42 -1.91 0.00 | 26.01 -1.48 0.00 | 23.44 -1.23 0.00 | 21.75 -1.00 0.00 | 20.81 -0.69 0.00 | 20.35 -0.18 0.00 |
| SELKIRK____I 23801 | 20.48 0.81 0.00 | 19.25 0.78 0.00 | 17.41 0.72 0.00 | 17.03 0.70 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.66 0.75 0.00 | 19.82 0.69 0.00 | 20.05 0.79 0.00 | 20.16 0.83 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.78 0.74 0.00 | 20.66 0.72 0.00 | 20.42 0.69 0.00 | 21.86 0.80 0.00 | 23.85 1.03 0.00 | 30.50 1.28 0.00 | 30.55 1.23 0.00 | 28.65 1.15 0.00 | 25.71 1.04 0.00 | 23.73 0.98 0.00 | 22.35 0.86 0.00 | 21.15 0.62 0.00 |
| SELKIRK____II 23799 | 20.40 0.73 0.00 | 19.16 0.68 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.27 0.63 0.00 | 18.92 0.62 0.00 | 18.57 0.66 0.00 | 19.75 0.61 0.00 | 19.97 0.71 0.00 | 20.08 0.75 0.00 | 20.86 0.69 0.00 | 20.93 0.69 0.00 | 20.70 0.66 0.00 | 20.58 0.64 0.00 | 20.34 0.61 0.00 | 21.75 0.69 0.00 | 23.73 0.91 0.00 | 30.36 1.14 0.00 | 30.44 1.11 0.00 | 28.51 1.02 0.00 | 25.59 0.91 0.00 | 23.62 0.86 0.00 | 22.25 0.75 0.00 | 21.05 0.51 0.00 |

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| SENECA OSWGO___HYD 24041 | 19.36 -0.32 0.00 | 18.16 -0.31 0.00 | 16.44 -0.25 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.10 -0.20 0.00 | 17.71 -0.20 0.00 | 18.68 -0.46 0.00 | 18.82 -0.44 0.00 | 18.94 -0.39 0.00 | 19.85 -0.32 0.00 | 19.92 -0.32 0.00 | 19.72 -0.32 0.00 | 19.61 -0.34 0.00 | 19.35 -0.38 0.00 | 20.70 -0.36 0.00 | 22.43 -0.39 0.00 | 28.69 -0.53 0.00 | 28.79 -0.53 0.00 | 27.03 -0.47 0.00 | 24.25 -0.42 0.00 | 22.34 -0.41 0.00 | 21.13 -0.37 0.00 | 20.21 -0.33 0.00 |
| SENECA___115KV_TB3 355854 | 19.22 -0.45 0.00 | 18.01 -0.46 0.00 | 16.59 -0.10 0.00 | 16.30 -0.03 0.00 | 17.58 -0.05 0.00 | 18.33 0.04 0.00 | 18.02 0.11 0.00 | 18.03 -1.11 0.00 | 18.05 -1.21 0.00 | 18.32 -1.01 0.00 | 19.48 -0.69 0.00 | 19.51 -0.73 0.00 | 19.38 -0.66 0.00 | 19.25 -0.70 0.00 | 18.88 -0.85 0.00 | 20.43 -0.63 0.00 | 22.04 -0.78 0.00 | 27.82 -1.40 0.00 | 27.86 -1.47 0.00 | 26.42 -1.07 0.00 | 23.81 -0.86 0.00 | 22.07 -0.68 0.00 | 21.09 -0.41 0.00 | 20.70 0.16 0.00 |
| SENECA___ENERGY 23797 | 19.62 -0.06 0.00 | 18.38 -0.09 0.00 | 16.68 -0.02 0.00 | 16.33 0.00 0.00 | 17.67 0.04 0.00 | 18.42 0.13 0.00 | 18.05 0.14 0.00 | 18.91 -0.23 0.00 | 19.05 -0.21 0.00 | 19.19 -0.13 0.00 | 20.15 -0.02 0.00 | 20.20 -0.04 0.00 | 20.00 -0.04 0.00 | 19.87 -0.08 0.00 | 19.61 -0.12 0.00 | 21.06 0.00 0.00 | 22.91 0.09 0.00 | 29.31 0.09 0.00 | 29.41 0.09 0.00 | 27.63 0.14 0.00 | 24.77 0.10 0.00 | 22.84 0.09 0.00 | 21.58 0.09 0.00 | 20.64 0.10 0.00 |
| SHOEMAKER___GT 23640 | 20.50 0.83 0.00 | 19.23 0.76 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.30 0.67 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.75 0.61 0.00 | 20.03 0.77 0.00 | 20.14 0.81 0.00 | 21.02 0.85 0.00 | 21.11 0.87 0.00 | 20.88 0.84 0.00 | 20.78 0.84 0.00 | 20.58 0.85 0.00 | 22.05 0.99 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 30.99 1.67 0.00 | 29.06 1.57 0.00 | 26.05 1.38 0.00 | 24.07 1.32 0.00 | 22.65 1.16 0.00 | 21.38 0.84 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 20.48 0.81 0.00 | 19.23 0.76 0.00 | 17.33 0.63 0.00 | 16.95 0.62 0.00 | 18.30 0.67 0.00 | 18.95 0.66 0.00 | 18.61 0.70 0.00 | 19.75 0.61 0.00 | 19.82 0.56 0.00 | 20.08 0.75 0.00 | 21.04 0.87 0.00 | 21.11 0.87 0.00 | 20.90 0.86 0.00 | 20.80 0.86 0.00 | 20.60 0.87 0.00 | 22.01 0.95 0.00 | 24.12 1.30 0.00 | 30.88 1.67 0.00 | 30.99 1.67 0.00 | 29.06 1.57 0.00 | 26.05 1.38 0.00 | 24.07 1.32 0.00 | 22.53 1.03 0.00 | 21.40 0.86 0.00 |
| SHOREHAM_IC_1 23715 | 23.46 2.01 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.92 1.63 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.82 1.93 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.91 3.50 -5.18 | 39.58 3.50 -6.92 | 34.69 3.02 -4.17 | 30.45 2.54 -3.23 | 26.19 2.44 -1.01 | 24.71 2.17 -1.05 | 22.20 1.66 0.00 |
| SHOREHAM_IC_2 23716 | 23.46 2.01 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.92 1.63 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.82 1.93 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.91 3.50 -5.18 | 39.58 3.50 -6.92 | 34.69 3.02 -4.17 | 30.45 2.54 -3.23 | 26.19 2.44 -1.01 | 24.71 2.17 -1.05 | 22.20 1.66 0.00 |
| SISSONVILLE___ 23735 | 18.83 -0.85 0.00 | 17.68 -0.79 0.00 | 15.92 -0.77 0.00 | 15.56 -0.77 0.00 | 16.75 -0.88 0.00 | 17.29 -1.01 0.00 | 16.77 -1.15 0.00 | 18.48 -0.65 0.00 | 18.64 -0.62 0.00 | 18.50 -0.83 0.00 | 19.26 -0.91 0.00 | 19.31 -0.93 0.00 | 19.16 -0.88 0.00 | 19.17 -0.78 0.00 | 18.98 -0.75 0.00 | 20.13 -0.93 0.00 | 21.57 -1.26 0.00 | 27.79 -1.43 0.00 | 27.94 -1.38 0.00 | 26.15 -1.35 0.00 | 23.54 -1.13 0.00 | 21.55 -1.21 0.00 | 20.63 -0.86 0.00 | 19.92 -0.62 0.00 |
| SITHE_IND_GS1 24169 | 19.18 -0.49 0.00 | 18.02 -0.46 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.24 -0.39 0.00 | 17.93 -0.37 0.00 | 17.55 -0.36 0.00 | 18.52 -0.61 0.00 | 18.66 -0.60 0.00 | 18.77 -0.56 0.00 | 19.64 -0.52 0.00 | 19.72 -0.53 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.91 -0.77 0.00 | 22.07 -0.68 0.00 | 20.87 -0.62 0.00 | 20.00 -0.53 0.00 |
| SITHE_IND_GS2 24170 | 19.18 -0.49 0.00 | 18.02 -0.46 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.24 -0.39 0.00 | 17.93 -0.37 0.00 | 17.55 -0.36 0.00 | 18.52 -0.61 0.00 | 18.66 -0.60 0.00 | 18.77 -0.56 0.00 | 19.64 -0.52 0.00 | 19.72 -0.53 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.91 -0.77 0.00 | 22.07 -0.68 0.00 | 20.87 -0.62 0.00 | 20.00 -0.53 0.00 |
| SITHE_IND_GS3 24171 | 19.18 -0.49 0.00 | 18.02 -0.46 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.24 -0.39 0.00 | 17.93 -0.37 0.00 | 17.55 -0.36 0.00 | 18.52 -0.61 0.00 | 18.66 -0.60 0.00 | 18.77 -0.56 0.00 | 19.64 -0.52 0.00 | 19.72 -0.53 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.91 -0.77 0.00 | 22.07 -0.68 0.00 | 20.87 -0.62 0.00 | 20.00 -0.53 0.00 |
| SITHE_IND_GS4 24172 | 19.18 -0.49 0.00 | 18.02 -0.46 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.24 -0.39 0.00 | 17.93 -0.37 0.00 | 17.55 -0.36 0.00 | 18.52 -0.61 0.00 | 18.66 -0.60 0.00 | 18.77 -0.56 0.00 | 19.64 -0.52 0.00 | 19.72 -0.53 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.18 -0.55 0.00 | 20.47 -0.59 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.91 -0.77 0.00 | 22.07 -0.68 0.00 | 20.87 -0.62 0.00 | 20.00 -0.53 0.00 |
| SITHE___BATAVIA 24024 | 19.32 -0.35 0.00 | 18.09 -0.39 0.00 | 16.63 -0.07 0.00 | 16.26 -0.07 0.00 | 17.58 -0.05 0.00 | 18.42 0.13 0.00 | 18.04 0.13 0.00 | 18.20 -0.94 0.00 | 18.26 -1.00 0.00 | 18.52 -0.81 0.00 | 19.67 -0.50 0.00 | 19.68 -0.57 0.00 | 19.54 -0.50 0.00 | 19.39 -0.56 0.00 | 19.04 -0.69 0.00 | 20.60 -0.46 0.00 | 22.27 -0.55 0.00 | 28.25 -0.96 0.00 | 28.29 -1.03 0.00 | 26.75 -0.74 0.00 | 24.06 -0.62 0.00 | 22.27 -0.48 0.00 | 21.26 -0.24 0.00 | 20.56 0.02 0.00 |
| SITHE___INDEPEND 23800 | 19.18 -0.49 0.00 | 18.01 -0.46 0.00 | 16.31 -0.38 0.00 | 15.95 -0.38 0.00 | 17.24 -0.39 0.00 | 17.91 -0.38 0.00 | 17.55 -0.36 0.00 | 18.52 -0.61 0.00 | 18.60 -0.65 0.00 | 18.75 -0.58 0.00 | 19.64 -0.52 0.00 | 19.72 -0.53 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.18 -0.55 0.00 | 20.53 -0.53 0.00 | 22.16 -0.66 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.91 -0.76 0.00 | 22.07 -0.68 0.00 | 20.85 -0.64 0.00 | 19.96 -0.57 0.00 |
| SITHE___MASSENA 23902 | 19.24 -0.43 0.00 | 18.07 -0.41 0.00 | 16.31 -0.38 0.00 | 15.94 -0.39 0.00 | 17.21 -0.42 0.00 | 17.82 -0.48 0.00 | 17.34 -0.57 0.00 | 18.98 -0.15 0.00 | 18.93 -0.33 0.00 | 18.92 -0.41 0.00 | 19.67 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.54 -0.53 0.00 | 22.09 -0.73 0.00 | 28.37 -0.85 0.00 | 28.53 -0.79 0.00 | 26.73 -0.77 0.00 | 24.03 -0.64 0.00 | 22.09 -0.66 0.00 | 20.93 -0.56 0.00 | 20.25 -0.29 0.00 |

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| SITHE___OGDNSBRG 24021 | 19.22 -0.45 0.00 | 18.07 -0.41 0.00 | 16.29 -0.40 0.00 | 15.92 -0.41 0.00 | 17.17 -0.46 0.00 | 17.78 -0.51 0.00 | 17.25 -0.66 0.00 | 19.02 -0.11 0.00 | 19.18 -0.08 0.00 | 19.04 -0.29 0.00 | 19.73 -0.44 0.00 | 19.78 -0.47 0.00 | 19.60 -0.44 0.00 | 19.61 -0.34 0.00 | 19.39 -0.34 0.00 | 20.60 -0.46 0.00 | 22.16 -0.66 0.00 | 28.55 -0.67 0.00 | 28.71 -0.62 0.00 | 26.86 -0.63 0.00 | 24.18 -0.49 0.00 | 22.14 -0.61 0.00 | 21.13 -0.37 0.00 | 20.35 -0.18 0.00 |
| SITHE___STERLING 23777 | 20.13 0.45 0.00 | 18.94 0.46 0.00 | 17.11 0.42 0.00 | 16.74 0.41 0.00 | 18.12 0.49 0.00 | 18.86 0.57 0.00 | 18.43 0.52 0.00 | 19.59 0.46 0.00 | 19.74 0.48 0.00 | 19.87 0.54 0.00 | 20.81 0.65 0.00 | 20.85 0.61 0.00 | 20.66 0.62 0.00 | 20.54 0.60 0.00 | 20.30 0.57 0.00 | 21.75 0.69 0.00 | 23.67 0.84 0.00 | 30.36 1.14 0.00 | 30.44 1.11 0.00 | 28.54 1.04 0.00 | 25.61 0.94 0.00 | 23.55 0.80 0.00 | 22.20 0.71 0.00 | 21.19 0.66 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 19.26 -0.41 0.00 | 18.05 -0.42 0.00 | 16.43 -0.27 0.00 | 16.09 -0.24 0.00 | 17.40 -0.23 0.00 | 18.13 -0.16 0.00 | 17.79 -0.13 0.00 | 18.50 -0.63 0.00 | 18.59 -0.67 0.00 | 18.81 -0.52 0.00 | 19.81 -0.36 0.00 | 19.88 -0.36 0.00 | 19.68 -0.36 0.00 | 19.55 -0.40 0.00 | 19.26 -0.47 0.00 | 20.72 -0.34 0.00 | 22.46 -0.37 0.00 | 28.60 -0.61 0.00 | 28.74 -0.59 0.00 | 27.03 -0.47 0.00 | 24.25 -0.42 0.00 | 22.39 -0.36 0.00 | 21.19 -0.30 0.00 | 20.33 -0.21 0.00 |
| SOUTH CAIRO___GT 23612 | 21.15 1.48 0.00 | 19.82 1.35 0.00 | 17.91 1.22 0.00 | 17.54 1.21 0.00 | 18.95 1.32 0.00 | 19.63 1.33 0.00 | 19.20 1.29 0.00 | 20.36 1.23 0.00 | 20.55 1.29 0.00 | 20.66 1.33 0.00 | 21.46 1.29 0.00 | 21.50 1.26 0.00 | 21.22 1.18 0.00 | 21.10 1.16 0.00 | 20.83 1.10 0.00 | 22.45 1.39 0.00 | 24.65 1.83 0.00 | 31.61 2.40 0.00 | 31.70 2.37 0.00 | 29.64 2.15 0.00 | 26.60 1.93 0.00 | 24.50 1.75 0.00 | 23.04 1.55 0.00 | 21.77 1.23 0.00 |
| SOUTH HAMPTN___IC 23720 | 23.67 2.22 -1.78 | 20.56 2.09 0.00 | 18.38 1.69 0.00 | 18.01 1.68 0.00 | 19.39 1.76 0.00 | 20.11 1.81 0.00 | 19.86 1.95 0.00 | 20.97 1.84 0.00 | 21.40 2.14 0.00 | 22.67 2.22 -1.12 | 22.37 2.20 0.00 | 22.47 2.21 -0.02 | 22.92 2.12 -0.76 | 22.06 2.11 0.00 | 22.04 2.15 -0.16 | 24.69 2.32 -1.31 | 32.53 2.88 -6.83 | 38.26 3.86 -5.18 | 39.99 3.75 -6.92 | 35.07 3.41 -4.17 | 30.81 2.91 -3.23 | 26.51 2.75 -1.01 | 25.01 2.47 -1.05 | 22.49 1.95 0.00 |
| SOUTHDOW__115KV_TB1 355954 | 19.79 0.12 0.00 | 18.51 0.04 0.00 | 17.04 0.35 0.00 | 16.75 0.42 0.00 | 18.09 0.46 0.00 | 18.88 0.59 0.00 | 18.56 0.64 0.00 | 18.70 -0.44 0.00 | 18.72 -0.54 0.00 | 19.02 -0.31 0.00 | 20.25 0.08 0.00 | 20.28 0.04 0.00 | 20.16 0.12 0.00 | 20.01 0.06 0.00 | 19.59 -0.14 0.00 | 21.19 0.13 0.00 | 22.93 0.11 0.00 | 29.01 -0.20 0.00 | 29.09 -0.23 0.00 | 27.52 0.03 0.00 | 24.77 0.10 0.00 | 22.98 0.23 0.00 | 21.84 0.34 0.00 | 21.40 0.86 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 23.99 2.54 -1.78 | 20.84 2.37 0.00 | 18.63 1.94 0.00 | 18.26 1.93 0.00 | 19.66 2.03 0.00 | 20.40 2.10 0.00 | 20.17 2.26 0.00 | 21.26 2.12 0.00 | 21.36 2.10 0.00 | 22.86 2.42 -1.12 | 22.69 2.52 0.00 | 22.80 2.53 -0.02 | 23.24 2.44 -0.76 | 22.38 2.43 0.00 | 22.35 2.47 -0.16 | 24.98 2.61 -1.31 | 32.89 3.24 -6.83 | 38.81 4.41 -5.18 | 40.58 4.34 -6.92 | 35.60 3.93 -4.17 | 31.26 3.36 -3.23 | 26.92 3.16 -1.01 | 25.23 2.69 -1.05 | 22.88 2.34 0.00 |
| SOUTHOLD___IC 23719 | 23.99 2.54 -1.78 | 20.84 2.37 0.00 | 18.63 1.94 0.00 | 18.26 1.93 0.00 | 19.66 2.03 0.00 | 20.40 2.10 0.00 | 20.17 2.26 0.00 | 21.26 2.12 0.00 | 21.69 2.43 0.00 | 22.96 2.51 -1.12 | 22.69 2.52 0.00 | 22.80 2.53 -0.02 | 23.24 2.44 -0.76 | 22.38 2.43 0.00 | 22.35 2.47 -0.16 | 25.04 2.68 -1.31 | 32.92 3.26 -6.83 | 38.81 4.41 -5.18 | 40.58 4.34 -6.92 | 35.60 3.93 -4.17 | 31.26 3.35 -3.23 | 26.92 3.16 -1.01 | 25.40 2.86 -1.05 | 22.83 2.30 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 24.03 2.58 -1.78 | 20.88 2.40 0.00 | 18.64 1.95 0.00 | 18.27 1.94 0.00 | 19.68 2.04 0.00 | 20.44 2.14 0.00 | 20.19 2.28 0.00 | 21.28 2.14 0.00 | 21.72 2.47 0.00 | 23.00 2.55 -1.12 | 22.71 2.54 0.00 | 22.82 2.55 -0.02 | 23.26 2.46 -0.76 | 22.40 2.45 0.00 | 22.37 2.49 -0.16 | 25.07 2.70 -1.31 | 32.94 3.29 -6.83 | 38.84 4.44 -5.18 | 40.61 4.37 -6.92 | 35.65 3.99 -4.17 | 31.28 3.38 -3.23 | 26.97 3.21 -1.01 | 25.44 2.90 -1.05 | 22.87 2.34 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.44 0.75 0.00 | 17.05 0.72 0.00 | 18.41 0.78 0.00 | 19.08 0.79 0.00 | 18.74 0.82 0.00 | 19.94 0.80 0.00 | 20.05 0.79 0.00 | 20.26 0.93 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.88 0.94 0.00 | 20.72 0.99 0.00 | 22.22 1.16 0.00 | 24.42 1.60 0.00 | 31.32 2.10 0.00 | 31.35 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.65 1.16 0.00 | 21.54 1.01 0.00 |
| ST LAWRENCE____ 23600 | 19.12 -0.55 0.00 | 17.96 -0.52 0.00 | 16.21 -0.48 0.00 | 15.84 -0.49 0.00 | 17.09 -0.55 0.00 | 17.73 -0.57 0.00 | 17.27 -0.64 0.00 | 18.81 -0.33 0.00 | 18.80 -0.46 0.00 | 18.79 -0.54 0.00 | 19.54 -0.63 0.00 | 19.61 -0.63 0.00 | 19.44 -0.60 0.00 | 19.39 -0.56 0.00 | 19.20 -0.53 0.00 | 20.41 -0.65 0.00 | 21.95 -0.87 0.00 | 28.17 -1.05 0.00 | 28.29 -1.03 0.00 | 26.53 -0.96 0.00 | 23.83 -0.84 0.00 | 21.91 -0.84 0.00 | 20.76 -0.73 0.00 | 20.06 -0.47 0.00 |
| STATE_CA_115KV_115_LB 55624 | 20.50 0.83 0.00 | 19.27 0.79 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.68 0.77 0.00 | 19.84 0.71 0.00 | 19.93 0.67 0.00 | 20.14 0.81 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.78 0.72 0.00 | 23.78 0.96 0.00 | 30.44 1.23 0.00 | 30.49 1.17 0.00 | 28.57 1.07 0.00 | 25.64 0.96 0.00 | 23.66 0.91 0.00 | 22.18 0.69 0.00 | 21.07 0.53 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 19.75 0.08 0.00 | 18.53 0.06 0.00 | 16.78 0.08 0.00 | 16.43 0.10 0.00 | 17.77 0.14 0.00 | 18.50 0.20 0.00 | 18.13 0.21 0.00 | 19.10 -0.04 0.00 | 19.16 -0.10 0.00 | 19.35 0.02 0.00 | 20.33 0.16 0.00 | 20.38 0.14 0.00 | 20.18 0.14 0.00 | 20.06 0.12 0.00 | 19.81 0.08 0.00 | 21.25 0.19 0.00 | 23.07 0.25 0.00 | 29.51 0.29 0.00 | 29.64 0.32 0.00 | 27.82 0.33 0.00 | 24.94 0.27 0.00 | 22.98 0.23 0.00 | 21.64 0.15 0.00 | 20.70 0.16 0.00 |
| STATION 5_MISC_HYD 23604 | 19.22 -0.45 0.00 | 18.02 -0.46 0.00 | 16.46 -0.23 0.00 | 16.12 -0.21 0.00 | 17.42 -0.21 0.00 | 18.20 -0.09 0.00 | 17.82 -0.09 0.00 | 18.33 -0.80 0.00 | 18.43 -0.83 0.00 | 18.63 -0.70 0.00 | 19.68 -0.48 0.00 | 19.74 -0.51 0.00 | 19.58 -0.46 0.00 | 19.45 -0.50 0.00 | 19.12 -0.61 0.00 | 20.60 -0.46 0.00 | 22.30 -0.52 0.00 | 28.34 -0.88 0.00 | 28.38 -0.94 0.00 | 26.78 -0.72 0.00 | 24.06 -0.62 0.00 | 22.25 -0.50 0.00 | 21.15 -0.34 0.00 | 20.33 -0.21 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 19.54 -0.14 0.00 | 18.31 -0.17 0.00 | 16.68 -0.02 0.00 | 16.33 0.00 0.00 | 17.67 0.04 0.00 | 18.41 0.11 0.00 | 18.05 0.14 0.00 | 18.75 -0.38 0.00 | 18.82 -0.44 0.00 | 19.06 -0.27 0.00 | 20.09 -0.08 0.00 | 20.14 -0.10 0.00 | 19.94 -0.10 0.00 | 19.81 -0.14 0.00 | 19.51 -0.22 0.00 | 21.02 -0.04 0.00 | 22.78 -0.05 0.00 | 29.04 -0.18 0.00 | 29.18 -0.15 0.00 | 27.44 -0.05 0.00 | 24.62 -0.05 0.00 | 22.73 -0.02 0.00 | 21.49 0.00 0.00 | 20.64 0.10 0.00 |

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| STA_56___34_KV_BUS2_REV_LBMP_B 345033 | 19.14 -0.53 0.00 | 17.94 -0.54 0.00 | 16.38 -0.32 0.00 | 16.04 -0.29 0.00 | 17.33 -0.30 0.00 | 18.06 -0.24 0.00 | 17.71 -0.20 0.00 | 18.27 -0.86 0.00 | 18.35 -0.91 0.00 | 18.59 -0.73 0.00 | 19.62 -0.54 0.00 | 19.68 -0.57 0.00 | 19.50 -0.54 0.00 | 19.37 -0.58 0.00 | 19.06 -0.67 0.00 | 20.53 -0.53 0.00 | 22.20 -0.62 0.00 | 28.22 -0.99 0.00 | 28.35 -0.97 0.00 | 26.70 -0.80 0.00 | 23.98 -0.69 0.00 | 22.18 -0.57 0.00 | 21.04 -0.45 0.00 | 20.27 -0.27 0.00 |
| STA_56___34_KV_BUS2 355983 | 19.14 -0.53 0.00 | 17.94 -0.54 0.00 | 16.38 -0.32 0.00 | 16.04 -0.29 0.00 | 17.33 -0.30 0.00 | 18.06 -0.24 0.00 | 17.71 -0.20 0.00 | 18.27 -0.86 0.00 | 18.35 -0.91 0.00 | 18.59 -0.73 0.00 | 19.62 -0.54 0.00 | 19.68 -0.57 0.00 | 19.50 -0.54 0.00 | 19.37 -0.58 0.00 | 19.06 -0.67 0.00 | 20.53 -0.53 0.00 | 22.20 -0.62 0.00 | 28.22 -0.99 0.00 | 28.35 -0.97 0.00 | 26.70 -0.80 0.00 | 23.98 -0.69 0.00 | 22.18 -0.57 0.00 | 21.04 -0.45 0.00 | 20.27 -0.27 0.00 |
| STA_67___115KV_BK2 355882 | 19.18 -0.49 0.00 | 17.98 -0.50 0.00 | 16.43 -0.27 0.00 | 16.10 -0.23 0.00 | 17.40 -0.23 0.00 | 18.13 -0.16 0.00 | 17.79 -0.13 0.00 | 18.29 -0.84 0.00 | 18.35 -0.91 0.00 | 18.59 -0.73 0.00 | 19.64 -0.52 0.00 | 19.70 -0.55 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.08 -0.65 0.00 | 20.56 -0.51 0.00 | 22.23 -0.59 0.00 | 28.22 -0.99 0.00 | 28.32 -1.00 0.00 | 26.72 -0.77 0.00 | 24.01 -0.67 0.00 | 22.21 -0.55 0.00 | 21.11 -0.39 0.00 | 20.33 -0.21 0.00 |
| STA_7___115KV_9TRANS 80674 | 19.30 -0.37 0.00 | 18.09 -0.39 0.00 | 16.51 -0.18 0.00 | 16.18 -0.15 0.00 | 17.49 -0.14 0.00 | 18.22 -0.07 0.00 | 17.88 -0.04 0.00 | 18.41 -0.73 0.00 | 18.47 -0.79 0.00 | 18.71 -0.62 0.00 | 19.79 -0.38 0.00 | 19.82 -0.43 0.00 | 19.64 -0.40 0.00 | 19.53 -0.42 0.00 | 19.22 -0.51 0.00 | 20.70 -0.36 0.00 | 22.39 -0.43 0.00 | 28.46 -0.76 0.00 | 28.56 -0.76 0.00 | 26.94 -0.55 0.00 | 24.20 -0.47 0.00 | 22.37 -0.39 0.00 | 21.26 -0.24 0.00 | 20.47 -0.06 0.00 |
| STA_82___115KV_TB1 80780 | 19.18 -0.49 0.00 | 18.00 -0.48 0.00 | 16.44 -0.25 0.00 | 16.10 -0.23 0.00 | 17.40 -0.23 0.00 | 18.13 -0.16 0.00 | 17.79 -0.13 0.00 | 18.29 -0.84 0.00 | 18.37 -0.89 0.00 | 18.61 -0.72 0.00 | 19.66 -0.50 0.00 | 19.70 -0.55 0.00 | 19.52 -0.52 0.00 | 19.41 -0.54 0.00 | 19.10 -0.63 0.00 | 20.58 -0.48 0.00 | 22.25 -0.57 0.00 | 28.22 -0.99 0.00 | 28.32 -1.00 0.00 | 26.72 -0.77 0.00 | 24.01 -0.67 0.00 | 22.21 -0.55 0.00 | 21.11 -0.39 0.00 | 20.35 -0.18 0.00 |
| STEEL___WIND 323596 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.58 -0.12 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.39 0.09 0.00 | 18.00 0.09 0.00 | 18.01 -1.13 0.00 | 18.08 -1.18 0.00 | 18.32 -1.01 0.00 | 19.46 -0.71 0.00 | 19.49 -0.75 0.00 | 19.40 -0.64 0.00 | 19.23 -0.72 0.00 | 18.86 -0.87 0.00 | 20.43 -0.63 0.00 | 22.04 -0.78 0.00 | 27.84 -1.37 0.00 | 27.83 -1.49 0.00 | 26.39 -1.10 0.00 | 23.79 -0.89 0.00 | 22.05 -0.71 0.00 | 21.08 -0.41 0.00 | 20.58 0.04 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 20.66 0.98 0.00 | 19.42 0.94 0.00 | 17.56 0.87 0.00 | 17.18 0.85 0.00 | 18.51 0.88 0.00 | 19.19 0.90 0.00 | 18.84 0.93 0.00 | 20.02 0.88 0.00 | 20.11 0.85 0.00 | 20.31 0.99 0.00 | 21.14 0.97 0.00 | 21.19 0.95 0.00 | 20.96 0.92 0.00 | 20.82 0.88 0.00 | 20.56 0.83 0.00 | 21.97 0.91 0.00 | 24.03 1.21 0.00 | 30.77 1.55 0.00 | 30.82 1.50 0.00 | 28.87 1.37 0.00 | 25.91 1.23 0.00 | 23.91 1.16 0.00 | 22.40 0.90 0.00 | 21.27 0.74 0.00 |
| STEUBEN_REC_LFGE 323667 | 20.30 0.63 0.00 | 19.01 0.54 0.00 | 17.36 0.67 0.00 | 17.05 0.72 0.00 | 18.50 0.86 0.00 | 19.34 1.04 0.00 | 18.97 1.06 0.00 | 19.67 0.54 0.00 | 19.68 0.42 0.00 | 19.89 0.56 0.00 | 21.02 0.85 0.00 | 21.07 0.83 0.00 | 20.92 0.88 0.00 | 20.76 0.82 0.00 | 20.44 0.71 0.00 | 22.05 0.99 0.00 | 24.10 1.28 0.00 | 30.85 1.64 0.00 | 30.99 1.67 0.00 | 29.14 1.65 0.00 | 26.15 1.48 0.00 | 24.12 1.37 0.00 | 22.70 1.20 0.00 | 21.91 1.38 0.00 |
| STILLWATER___SOLAR 323814 | 20.60 0.92 0.00 | 19.38 0.91 0.00 | 17.51 0.82 0.00 | 17.13 0.80 0.00 | 18.48 0.85 0.00 | 19.16 0.86 0.00 | 18.81 0.90 0.00 | 19.98 0.84 0.00 | 20.22 0.96 0.00 | 20.33 1.00 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.90 0.96 0.00 | 20.73 1.01 0.00 | 22.24 1.18 0.00 | 24.37 1.55 0.00 | 31.21 1.99 0.00 | 31.26 1.93 0.00 | 29.28 1.79 0.00 | 26.30 1.63 0.00 | 24.21 1.46 0.00 | 22.74 1.25 0.00 | 21.52 0.99 0.00 |
| STONY___BROOK 24151 | 23.34 1.89 -1.78 | 20.25 1.77 0.00 | 18.11 1.42 0.00 | 17.73 1.40 0.00 | 19.09 1.46 0.00 | 19.80 1.50 0.00 | 19.54 1.63 0.00 | 20.68 1.55 0.00 | 21.09 1.83 0.00 | 22.38 1.93 -1.12 | 22.13 1.96 0.00 | 22.25 1.98 -0.02 | 22.74 1.94 -0.76 | 21.88 1.93 0.00 | 21.86 1.97 -0.16 | 24.52 2.15 -1.31 | 32.30 2.65 -6.83 | 37.88 3.48 -5.18 | 39.70 3.46 -6.92 | 34.85 3.19 -4.17 | 30.64 2.74 -3.23 | 26.35 2.59 -1.01 | 24.88 2.34 -1.05 | 22.32 1.79 0.00 |
| STURGEON_POOL_HYD 23609 | 20.70 1.02 0.00 | 19.40 0.92 0.00 | 17.44 0.75 0.00 | 17.08 0.75 0.00 | 18.43 0.79 0.00 | 19.08 0.79 0.00 | 18.72 0.81 0.00 | 19.86 0.73 0.00 | 19.89 0.64 0.00 | 20.20 0.87 0.00 | 21.20 1.03 0.00 | 21.29 1.05 0.00 | 21.06 1.02 0.00 | 20.98 1.04 0.00 | 20.81 1.09 0.00 | 22.24 1.18 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.43 2.11 0.00 | 29.47 1.98 0.00 | 26.40 1.73 0.00 | 24.39 1.64 0.00 | 22.80 1.31 0.00 | 21.64 1.11 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 20.56 0.89 0.00 | 19.31 0.83 0.00 | 17.38 0.68 0.00 | 17.00 0.67 0.00 | 18.35 0.72 0.00 | 19.01 0.71 0.00 | 18.66 0.75 0.00 | 19.81 0.67 0.00 | 19.89 0.64 0.00 | 20.16 0.83 0.00 | 21.12 0.95 0.00 | 21.21 0.97 0.00 | 21.00 0.96 0.00 | 20.90 0.96 0.00 | 20.70 0.97 0.00 | 22.11 1.05 0.00 | 24.24 1.41 0.00 | 31.03 1.81 0.00 | 31.14 1.82 0.00 | 29.20 1.70 0.00 | 26.18 1.51 0.00 | 24.21 1.46 0.00 | 22.63 1.14 0.00 | 21.48 0.94 0.00 |
| SWANROAD_115KV_TB1 355699 | 18.61 -1.06 0.00 | 17.46 -1.02 0.00 | 16.09 -0.60 0.00 | 15.79 -0.54 0.00 | 16.96 -0.67 0.00 | 17.69 -0.60 0.00 | 17.43 -0.48 0.00 | 17.36 -1.78 0.00 | 17.41 -1.85 0.00 | 17.67 -1.66 0.00 | 18.76 -1.41 0.00 | 18.78 -1.46 0.00 | 18.66 -1.38 0.00 | 18.53 -1.42 0.00 | 18.17 -1.56 0.00 | 19.65 -1.41 0.00 | 21.20 -1.62 0.00 | 26.65 -2.57 0.00 | 26.68 -2.64 0.00 | 25.32 -2.17 0.00 | 22.85 -1.83 0.00 | 21.18 -1.57 0.00 | 20.31 -1.18 0.00 | 19.88 -0.66 0.00 |
| SYNERGY___BIOGAS 323694 | 19.32 -0.35 0.00 | 18.09 -0.39 0.00 | 16.63 -0.07 0.00 | 16.26 -0.07 0.00 | 17.58 -0.05 0.00 | 18.42 0.13 0.00 | 18.04 0.13 0.00 | 18.20 -0.94 0.00 | 18.26 -1.00 0.00 | 18.52 -0.81 0.00 | 19.67 -0.50 0.00 | 19.68 -0.57 0.00 | 19.54 -0.50 0.00 | 19.39 -0.56 0.00 | 19.04 -0.69 0.00 | 20.60 -0.46 0.00 | 22.27 -0.55 0.00 | 28.25 -0.96 0.00 | 28.29 -1.03 0.00 | 26.75 -0.74 0.00 | 24.06 -0.62 0.00 | 22.27 -0.48 0.00 | 21.26 -0.24 0.00 | 20.56 0.02 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SYRACUSE___ENERGY_ST2 323598 | 19.63 -0.04 0.00 | 18.42 -0.06 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.47 -0.03 0.00 | 24.65 -0.02 0.00 | 22.71 -0.05 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| SYRACUSE___POWER 24017 | 19.61 -0.06 0.00 | 18.40 -0.07 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.49 0.00 0.00 | 24.65 -0.02 0.00 | 22.73 -0.02 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| TALLMAN__138KV_BK151 55660 | 20.70 1.02 0.00 | 19.44 0.96 0.00 | 17.49 0.80 0.00 | 17.11 0.78 0.00 | 18.46 0.83 0.00 | 19.12 0.82 0.00 | 18.79 0.88 0.00 | 19.94 0.80 0.00 | 20.01 0.75 0.00 | 20.31 0.99 0.00 | 21.30 1.13 0.00 | 21.40 1.15 0.00 | 21.18 1.14 0.00 | 21.06 1.12 0.00 | 20.87 1.14 0.00 | 22.28 1.22 0.00 | 24.42 1.60 0.00 | 31.26 2.05 0.00 | 31.40 2.08 0.00 | 29.45 1.95 0.00 | 26.38 1.70 0.00 | 24.41 1.66 0.00 | 22.80 1.31 0.00 | 21.62 1.09 0.00 |
| TEALLAVE_115KV_TB7 355573 | 19.52 -0.16 0.00 | 18.31 -0.17 0.00 | 16.59 -0.10 0.00 | 16.25 -0.08 0.00 | 17.56 -0.07 0.00 | 18.26 -0.04 0.00 | 17.89 -0.02 0.00 | 18.83 -0.31 0.00 | 18.91 -0.35 0.00 | 19.10 -0.23 0.00 | 20.03 -0.14 0.00 | 20.10 -0.14 0.00 | 19.90 -0.14 0.00 | 19.79 -0.16 0.00 | 19.53 -0.20 0.00 | 20.93 -0.13 0.00 | 22.68 -0.14 0.00 | 28.95 -0.26 0.00 | 29.06 -0.26 0.00 | 27.30 -0.19 0.00 | 24.48 -0.20 0.00 | 22.57 -0.18 0.00 | 21.30 -0.19 0.00 | 20.39 -0.14 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 19.06 -0.61 0.00 | 17.87 -0.61 0.00 | 16.44 -0.25 0.00 | 16.12 -0.21 0.00 | 17.37 -0.26 0.00 | 18.13 -0.16 0.00 | 17.82 -0.09 0.00 | 17.87 -1.26 0.00 | 17.93 -1.33 0.00 | 18.21 -1.12 0.00 | 19.32 -0.85 0.00 | 19.35 -0.89 0.00 | 19.20 -0.84 0.00 | 19.09 -0.86 0.00 | 18.72 -1.01 0.00 | 20.24 -0.82 0.00 | 21.86 -0.96 0.00 | 27.58 -1.64 0.00 | 27.68 -1.64 0.00 | 26.20 -1.29 0.00 | 23.59 -1.09 0.00 | 21.86 -0.89 0.00 | 20.89 -0.60 0.00 | 20.37 -0.16 0.00 |
| TEMPLE___115KV_TB 2 55572 | 19.54 -0.14 0.00 | 18.33 -0.15 0.00 | 16.61 -0.08 0.00 | 16.25 -0.08 0.00 | 17.58 -0.05 0.00 | 18.28 0.00 0.00 | 17.91 0.00 0.00 | 18.85 -0.29 0.00 | 18.93 -0.33 0.00 | 19.10 -0.23 0.00 | 20.05 -0.12 0.00 | 20.12 -0.12 0.00 | 19.92 -0.12 0.00 | 19.81 -0.14 0.00 | 19.55 -0.18 0.00 | 20.96 -0.11 0.00 | 22.68 -0.14 0.00 | 28.98 -0.23 0.00 | 29.09 -0.23 0.00 | 27.30 -0.19 0.00 | 24.50 -0.17 0.00 | 22.59 -0.16 0.00 | 21.32 -0.17 0.00 | 20.39 -0.14 0.00 |
| TIANA____69_KV_BK 1 55817 | 23.59 2.14 -1.78 | 20.49 2.01 0.00 | 18.33 1.64 0.00 | 17.95 1.62 0.00 | 19.32 1.69 0.00 | 20.05 1.76 0.00 | 19.81 1.90 0.00 | 20.92 1.78 0.00 | 21.01 1.75 0.00 | 22.49 2.05 -1.12 | 22.31 2.14 0.00 | 22.39 2.13 -0.02 | 22.86 2.06 -0.76 | 22.00 2.05 0.00 | 21.98 2.09 -0.16 | 24.56 2.19 -1.31 | 32.44 2.78 -6.83 | 38.17 3.77 -5.18 | 39.87 3.64 -6.92 | 34.96 3.30 -4.17 | 30.72 2.81 -3.23 | 26.44 2.68 -1.01 | 24.78 2.24 -1.05 | 22.44 1.91 0.00 |
| TILDEN___115KV_TB1 80814 | 19.61 -0.06 0.00 | 18.40 -0.07 0.00 | 16.68 -0.02 0.00 | 16.31 -0.02 0.00 | 17.65 0.02 0.00 | 18.35 0.05 0.00 | 17.98 0.07 0.00 | 18.94 -0.19 0.00 | 19.03 -0.23 0.00 | 19.19 -0.14 0.00 | 20.15 -0.02 0.00 | 20.22 -0.02 0.00 | 20.02 -0.02 0.00 | 19.89 -0.06 0.00 | 19.65 -0.08 0.00 | 21.06 0.00 0.00 | 22.82 0.00 0.00 | 29.16 -0.06 0.00 | 29.26 -0.06 0.00 | 27.49 0.00 0.00 | 24.65 -0.02 0.00 | 22.73 -0.02 0.00 | 21.43 -0.06 0.00 | 20.49 -0.04 0.00 |
| TRIGEN___CC 323695 | 22.95 1.50 -1.78 | 19.86 1.39 0.00 | 17.81 1.12 0.00 | 17.44 1.11 0.00 | 18.80 1.16 0.00 | 19.49 1.19 0.00 | 19.18 1.27 0.00 | 20.34 1.21 0.00 | 20.41 1.16 0.00 | 21.89 1.45 -1.12 | 21.78 1.61 0.00 | 21.91 1.64 -0.02 | 22.44 1.64 -0.76 | 21.56 1.62 0.00 | 21.52 1.64 -0.16 | 24.10 1.73 -1.31 | 31.82 2.17 -6.83 | 37.18 2.78 -5.18 | 39.05 2.81 -6.92 | 34.33 2.67 -4.17 | 30.22 2.32 -3.23 | 25.96 2.21 -1.01 | 24.37 1.83 -1.05 | 22.07 1.54 0.00 |
| TRINITY__115KV__ 4 BK 55933 | 20.44 0.77 0.00 | 19.23 0.76 0.00 | 17.38 0.68 0.00 | 17.00 0.67 0.00 | 18.34 0.71 0.00 | 18.99 0.70 0.00 | 18.63 0.72 0.00 | 19.81 0.67 0.00 | 19.89 0.64 0.00 | 20.08 0.75 0.00 | 20.90 0.73 0.00 | 20.97 0.73 0.00 | 20.74 0.70 0.00 | 20.62 0.68 0.00 | 20.32 0.59 0.00 | 21.71 0.65 0.00 | 23.71 0.89 0.00 | 30.36 1.14 0.00 | 30.41 1.08 0.00 | 28.48 0.99 0.00 | 25.56 0.89 0.00 | 23.59 0.84 0.00 | 22.12 0.62 0.00 | 21.01 0.47 0.00 |
| UNION___PROCESSING_DRP 323587 | 19.20 -0.47 0.00 | 18.00 -0.48 0.00 | 16.44 -0.25 0.00 | 16.10 -0.23 0.00 | 17.40 -0.23 0.00 | 18.15 -0.15 0.00 | 17.80 -0.11 0.00 | 18.31 -0.82 0.00 | 18.37 -0.89 0.00 | 18.61 -0.72 0.00 | 19.66 -0.50 0.00 | 19.72 -0.53 0.00 | 19.54 -0.50 0.00 | 19.41 -0.54 0.00 | 19.10 -0.63 0.00 | 20.58 -0.48 0.00 | 22.25 -0.57 0.00 | 28.25 -0.96 0.00 | 28.35 -0.97 0.00 | 26.75 -0.74 0.00 | 24.03 -0.64 0.00 | 22.23 -0.52 0.00 | 21.13 -0.37 0.00 | 20.35 -0.18 0.00 |
| UPPER HUDSON___HYD 24058 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.44 0.75 0.00 | 17.05 0.72 0.00 | 18.41 0.77 0.00 | 19.08 0.79 0.00 | 18.74 0.82 0.00 | 19.94 0.80 0.00 | 20.18 0.92 0.00 | 20.31 0.99 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.88 0.94 0.00 | 20.71 0.99 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.34 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.74 1.25 0.00 | 21.52 0.99 0.00 |
| UPPER RAQUET___HYD 24056 | 18.83 -0.85 0.00 | 17.68 -0.79 0.00 | 15.92 -0.77 0.00 | 15.56 -0.77 0.00 | 16.75 -0.88 0.00 | 17.27 -1.02 0.00 | 16.76 -1.15 0.00 | 18.48 -0.65 0.00 | 18.41 -0.85 0.00 | 18.42 -0.91 0.00 | 19.26 -0.91 0.00 | 19.31 -0.93 0.00 | 19.16 -0.88 0.00 | 19.17 -0.78 0.00 | 18.98 -0.75 0.00 | 20.16 -0.90 0.00 | 21.57 -1.26 0.00 | 27.79 -1.43 0.00 | 27.94 -1.38 0.00 | 26.15 -1.35 0.00 | 23.54 -1.13 0.00 | 21.55 -1.21 0.00 | 20.48 -1.01 0.00 | 19.92 -0.62 0.00 |
| VALLEY44_115KV_TB2 355964 | 19.54 -0.14 0.00 | 18.31 -0.17 0.00 | 16.84 0.15 0.00 | 16.54 0.21 0.00 | 17.84 0.21 0.00 | 18.61 0.31 0.00 | 18.27 0.36 0.00 | 18.29 -0.84 0.00 | 18.32 -0.94 0.00 | 18.59 -0.73 0.00 | 19.75 -0.42 0.00 | 19.80 -0.45 0.00 | 19.66 -0.38 0.00 | 19.53 -0.42 0.00 | 19.14 -0.59 0.00 | 20.66 -0.40 0.00 | 22.39 -0.43 0.00 | 28.31 -0.91 0.00 | 28.35 -0.97 0.00 | 26.83 -0.66 0.00 | 24.16 -0.52 0.00 | 22.43 -0.32 0.00 | 21.32 -0.17 0.00 | 21.07 0.53 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 19.56 -0.12 0.00 | 18.40 -0.07 0.00 | 16.63 -0.07 0.00 | 16.28 -0.05 0.00 | 17.60 -0.04 0.00 | 18.30 0.00 0.00 | 17.91 0.00 0.00 | 19.14 0.00 0.00 | 19.24 -0.02 0.00 | 19.39 0.06 0.00 | 20.25 0.08 0.00 | 20.34 0.10 0.00 | 20.14 0.10 0.00 | 20.04 0.10 0.00 | 19.85 0.12 0.00 | 21.21 0.15 0.00 | 23.09 0.27 0.00 | 29.63 0.41 0.00 | 29.73 0.41 0.00 | 27.88 0.38 0.00 | 25.02 0.35 0.00 | 23.14 0.39 0.00 | 21.79 0.30 0.00 | 20.80 0.27 0.00 |

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| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 20.83 1.16 0.00 | 19.64 1.16 0.00 | 17.73 1.03 0.00 | 17.34 1.01 0.00 | 18.78 1.15 0.00 | 19.50 1.21 0.00 | 19.04 1.13 0.00 | 20.26 1.13 0.00 | 20.36 1.10 0.00 | 20.60 1.28 0.00 | 21.66 1.49 0.00 | 21.68 1.44 0.00 | 21.44 1.40 0.00 | 21.34 1.40 0.00 | 21.09 1.36 0.00 | 22.58 1.52 0.00 | 24.67 1.85 0.00 | 31.67 2.45 0.00 | 31.81 2.49 0.00 | 29.80 2.31 0.00 | 26.75 2.07 0.00 | 24.66 1.91 0.00 | 23.11 1.61 0.00 | 22.07 1.54 0.00 |
| VISCHER___FERRY HYD 24020 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.39 0.76 0.00 | 19.03 0.73 0.00 | 18.70 0.79 0.00 | 19.86 0.73 0.00 | 20.11 0.85 0.00 | 20.24 0.91 0.00 | 21.06 0.89 0.00 | 21.13 0.89 0.00 | 20.88 0.84 0.00 | 20.76 0.82 0.00 | 20.58 0.85 0.00 | 22.03 0.97 0.00 | 24.12 1.30 0.00 | 30.88 1.66 0.00 | 30.93 1.61 0.00 | 28.98 1.48 0.00 | 26.00 1.33 0.00 | 23.98 1.23 0.00 | 22.53 1.03 0.00 | 21.30 0.76 0.00 |
| V_A_10_SYNC_DSASP 323832 | 18.81 -0.87 0.00 | 17.65 -0.83 0.00 | 16.21 -0.48 0.00 | 15.89 -0.44 0.00 | 17.16 -0.48 0.00 | 17.95 -0.35 0.00 | 17.53 -0.38 0.00 | 17.82 -1.32 0.00 | 17.89 -1.37 0.00 | 18.11 -1.22 0.00 | 19.18 -0.99 0.00 | 19.21 -1.03 0.00 | 19.08 -0.96 0.00 | 18.95 -1.00 0.00 | 18.60 -1.12 0.00 | 20.09 -0.97 0.00 | 21.68 -1.14 0.00 | 27.38 -1.84 0.00 | 27.39 -1.94 0.00 | 25.93 -1.57 0.00 | 23.34 -1.33 0.00 | 21.64 -1.11 0.00 | 20.68 -0.82 0.00 | 19.98 -0.55 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 19.20 -0.47 0.00 | 18.03 -0.44 0.00 | 16.28 -0.42 0.00 | 15.91 -0.42 0.00 | 17.17 -0.46 0.00 | 17.80 -0.49 0.00 | 17.34 -0.57 0.00 | 18.89 -0.25 0.00 | 18.85 -0.41 0.00 | 18.85 -0.48 0.00 | 19.63 -0.54 0.00 | 19.70 -0.55 0.00 | 19.52 -0.52 0.00 | 19.47 -0.48 0.00 | 19.28 -0.45 0.00 | 20.47 -0.59 0.00 | 22.04 -0.78 0.00 | 28.31 -0.91 0.00 | 28.41 -0.91 0.00 | 26.64 -0.85 0.00 | 23.96 -0.72 0.00 | 22.02 -0.73 0.00 | 20.87 -0.62 0.00 | 20.17 -0.37 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 19.36 -0.32 0.00 | 18.12 -0.35 0.00 | 16.31 -0.38 0.00 | 15.89 -0.44 0.00 | 17.10 -0.53 0.00 | 17.75 -0.55 0.00 | 16.93 -0.99 0.00 | 18.56 -0.57 0.00 | 18.51 -0.75 0.00 | 18.52 -0.81 0.00 | 19.28 -0.89 0.00 | 19.35 -0.89 0.00 | 19.30 -0.74 0.00 | 19.33 -0.62 0.00 | 19.18 -0.55 0.00 | 20.32 -0.74 0.00 | 22.09 -0.73 0.00 | 28.55 -0.67 0.00 | 28.74 -0.59 0.00 | 26.97 -0.52 0.00 | 24.28 -0.40 0.00 | 22.25 -0.50 0.00 | 21.13 -0.37 0.00 | 20.80 0.27 0.00 |
| V_D_10_SYNC_DSASP 323841 | 19.26 -0.41 0.00 | 18.09 -0.39 0.00 | 16.31 -0.38 0.00 | 15.96 -0.37 0.00 | 17.21 -0.42 0.00 | 17.84 -0.46 0.00 | 17.34 -0.57 0.00 | 18.98 -0.15 0.00 | 18.95 -0.31 0.00 | 18.92 -0.41 0.00 | 19.67 -0.50 0.00 | 19.74 -0.51 0.00 | 19.54 -0.50 0.00 | 19.53 -0.42 0.00 | 19.33 -0.39 0.00 | 20.54 -0.53 0.00 | 22.11 -0.71 0.00 | 28.40 -0.82 0.00 | 28.53 -0.79 0.00 | 26.73 -0.77 0.00 | 24.06 -0.62 0.00 | 22.09 -0.66 0.00 | 20.93 -0.56 0.00 | 20.25 -0.29 0.00 |
| V_E_10_SYNC_DSASP 323830 | 21.11 1.44 0.00 | 19.92 1.44 0.00 | 18.03 1.34 0.00 | 17.60 1.27 0.00 | 19.11 1.48 0.00 | 19.98 1.68 0.00 | 19.42 1.50 0.00 | 20.61 1.47 0.00 | 20.72 1.46 0.00 | 20.88 1.55 0.00 | 21.94 1.78 0.00 | 21.96 1.72 0.00 | 21.76 1.72 0.00 | 21.62 1.68 0.00 | 21.37 1.64 0.00 | 23.04 1.98 0.00 | 25.35 2.53 0.00 | 32.69 3.48 0.00 | 32.87 3.55 0.00 | 30.79 3.30 0.00 | 27.61 2.93 0.00 | 25.32 2.57 0.00 | 23.77 2.28 0.00 | 22.79 2.26 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 20.62 0.94 0.00 | 19.40 0.92 0.00 | 17.53 0.83 0.00 | 17.15 0.82 0.00 | 18.50 0.86 0.00 | 19.17 0.88 0.00 | 18.82 0.91 0.00 | 20.00 0.86 0.00 | 20.24 0.98 0.00 | 20.35 1.02 0.00 | 21.26 1.09 0.00 | 21.33 1.09 0.00 | 21.08 1.04 0.00 | 20.94 1.00 0.00 | 20.75 1.03 0.00 | 22.26 1.20 0.00 | 24.39 1.57 0.00 | 31.23 2.01 0.00 | 31.29 1.96 0.00 | 29.31 1.81 0.00 | 26.33 1.65 0.00 | 24.25 1.50 0.00 | 22.76 1.27 0.00 | 21.56 1.03 0.00 |
| V_F_30_SYNC_DSASP 323786 | 20.50 0.83 0.00 | 19.27 0.79 0.00 | 17.43 0.73 0.00 | 17.05 0.72 0.00 | 18.37 0.74 0.00 | 19.03 0.73 0.00 | 18.68 0.77 0.00 | 19.84 0.71 0.00 | 19.93 0.67 0.00 | 20.14 0.81 0.00 | 20.96 0.79 0.00 | 21.03 0.79 0.00 | 20.80 0.76 0.00 | 20.66 0.72 0.00 | 20.38 0.65 0.00 | 21.76 0.70 0.00 | 23.78 0.96 0.00 | 30.44 1.23 0.00 | 30.49 1.17 0.00 | 28.57 1.07 0.00 | 25.64 0.96 0.00 | 23.66 0.91 0.00 | 22.18 0.69 0.00 | 21.07 0.53 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 19.36 -0.32 0.00 | 18.12 -0.35 0.00 | 16.31 -0.38 0.00 | 15.89 -0.44 0.00 | 17.10 -0.53 0.00 | 17.75 -0.55 0.00 | 16.93 -0.99 0.00 | 18.56 -0.57 0.00 | 18.51 -0.75 0.00 | 18.52 -0.81 0.00 | 19.28 -0.89 0.00 | 19.35 -0.89 0.00 | 19.30 -0.74 0.00 | 19.33 -0.62 0.00 | 19.18 -0.55 0.00 | 20.32 -0.74 0.00 | 22.09 -0.73 0.00 | 28.55 -0.67 0.00 | 28.74 -0.59 0.00 | 26.97 -0.52 0.00 | 24.28 -0.40 0.00 | 22.25 -0.50 0.00 | 21.13 -0.37 0.00 | 20.80 0.27 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.85 1.18 0.00 | 19.59 1.11 0.00 | 17.61 0.92 0.00 | 17.23 0.90 0.00 | 18.58 0.95 0.00 | 19.27 0.97 0.00 | 18.91 1.00 0.00 | 20.07 0.94 0.00 | 20.15 0.89 0.00 | 20.47 1.14 0.00 | 21.44 1.27 0.00 | 21.54 1.30 0.00 | 21.34 1.30 0.00 | 21.22 1.28 0.00 | 21.03 1.30 0.00 | 22.45 1.39 0.00 | 24.62 1.80 0.00 | 31.53 2.31 0.00 | 31.70 2.38 0.00 | 29.72 2.23 0.00 | 26.62 1.95 0.00 | 24.59 1.84 0.00 | 22.98 1.48 0.00 | 21.79 1.25 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 21.07 1.40 0.00 | 19.77 1.29 0.00 | 17.78 1.08 0.00 | 17.38 1.05 0.00 | 18.76 1.13 0.00 | 19.41 1.12 0.00 | 19.09 1.18 0.00 | 20.28 1.15 0.00 | 20.30 1.04 0.00 | 20.70 1.37 0.00 | 21.70 1.53 0.00 | 21.80 1.56 0.00 | 21.62 1.58 0.00 | 21.50 1.56 0.00 | 21.33 1.60 0.00 | 22.70 1.64 0.00 | 24.90 2.08 0.00 | 31.88 2.66 0.00 | 32.05 2.73 0.00 | 30.08 2.58 0.00 | 26.92 2.25 0.00 | 24.89 2.14 0.00 | 23.23 1.74 0.00 | 22.03 1.50 0.00 |
| W50THST__13_KV_LOAD 356117 | 21.07 1.40 0.00 | 19.79 1.31 0.00 | 17.79 1.10 0.00 | 17.39 1.06 0.00 | 18.78 1.15 0.00 | 19.43 1.13 0.00 | 19.11 1.20 0.00 | 20.30 1.17 0.00 | 20.32 1.06 0.00 | 20.72 1.39 0.00 | 21.70 1.53 0.00 | 21.82 1.58 0.00 | 21.62 1.58 0.00 | 21.52 1.58 0.00 | 21.33 1.60 0.00 | 22.72 1.66 0.00 | 24.92 2.10 0.00 | 31.91 2.69 0.00 | 32.08 2.76 0.00 | 30.11 2.61 0.00 | 26.94 2.27 0.00 | 24.91 2.16 0.00 | 23.26 1.76 0.00 | 22.05 1.52 0.00 |
| WADING RIVER_IC_1 23522 | 23.44 1.99 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.91 1.61 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.80 1.91 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.88 3.48 -5.18 | 39.55 3.31 -6.92 | 34.66 3.00 -4.17 | 30.42 2.52 -3.23 | 26.17 2.41 -1.01 | 24.69 2.15 -1.05 | 22.18 1.64 0.00 |
| WADING RIVER_IC_2 23547 | 23.44 1.99 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.91 1.61 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.80 1.91 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.88 3.48 -5.18 | 39.55 3.31 -6.92 | 34.66 3.00 -4.17 | 30.42 2.52 -3.23 | 26.17 2.41 -1.01 | 24.69 2.15 -1.05 | 22.18 1.64 0.00 |

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| WADING RIVER_IC_3 23601 | 23.44 1.99 -1.78 | 20.36 1.89 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.91 1.61 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 21.18 1.93 0.00 | 22.45 2.01 -1.12 | 22.13 1.96 0.00 | 22.23 1.96 -0.02 | 22.66 1.86 -0.76 | 21.82 1.87 0.00 | 21.80 1.91 -0.16 | 24.41 2.04 -1.31 | 32.23 2.58 -6.83 | 37.88 3.48 -5.18 | 39.55 3.31 -6.92 | 34.66 3.00 -4.17 | 30.42 2.52 -3.23 | 26.17 2.41 -1.01 | 24.69 2.15 -1.05 | 22.18 1.64 0.00 |
| WALDENNY_I2_KV_BK2 80841 | 19.18 -0.49 0.00 | 17.98 -0.50 0.00 | 16.56 -0.13 0.00 | 16.26 -0.07 0.00 | 17.53 -0.11 0.00 | 18.30 0.00 0.00 | 17.97 0.05 0.00 | 17.97 -1.17 0.00 | 18.01 -1.25 0.00 | 18.28 -1.04 0.00 | 19.42 -0.75 0.00 | 19.47 -0.77 0.00 | 19.34 -0.70 0.00 | 19.21 -0.74 0.00 | 18.84 -0.89 0.00 | 20.37 -0.70 0.00 | 22.00 -0.82 0.00 | 27.76 -1.46 0.00 | 27.80 -1.52 0.00 | 26.34 -1.15 0.00 | 23.74 -0.94 0.00 | 22.02 -0.73 0.00 | 21.04 -0.45 0.00 | 20.64 0.10 0.00 |
| WALDEN___HYDRO 24148 | 20.72 1.04 0.00 | 19.44 0.96 0.00 | 17.49 0.80 0.00 | 17.11 0.78 0.00 | 18.48 0.85 0.00 | 19.14 0.84 0.00 | 18.79 0.88 0.00 | 19.94 0.80 0.00 | 19.99 0.73 0.00 | 20.26 0.93 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.10 1.06 0.00 | 21.00 1.06 0.00 | 20.81 1.09 0.00 | 22.26 1.20 0.00 | 24.44 1.62 0.00 | 31.32 2.10 0.00 | 31.46 2.14 0.00 | 29.50 2.01 0.00 | 26.42 1.75 0.00 | 24.41 1.66 0.00 | 22.80 1.31 0.00 | 21.66 1.13 0.00 |
| WARRENSBURG____ 23737 | 20.50 0.83 0.00 | 19.29 0.81 0.00 | 17.44 0.75 0.00 | 17.05 0.72 0.00 | 18.41 0.77 0.00 | 19.08 0.79 0.00 | 18.74 0.82 0.00 | 19.94 0.80 0.00 | 20.18 0.92 0.00 | 20.31 0.99 0.00 | 21.24 1.07 0.00 | 21.31 1.07 0.00 | 21.06 1.02 0.00 | 20.88 0.94 0.00 | 20.71 0.99 0.00 | 22.26 1.20 0.00 | 24.42 1.60 0.00 | 31.29 2.07 0.00 | 31.34 2.02 0.00 | 29.34 1.84 0.00 | 26.35 1.68 0.00 | 24.25 1.50 0.00 | 22.74 1.25 0.00 | 21.52 0.99 0.00 |
| WATERSIDE___6 8 9 23538 | 21.04 1.36 -0.01 | 19.76 1.27 -0.01 | 17.76 1.07 0.00 | 17.36 1.03 0.00 | 18.74 1.11 0.00 | 19.39 1.10 0.00 | 19.04 1.13 0.00 | 20.19 1.05 0.00 | 20.11 0.85 0.00 | 20.53 1.20 0.00 | 21.52 1.35 0.00 | 21.64 1.40 0.00 | 21.46 1.42 0.00 | 21.36 1.42 0.00 | 21.19 1.46 0.00 | 22.54 1.47 0.00 | 24.69 1.87 0.00 | 31.64 2.43 0.00 | 31.78 2.46 0.00 | 29.80 2.31 0.00 | 26.72 2.05 0.00 | 24.73 1.98 0.00 | 23.15 1.66 0.00 | 21.99 1.46 0.00 |
| WATKINRD_115KV_LN8_IL 55919 | 19.75 0.08 0.00 | 18.59 0.11 0.00 | 16.78 0.08 0.00 | 16.43 0.10 0.00 | 17.76 0.12 0.00 | 18.42 0.13 0.00 | 18.05 0.14 0.00 | 19.25 0.11 0.00 | 19.36 0.10 0.00 | 19.48 0.15 0.00 | 20.37 0.20 0.00 | 20.44 0.20 0.00 | 20.24 0.20 0.00 | 20.14 0.20 0.00 | 19.93 0.20 0.00 | 21.29 0.23 0.00 | 23.16 0.34 0.00 | 29.68 0.47 0.00 | 29.79 0.47 0.00 | 27.93 0.44 0.00 | 25.07 0.39 0.00 | 23.16 0.41 0.00 | 21.79 0.30 0.00 | 20.80 0.27 0.00 |
| WATSON___69_KV_BK 1 55734 | 23.46 2.01 -1.78 | 20.36 1.88 0.00 | 18.21 1.52 0.00 | 17.83 1.50 0.00 | 19.20 1.57 0.00 | 19.92 1.63 0.00 | 19.67 1.76 0.00 | 20.78 1.65 0.00 | 20.88 1.62 0.00 | 22.38 1.93 -1.12 | 22.25 2.08 0.00 | 22.37 2.11 -0.02 | 22.86 2.06 -0.76 | 22.00 2.05 0.00 | 21.98 2.09 -0.16 | 24.60 2.23 -1.31 | 32.41 2.76 -6.83 | 38.02 3.62 -5.18 | 39.87 3.64 -6.92 | 35.05 3.38 -4.17 | 30.84 2.94 -3.23 | 26.51 2.75 -1.01 | 24.86 2.32 -1.05 | 22.53 1.99 0.00 |
| WDELAWARE___HYD 323627 | 20.34 0.67 0.00 | 19.07 0.59 0.00 | 17.14 0.45 0.00 | 16.79 0.46 0.00 | 18.14 0.51 0.00 | 18.79 0.49 0.00 | 18.43 0.52 0.00 | 19.56 0.42 0.00 | 19.84 0.58 0.00 | 19.95 0.62 0.00 | 20.83 0.66 0.00 | 20.93 0.69 0.00 | 20.68 0.64 0.00 | 20.58 0.64 0.00 | 20.44 0.71 0.00 | 21.92 0.86 0.00 | 24.08 1.25 0.00 | 30.88 1.66 0.00 | 31.05 1.73 0.00 | 29.12 1.62 0.00 | 26.05 1.38 0.00 | 24.07 1.32 0.00 | 22.61 1.12 0.00 | 21.31 0.78 0.00 |
| WEST BABYLON___IC 23714 | 23.36 1.91 -1.78 | 20.25 1.77 0.00 | 18.13 1.44 0.00 | 17.75 1.42 0.00 | 19.11 1.48 0.00 | 19.83 1.54 0.00 | 19.56 1.65 0.00 | 20.69 1.55 0.00 | 20.78 1.52 0.00 | 22.28 1.84 -1.12 | 22.17 2.00 0.00 | 22.29 2.02 -0.02 | 22.80 2.00 -0.76 | 21.92 1.97 0.00 | 21.90 2.01 -0.16 | 24.52 2.15 -1.31 | 32.30 2.65 -6.83 | 37.88 3.48 -5.18 | 39.76 3.52 -6.92 | 34.94 3.27 -4.17 | 30.74 2.84 -3.23 | 26.42 2.66 -1.01 | 24.80 2.26 -1.05 | 22.44 1.91 0.00 |
| WEST CANADA___HYD 24049 | 19.83 0.16 0.00 | 18.64 0.17 0.00 | 16.83 0.13 0.00 | 16.46 0.13 0.00 | 17.79 0.16 0.00 | 18.44 0.15 0.00 | 18.07 0.16 0.00 | 19.25 0.12 0.00 | 19.41 0.15 0.00 | 19.50 0.17 0.00 | 20.35 0.18 0.00 | 20.42 0.18 0.00 | 20.22 0.18 0.00 | 20.12 0.18 0.00 | 19.91 0.18 0.00 | 21.27 0.21 0.00 | 23.12 0.30 0.00 | 29.60 0.38 0.00 | 29.70 0.38 0.00 | 27.83 0.33 0.00 | 24.97 0.30 0.00 | 23.05 0.30 0.00 | 21.73 0.24 0.00 | 20.70 0.16 0.00 |
| WESTERN_NY_WIND 24143 | 19.30 -0.37 0.00 | 18.07 -0.41 0.00 | 16.61 -0.08 0.00 | 16.28 -0.05 0.00 | 17.56 -0.07 0.00 | 18.33 0.04 0.00 | 18.02 0.11 0.00 | 18.16 -0.98 0.00 | 18.20 -1.06 0.00 | 18.50 -0.83 0.00 | 19.62 -0.54 0.00 | 19.65 -0.59 0.00 | 19.48 -0.56 0.00 | 19.35 -0.60 0.00 | 19.00 -0.73 0.00 | 20.56 -0.51 0.00 | 22.23 -0.59 0.00 | 28.14 -1.08 0.00 | 28.24 -1.08 0.00 | 26.72 -0.77 0.00 | 24.01 -0.67 0.00 | 22.23 -0.52 0.00 | 21.21 -0.28 0.00 | 20.64 0.10 0.00 |
| WESTOVER___LESR 323668 | 19.97 0.30 0.00 | 18.75 0.28 0.00 | 17.01 0.32 0.00 | 16.66 0.33 0.00 | 18.00 0.37 0.00 | 18.72 0.42 0.00 | 18.36 0.45 0.00 | 19.25 0.11 0.00 | 19.32 0.06 0.00 | 19.50 0.17 0.00 | 20.49 0.32 0.00 | 20.57 0.32 0.00 | 20.38 0.34 0.00 | 20.26 0.32 0.00 | 19.99 0.26 0.00 | 21.44 0.38 0.00 | 23.35 0.52 0.00 | 29.80 0.58 0.00 | 29.91 0.59 0.00 | 28.10 0.60 0.00 | 25.22 0.54 0.00 | 23.30 0.55 0.00 | 21.94 0.45 0.00 | 21.07 0.53 0.00 |
| WETHRSFD_WT_PWR 323626 | 18.87 -0.81 0.00 | 17.70 -0.78 0.00 | 16.31 -0.38 0.00 | 16.02 -0.31 0.00 | 17.30 -0.34 0.00 | 18.15 -0.15 0.00 | 17.77 -0.14 0.00 | 17.80 -1.34 0.00 | 17.87 -1.39 0.00 | 18.11 -1.22 0.00 | 19.22 -0.95 0.00 | 19.27 -0.97 0.00 | 19.18 -0.86 0.00 | 19.01 -0.94 0.00 | 18.64 -1.09 0.00 | 20.22 -0.84 0.00 | 21.84 -0.98 0.00 | 27.55 -1.66 0.00 | 27.56 -1.76 0.00 | 26.12 -1.37 0.00 | 23.54 -1.13 0.00 | 21.82 -0.93 0.00 | 20.87 -0.62 0.00 | 20.35 -0.19 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.42 1.25 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.58 1.76 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.83 1.16 0.00 | 19.57 1.09 0.00 | 17.59 0.90 0.00 | 17.21 0.88 0.00 | 18.57 0.93 0.00 | 19.23 0.93 0.00 | 18.90 0.99 0.00 | 20.07 0.94 0.00 | 20.13 0.87 0.00 | 20.45 1.12 0.00 | 21.42 1.25 0.00 | 21.54 1.30 0.00 | 21.32 1.28 0.00 | 21.20 1.26 0.00 | 21.01 1.28 0.00 | 22.43 1.37 0.00 | 24.58 1.76 0.00 | 31.50 2.28 0.00 | 31.64 2.32 0.00 | 29.67 2.17 0.00 | 26.57 1.90 0.00 | 24.55 1.80 0.00 | 22.93 1.44 0.00 | 21.77 1.23 0.00 |

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| WHITEHAL_115KV_TB1 80871 | 20.72 1.04 0.00 | 19.49 1.02 0.00 | 17.64 0.95 0.00 | 17.23 0.90 0.00 | 18.62 0.99 0.00 | 19.32 1.02 0.00 | 18.97 1.06 0.00 | 20.17 1.03 0.00 | 20.32 1.06 0.00 | 20.51 1.18 0.00 | 21.54 1.37 0.00 | 21.62 1.38 0.00 | 21.34 1.30 0.00 | 21.14 1.20 0.00 | 20.97 1.24 0.00 | 22.54 1.47 0.00 | 24.81 1.99 0.00 | 31.85 2.63 0.00 | 31.87 2.55 0.00 | 29.83 2.34 0.00 | 26.80 2.12 0.00 | 24.62 1.87 0.00 | 22.98 1.48 0.00 | 21.85 1.31 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 20.97 1.30 0.00 | 19.68 1.20 0.00 | 17.71 1.02 0.00 | 17.33 1.00 0.00 | 18.69 1.06 0.00 | 19.38 1.08 0.00 | 19.02 1.11 0.00 | 20.17 1.03 0.00 | 20.24 0.98 0.00 | 20.59 1.26 0.00 | 21.60 1.43 0.00 | 21.72 1.48 0.00 | 21.48 1.44 0.00 | 21.34 1.40 0.00 | 21.17 1.44 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 31.79 2.57 0.00 | 31.96 2.64 0.00 | 29.97 2.47 0.00 | 26.82 2.15 0.00 | 24.78 2.02 0.00 | 23.15 1.66 0.00 | 21.95 1.42 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 23.42 1.97 -1.78 | 20.34 1.87 0.00 | 18.19 1.50 0.00 | 17.82 1.49 0.00 | 19.18 1.55 0.00 | 19.91 1.61 0.00 | 19.65 1.74 0.00 | 20.74 1.61 0.00 | 20.84 1.58 0.00 | 22.32 1.87 -1.12 | 22.15 1.98 0.00 | 22.23 1.96 -0.02 | 22.70 1.90 -0.76 | 21.86 1.91 0.00 | 21.84 1.95 -0.16 | 24.43 2.06 -1.31 | 32.25 2.60 -6.83 | 37.91 3.51 -5.18 | 39.64 3.40 -6.92 | 34.77 3.11 -4.17 | 30.57 2.66 -3.23 | 26.31 2.55 -1.01 | 24.65 2.11 -1.05 | 22.32 1.79 0.00 |
| WOODARD__115KV_TB2 355635 | 19.48 -0.20 0.00 | 18.27 -0.20 0.00 | 16.56 -0.13 0.00 | 16.20 -0.13 0.00 | 17.51 -0.12 0.00 | 18.20 -0.09 0.00 | 17.84 -0.07 0.00 | 18.79 -0.34 0.00 | 18.87 -0.39 0.00 | 19.04 -0.29 0.00 | 19.99 -0.18 0.00 | 20.04 -0.20 0.00 | 19.86 -0.18 0.00 | 19.73 -0.22 0.00 | 19.49 -0.24 0.00 | 20.89 -0.17 0.00 | 22.62 -0.21 0.00 | 28.87 -0.35 0.00 | 28.97 -0.35 0.00 | 27.22 -0.27 0.00 | 24.40 -0.27 0.00 | 22.50 -0.25 0.00 | 21.24 -0.26 0.00 | 20.33 -0.21 0.00 |
| YORK__WARBASSE 23770 | 21.20 1.51 -0.01 | 19.91 1.42 -0.01 | 17.88 1.19 0.00 | 17.47 1.14 0.00 | 18.87 1.23 0.00 | 19.50 1.21 0.00 | 19.13 1.22 0.00 | 20.25 1.11 0.00 | 20.11 0.85 0.00 | 20.57 1.24 0.00 | 21.58 1.41 0.00 | 21.70 1.46 0.00 | 21.54 1.50 0.00 | 21.44 1.50 0.00 | 21.25 1.52 0.00 | 22.62 1.56 0.00 | 24.81 1.99 0.00 | 32.44 2.54 -0.68 | 55.99 2.61 -24.06 | 83.89 2.45 -53.94 | 26.84 2.17 0.00 | 24.89 2.12 -0.02 | 23.32 1.81 -0.02 | 22.14 1.60 0.00 |