

Time Weighted/Integrated Real Time LBMP- Generator

| | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | | | | |
|-------------------------------|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Generator Data | | 02/09/2024 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | EST | 20.30 | 19.47 | 19.54 | 18.97 | 19.96 | 20.55 | 21.86 | 31.87 | 24.92 | 22.21 | 22.58 | 26.53 | 22.89 | 21.68 | 20.76 | 21.95 | 21.90 | 28.21 | 27.53 | 24.05 | 25.53 | 20.76 | 19.67 | 20.83 |
| | | 1.15 | 1.03 | 1.05 | 0.96 | 1.01 | 1.20 | 1.65 | 2.66 | 2.08 | 1.89 | 1.66 | 1.58 | 1.35 | 1.34 | 1.29 | 1.37 | 1.47 | 2.16 | 2.13 | 1.66 | 1.62 | 1.26 | 1.17 | 1.08 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | EST | 20.33 | 19.51 | 19.58 | 19.01 | 20.01 | 20.60 | 21.89 | 31.89 | 24.95 | 22.21 | 22.59 | 26.56 | 22.91 | 21.70 | 20.77 | 21.96 | 21.90 | 28.22 | 27.54 | 24.07 | 25.55 | 20.79 | 19.71 | 20.86 |
| | | 1.18 | 1.07 | 1.10 | 1.00 | 1.06 | 1.25 | 1.68 | 2.69 | 2.11 | 1.90 | 1.67 | 1.61 | 1.37 | 1.36 | 1.30 | 1.38 | 1.48 | 2.16 | 2.14 | 1.68 | 1.64 | 1.29 | 1.20 | 1.11 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 24261 | EST | 20.33 | 19.51 | 19.58 | 19.01 | 20.01 | 20.60 | 21.89 | 31.89 | 24.95 | 22.21 | 22.59 | 26.56 | 22.91 | 21.70 | 20.77 | 21.96 | 21.90 | 28.22 | 27.54 | 24.07 | 25.55 | 20.79 | 19.71 | 20.86 |
| | | 1.18 | 1.07 | 1.10 | 1.00 | 1.06 | 1.25 | 1.68 | 2.69 | 2.11 | 1.90 | 1.67 | 1.61 | 1.37 | 1.36 | 1.30 | 1.38 | 1.48 | 2.16 | 2.14 | 1.68 | 1.64 | 1.29 | 1.20 | 1.11 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS 24011 | EST | 20.10 | 19.30 | 19.37 | 18.90 | 19.92 | 20.44 | 21.68 | 31.48 | 24.57 | 21.65 | 21.97 | 26.14 | 22.41 | 21.15 | 20.36 | 21.59 | 21.68 | 27.98 | 27.25 | 23.88 | 25.34 | 20.59 | 19.48 | 20.67 |
| | | 0.95 | 0.87 | 0.88 | 0.88 | 0.97 | 1.08 | 1.47 | 2.27 | 1.73 | 1.33 | 1.05 | 1.19 | 0.87 | 0.81 | 0.89 | 1.01 | 1.26 | 1.93 | 1.85 | 1.49 | 1.43 | 1.09 | 0.97 | 0.91 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | EST | 20.14 | 19.33 | 19.41 | 18.94 | 19.98 | 20.51 | 21.82 | 31.72 | 24.76 | 21.80 | 22.08 | 26.23 | 22.47 | 21.20 | 20.46 | 21.69 | 21.85 | 28.21 | 27.48 | 24.06 | 25.48 | 20.68 | 19.53 | 20.71 |
| | | 0.99 | 0.90 | 0.92 | 0.92 | 1.03 | 1.16 | 1.61 | 2.51 | 1.93 | 1.49 | 1.16 | 1.28 | 0.93 | 0.86 | 0.98 | 1.11 | 1.42 | 2.16 | 2.08 | 1.67 | 1.57 | 1.18 | 1.02 | 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 |
| ADK S GLENS___FALLS 24028 | EST | 20.10 | 19.30 | 19.37 | 18.90 | 19.92 | 20.44 | 21.68 | 31.48 | 24.57 | 21.65 | 21.97 | 26.14 | 22.41 | 21.15 | 20.36 | 21.59 | 21.68 | 27.98 | 27.25 | 23.88 | 25.34 | 20.59 | 19.48 | 20.67 |
| | | 0.95 | 0.87 | 0.88 | 0.88 | 0.97 | 1.08 | 1.47 | 2.27 | 1.73 | 1.33 | 1.05 | 1.19 | 0.87 | 0.81 | 0.89 | 1.01 | 1.26 | 1.93 | 1.85 | 1.49 | 1.43 | 1.09 | 0.97 | 0.91 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | EST | 20.27 | 19.49 | 19.57 | 19.08 | 20.10 | 20.51 | 21.69 | 31.44 | 24.59 | 21.81 | 22.25 | 26.44 | 22.65 | 21.31 | 20.46 | 21.66 | 21.50 | 27.71 | 27.01 | 23.67 | 25.32 | 20.65 | 19.56 | 20.77 |
| | | 1.13 | 1.06 | 1.08 | 1.07 | 1.15 | 1.16 | 1.48 | 2.24 | 1.75 | 1.49 | 1.33 | 1.49 | 1.11 | 0.97 | 0.99 | 1.08 | 1.07 | 1.66 | 1.60 | 1.27 | 1.41 | 1.15 | 1.05 | 1.02 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP 24190 | EST | 19.67 | 18.94 | 18.99 | 18.54 | 19.47 | 19.91 | 20.90 | 29.99 | 23.49 | 20.85 | 21.24 | 25.21 | 21.68 | 20.45 | 19.60 | 20.75 | 20.74 | 26.67 | 25.98 | 22.78 | 24.28 | 19.84 | 18.98 | 20.32 |
| | | 0.52 | 0.51 | 0.50 | 0.53 | 0.52 | 0.56 | 0.69 | 0.79 | 0.65 | 0.54 | 0.31 | 0.25 | 0.14 | 0.11 | 0.12 | 0.16 | 0.31 | 0.61 | 0.57 | 0.39 | 0.37 | 0.34 | 0.47 | 0.57 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK 355683 | EST | 19.09 | 18.44 | 18.49 | 18.03 | 18.94 | 19.24 | 19.95 | 28.75 | 22.57 | 20.13 | 20.88 | 25.13 | 21.73 | 20.47 | 19.63 | 20.72 | 20.42 | 25.80 | 25.11 | 22.28 | 23.92 | 19.49 | 18.45 | 19.74 |
| | | -0.06 | 0.00 | 0.00 | 0.02 | -0.01 | -0.11 | -0.26 | -0.45 | -0.27 | -0.19 | -0.04 | 0.17 | 0.18 | 0.13 | 0.16 | 0.14 | -0.01 | -0.25 | -0.30 | -0.12 | 0.01 | -0.02 | -0.06 | -0.02 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR 323833 | EST | 19.99 | 19.25 | 19.30 | 18.84 | 19.80 | 20.26 | 21.29 | 30.66 | 23.95 | 21.11 | 21.46 | 25.62 | 21.92 | 20.66 | 19.80 | 21.06 | 21.16 | 27.21 | 26.51 | 23.26 | 24.78 | 20.24 | 19.29 | 20.62 |
| | | 0.85 | 0.81 | 0.81 | 0.83 | 0.85 | 0.90 | 1.07 | 1.46 | 1.12 | 0.79 | 0.54 | 0.66 | 0.38 | 0.32 | 0.33 | 0.47 | 0.74 | 1.16 | 1.11 | 0.87 | 0.87 | 0.74 | 0.77 | 0.86 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | EST | 19.99 | 19.24 | 19.30 | 18.83 | 19.79 | 20.25 | 21.28 | 30.65 | 23.94 | 21.10 | 21.45 | 25.61 | 21.92 | 20.66 | 19.80 | 21.06 | 21.16 | 27.21 | 26.51 | 23.25 | 24.77 | 20.24 | 19.28 | 20.61 |
| | | 0.84 | 0.81 | 0.81 | 0.82 | 0.85 | 0.90 | 1.07 | 1.45 | 1.11 | 0.79 | 0.53 | 0.66 | 0.37 | 0.32 | 0.33 | 0.47 | 0.73 | 1.16 | 1.10 | 0.86 | 0.86 | 0.74 | 0.77 | 0.86 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | EST | 19.67 | 18.94 | 18.99 | 18.54 | 19.47 | 19.91 | 20.90 | 29.99 | 23.49 | 20.85 | 21.24 | 25.21 | 21.68 | 20.45 | 19.60 | 20.75 | 20.74 | 26.67 | 25.98 | 22.78 | 24.28 | 19.84 | 18.98 | 20.32 |
| | | 0.52 | 0.51 | 0.50 | 0.53 | 0.52 | 0.56 | 0.69 | 0.79 | 0.65 | 0.54 | 0.31 | 0.25 | 0.14 | 0.11 | 0.12 | 0.16 | 0.31 | 0.61 | 0.57 | 0.39 | 0.37 | 0.34 | 0.47 | 0.57 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 19.67 0.52 0.00 | 18.94 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.52 0.00 | 19.91 0.56 0.00 | 20.90 0.69 0.00 | 29.99 0.79 0.00 | 23.49 0.65 0.00 | 20.85 0.54 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.12 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.98 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| ALBANY___3 23573 | 19.67 0.52 0.00 | 18.94 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.52 0.00 | 19.91 0.56 0.00 | 20.90 0.69 0.00 | 29.99 0.79 0.00 | 23.49 0.65 0.00 | 20.85 0.54 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.12 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.98 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| ALBANY___4 23574 | 19.67 0.52 0.00 | 18.94 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.52 0.00 | 19.91 0.56 0.00 | 20.90 0.69 0.00 | 29.99 0.79 0.00 | 23.49 0.65 0.00 | 20.85 0.54 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.12 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.98 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| ALBANY___LFGE 323615 | 19.81 0.66 0.00 | 19.07 0.63 0.00 | 19.11 0.63 0.00 | 18.66 0.64 0.00 | 19.60 0.66 0.00 | 20.05 0.70 0.00 | 21.08 0.87 0.00 | 30.33 1.12 0.00 | 23.74 0.91 0.00 | 21.05 0.73 0.00 | 21.45 0.53 0.00 | 25.48 0.53 0.00 | 21.91 0.37 0.00 | 20.67 0.33 0.00 | 19.80 0.33 0.00 | 20.97 0.39 0.00 | 20.96 0.54 0.00 | 26.95 0.90 0.00 | 26.25 0.85 0.00 | 23.02 0.62 0.00 | 24.52 0.61 0.00 | 20.04 0.54 0.00 | 19.12 0.61 0.00 | 20.45 0.69 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 19.12 -0.03 0.00 | 18.53 0.09 0.00 | 18.57 0.08 0.00 | 18.11 0.10 0.00 | 19.03 0.09 0.00 | 19.29 -0.06 0.00 | 20.00 -0.21 0.00 | 28.84 -0.36 0.00 | 22.66 -0.18 0.00 | 20.21 -0.11 0.00 | 20.96 0.04 0.00 | 25.22 0.27 0.00 | 21.78 0.24 0.00 | 20.50 0.16 0.00 | 19.68 0.20 0.00 | 20.77 0.19 0.00 | 20.48 0.06 0.00 | 25.88 -0.18 0.00 | 25.17 -0.23 0.00 | 22.33 -0.07 0.00 | 23.97 0.06 0.00 | 19.52 0.02 0.00 | 18.58 -0.01 0.00 | 20.28 0.09 -0.43 |
| ALCOA_RYNLDS___DRP 24188 | 19.12 -0.03 0.00 | 18.53 0.09 0.00 | 18.57 0.08 0.00 | 18.11 0.10 0.00 | 19.03 0.09 0.00 | 19.29 -0.06 0.00 | 20.00 -0.21 0.00 | 28.84 -0.36 0.00 | 22.66 -0.18 0.00 | 20.21 -0.11 0.00 | 20.96 0.04 0.00 | 25.22 0.27 0.00 | 21.78 0.24 0.00 | 20.50 0.16 0.00 | 19.68 0.20 0.00 | 20.77 0.19 0.00 | 20.48 0.06 0.00 | 25.88 -0.18 0.00 | 25.17 -0.23 0.00 | 22.33 -0.07 0.00 | 23.97 0.06 0.00 | 19.52 0.02 0.00 | 18.58 -0.01 0.00 | 20.28 0.09 -0.43 |
| ALCOA___DSASP 323711 | 19.12 -0.03 0.00 | 18.53 0.09 0.00 | 18.57 0.08 0.00 | 18.12 0.10 0.00 | 19.03 0.09 0.00 | 19.29 -0.06 0.00 | 20.00 -0.21 0.00 | 28.84 -0.36 0.00 | 22.66 -0.17 0.00 | 20.21 -0.11 0.00 | 20.96 0.04 0.00 | 25.22 0.27 0.00 | 21.78 0.24 0.00 | 20.50 0.16 0.00 | 19.68 0.20 0.00 | 20.77 0.19 0.00 | 20.48 0.06 0.00 | 25.88 -0.18 0.00 | 25.17 -0.23 0.00 | 22.33 -0.07 0.00 | 23.97 0.06 0.00 | 19.52 0.02 0.00 | 18.58 -0.01 0.00 | 20.27 0.09 -0.43 |
| ALLEGHENY___COGEN 23514 | 9.49 -1.19 8.47 | 10.33 -1.08 7.02 | 9.72 -1.08 7.69 | 15.08 -1.10 1.83 | 17.53 -1.03 0.38 | 17.66 -0.92 0.77 | 19.42 -0.78 0.00 | 25.84 -1.11 2.25 | 21.07 -1.05 0.72 | 19.18 -1.13 0.00 | 19.90 -1.02 0.00 | 23.71 -1.24 0.00 | 20.10 -1.45 0.00 | 18.86 -1.48 0.00 | 17.91 -1.56 0.00 | 19.14 -1.44 0.00 | 19.29 -1.14 0.00 | 25.28 -0.78 0.00 | 24.83 -0.57 0.00 | 21.70 -0.69 0.00 | 22.67 -1.25 0.00 | 18.34 -1.16 0.00 | 17.12 -1.11 0.28 | 18.66 -1.10 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 19.73 0.58 0.00 | 18.98 0.55 0.00 | 19.04 0.55 0.00 | 18.57 0.55 0.00 | 19.52 0.58 0.00 | 19.98 0.63 0.00 | 21.01 0.80 0.00 | 30.35 1.14 0.00 | 23.72 0.89 0.00 | 21.05 0.73 0.00 | 21.49 0.57 0.00 | 25.53 0.58 0.00 | 21.98 0.43 0.00 | 20.74 0.40 0.00 | 19.86 0.39 0.00 | 21.02 0.44 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.28 0.87 0.00 | 23.06 0.66 0.00 | 24.56 0.65 0.00 | 20.04 0.54 0.00 | 19.05 0.54 0.00 | 20.32 0.56 0.00 |
| ALTONA_WT_PWR 323606 | 18.96 -0.19 0.00 | 18.23 -0.21 0.00 | 18.22 -0.27 0.00 | 17.89 -0.12 0.00 | 18.96 0.01 0.00 | 19.24 -0.11 0.00 | 19.96 -0.25 0.00 | 28.60 -0.60 0.00 | 22.58 -0.25 0.00 | 20.15 -0.17 0.00 | 20.76 -0.16 0.00 | 25.21 0.26 0.00 | 21.86 0.32 0.00 | 20.43 0.10 0.00 | 19.88 0.41 0.00 | 21.05 0.46 0.00 | 20.68 0.25 0.00 | 25.96 -0.09 0.00 | 25.05 -0.35 0.00 | 21.95 -0.44 0.00 | 23.60 -0.31 0.00 | 19.09 -0.41 0.00 | 15.08 -0.59 2.84 | 3.34 -0.27 16.16 |
| AMERICAN_REF_FUEL 24010 | 13.40 -1.97 3.78 | 13.26 -2.05 3.13 | 13.04 -2.01 3.44 | 15.13 -2.07 0.82 | 13.67 -2.18 3.10 | 11.11 -1.94 6.30 | 18.06 -2.12 0.04 | 7.45 -3.34 18.41 | 14.18 -2.75 5.91 | 17.99 -2.31 0.02 | 18.48 -2.44 0.00 | 22.20 -2.75 0.00 | 19.32 -2.22 0.00 | 18.21 -2.13 0.00 | 17.17 -2.30 0.00 | 18.14 -2.45 0.00 | 18.23 -2.19 0.00 | 23.33 -2.72 0.00 | 22.83 -2.57 0.00 | 19.97 -2.42 0.00 | 20.99 -2.92 0.00 | 17.11 -2.39 0.00 | 16.17 -2.23 0.11 | 17.49 -2.26 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 12.24 -1.90 5.01 | 12.25 -2.03 4.15 | 12.07 -1.86 4.56 | 15.06 -1.87 1.08 | 14.04 -2.03 2.88 | 11.84 -1.68 5.84 | 18.64 -1.54 0.03 | 9.63 -2.49 17.09 | 15.31 -2.05 5.48 | 18.66 -1.64 0.02 | 19.10 -1.82 0.00 | 23.04 -1.92 0.00 | 20.01 -1.53 0.00 | 19.00 -1.34 0.00 | 17.83 -1.64 0.00 | 18.73 -1.85 0.00 | 19.00 -1.42 0.00 | 24.07 -1.98 0.00 | 23.54 -1.86 0.00 | 20.36 -2.03 0.00 | 21.27 -2.64 0.00 | 17.20 -2.30 0.00 | 16.20 -2.17 0.14 | 17.75 -2.01 0.00 |
| ARTHUR KILL_GT_1 23520 | 20.26 1.12 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.94 0.92 0.00 | 19.93 0.99 0.00 | 20.51 1.16 0.00 | 21.80 1.59 0.00 | 31.72 2.51 0.00 | 24.80 1.96 0.00 | 22.13 1.81 0.00 | 22.49 1.56 0.00 | 26.40 1.45 0.00 | 22.77 1.23 0.00 | 21.56 1.22 0.00 | 20.67 1.20 0.00 | 21.79 1.21 0.00 | 21.76 1.33 0.00 | 28.02 1.97 0.00 | 27.36 1.95 0.00 | 23.92 1.52 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.71 0.96 0.00 |
| ARTHUR_KILL_2 23512 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.45 0.97 0.00 | 18.89 0.87 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.73 1.52 0.00 | 31.62 2.41 0.00 | 24.73 1.89 0.00 | 22.07 1.75 0.00 | 22.43 1.51 0.00 | 26.34 1.39 0.00 | 22.72 1.18 0.00 | 21.51 1.17 0.00 | 20.62 1.14 0.00 | 21.74 1.16 0.00 | 21.70 1.27 0.00 | 27.94 1.89 0.00 | 27.28 1.88 0.00 | 23.85 1.45 0.00 | 25.29 1.38 0.00 | 20.59 1.09 0.00 | 19.53 1.02 0.00 | 20.66 0.91 0.00 |
| ARTHUR_KILL_3 23513 | 20.15 1.01 0.00 | 19.34 0.91 0.00 | 19.41 0.93 0.00 | 18.84 0.83 0.00 | 19.82 0.88 0.00 | 20.40 1.05 0.00 | 21.67 1.46 0.00 | 31.57 2.37 0.00 | 24.68 1.85 0.00 | 21.98 1.66 0.00 | 22.35 1.43 0.00 | 26.26 1.30 0.00 | 22.65 1.11 0.00 | 21.45 1.11 0.00 | 20.56 1.09 0.00 | 21.73 1.15 0.00 | 21.67 1.24 0.00 | 27.90 1.85 0.00 | 27.24 1.84 0.00 | 23.82 1.43 0.00 | 25.31 1.40 0.00 | 20.60 1.10 0.00 | 19.53 1.02 0.00 | 20.69 0.93 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 20.26 1.12 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.94 0.92 0.00 | 19.93 0.99 0.00 | 20.51 1.16 0.00 | 21.80 1.59 0.00 | 31.72 2.51 0.00 | 24.80 1.96 0.00 | 22.13 1.81 0.00 | 22.49 1.56 0.00 | 26.40 1.45 0.00 | 22.77 1.23 0.00 | 21.56 1.22 0.00 | 20.67 1.20 0.00 | 21.79 1.21 0.00 | 21.76 1.33 0.00 | 28.02 1.97 0.00 | 27.36 1.95 0.00 | 23.92 1.52 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.71 0.96 0.00 |
| ASHOKAN____ 23654 | 20.40 1.25 0.00 | 19.60 1.16 0.00 | 19.65 1.16 0.00 | 19.16 1.15 0.00 | 20.16 1.22 0.00 | 20.70 1.35 0.00 | 21.86 1.65 0.00 | 31.62 2.42 0.00 | 24.62 1.78 0.00 | 21.83 1.51 0.00 | 21.92 1.00 0.00 | 26.12 1.17 0.00 | 22.31 0.77 0.00 | 21.10 0.77 0.00 | 20.15 0.68 0.00 | 21.36 0.77 0.00 | 21.46 1.04 0.00 | 27.79 1.73 0.00 | 27.13 1.72 0.00 | 23.76 1.37 0.00 | 25.23 1.32 0.00 | 20.55 1.05 0.00 | 19.53 1.01 0.00 | 20.78 1.02 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 20.23 1.08 0.00 | 19.40 0.97 0.00 | 19.46 0.97 0.00 | 18.88 0.87 0.00 | 19.89 0.94 0.00 | 20.48 1.13 0.00 | 21.80 1.58 0.00 | 31.78 2.58 0.00 | 24.84 2.00 0.00 | 22.05 1.73 0.00 | 22.43 1.51 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.53 1.19 0.00 | 20.62 1.15 0.00 | 21.78 1.20 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.31 1.91 0.00 | 23.89 1.50 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.62 1.10 0.00 | 20.71 0.96 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 20.23 1.08 0.00 | 19.40 0.97 0.00 | 19.46 0.97 0.00 | 18.88 0.87 0.00 | 19.89 0.94 0.00 | 20.48 1.13 0.00 | 21.80 1.58 0.00 | 31.78 2.58 0.00 | 24.84 2.00 0.00 | 22.05 1.73 0.00 | 22.43 1.51 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.53 1.19 0.00 | 20.62 1.15 0.00 | 21.78 1.20 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.31 1.91 0.00 | 23.89 1.50 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.62 1.10 0.00 | 20.71 0.96 0.00 |
| ASTORIA_GT2_1 24094 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT2_2 24095 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT2_3 24096 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT2_4 24097 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT3_1 24098 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT3_2 24099 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT3_3 24100 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT3_4 24101 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT4_1 24102 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT4_2 24103 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT4_3 24104 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |

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| ASTORIA_GT4_4 24105 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.88 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.56 0.00 | 24.84 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.63 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.39 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA_GT_1 23523 | 20.27 1.12 0.00 | 19.44 1.00 0.00 | 19.49 1.00 0.00 | 18.91 0.90 0.00 | 19.92 0.98 0.00 | 20.52 1.17 0.00 | 21.84 1.63 0.00 | 31.84 2.64 0.00 | 24.89 2.05 0.00 | 22.10 1.79 0.00 | 22.49 1.57 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.57 1.24 0.00 | 20.67 1.20 0.00 | 21.83 1.25 0.00 | 21.79 1.37 0.00 | 28.06 2.00 0.00 | 27.38 1.98 0.00 | 23.95 1.56 0.00 | 25.44 1.53 0.00 | 20.72 1.22 0.00 | 19.65 1.14 0.00 | 20.75 1.00 0.00 |
| ASTORIA_GT_10 24110 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.23 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA_GT_11 24225 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.23 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA_GT_12 24226 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.23 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA_GT_13 24227 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.23 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA_GT_5 24106 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.49 1.00 0.00 | 18.91 0.90 0.00 | 19.92 0.97 0.00 | 20.52 1.17 0.00 | 21.84 1.62 0.00 | 31.82 2.62 0.00 | 24.89 2.05 0.00 | 22.10 1.79 0.00 | 22.49 1.57 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.58 1.24 0.00 | 20.67 1.19 0.00 | 21.83 1.25 0.00 | 21.79 1.37 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.95 1.56 0.00 | 25.44 1.53 0.00 | 20.72 1.22 0.00 | 19.65 1.14 0.00 | 20.75 1.00 0.00 |
| ASTORIA_GT_7 24107 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.49 1.00 0.00 | 18.91 0.90 0.00 | 19.92 0.97 0.00 | 20.52 1.17 0.00 | 21.84 1.62 0.00 | 31.82 2.62 0.00 | 24.89 2.05 0.00 | 22.10 1.79 0.00 | 22.49 1.57 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.58 1.24 0.00 | 20.67 1.19 0.00 | 21.83 1.25 0.00 | 21.79 1.37 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.95 1.56 0.00 | 25.44 1.53 0.00 | 20.72 1.22 0.00 | 19.65 1.14 0.00 | 20.75 1.00 0.00 |
| ASTORIA_GT_8 24108 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.49 1.00 0.00 | 18.91 0.90 0.00 | 19.92 0.97 0.00 | 20.52 1.17 0.00 | 21.84 1.62 0.00 | 31.82 2.62 0.00 | 24.89 2.05 0.00 | 22.10 1.79 0.00 | 22.49 1.57 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.58 1.24 0.00 | 20.67 1.19 0.00 | 21.83 1.25 0.00 | 21.79 1.37 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.95 1.56 0.00 | 25.44 1.53 0.00 | 20.72 1.22 0.00 | 19.65 1.14 0.00 | 20.75 1.00 0.00 |
| ASTORIA___2 24149 | 20.23 1.09 0.00 | 19.42 0.98 0.00 | 19.46 0.98 0.00 | 18.89 0.87 0.00 | 19.89 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.79 2.58 0.00 | 24.85 2.01 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.35 1.40 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.16 0.00 | 21.79 1.21 0.00 | 21.75 1.33 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.91 1.51 0.00 | 25.40 1.49 0.00 | 20.68 1.18 0.00 | 19.62 1.11 0.00 | 20.72 0.97 0.00 |
| ASTORIA___3 23516 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.95 0.00 | 20.49 1.13 0.00 | 21.78 1.56 0.00 | 31.73 2.53 0.00 | 24.81 1.97 0.00 | 22.08 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.22 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA___4 23517 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.23 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| ASTORIA___5 23518 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.95 0.00 | 20.49 1.13 0.00 | 21.78 1.56 0.00 | 31.73 2.53 0.00 | 24.81 1.97 0.00 | 22.08 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.22 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| AST_ENERGY_2_CC3 323677 | 20.18 1.03 0.00 | 19.37 0.93 0.00 | 19.44 0.96 0.00 | 18.88 0.87 0.00 | 19.86 0.92 0.00 | 20.44 1.09 0.00 | 21.71 1.50 0.00 | 31.66 2.46 0.00 | 24.75 1.92 0.00 | 22.04 1.72 0.00 | 22.41 1.49 0.00 | 26.32 1.36 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.60 1.12 0.00 | 21.77 1.19 0.00 | 21.71 1.28 0.00 | 27.96 1.91 0.00 | 27.29 1.89 0.00 | 23.86 1.47 0.00 | 25.34 1.43 0.00 | 20.63 1.13 0.00 | 19.56 1.05 0.00 | 20.71 0.95 0.00 |
| AST_ENERGY_2_CC4 323678 | 20.18 1.03 0.00 | 19.37 0.93 0.00 | 19.44 0.96 0.00 | 18.88 0.87 0.00 | 19.86 0.92 0.00 | 20.44 1.09 0.00 | 21.71 1.50 0.00 | 31.66 2.46 0.00 | 24.75 1.92 0.00 | 22.04 1.72 0.00 | 22.41 1.49 0.00 | 26.32 1.36 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.60 1.12 0.00 | 21.77 1.19 0.00 | 21.71 1.28 0.00 | 27.96 1.91 0.00 | 27.29 1.89 0.00 | 23.86 1.47 0.00 | 25.34 1.43 0.00 | 20.63 1.13 0.00 | 19.56 1.05 0.00 | 20.71 0.95 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| ATHENS_STG_1 23668 | 19.83 0.69 0.00 | 19.07 0.63 0.00 | 19.13 0.65 0.00 | 18.64 0.63 0.00 | 19.61 0.66 0.00 | 20.10 0.75 0.00 | 21.17 0.95 0.00 | 30.68 1.48 0.00 | 23.98 1.14 0.00 | 21.29 0.98 0.00 | 21.73 0.81 0.00 | 25.73 0.78 0.00 | 22.17 0.63 0.00 | 20.94 0.60 0.00 | 20.05 0.58 0.00 | 21.22 0.64 0.00 | 21.17 0.74 0.00 | 27.22 1.16 0.00 | 26.55 1.15 0.00 | 23.28 0.88 0.00 | 24.76 0.86 0.00 | 20.18 0.68 0.00 | 19.16 0.65 0.00 | 20.38 0.63 0.00 |
| ATHENS_STG_2 23670 | 19.83 0.69 0.00 | 19.07 0.63 0.00 | 19.13 0.65 0.00 | 18.64 0.63 0.00 | 19.61 0.66 0.00 | 20.10 0.75 0.00 | 21.17 0.95 0.00 | 30.68 1.48 0.00 | 23.98 1.14 0.00 | 21.29 0.98 0.00 | 21.73 0.81 0.00 | 25.73 0.78 0.00 | 22.17 0.63 0.00 | 20.94 0.60 0.00 | 20.05 0.58 0.00 | 21.22 0.64 0.00 | 21.17 0.74 0.00 | 27.22 1.16 0.00 | 26.55 1.15 0.00 | 23.28 0.88 0.00 | 24.76 0.86 0.00 | 20.18 0.68 0.00 | 19.16 0.65 0.00 | 20.38 0.63 0.00 |
| ATHENS_STG_3 23677 | 19.83 0.69 0.00 | 19.07 0.63 0.00 | 19.13 0.65 0.00 | 18.64 0.63 0.00 | 19.61 0.66 0.00 | 20.10 0.75 0.00 | 21.17 0.95 0.00 | 30.68 1.48 0.00 | 23.98 1.14 0.00 | 21.29 0.98 0.00 | 21.73 0.81 0.00 | 25.73 0.78 0.00 | 22.17 0.63 0.00 | 20.94 0.60 0.00 | 20.05 0.58 0.00 | 21.22 0.64 0.00 | 21.17 0.74 0.00 | 27.22 1.16 0.00 | 26.55 1.15 0.00 | 23.28 0.88 0.00 | 24.76 0.86 0.00 | 20.18 0.68 0.00 | 19.16 0.65 0.00 | 20.38 0.63 0.00 |
| AUBURN___LFGE 323710 | 19.89 -0.40 -1.15 | 18.97 -0.42 -0.95 | 19.14 -0.36 -1.02 | 17.90 -0.36 -0.25 | 18.58 -0.36 0.00 | 19.10 -0.25 0.00 | 19.98 -0.23 0.00 | 29.03 -0.17 0.00 | 22.54 -0.30 0.00 | 20.04 -0.28 0.00 | 20.58 -0.34 0.00 | 24.48 -0.47 0.00 | 21.07 -0.47 0.00 | 19.95 -0.39 0.00 | 19.11 -0.36 0.00 | 20.17 -0.41 0.00 | 20.20 -0.22 0.00 | 25.91 -0.15 0.00 | 25.31 -0.09 0.00 | 22.21 -0.18 0.00 | 23.54 -0.37 0.00 | 19.15 -0.35 0.00 | 18.23 -0.32 -0.04 | 19.45 -0.31 0.00 |
| BABYLON_RES_REC 323704 | 20.68 1.54 0.00 | 19.83 1.39 0.00 | 19.87 1.39 0.00 | 19.29 1.27 0.00 | 20.28 1.33 0.00 | 20.88 1.53 0.00 | 34.27 1.88 -12.18 | 70.00 2.92 -37.87 | 57.70 2.24 -32.62 | 23.10 1.93 -0.85 | 70.16 1.73 -47.51 | 26.48 1.53 0.00 | 22.77 1.23 0.00 | 36.38 1.29 -14.75 | 33.29 1.29 -12.52 | 33.22 1.42 -11.22 | 70.32 1.58 -48.32 | 54.80 2.29 -26.46 | 33.90 2.31 -6.19 | 24.28 1.88 0.00 | 25.87 1.96 0.00 | 21.46 1.61 -0.35 | 20.15 1.46 -0.18 | 21.24 1.43 -0.06 |
| BABYLON___69_KV_BK2 356345 | 20.89 1.75 0.00 | 20.04 1.60 0.00 | 20.08 1.60 0.00 | 19.49 1.48 0.00 | 20.48 1.54 0.00 | 21.09 1.74 0.00 | 34.50 2.11 -12.18 | 70.32 3.25 -37.87 | 57.95 2.49 -32.62 | 23.32 2.15 -0.85 | 70.37 1.94 -47.51 | 26.75 1.79 0.00 | 22.97 1.43 0.00 | 36.58 1.49 -14.75 | 33.47 1.48 -12.52 | 33.43 1.62 -11.22 | 70.53 1.79 -48.32 | 55.09 2.58 -26.46 | 34.17 2.58 -6.19 | 24.55 2.15 0.00 | 26.16 2.26 0.00 | 21.71 1.86 -0.35 | 20.37 1.68 -0.18 | 21.46 1.65 -0.06 |
| BALL_HILL_WT_PWR 323825 | 13.06 -1.63 4.46 | 13.05 -1.69 3.69 | 12.77 -1.66 4.06 | 15.37 -1.68 0.96 | 14.16 -1.71 3.07 | 11.70 -1.42 6.23 | 18.77 -1.41 0.04 | 8.81 -2.16 18.24 | 15.20 -1.79 5.85 | 18.84 -1.46 0.02 | 19.30 -1.63 0.00 | 23.20 -1.75 0.00 | 20.10 -1.44 0.00 | 19.00 -1.34 0.00 | 17.92 -1.55 0.00 | 18.93 -1.65 0.00 | 19.05 -1.37 0.00 | 24.19 -1.86 0.00 | 23.70 -1.71 0.00 | 20.63 -1.77 0.00 | 21.61 -2.30 0.00 | 17.52 -1.98 0.00 | 16.53 -1.86 0.12 | 17.91 -1.84 0.00 |
| BARON_WINDS___WT_PWR 323822 | 5.72 -1.50 11.93 | 7.29 -1.26 9.89 | 6.40 -1.26 10.83 | 14.21 -1.24 2.57 | 17.10 -1.15 0.70 | 16.77 -1.17 1.41 | 19.21 -1.00 0.01 | 23.76 -1.32 4.13 | 20.55 -0.96 1.32 | 19.42 -0.89 0.00 | 19.86 -1.07 0.00 | 23.75 -1.21 0.00 | 20.45 -1.09 0.00 | 19.45 -0.88 0.00 | 18.49 -0.98 0.00 | 19.76 -0.82 0.00 | 19.76 -0.67 0.00 | 25.41 -0.64 0.00 | 24.76 -0.64 0.00 | 21.58 -0.81 0.00 | 22.49 -1.42 0.00 | 18.15 -1.35 0.00 | 16.86 -1.23 0.42 | 18.55 -1.21 0.00 |
| BARRETT_IC_1 23704 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_10 23701 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_11 23702 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_12 23703 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_2 23705 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_3 23706 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_4 23707 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_6 23709 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_7 23710 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.65 1.30 0.00 | 33.99 1.60 -12.18 | 69.51 2.43 -37.87 | 57.36 1.90 -32.62 | 22.89 1.73 -0.85 | 69.95 1.52 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.19 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_8 23711 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT_IC_9 23700 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT___1 23545 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BARRETT___2 23546 | 20.44 1.29 0.00 | 19.63 1.19 0.00 | 19.67 1.18 0.00 | 19.09 1.08 0.00 | 20.09 1.15 0.00 | 20.66 1.30 0.00 | 33.99 1.60 -12.18 | 69.52 2.44 -37.87 | 57.36 1.91 -32.62 | 22.89 1.73 -0.85 | 69.96 1.53 -47.51 | 26.35 1.40 0.00 | 22.72 1.18 0.00 | 36.30 1.22 -14.75 | 33.18 1.18 -12.52 | 33.07 1.26 -11.22 | 70.07 1.33 -48.32 | 54.42 1.91 -26.46 | 33.49 1.90 -6.19 | 23.94 1.55 0.00 | 25.50 1.59 0.00 | 21.16 1.32 -0.35 | 19.91 1.22 -0.18 | 21.04 1.23 -0.06 |
| BATAVIA__115KV_TB1 55881 | 14.65 -1.14 3.36 | 14.40 -1.26 2.78 | 14.20 -1.23 3.05 | 15.99 -1.30 0.72 | 15.72 -1.32 1.90 | 14.46 -1.03 3.86 | 19.09 -1.10 0.02 | 16.24 -1.67 11.28 | 17.67 -1.55 3.62 | 18.98 -1.33 0.01 | 19.54 -1.39 0.00 | 23.32 -1.64 0.00 | 20.30 -1.24 0.00 | 19.11 -1.23 0.00 | 18.05 -1.42 0.00 | 19.12 -1.46 0.00 | 19.16 -1.27 0.00 | 24.65 -1.41 0.00 | 24.11 -1.30 0.00 | 21.07 -1.33 0.00 | 22.14 -1.78 0.00 | 18.02 -1.48 0.00 | 17.01 -1.40 0.10 | 18.33 -1.42 0.00 |
| BAYONEEC___CTG1 323682 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG10 323750 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG2 323683 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG3 323684 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG4 323685 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG5 323686 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG6 323687 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG7 323688 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG8 323689 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BAYONEEC___CTG9 323749 | 20.20 1.06 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.89 0.88 0.00 | 19.88 0.94 0.00 | 20.46 1.11 0.00 | 21.74 1.52 0.00 | 31.67 2.47 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 27.99 1.94 0.00 | 27.32 1.92 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.97 0.00 |
| BEACON___LESR 323632 | 19.97 0.82 0.00 | 19.20 0.77 0.00 | 19.22 0.74 0.00 | 18.77 0.76 0.00 | 19.71 0.77 0.00 | 20.21 0.85 0.00 | 21.29 1.08 0.00 | 30.63 1.42 0.00 | 23.97 1.13 0.00 | 21.21 0.89 0.00 | 21.60 0.68 0.00 | 25.62 0.66 0.00 | 21.99 0.44 0.00 | 20.76 0.42 0.00 | 19.90 0.42 0.00 | 21.09 0.50 0.00 | 21.09 0.66 0.00 | 27.18 1.12 0.00 | 26.46 1.06 0.00 | 23.22 0.83 0.00 | 24.74 0.82 0.00 | 20.18 0.68 0.00 | 19.25 0.74 0.00 | 20.59 0.83 0.00 |
| BEAVER RIVER___HYD 24048 | 18.28 -0.86 0.00 | 17.77 -0.67 0.00 | 17.69 -0.80 0.00 | 17.29 -0.72 0.00 | 18.27 -0.68 0.00 | 18.64 -0.71 0.00 | 19.57 -0.64 0.00 | 28.38 -0.83 0.00 | 22.23 -0.60 0.00 | 19.66 -0.66 0.00 | 20.24 -0.68 0.00 | 24.30 -0.66 0.00 | 20.83 -0.71 0.00 | 19.56 -0.78 0.00 | 19.03 -0.44 0.00 | 20.15 -0.43 0.00 | 20.08 -0.35 0.00 | 25.60 -0.45 0.00 | 24.74 -0.67 0.00 | 21.72 -0.68 0.00 | 23.01 -0.90 0.00 | 18.69 -0.81 0.00 | 17.89 -0.79 -0.17 | 19.81 -0.90 -0.95 |
| BEEBEE_GT_13 23619 | 15.43 -1.06 2.66 | 15.12 -1.12 2.21 | 14.96 -1.11 2.42 | 16.31 -1.13 0.58 | 17.98 -1.14 -0.17 | 18.75 -0.95 -0.35 | 19.14 -1.07 0.00 | 28.62 -1.64 -1.06 | 21.74 -1.44 -0.34 | 19.07 -1.25 0.00 | 19.63 -1.29 0.00 | 23.46 -1.49 0.00 | 20.34 -1.20 0.00 | 19.19 -1.15 0.00 | 18.21 -1.26 0.00 | 19.20 -1.38 0.00 | 19.27 -1.15 0.00 | 24.80 -1.26 0.00 | 24.22 -1.18 0.00 | 21.21 -1.18 0.00 | 22.38 -1.53 0.00 | 18.24 -1.26 0.00 | 17.23 -1.20 0.08 | 18.54 -1.22 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 20.43 1.28 0.00 | 19.60 1.16 0.00 | 19.65 1.17 0.00 | 19.08 1.06 0.00 | 20.08 1.14 0.00 | 20.68 1.33 0.00 | 21.99 1.78 0.00 | 32.03 2.83 0.00 | 25.06 2.22 0.00 | 22.35 2.03 0.00 | 22.72 1.80 0.00 | 26.70 1.75 0.00 | 23.03 1.48 0.00 | 21.80 1.46 0.00 | 20.89 1.42 0.00 | 22.05 1.47 0.00 | 22.00 1.58 0.00 | 28.34 2.29 0.00 | 27.67 2.27 0.00 | 24.18 1.79 0.00 | 25.65 1.74 0.00 | 20.87 1.37 0.00 | 19.78 1.27 0.00 | 20.92 1.17 0.00 |
| BETHLEHEM___GRP 23843 | 19.67 0.52 0.00 | 18.94 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.52 0.00 | 19.91 0.56 0.00 | 20.90 0.69 0.00 | 29.99 0.79 0.00 | 23.49 0.65 0.00 | 20.85 0.54 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.12 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.98 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| BETHLEHEM___GS1 323560 | 19.67 0.52 0.00 | 18.95 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.53 0.00 | 19.91 0.56 0.00 | 20.91 0.69 0.00 | 30.01 0.81 0.00 | 23.50 0.66 0.00 | 20.85 0.53 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.13 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.97 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| BETHLEHEM___GS2 323561 | 19.67 0.52 0.00 | 18.95 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.53 0.00 | 19.91 0.56 0.00 | 20.91 0.69 0.00 | 30.01 0.81 0.00 | 23.50 0.66 0.00 | 20.85 0.53 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.13 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.97 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| BETHLEHEM___GS3 323562 | 19.67 0.52 0.00 | 18.95 0.51 0.00 | 18.99 0.50 0.00 | 18.54 0.53 0.00 | 19.47 0.53 0.00 | 19.91 0.56 0.00 | 20.91 0.69 0.00 | 30.01 0.81 0.00 | 23.50 0.66 0.00 | 20.85 0.53 0.00 | 21.24 0.31 0.00 | 25.21 0.25 0.00 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.60 0.13 0.00 | 20.75 0.16 0.00 | 20.74 0.31 0.00 | 26.67 0.61 0.00 | 25.97 0.57 0.00 | 22.78 0.39 0.00 | 24.28 0.37 0.00 | 19.84 0.34 0.00 | 18.98 0.47 0.00 | 20.32 0.57 0.00 |
| BETHLEHEM___STEEL 23779 | 13.35 -1.57 4.23 | 13.28 -1.66 3.50 | 13.01 -1.63 3.85 | 15.44 -1.66 0.91 | 14.13 -1.70 3.11 | 11.68 -1.37 6.31 | 18.77 -1.41 0.04 | 8.66 -2.08 18.46 | 15.14 -1.77 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.69 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.95 -1.53 0.00 | 18.98 -1.60 0.00 | 19.07 -1.35 0.00 | 24.17 -1.88 0.00 | 23.70 -1.70 0.00 | 20.67 -1.73 0.00 | 21.70 -2.20 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| BETHLHEM_115KV_TB1 79974 | 19.69 0.54 0.00 | 18.96 0.52 0.00 | 19.00 0.52 0.00 | 18.56 0.54 0.00 | 19.48 0.54 0.00 | 19.93 0.58 0.00 | 20.92 0.71 0.00 | 30.02 0.82 0.00 | 23.52 0.68 0.00 | 20.87 0.55 0.00 | 21.25 0.33 0.00 | 25.23 0.28 0.00 | 21.70 0.16 0.00 | 20.47 0.13 0.00 | 19.62 0.14 0.00 | 20.76 0.18 0.00 | 20.76 0.34 0.00 | 26.73 0.67 0.00 | 26.04 0.64 0.00 | 22.84 0.45 0.00 | 24.34 0.43 0.00 | 19.88 0.38 0.00 | 19.00 0.49 0.00 | 20.32 0.57 0.00 |
| BETHPAGE_CC_5 323564 | 20.59 1.44 0.00 | 19.75 1.32 0.00 | 19.80 1.31 0.00 | 19.21 1.20 0.00 | 20.21 1.26 0.00 | 20.80 1.45 0.00 | 34.19 1.80 -12.18 | 69.86 2.78 -37.87 | 57.60 2.14 -32.62 | 23.03 1.87 -0.85 | 70.09 1.65 -47.51 | 26.46 1.51 0.00 | 22.78 1.24 0.00 | 36.37 1.29 -14.75 | 33.28 1.28 -12.52 | 33.20 1.40 -11.22 | 70.25 1.51 -48.32 | 54.68 2.17 -26.46 | 33.76 2.17 -6.19 | 24.16 1.77 0.00 | 25.75 1.84 0.00 | 21.35 1.50 -0.35 | 20.08 1.39 -0.18 | 21.18 1.36 -0.06 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 13.28 -1.50 4.37 | 13.23 -1.59 3.62 | 12.95 -1.56 3.98 | 15.47 -1.60 0.94 | 14.26 -1.63 3.06 | 11.86 -1.27 6.21 | 18.90 -1.28 0.04 | 9.17 -1.87 18.17 | 15.41 -1.60 5.83 | 18.99 -1.31 0.02 | 19.53 -1.39 0.00 | 23.47 -1.48 0.00 | 20.37 -1.18 0.00 | 19.17 -1.16 0.00 | 18.10 -1.37 0.00 | 19.15 -1.43 0.00 | 19.24 -1.18 0.00 | 24.32 -1.73 0.00 | 23.85 -1.56 0.00 | 20.79 -1.61 0.00 | 21.83 -2.08 0.00 | 17.73 -1.77 0.00 | 16.74 -1.65 0.12 | 18.11 -1.65 0.00 |

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| BINGHAMTON___COGEN 23790 | 18.87 -0.28 0.00 | 18.17 -0.27 0.00 | 17.62 -0.28 0.59 | 17.73 -0.29 0.00 | 18.32 -0.25 0.37 | 18.43 -0.17 0.75 | 20.16 -0.05 0.00 | 27.01 0.02 2.21 | 22.11 -0.02 0.71 | 20.28 -0.03 0.00 | 20.77 -0.15 0.00 | 24.71 -0.25 0.00 | 21.31 -0.23 0.00 | 20.16 -0.18 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.31 -0.11 0.00 | 26.01 -0.04 0.00 | 25.40 0.00 0.00 | 22.24 -0.15 0.00 | 23.54 -0.37 0.00 | 19.14 -0.36 0.00 | 18.18 -0.33 0.00 | 19.41 -0.35 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 12.44 -1.56 5.14 | 12.64 -1.53 4.26 | 12.42 -1.38 4.68 | 15.36 -1.54 1.11 | 14.63 -1.50 2.82 | 12.36 -1.27 5.72 | 19.05 -1.14 0.03 | 10.68 -1.78 16.74 | 15.89 -1.58 5.37 | 19.05 -1.25 0.02 | 19.74 -1.18 0.00 | 23.88 -1.07 0.00 | 20.68 -0.87 0.00 | 19.27 -1.07 0.00 | 18.10 -1.37 0.00 | 19.49 -1.09 0.00 | 19.54 -0.88 0.00 | 24.72 -1.34 0.00 | 24.18 -1.22 0.00 | 20.88 -1.51 0.00 | 21.93 -1.98 0.00 | 17.75 -1.75 0.00 | 16.72 -1.65 0.14 | 18.14 -1.62 0.00 |
| BLACK RIVER___HYD 24047 | 18.14 -1.01 0.00 | 17.60 -0.84 0.00 | 17.51 -0.97 0.00 | 17.10 -0.92 0.00 | 18.07 -0.87 0.00 | 18.51 -0.84 0.00 | 19.51 -0.70 0.00 | 28.32 -0.88 0.00 | 22.15 -0.69 0.00 | 19.43 -0.89 0.00 | 20.01 -0.91 0.00 | 23.99 -0.97 0.00 | 20.56 -0.98 0.00 | 19.37 -0.97 0.00 | 18.87 -0.60 0.00 | 19.97 -0.61 0.00 | 20.00 -0.43 0.00 | 25.51 -0.54 0.00 | 24.66 -0.74 0.00 | 21.64 -0.76 0.00 | 22.88 -1.03 0.00 | 18.58 -0.92 0.00 | 17.72 -0.91 -0.12 | 19.38 -1.04 -0.67 |
| BLACKRVR_115KV_TB2 79977 | 18.14 -1.01 0.00 | 17.60 -0.84 0.00 | 17.52 -0.97 0.00 | 17.10 -0.91 0.00 | 18.07 -0.87 0.00 | 18.51 -0.84 0.00 | 19.51 -0.70 0.00 | 28.33 -0.88 0.00 | 22.16 -0.68 0.00 | 19.43 -0.89 0.00 | 20.01 -0.91 0.00 | 23.99 -0.97 0.00 | 20.56 -0.98 0.00 | 19.37 -0.97 0.00 | 18.87 -0.60 0.00 | 19.97 -0.62 0.00 | 20.00 -0.43 0.00 | 25.51 -0.54 0.00 | 24.66 -0.74 0.00 | 21.64 -0.76 0.00 | 22.88 -1.03 0.00 | 18.58 -0.92 0.00 | 17.72 -0.91 -0.12 | 19.38 -1.04 -0.67 |
| BLISS_WT_PWR 323608 | 12.30 -1.71 5.14 | 12.54 -1.63 4.26 | 12.36 -1.45 4.68 | 15.26 -1.64 1.11 | 14.53 -1.60 2.82 | 12.21 -1.42 5.72 | 18.92 -1.26 0.03 | 10.38 -2.09 16.74 | 15.68 -1.78 5.37 | 18.91 -1.39 0.02 | 19.64 -1.29 0.00 | 23.80 -1.15 0.00 | 20.60 -0.94 0.00 | 19.16 -1.18 0.00 | 17.95 -1.52 0.00 | 19.42 -1.16 0.00 | 19.46 -0.96 0.00 | 24.71 -1.34 0.00 | 24.15 -1.26 0.00 | 20.80 -1.59 0.00 | 21.86 -2.05 0.00 | 17.65 -1.85 0.00 | 16.60 -1.77 0.14 | 18.02 -1.73 0.00 |
| BLUESTONE___WT_PWR 323821 | 21.64 -0.36 -2.86 | 21.12 0.32 -2.37 | 20.87 -0.02 -2.41 | 18.55 -0.07 -0.62 | 18.95 0.27 0.27 | 18.66 -0.14 0.55 | 20.32 0.10 0.00 | 27.94 0.34 1.61 | 22.85 0.53 0.51 | 20.93 0.61 0.00 | 21.57 0.65 0.00 | 25.74 0.78 0.00 | 22.17 0.63 0.00 | 20.94 0.61 0.00 | 20.01 0.54 0.00 | 21.27 0.69 0.00 | 21.15 0.73 0.00 | 26.97 0.92 0.00 | 26.16 0.76 0.00 | 22.64 0.25 0.00 | 24.13 0.22 0.00 | 19.52 0.02 0.00 | 18.73 0.13 -0.09 | 19.99 0.23 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 19.84 0.69 0.00 | 19.10 0.66 0.00 | 19.15 0.66 0.00 | 18.69 0.68 0.00 | 19.64 0.70 0.00 | 20.09 0.74 0.00 | 21.10 0.89 0.00 | 30.41 1.20 0.00 | 23.77 0.93 0.00 | 21.02 0.70 0.00 | 21.43 0.51 0.00 | 25.53 0.58 0.00 | 21.91 0.37 0.00 | 20.66 0.32 0.00 | 19.80 0.33 0.00 | 21.00 0.42 0.00 | 21.04 0.61 0.00 | 27.01 0.96 0.00 | 26.31 0.91 0.00 | 23.09 0.70 0.00 | 24.61 0.70 0.00 | 20.09 0.59 0.00 | 19.14 0.63 0.00 | 20.46 0.70 0.00 |
| BOC_GAS_DRP 24189 | 19.68 0.53 0.00 | 18.93 0.50 0.00 | 18.99 0.51 0.00 | 18.52 0.51 0.00 | 19.47 0.53 0.00 | 19.93 0.58 0.00 | 20.93 0.72 0.00 | 30.24 1.04 0.00 | 23.64 0.80 0.00 | 21.00 0.68 0.00 | 21.45 0.53 0.00 | 25.46 0.51 0.00 | 21.93 0.39 0.00 | 20.69 0.35 0.00 | 19.81 0.34 0.00 | 20.97 0.39 0.00 | 20.92 0.50 0.00 | 26.85 0.80 0.00 | 26.18 0.78 0.00 | 22.97 0.58 0.00 | 24.47 0.56 0.00 | 19.96 0.46 0.00 | 19.00 0.49 0.00 | 20.27 0.51 0.00 |
| BOONVILLE_115KV_TB1 79983 | 19.08 -0.07 0.00 | 18.44 0.00 0.00 | 18.42 -0.06 0.00 | 17.97 -0.04 0.00 | 18.96 0.01 0.00 | 19.40 0.05 0.00 | 20.37 0.16 0.00 | 29.50 0.29 0.00 | 23.05 0.21 0.00 | 20.45 0.13 0.00 | 21.02 0.10 0.00 | 25.09 0.13 0.00 | 21.61 0.07 0.00 | 20.32 -0.02 0.00 | 19.61 0.13 0.00 | 20.71 0.13 0.00 | 20.66 0.23 0.00 | 26.45 0.40 0.00 | 25.69 0.29 0.00 | 22.55 0.16 0.00 | 23.94 0.03 0.00 | 19.49 -0.01 0.00 | 18.54 -0.04 -0.06 | 20.01 -0.11 -0.36 |
| BORALEX_4TH_BRANCH 23824 | 20.27 1.13 0.00 | 19.49 1.05 0.00 | 19.57 1.08 0.00 | 19.08 1.07 0.00 | 20.10 1.15 0.00 | 20.50 1.15 0.00 | 21.69 1.48 0.00 | 31.44 2.24 0.00 | 24.58 1.74 0.00 | 21.81 1.49 0.00 | 22.25 1.33 0.00 | 26.44 1.49 0.00 | 22.65 1.11 0.00 | 21.31 0.97 0.00 | 20.46 0.99 0.00 | 21.66 1.08 0.00 | 21.49 1.07 0.00 | 27.71 1.66 0.00 | 27.01 1.60 0.00 | 23.67 1.27 0.00 | 25.33 1.42 0.00 | 20.65 1.15 0.00 | 19.56 1.05 0.00 | 20.78 1.02 0.00 |
| BOWLINE___1 23526 | 20.07 0.92 0.00 | 19.26 0.82 0.00 | 19.33 0.85 0.00 | 18.78 0.77 0.00 | 19.80 0.85 0.00 | 20.37 1.02 0.00 | 21.56 1.34 0.00 | 31.37 2.17 0.00 | 24.48 1.65 0.00 | 21.75 1.43 0.00 | 22.13 1.21 0.00 | 26.07 1.12 0.00 | 22.47 0.93 0.00 | 21.24 0.91 0.00 | 20.31 0.84 0.00 | 21.51 0.93 0.00 | 21.47 1.05 0.00 | 27.67 1.62 0.00 | 27.03 1.62 0.00 | 23.65 1.26 0.00 | 25.11 1.20 0.00 | 20.44 0.94 0.00 | 19.39 0.88 0.00 | 20.61 0.85 0.00 |
| BOWLINE___2 23595 | 20.07 0.92 0.00 | 19.26 0.82 0.00 | 19.33 0.85 0.00 | 18.78 0.77 0.00 | 19.80 0.85 0.00 | 20.37 1.02 0.00 | 21.56 1.34 0.00 | 31.37 2.17 0.00 | 24.48 1.65 0.00 | 21.75 1.43 0.00 | 22.13 1.21 0.00 | 26.07 1.12 0.00 | 22.47 0.93 0.00 | 21.24 0.91 0.00 | 20.31 0.84 0.00 | 21.51 0.93 0.00 | 21.47 1.05 0.00 | 27.67 1.62 0.00 | 27.03 1.62 0.00 | 23.65 1.26 0.00 | 25.11 1.20 0.00 | 20.44 0.94 0.00 | 19.39 0.88 0.00 | 20.61 0.85 0.00 |
| BRADY___115KV_TB2 356060 | 19.21 0.07 0.00 | 18.62 0.18 0.00 | 18.66 0.17 0.00 | 18.20 0.19 0.00 | 19.14 0.19 0.00 | 19.39 0.04 0.00 | 20.13 -0.08 0.00 | 29.06 -0.14 0.00 | 22.86 0.03 0.00 | 20.29 -0.02 0.00 | 21.03 0.10 0.00 | 25.32 0.36 0.00 | 21.88 0.33 0.00 | 20.56 0.22 0.00 | 19.76 0.29 0.00 | 20.85 0.27 0.00 | 20.64 0.21 0.00 | 26.08 0.03 0.00 | 25.36 -0.04 0.00 | 22.47 0.08 0.00 | 24.14 0.23 0.00 | 19.65 0.15 0.00 | 18.81 0.10 -0.20 | 21.09 0.21 -1.13 |
| BRANSCOMB___SOLAR 323811 | 20.04 0.89 0.00 | 19.26 0.82 0.00 | 19.31 0.83 0.00 | 18.84 0.83 0.00 | 19.85 0.91 0.00 | 20.33 0.98 0.00 | 21.50 1.29 0.00 | 31.15 1.95 0.00 | 24.31 1.48 0.00 | 21.45 1.14 0.00 | 21.81 0.88 0.00 | 25.97 1.02 0.00 | 22.27 0.73 0.00 | 21.04 0.70 0.00 | 20.22 0.75 0.00 | 21.43 0.85 0.00 | 21.45 1.03 0.00 | 27.66 1.60 0.00 | 26.94 1.54 0.00 | 23.63 1.23 0.00 | 25.13 1.22 0.00 | 20.45 0.95 0.00 | 19.38 0.87 0.00 | 20.61 0.85 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 20.85 1.70 0.00 | 19.99 1.56 0.00 | 20.04 1.55 0.00 | 19.45 1.44 0.00 | 20.44 1.50 0.00 | 21.04 1.69 0.00 | 34.44 2.05 -12.18 | 70.22 3.14 -37.87 | 57.85 2.39 -32.62 | 23.23 2.06 -0.85 | 70.30 1.87 -47.51 | 26.66 1.70 0.00 | 22.91 1.37 0.00 | 36.52 1.44 -14.75 | 33.42 1.43 -12.52 | 33.36 1.55 -11.22 | 70.44 1.70 -48.32 | 54.94 2.43 -26.46 | 33.99 2.41 -6.19 | 24.44 2.05 0.00 | 26.09 2.18 0.00 | 21.66 1.81 -0.35 | 20.30 1.62 -0.18 | 21.41 1.59 -0.06 |

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| BRISTLHL_115KV_TB1 79998 | 18.39 -0.75 0.00 | 17.69 -0.75 0.00 | 17.72 -0.76 0.00 | 17.25 -0.76 0.00 | 18.16 -0.78 0.00 | 18.64 -0.71 0.00 | 19.50 -0.71 0.00 | 28.21 -1.00 0.00 | 21.99 -0.85 0.00 | 19.53 -0.79 0.00 | 20.09 -0.83 0.00 | 23.88 -1.07 0.00 | 20.68 -0.86 0.00 | 19.56 -0.78 0.00 | 18.68 -0.79 0.00 | 19.77 -0.82 0.00 | 19.71 -0.72 0.00 | 25.22 -0.83 0.00 | 24.60 -0.80 0.00 | 21.61 -0.78 0.00 | 22.94 -0.97 0.00 | 18.73 -0.77 0.00 | 17.81 -0.70 0.00 | 19.04 -0.72 0.00 |
| BROOKHAVEN___DRP 24191 | 20.89 1.75 0.00 | 20.03 1.59 0.00 | 20.07 1.59 0.00 | 19.49 1.48 0.00 | 20.48 1.54 0.00 | 21.08 1.73 0.00 | 34.44 2.05 -12.18 | 70.16 3.08 -37.87 | 57.80 2.35 -32.62 | 23.21 2.05 -0.85 | 70.27 1.84 -47.51 | 26.59 1.64 0.00 | 22.81 1.26 0.00 | 36.44 1.36 -14.75 | 33.32 1.32 -12.52 | 33.21 1.40 -11.22 | 70.35 1.61 -48.32 | 54.85 2.34 -26.46 | 33.98 2.39 -6.19 | 24.37 1.98 0.00 | 26.05 2.14 0.00 | 21.67 1.82 -0.35 | 20.28 1.59 -0.18 | 21.35 1.53 -0.06 |
| BROOKLYN_NAVY_YARD 23515 | 20.20 1.05 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.90 0.88 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.76 1.54 0.00 | 31.71 2.51 0.00 | 24.79 1.95 0.00 | 22.07 1.75 0.00 | 22.44 1.52 0.00 | 26.35 1.40 0.00 | 22.74 1.20 0.00 | 21.52 1.19 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.75 1.32 0.00 | 28.01 1.96 0.00 | 27.35 1.95 0.00 | 23.90 1.51 0.00 | 25.39 1.48 0.00 | 20.66 1.16 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 20.64 1.49 0.00 | 19.80 1.36 0.00 | 19.84 1.36 0.00 | 19.26 1.25 0.00 | 20.26 1.32 0.00 | 20.86 1.51 0.00 | 34.27 1.87 -12.18 | 69.97 2.89 -37.87 | 57.67 2.22 -32.62 | 23.13 1.96 -0.85 | 70.21 1.77 -47.51 | 26.63 1.67 0.00 | 22.93 1.39 0.00 | 36.51 1.42 -14.75 | 33.40 1.40 -12.52 | 33.30 1.49 -11.22 | 70.32 1.57 -48.32 | 54.79 2.28 -26.46 | 33.88 2.29 -6.19 | 24.30 1.90 0.00 | 25.86 1.95 0.00 | 21.42 1.58 -0.35 | 20.14 1.45 -0.18 | 21.23 1.42 -0.06 |
| BROOME_2_LFGE 323671 | 18.87 -0.28 0.00 | 18.17 -0.27 0.00 | 17.62 -0.28 0.59 | 17.72 -0.29 0.00 | 18.32 -0.25 0.37 | 18.43 -0.17 0.75 | 20.16 -0.05 0.00 | 27.00 0.01 2.21 | 22.11 -0.02 0.71 | 20.28 -0.03 0.00 | 20.77 -0.15 0.00 | 24.71 -0.25 0.00 | 21.31 -0.23 0.00 | 20.16 -0.18 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.32 -0.11 0.00 | 26.01 -0.04 0.00 | 25.40 0.00 0.00 | 22.24 -0.15 0.00 | 23.54 -0.37 0.00 | 19.14 -0.36 0.00 | 18.18 -0.33 0.00 | 19.41 -0.35 0.00 |
| BROOME___LFGE 323600 | 18.87 -0.28 0.00 | 18.17 -0.27 0.00 | 17.62 -0.28 0.59 | 17.72 -0.29 0.00 | 18.32 -0.25 0.37 | 18.43 -0.17 0.75 | 20.16 -0.05 0.00 | 27.00 0.01 2.21 | 22.11 -0.02 0.71 | 20.28 -0.03 0.00 | 20.77 -0.15 0.00 | 24.71 -0.25 0.00 | 21.31 -0.23 0.00 | 20.16 -0.18 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.32 -0.11 0.00 | 26.01 -0.04 0.00 | 25.40 0.00 0.00 | 22.24 -0.15 0.00 | 23.54 -0.37 0.00 | 19.14 -0.36 0.00 | 18.18 -0.33 0.00 | 19.41 -0.35 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.71 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.65 -0.30 | 20.81 -0.65 -1.70 |
| BROWNSV1_27_KV_LOAD 356125 | 20.40 1.25 0.00 | 19.56 1.13 0.00 | 19.64 1.15 0.00 | 19.06 1.05 0.00 | 20.05 1.11 0.00 | 20.64 1.29 0.00 | 21.94 1.73 0.00 | 31.99 2.78 0.00 | 25.02 2.18 0.00 | 22.28 1.96 0.00 | 22.65 1.73 0.00 | 26.63 1.68 0.00 | 22.97 1.42 0.00 | 21.74 1.41 0.00 | 20.82 1.34 0.00 | 22.02 1.43 0.00 | 21.97 1.54 0.00 | 28.29 2.24 0.00 | 27.63 2.22 0.00 | 24.16 1.76 0.00 | 25.64 1.73 0.00 | 20.86 1.36 0.00 | 19.77 1.26 0.00 | 20.93 1.18 0.00 |
| BURROWS___LYONSDAL 23803 | 18.85 -0.30 0.00 | 18.25 -0.18 0.00 | 18.22 -0.27 0.00 | 17.78 -0.23 0.00 | 18.77 -0.18 0.00 | 19.19 -0.16 0.00 | 20.15 -0.06 0.00 | 29.19 -0.02 0.00 | 22.82 -0.02 0.00 | 20.24 -0.08 0.00 | 20.81 -0.11 0.00 | 24.88 -0.07 0.00 | 21.41 -0.13 0.00 | 20.12 -0.22 0.00 | 19.46 -0.01 0.00 | 20.57 -0.01 0.00 | 20.51 0.09 0.00 | 26.24 0.18 0.00 | 25.44 0.04 0.00 | 22.32 -0.07 0.00 | 23.67 -0.24 0.00 | 19.26 -0.24 0.00 | 18.34 -0.25 -0.08 | 19.89 -0.35 -0.48 |
| CAITHNESS_CC_1 323624 | 20.84 1.69 0.00 | 19.97 1.53 0.00 | 20.02 1.53 0.00 | 19.43 1.42 0.00 | 20.43 1.48 0.00 | 21.02 1.66 0.00 | 34.37 1.97 -12.18 | 70.08 3.01 -37.87 | 57.74 2.28 -32.62 | 23.16 1.99 -0.85 | 70.22 1.79 -47.51 | 26.53 1.58 0.00 | 22.77 1.23 0.00 | 36.41 1.33 -14.75 | 33.29 1.29 -12.52 | 33.18 1.37 -11.22 | 70.30 1.56 -48.32 | 54.79 2.28 -26.46 | 33.91 2.32 -6.19 | 24.31 1.91 0.00 | 25.98 2.07 0.00 | 21.61 1.76 -0.35 | 20.23 1.54 -0.18 | 21.31 1.50 -0.06 |
| CALPINE BETH_PAGE_GT4 24209 | 20.54 1.40 0.00 | 19.71 1.27 0.00 | 19.75 1.27 0.00 | 19.17 1.16 0.00 | 20.16 1.21 0.00 | 20.75 1.40 0.00 | 34.14 1.75 -12.18 | 69.77 2.69 -37.87 | 57.55 2.09 -32.62 | 22.99 1.82 -0.85 | 70.04 1.61 -47.51 | 26.42 1.46 0.00 | 22.74 1.19 0.00 | 36.33 1.25 -14.75 | 33.24 1.24 -12.52 | 33.16 1.35 -11.22 | 70.20 1.46 -48.32 | 54.56 2.06 -26.46 | 33.66 2.07 -6.19 | 24.07 1.68 0.00 | 25.65 1.74 0.00 | 21.26 1.42 -0.35 | 20.03 1.35 -0.18 | 21.13 1.32 -0.06 |
| CALPINE_BETH_PAGE_GT_4 323586 | 20.55 1.40 0.00 | 19.71 1.27 0.00 | 19.75 1.27 0.00 | 19.17 1.16 0.00 | 20.16 1.22 0.00 | 20.76 1.41 0.00 | 34.14 1.75 -12.18 | 69.78 2.70 -37.87 | 57.55 2.09 -32.62 | 22.99 1.82 -0.85 | 70.04 1.61 -47.51 | 26.42 1.47 0.00 | 22.74 1.19 0.00 | 36.33 1.25 -14.75 | 33.24 1.24 -12.52 | 33.16 1.35 -11.22 | 70.20 1.46 -48.32 | 54.56 2.05 -26.46 | 33.66 2.07 -6.19 | 24.07 1.68 0.00 | 25.65 1.74 0.00 | 21.27 1.42 -0.35 | 20.03 1.35 -0.18 | 21.13 1.32 -0.06 |
| CALPINE_BP_GT1 23823 | 20.55 1.40 0.00 | 19.71 1.27 0.00 | 19.75 1.27 0.00 | 19.17 1.16 0.00 | 20.16 1.22 0.00 | 20.76 1.41 0.00 | 34.14 1.75 -12.18 | 69.78 2.70 -37.87 | 57.55 2.09 -32.62 | 22.99 1.82 -0.85 | 70.04 1.61 -47.51 | 26.42 1.47 0.00 | 22.74 1.19 0.00 | 36.33 1.25 -14.75 | 33.24 1.24 -12.52 | 33.16 1.35 -11.22 | 70.20 1.46 -48.32 | 54.56 2.05 -26.46 | 33.66 2.07 -6.19 | 24.07 1.68 0.00 | 25.65 1.74 0.00 | 21.27 1.42 -0.35 | 20.03 1.35 -0.18 | 21.13 1.32 -0.06 |
| CALSPAN___DRP 24200 | 13.35 -1.57 4.23 | 13.28 -1.66 3.50 | 13.01 -1.63 3.85 | 15.44 -1.66 0.91 | 14.13 -1.70 3.11 | 11.68 -1.37 6.31 | 18.77 -1.41 0.04 | 8.66 -2.08 18.46 | 15.14 -1.77 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.69 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.95 -1.53 0.00 | 18.98 -1.60 0.00 | 19.07 -1.35 0.00 | 24.17 -1.88 0.00 | 23.70 -1.70 0.00 | 20.67 -1.73 0.00 | 21.70 -2.20 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| CALVERTON___SOLAR 323806 | 20.97 1.82 0.00 | 20.10 1.66 0.00 | 20.14 1.66 0.00 | 19.55 1.54 0.00 | 20.56 1.61 0.00 | 21.15 1.80 0.00 | 34.52 2.13 -12.18 | 70.28 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.66 1.71 0.00 | 22.85 1.31 0.00 | 36.48 1.40 -14.75 | 33.35 1.35 -12.52 | 33.25 1.44 -11.22 | 70.40 1.66 -48.32 | 54.93 2.42 -26.46 | 34.06 2.48 -6.19 | 24.44 2.05 0.00 | 26.14 2.22 0.00 | 21.74 1.89 -0.35 | 20.33 1.65 -0.18 | 21.40 1.58 -0.06 |
| CANDIGU_WT_PWR 323617 | 5.72 -1.50 11.93 | 7.29 -1.26 9.89 | 6.40 -1.26 10.83 | 14.21 -1.24 2.57 | 17.10 -1.15 0.70 | 16.77 -1.17 1.41 | 19.21 -1.00 0.01 | 23.76 -1.32 4.13 | 20.55 -0.96 1.32 | 19.42 -0.89 0.00 | 19.86 -1.07 0.00 | 23.75 -1.21 0.00 | 20.45 -1.09 0.00 | 19.45 -0.88 0.00 | 18.49 -0.98 0.00 | 19.76 -0.82 0.00 | 19.76 -0.67 0.00 | 25.41 -0.64 0.00 | 24.76 -0.64 0.00 | 21.58 -0.81 0.00 | 22.49 -1.42 0.00 | 18.15 -1.35 0.00 | 16.86 -1.23 0.42 | 18.55 -1.21 0.00 |
| CARR STREET_E_SYR 24060 | 18.53 -0.61 0.00 | 17.82 -0.61 0.00 | 17.86 -0.62 0.00 | 17.39 -0.63 0.00 | 18.31 -0.63 0.00 | 18.80 -0.56 0.00 | 19.67 -0.54 0.00 | 28.44 -0.76 0.00 | 22.19 -0.64 0.00 | 19.72 -0.59 0.00 | 20.29 -0.63 0.00 | 24.11 -0.84 0.00 | 20.86 -0.68 0.00 | 19.72 -0.62 0.00 | 18.84 -0.64 0.00 | 19.93 -0.66 0.00 | 19.88 -0.55 0.00 | 25.44 -0.61 0.00 | 24.83 -0.58 0.00 | 21.80 -0.60 0.00 | 23.12 -0.79 0.00 | 18.87 -0.63 0.00 | 17.93 -0.57 0.00 | 19.18 -0.57 0.00 |
| CARTHAGE___PAPER 23857 | 18.37 -0.77 0.00 | 17.84 -0.59 0.00 | 17.76 -0.72 0.00 | 17.36 -0.66 0.00 | 18.34 -0.60 0.00 | 18.75 -0.61 0.00 | 19.72 -0.49 0.00 | 28.60 -0.61 0.00 | 22.37 -0.46 0.00 | 19.71 -0.61 0.00 | 20.27 -0.66 0.00 | 24.36 -0.60 0.00 | 20.85 -0.69 0.00 | 19.62 -0.72 0.00 | 19.13 -0.35 0.00 | 20.24 -0.34 0.00 | 20.22 -0.21 0.00 | 25.78 -0.27 0.00 | 24.90 -0.50 0.00 | 21.87 -0.52 0.00 | 23.16 -0.75 0.00 | 18.80 -0.70 0.00 | 17.95 -0.70 -0.14 | 19.73 -0.80 -0.78 |
| CASSADAGA_WT_PWR 323784 | 12.22 -1.80 5.12 | 12.18 -2.01 4.24 | 12.11 -1.72 4.66 | 15.19 -1.72 1.11 | 14.15 -1.96 2.84 | 12.05 -1.54 5.76 | 18.93 -1.25 0.03 | 10.11 -2.24 16.85 | 15.58 -1.85 5.40 | 18.85 -1.45 0.02 | 19.27 -1.65 0.00 | 23.25 -1.70 0.00 | 20.19 -1.35 0.00 | 19.23 -1.11 0.00 | 18.01 -1.47 0.00 | 18.93 -1.65 0.00 | 19.22 -1.21 0.00 | 24.27 -1.79 0.00 | 23.75 -1.65 0.00 | 20.48 -1.91 0.00 | 21.35 -2.56 0.00 | 17.24 -2.26 0.00 | 16.26 -2.11 0.14 | 17.96 -1.80 0.00 |
| CE_DUNWOOD___DRP 24194 | 20.17 1.03 0.00 | 19.37 0.93 0.00 | 19.44 0.95 0.00 | 18.88 0.87 0.00 | 19.89 0.94 0.00 | 20.46 1.11 0.00 | 21.67 1.46 0.00 | 31.52 2.31 0.00 | 24.62 1.78 0.00 | 21.89 1.58 0.00 | 22.27 1.35 0.00 | 26.22 1.27 0.00 | 22.61 1.06 0.00 | 21.39 1.05 0.00 | 20.47 1.00 0.00 | 21.66 1.08 0.00 | 21.61 1.19 0.00 | 27.85 1.79 0.00 | 27.19 1.79 0.00 | 23.79 1.40 0.00 | 25.26 1.36 0.00 | 20.57 1.07 0.00 | 19.51 1.00 0.00 | 20.70 0.94 0.00 |
| CE_MILLWOOD___DRP 24193 | 20.14 1.00 0.00 | 19.34 0.90 0.00 | 19.41 0.92 0.00 | 18.85 0.84 0.00 | 19.86 0.92 0.00 | 20.43 1.08 0.00 | 21.63 1.42 0.00 | 31.46 2.26 0.00 | 24.58 1.74 0.00 | 21.85 1.54 0.00 | 22.24 1.31 0.00 | 26.19 1.23 0.00 | 22.56 1.02 0.00 | 21.35 1.01 0.00 | 20.43 0.95 0.00 | 21.62 1.03 0.00 | 21.57 1.14 0.00 | 27.79 1.74 0.00 | 27.13 1.73 0.00 | 23.75 1.35 0.00 | 25.22 1.31 0.00 | 20.53 1.03 0.00 | 19.47 0.96 0.00 | 20.67 0.92 0.00 |
| CE_NYC2_DRP 24202 | 20.24 1.09 0.00 | 19.42 0.99 0.00 | 19.49 1.00 0.00 | 18.92 0.91 0.00 | 19.91 0.97 0.00 | 20.50 1.15 0.00 | 21.79 1.58 0.00 | 31.75 2.54 0.00 | 24.82 1.99 0.00 | 22.11 1.79 0.00 | 22.49 1.56 0.00 | 26.42 1.47 0.00 | 22.79 1.25 0.00 | 21.58 1.25 0.00 | 20.68 1.20 0.00 | 21.84 1.25 0.00 | 21.78 1.36 0.00 | 28.06 2.01 0.00 | 27.38 1.98 0.00 | 23.94 1.54 0.00 | 25.40 1.50 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.75 1.00 0.00 |
| CE_NYC_DRP 24195 | 20.22 1.07 0.00 | 19.41 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.89 0.95 0.00 | 20.47 1.12 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.78 1.95 0.00 | 22.07 1.76 0.00 | 22.45 1.53 0.00 | 26.38 1.43 0.00 | 22.76 1.22 0.00 | 21.55 1.21 0.00 | 20.64 1.16 0.00 | 21.82 1.24 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.36 1.96 0.00 | 23.92 1.53 0.00 | 25.39 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.09 0.00 | 20.75 0.99 0.00 |
| CHAFFEE___LFGE 323603 | 12.96 -1.50 4.69 | 12.97 -1.58 3.89 | 12.65 -1.56 4.27 | 15.40 -1.60 1.01 | 14.34 -1.64 2.97 | 12.04 -1.30 6.01 | 18.87 -1.31 0.03 | 9.63 -1.98 17.59 | 15.54 -1.65 5.64 | 18.97 -1.33 0.02 | 19.50 -1.42 0.00 | 23.43 -1.52 0.00 | 20.32 -1.22 0.00 | 19.14 -1.20 0.00 | 18.06 -1.41 0.00 | 19.12 -1.46 0.00 | 19.21 -1.22 0.00 | 24.22 -1.83 0.00 | 23.80 -1.60 0.00 | 20.76 -1.63 0.00 | 21.82 -2.09 0.00 | 17.73 -1.77 0.00 | 16.73 -1.65 0.13 | 18.10 -1.66 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 18.92 -0.22 0.00 | 18.20 -0.24 0.00 | 18.22 -0.26 0.00 | 17.92 -0.09 0.00 | 18.97 0.03 0.00 | 19.26 -0.09 0.00 | 19.93 -0.28 0.00 | 28.54 -0.66 0.00 | 22.56 -0.28 0.00 | 20.12 -0.20 0.00 | 20.77 -0.15 0.00 | 25.22 0.27 0.00 | 21.85 0.31 0.00 | 20.45 0.11 0.00 | 19.88 0.41 0.00 | 21.01 0.43 0.00 | 20.62 0.20 0.00 | 25.89 -0.16 0.00 | 25.00 -0.40 0.00 | 21.99 -0.40 0.00 | 23.69 -0.22 0.00 | 19.12 -0.38 0.00 | 14.92 -0.54 3.05 | 2.18 -0.24 17.33 |
| CHATEAUG_WT_PWR 323614 | 18.85 -0.30 0.00 | 18.11 -0.33 0.00 | 18.13 -0.36 0.00 | 17.84 -0.18 0.00 | 18.89 -0.05 0.00 | 19.15 -0.20 0.00 | 19.88 -0.33 0.00 | 28.45 -0.75 0.00 | 22.50 -0.34 0.00 | 20.05 -0.26 0.00 | 20.69 -0.23 0.00 | 25.12 0.16 0.00 | 21.77 0.23 0.00 | 20.35 0.02 0.00 | 19.80 0.33 0.00 | 20.94 0.36 0.00 | 20.56 0.14 0.00 | 25.82 -0.23 0.00 | 24.91 -0.49 0.00 | 21.89 -0.50 0.00 | 23.57 -0.33 0.00 | 19.02 -0.49 0.00 | 15.04 -0.64 2.83 | 3.30 -0.34 16.11 |
| CHAT_HIGH_FALL_HYD 323578 | 18.92 -0.22 0.00 | 18.20 -0.24 0.00 | 18.22 -0.26 0.00 | 17.92 -0.09 0.00 | 18.97 0.03 0.00 | 19.26 -0.09 0.00 | 19.93 -0.28 0.00 | 28.54 -0.66 0.00 | 22.56 -0.28 0.00 | 20.12 -0.20 0.00 | 20.77 -0.15 0.00 | 25.22 0.27 0.00 | 21.85 0.31 0.00 | 20.45 0.11 0.00 | 19.88 0.41 0.00 | 21.01 0.43 0.00 | 20.62 0.20 0.00 | 25.89 -0.16 0.00 | 25.00 -0.40 0.00 | 21.99 -0.40 0.00 | 23.69 -0.22 0.00 | 19.12 -0.38 0.00 | 14.92 -0.54 3.05 | 2.18 -0.24 17.33 |
| CHAUTAUQUA___LFGE 323629 | 12.75 -1.65 4.75 | 12.75 -1.74 3.94 | 12.50 -1.66 4.32 | 15.30 -1.69 1.03 | 14.22 -1.76 2.97 | 11.89 -1.43 6.02 | 18.80 -1.38 0.03 | 9.42 -2.16 17.62 | 15.40 -1.79 5.65 | 18.86 -1.44 0.02 | 19.31 -1.61 0.00 | 23.23 -1.72 0.00 | 20.15 -1.39 0.00 | 19.08 -1.26 0.00 | 17.95 -1.52 0.00 | 18.93 -1.65 0.00 | 19.10 -1.32 0.00 | 24.24 -1.81 0.00 | 23.75 -1.65 0.00 | 20.63 -1.76 0.00 | 21.60 -2.31 0.00 | 17.50 -2.00 0.00 | 16.48 -1.89 0.13 | 17.93 -1.82 0.00 |
| CHERRYST_13_KV_LD 356241 | 20.27 1.12 0.00 | 19.45 1.02 0.00 | 19.53 1.04 0.00 | 18.95 0.94 0.00 | 19.94 0.99 0.00 | 20.53 1.18 0.00 | 21.82 1.61 0.00 | 31.78 2.58 0.00 | 24.86 2.02 0.00 | 22.15 1.83 0.00 | 22.52 1.60 0.00 | 26.47 1.51 0.00 | 22.84 1.30 0.00 | 21.62 1.29 0.00 | 20.70 1.23 0.00 | 21.89 1.31 0.00 | 21.83 1.41 0.00 | 28.12 2.07 0.00 | 27.44 2.04 0.00 | 23.98 1.59 0.00 | 25.46 1.55 0.00 | 20.72 1.22 0.00 | 19.64 1.13 0.00 | 20.79 1.04 0.00 |

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|--------------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| CHESTROR_138KV_BK263 355645 | 19.95 0.80 0.00 | 19.16 0.73 0.00 | 19.23 0.74 0.00 | 18.70 0.68 0.00 | 19.70 0.75 0.00 | 20.25 0.90 0.00 | 21.39 1.18 0.00 | 31.09 1.89 0.00 | 24.27 1.44 0.00 | 21.56 1.25 0.00 | 21.94 1.01 0.00 | 25.89 0.94 0.00 | 22.33 0.78 0.00 | 21.12 0.78 0.00 | 20.20 0.72 0.00 | 21.39 0.81 0.00 | 21.35 0.92 0.00 | 27.50 1.45 0.00 | 26.85 1.45 0.00 | 23.51 1.12 0.00 | 24.98 1.07 0.00 | 20.34 0.84 0.00 | 19.29 0.78 0.00 | 20.49 0.73 0.00 |
| CH_MIDHUDSON___DRP 24192 | 20.14 0.99 0.00 | 19.35 0.91 0.00 | 19.41 0.92 0.00 | 18.88 0.87 0.00 | 19.88 0.94 0.00 | 20.43 1.08 0.00 | 21.60 1.39 0.00 | 31.37 2.17 0.00 | 24.51 1.67 0.00 | 21.78 1.46 0.00 | 22.15 1.23 0.00 | 26.14 1.19 0.00 | 22.53 0.99 0.00 | 21.31 0.97 0.00 | 20.40 0.93 0.00 | 21.59 1.01 0.00 | 21.60 1.17 0.00 | 27.82 1.77 0.00 | 27.16 1.76 0.00 | 23.77 1.38 0.00 | 25.25 1.34 0.00 | 20.56 1.06 0.00 | 19.49 0.98 0.00 | 20.70 0.94 0.00 |
| CH_MISC_IPPS 23765 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.57 2.36 0.00 | 24.65 1.81 0.00 | 21.89 1.57 0.00 | 22.25 1.32 0.00 | 26.24 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.29 1.90 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |
| CH_RES_BVR_FALLS 23983 | 18.72 -0.43 0.00 | 18.13 -0.31 0.00 | 18.12 -0.36 0.00 | 17.68 -0.34 0.00 | 18.55 -0.40 0.00 | 18.89 -0.46 0.00 | 19.70 -0.52 0.00 | 28.38 -0.82 0.00 | 22.24 -0.60 0.00 | 19.86 -0.46 0.00 | 20.57 -0.36 0.00 | 24.75 -0.20 0.00 | 21.39 -0.15 0.00 | 20.17 -0.16 0.00 | 19.38 -0.09 0.00 | 20.48 -0.10 0.00 | 20.25 -0.17 0.00 | 25.66 -0.40 0.00 | 24.87 -0.53 0.00 | 21.92 -0.47 0.00 | 23.51 -0.40 0.00 | 19.11 -0.39 0.00 | 18.08 -0.42 0.00 | 19.31 -0.45 0.00 |
| CH_RES_NIAGARA 23895 | 13.44 -2.00 3.70 | 13.30 -2.07 3.07 | 13.08 -2.03 3.37 | 15.13 -2.08 0.80 | 13.38 -2.18 3.39 | 10.55 -1.92 6.88 | 18.04 -2.13 0.04 | 5.55 -3.53 20.12 | 13.47 -2.91 6.45 | 17.86 -2.43 0.02 | 18.35 -2.57 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.10 -2.24 0.00 | 17.08 -2.40 0.00 | 18.02 -2.56 0.00 | 18.11 -2.31 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.85 -2.54 0.00 | 20.87 -3.04 0.00 | 17.02 -2.48 0.11 | 16.08 -2.33 0.00 | 17.40 -2.36 0.00 |
| CH_RES_SYRACUSE 23985 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.47 0.00 | 18.47 -0.48 0.00 | 18.95 -0.41 0.00 | 19.85 -0.36 0.00 | 28.70 -0.50 0.00 | 22.38 -0.46 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.33 -0.43 0.00 |
| CLINTON_WT_PWR 323605 | 18.85 -0.30 0.00 | 18.11 -0.33 0.00 | 18.13 -0.36 0.00 | 17.84 -0.18 0.00 | 18.89 -0.05 0.00 | 19.15 -0.20 0.00 | 19.88 -0.33 0.00 | 28.45 -0.75 0.00 | 22.50 -0.34 0.00 | 20.05 -0.26 0.00 | 20.69 -0.23 0.00 | 25.12 0.16 0.00 | 21.77 0.23 0.00 | 20.35 0.02 0.00 | 19.80 0.33 0.00 | 20.94 0.36 0.00 | 20.56 0.14 0.00 | 25.82 -0.23 0.00 | 24.91 -0.49 0.00 | 21.89 -0.50 0.00 | 23.57 -0.33 0.00 | 19.02 -0.49 0.00 | 15.04 -0.64 2.83 | 3.30 -0.34 16.11 |
| CLINTON___LFGE 323618 | 19.12 -0.03 0.00 | 18.37 -0.07 0.00 | 18.37 -0.11 0.00 | 18.05 0.04 0.00 | 19.12 0.18 0.00 | 19.37 0.01 0.00 | 20.16 -0.05 0.00 | 28.90 -0.30 0.00 | 22.82 -0.02 0.00 | 20.34 0.02 0.00 | 20.96 0.03 0.00 | 25.39 0.44 0.00 | 22.02 0.48 0.00 | 20.59 0.24 0.00 | 20.04 0.56 0.00 | 21.21 0.63 0.00 | 20.87 0.45 0.00 | 26.22 0.17 0.00 | 25.31 -0.10 0.00 | 22.19 -0.20 0.00 | 23.84 -0.07 0.00 | 19.26 -0.24 0.00 | 15.19 -0.44 2.89 | 3.22 -0.10 16.43 |
| COBBLENY_34_KV_TB1 80064 | 12.97 -1.49 4.69 | 12.97 -1.58 3.89 | 12.66 -1.56 4.27 | 15.40 -1.60 1.01 | 14.35 -1.63 2.97 | 12.07 -1.27 6.01 | 18.88 -1.30 0.03 | 9.73 -1.88 17.59 | 15.58 -1.62 5.64 | 18.97 -1.33 0.02 | 19.50 -1.42 0.00 | 23.42 -1.53 0.00 | 20.32 -1.22 0.00 | 19.14 -1.20 0.00 | 18.07 -1.40 0.00 | 19.10 -1.48 0.00 | 19.20 -1.22 0.00 | 24.22 -1.83 0.00 | 23.80 -1.60 0.00 | 20.76 -1.63 0.00 | 21.81 -2.10 0.00 | 17.73 -1.76 0.00 | 16.73 -1.65 0.13 | 18.10 -1.66 0.00 |
| COFFEEN___115KV_TB3 355620 | 18.26 -0.88 0.00 | 17.70 -0.73 0.00 | 17.62 -0.87 0.00 | 17.20 -0.81 0.00 | 18.18 -0.76 0.00 | 18.64 -0.71 0.00 | 19.66 -0.55 0.00 | 28.56 -0.64 0.00 | 22.32 -0.52 0.00 | 19.53 -0.79 0.00 | 20.11 -0.81 0.00 | 24.06 -0.90 0.00 | 20.61 -0.94 0.00 | 19.44 -0.90 0.00 | 18.97 -0.50 0.00 | 20.06 -0.52 0.00 | 20.13 -0.29 0.00 | 25.72 -0.33 0.00 | 24.87 -0.52 0.00 | 21.83 -0.56 0.00 | 23.07 -0.84 0.00 | 18.72 -0.78 0.00 | 17.84 -0.78 -0.11 | 19.49 -0.92 -0.65 |
| COLDSPRG_115KV_BK1 355956 | 12.39 -1.09 5.67 | 12.53 -1.21 4.70 | 12.22 -1.11 5.16 | 15.63 -1.16 1.22 | 15.10 -1.18 2.66 | 13.17 -0.79 5.40 | 19.59 -0.60 0.03 | 12.50 -0.90 15.80 | 16.93 -0.84 5.07 | 19.68 -0.62 0.02 | 20.18 -0.74 0.00 | 24.30 -0.66 0.00 | 20.97 -0.57 0.00 | 19.84 -0.51 0.00 | 18.74 -0.73 0.00 | 19.84 -0.74 0.00 | 19.94 -0.48 0.00 | 24.97 -1.08 0.00 | 24.47 -0.93 0.00 | 21.25 -1.15 0.00 | 22.22 -1.68 0.00 | 18.02 -1.48 0.00 | 17.05 -1.29 0.16 | 18.58 -1.17 0.00 |
| COLONIE_LFGE___ 323577 | 19.93 0.79 0.00 | 19.17 0.73 0.00 | 19.22 0.74 0.00 | 18.75 0.74 0.00 | 19.74 0.79 0.00 | 20.19 0.84 0.00 | 21.30 1.08 0.00 | 30.80 1.60 0.00 | 24.07 1.23 0.00 | 21.32 1.01 0.00 | 21.75 0.83 0.00 | 25.85 0.90 0.00 | 22.21 0.67 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.26 0.67 0.00 | 21.20 0.78 0.00 | 27.30 1.25 0.00 | 26.60 1.20 0.00 | 23.33 0.93 0.00 | 24.87 0.96 0.00 | 20.28 0.78 0.00 | 19.25 0.74 0.00 | 20.50 0.74 0.00 |
| COOPERNY_115KV_TB1 80082 | 19.72 0.57 0.00 | 18.95 0.51 0.00 | 19.01 0.53 0.00 | 18.50 0.49 0.00 | 19.48 0.54 0.00 | 20.01 0.66 0.00 | 21.08 0.87 0.00 | 30.60 1.40 0.00 | 23.90 1.06 0.00 | 21.23 0.91 0.00 | 21.66 0.74 0.00 | 25.63 0.68 0.00 | 22.10 0.56 0.00 | 20.89 0.56 0.00 | 19.98 0.51 0.00 | 21.15 0.57 0.00 | 21.08 0.66 0.00 | 27.10 1.05 0.00 | 26.46 1.05 0.00 | 23.20 0.81 0.00 | 24.66 0.76 0.00 | 20.09 0.59 0.00 | 19.06 0.55 0.00 | 20.27 0.51 0.00 |
| COPENHAGEN_WT_PWR 323753 | 17.93 -1.22 0.00 | 17.41 -1.03 0.00 | 17.31 -1.18 0.00 | 16.90 -1.12 0.00 | 17.86 -1.09 0.00 | 18.29 -1.06 0.00 | 19.29 -0.92 0.00 | 27.99 -1.21 0.00 | 21.91 -0.93 0.00 | 19.22 -1.10 0.00 | 19.83 -1.10 0.00 | 23.80 -1.16 0.00 | 20.43 -1.11 0.00 | 19.23 -1.11 0.00 | 18.69 -0.79 0.00 | 19.80 -0.79 0.00 | 19.80 -0.62 0.00 | 25.23 -0.82 0.00 | 24.36 -1.04 0.00 | 21.37 -1.02 0.00 | 22.58 -1.33 0.00 | 18.35 -1.15 0.00 | 17.49 -1.12 -0.11 | 19.10 -1.27 -0.61 |
| CORNELL_____ 23752 | 38.14 -0.12 -19.11 | 34.17 -0.10 -15.83 | 35.55 -0.12 -17.19 | 22.01 -0.13 -4.12 | 18.60 -0.08 0.27 | 18.83 0.03 0.55 | 20.36 0.16 0.00 | 27.94 0.34 1.61 | 22.53 0.20 0.52 | 20.43 0.12 0.00 | 20.89 -0.03 0.00 | 24.76 -0.19 0.00 | 21.37 -0.17 0.00 | 20.25 -0.09 0.00 | 19.35 -0.12 0.00 | 20.53 -0.05 0.00 | 20.55 0.13 0.00 | 26.38 0.33 0.00 | 25.77 0.37 0.00 | 22.58 0.18 0.00 | 23.91 0.00 0.00 | 19.44 -0.06 0.00 | 19.07 -0.06 -0.62 | 19.68 -0.07 0.00 |

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| CORONA__69_KV_TB1 355595 | 20.52 1.37 0.00 | 19.69 1.26 0.00 | 19.74 1.25 0.00 | 19.16 1.15 0.00 | 20.16 1.22 0.00 | 20.75 1.40 0.00 | 34.13 1.74 -12.18 | 69.76 2.69 -37.87 | 57.53 2.08 -32.62 | 23.01 1.85 -0.85 | 70.06 1.63 -47.51 | 26.42 1.46 0.00 | 22.82 1.28 0.00 | 36.39 1.31 -14.75 | 33.28 1.28 -12.52 | 33.18 1.37 -11.22 | 70.23 1.49 -48.32 | 54.64 2.13 -26.46 | 33.66 2.07 -6.19 | 24.11 1.72 0.00 | 25.69 1.78 0.00 | 21.29 1.44 -0.35 | 20.01 1.32 -0.18 | 21.12 1.31 -0.06 |
| CORTLAND__115KV_TB3 80093 | 24.09 -0.17 -5.11 | 22.50 -0.18 -4.24 | 22.90 -0.20 -4.61 | 18.92 -0.20 -1.10 | 18.65 -0.17 0.13 | 19.02 -0.07 0.26 | 20.25 0.04 0.00 | 28.58 0.14 0.76 | 22.65 0.06 0.24 | 20.32 0.00 0.00 | 20.82 -0.10 0.00 | 24.69 -0.26 0.00 | 21.32 -0.22 0.00 | 20.19 -0.15 0.00 | 19.28 -0.19 0.00 | 20.43 -0.15 0.00 | 20.41 -0.02 0.00 | 26.18 0.13 0.00 | 25.56 0.16 0.00 | 22.41 0.02 0.00 | 23.75 -0.16 0.00 | 19.33 -0.17 0.00 | 18.52 -0.16 -0.17 | 19.58 -0.18 0.00 |
| COXSACKIE__GT 23611 | 20.66 1.51 0.00 | 19.86 1.43 0.00 | 19.91 1.42 0.00 | 19.45 1.44 0.00 | 20.43 1.48 0.00 | 20.96 1.61 0.00 | 22.10 1.89 0.00 | 31.86 2.66 0.00 | 24.92 2.08 0.00 | 21.89 1.57 0.00 | 21.86 0.94 0.00 | 26.38 1.43 0.00 | 22.35 0.81 0.00 | 21.00 0.66 0.00 | 20.15 0.67 0.00 | 21.54 0.96 0.00 | 21.94 1.51 0.00 | 28.41 2.36 0.00 | 27.69 2.29 0.00 | 24.23 1.84 0.00 | 25.74 1.83 0.00 | 20.99 1.49 0.00 | 19.99 1.48 0.00 | 21.36 1.60 0.00 |
| CPV_VALLEY__CC1 323721 | 19.80 0.66 0.00 | 19.03 0.59 0.00 | 19.09 0.61 0.00 | 18.56 0.54 0.00 | 19.56 0.61 0.00 | 20.09 0.74 0.00 | 21.21 1.00 0.00 | 30.82 1.61 0.00 | 24.06 1.23 0.00 | 21.38 1.06 0.00 | 21.77 0.85 0.00 | 25.72 0.76 0.00 | 22.18 0.64 0.00 | 20.96 0.63 0.00 | 20.06 0.58 0.00 | 21.23 0.65 0.00 | 21.17 0.75 0.00 | 27.26 1.21 0.00 | 26.60 1.20 0.00 | 23.31 0.91 0.00 | 24.77 0.86 0.00 | 20.18 0.68 0.00 | 19.14 0.63 0.00 | 20.34 0.58 0.00 |
| CPV_VALLEY__CC2 323722 | 19.80 0.66 0.00 | 19.03 0.59 0.00 | 19.09 0.61 0.00 | 18.56 0.54 0.00 | 19.56 0.61 0.00 | 20.09 0.74 0.00 | 21.21 1.00 0.00 | 30.82 1.61 0.00 | 24.06 1.23 0.00 | 21.38 1.06 0.00 | 21.77 0.85 0.00 | 25.72 0.76 0.00 | 22.18 0.64 0.00 | 20.96 0.63 0.00 | 20.06 0.58 0.00 | 21.23 0.65 0.00 | 21.17 0.75 0.00 | 27.26 1.21 0.00 | 26.60 1.20 0.00 | 23.31 0.91 0.00 | 24.77 0.86 0.00 | 20.18 0.68 0.00 | 19.14 0.63 0.00 | 20.34 0.58 0.00 |
| CRESCENT__HYD 24018 | 19.93 0.79 0.00 | 19.17 0.73 0.00 | 19.22 0.74 0.00 | 18.75 0.74 0.00 | 19.74 0.79 0.00 | 20.19 0.84 0.00 | 21.30 1.08 0.00 | 30.80 1.60 0.00 | 24.07 1.23 0.00 | 21.32 1.01 0.00 | 21.75 0.83 0.00 | 25.85 0.90 0.00 | 22.21 0.67 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.26 0.67 0.00 | 21.20 0.78 0.00 | 27.30 1.25 0.00 | 26.60 1.20 0.00 | 23.33 0.93 0.00 | 24.87 0.96 0.00 | 20.28 0.78 0.00 | 19.25 0.74 0.00 | 20.50 0.74 0.00 |
| CRICKET__VALLEY_CC1 323756 | 20.01 0.86 0.00 | 19.23 0.80 0.00 | 19.29 0.80 0.00 | 18.77 0.76 0.00 | 19.78 0.83 0.00 | 20.31 0.96 0.00 | 21.44 1.23 0.00 | 31.13 1.93 0.00 | 24.33 1.50 0.00 | 21.62 1.31 0.00 | 22.03 1.10 0.00 | 25.99 1.04 0.00 | 22.41 0.86 0.00 | 21.17 0.83 0.00 | 20.28 0.81 0.00 | 21.45 0.87 0.00 | 21.44 1.02 0.00 | 27.63 1.57 0.00 | 26.96 1.56 0.00 | 23.61 1.21 0.00 | 25.07 1.16 0.00 | 20.42 0.92 0.00 | 19.36 0.85 0.00 | 20.58 0.82 0.00 |
| CRICKET__VALLEY_CC2 323757 | 20.01 0.86 0.00 | 19.23 0.80 0.00 | 19.29 0.80 0.00 | 18.77 0.76 0.00 | 19.78 0.83 0.00 | 20.31 0.96 0.00 | 21.44 1.23 0.00 | 31.13 1.93 0.00 | 24.33 1.50 0.00 | 21.62 1.31 0.00 | 22.03 1.10 0.00 | 25.99 1.04 0.00 | 22.41 0.86 0.00 | 21.17 0.83 0.00 | 20.28 0.81 0.00 | 21.45 0.87 0.00 | 21.44 1.02 0.00 | 27.63 1.57 0.00 | 26.96 1.56 0.00 | 23.61 1.21 0.00 | 25.07 1.16 0.00 | 20.42 0.92 0.00 | 19.36 0.85 0.00 | 20.58 0.82 0.00 |
| CRICKET__VALLEY_CC3 323758 | 20.01 0.86 0.00 | 19.23 0.80 0.00 | 19.29 0.80 0.00 | 18.77 0.76 0.00 | 19.78 0.83 0.00 | 20.31 0.96 0.00 | 21.44 1.23 0.00 | 31.13 1.93 0.00 | 24.33 1.50 0.00 | 21.62 1.31 0.00 | 22.03 1.10 0.00 | 25.99 1.04 0.00 | 22.41 0.86 0.00 | 21.17 0.83 0.00 | 20.28 0.81 0.00 | 21.45 0.87 0.00 | 21.44 1.02 0.00 | 27.63 1.57 0.00 | 26.96 1.56 0.00 | 23.61 1.21 0.00 | 25.07 1.16 0.00 | 20.42 0.92 0.00 | 19.36 0.85 0.00 | 20.58 0.82 0.00 |
| CRUCIBLE_METL_DRP 24180 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |
| DAHOWA__HYDRO 323763 | 20.07 0.93 0.00 | 19.29 0.85 0.00 | 19.35 0.86 0.00 | 18.87 0.85 0.00 | 19.88 0.94 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.29 2.08 0.00 | 24.41 1.58 0.00 | 21.52 1.21 0.00 | 21.86 0.94 0.00 | 26.03 1.08 0.00 | 22.32 0.77 0.00 | 21.08 0.74 0.00 | 20.27 0.80 0.00 | 21.49 0.91 0.00 | 21.53 1.11 0.00 | 27.77 1.71 0.00 | 27.04 1.64 0.00 | 23.72 1.32 0.00 | 25.21 1.30 0.00 | 20.51 1.01 0.00 | 19.42 0.91 0.00 | 20.64 0.88 0.00 |
| DANC__LFGE 323619 | 18.11 -1.03 0.00 | 17.51 -0.92 0.00 | 17.47 -1.01 0.00 | 17.03 -0.98 0.00 | 17.98 -0.97 0.00 | 18.43 -0.92 0.00 | 19.36 -0.85 0.00 | 28.06 -1.15 0.00 | 21.93 -0.90 0.00 | 19.35 -0.97 0.00 | 19.94 -0.99 0.00 | 23.82 -1.13 0.00 | 20.51 -1.04 0.00 | 19.34 -0.99 0.00 | 18.68 -0.79 0.00 | 19.77 -0.81 0.00 | 19.75 -0.67 0.00 | 25.21 -0.84 0.00 | 24.45 -0.96 0.00 | 21.45 -0.94 0.00 | 22.73 -1.18 0.00 | 18.50 -1.00 0.00 | 17.63 -0.96 -0.07 | 19.13 -1.05 -0.42 |
| DANSKAMMER__1 23586 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.57 2.36 0.00 | 24.65 1.81 0.00 | 21.89 1.57 0.00 | 22.25 1.32 0.00 | 26.24 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.29 1.90 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |
| DANSKAMMER__2 23589 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.57 2.36 0.00 | 24.65 1.81 0.00 | 21.89 1.57 0.00 | 22.25 1.32 0.00 | 26.24 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.29 1.90 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |
| DANSKAMMER__3 23590 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.57 2.36 0.00 | 24.65 1.81 0.00 | 21.89 1.57 0.00 | 22.25 1.32 0.00 | 26.24 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.29 1.90 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |

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| DANSKAMMER___4 23591 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.57 2.36 0.00 | 24.65 1.81 0.00 | 21.89 1.57 0.00 | 22.25 1.32 0.00 | 26.24 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.29 1.90 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |
| DANSKAMMER___DIESEL 23592 | 20.23 1.08 0.00 | 19.43 0.99 0.00 | 19.49 1.00 0.00 | 18.95 0.94 0.00 | 19.97 1.02 0.00 | 20.53 1.18 0.00 | 21.71 1.50 0.00 | 31.56 2.35 0.00 | 24.65 1.81 0.00 | 21.88 1.57 0.00 | 22.25 1.32 0.00 | 26.25 1.29 0.00 | 22.63 1.09 0.00 | 21.41 1.07 0.00 | 20.49 1.02 0.00 | 21.70 1.12 0.00 | 21.70 1.27 0.00 | 27.96 1.90 0.00 | 27.30 1.90 0.00 | 23.90 1.51 0.00 | 25.37 1.46 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.78 1.02 0.00 |
| DARBY___SOLAR 323810 | 20.04 0.89 0.00 | 19.26 0.82 0.00 | 19.31 0.83 0.00 | 18.84 0.83 0.00 | 19.85 0.90 0.00 | 20.34 0.98 0.00 | 21.51 1.29 0.00 | 31.17 1.96 0.00 | 24.33 1.49 0.00 | 21.46 1.14 0.00 | 21.81 0.89 0.00 | 25.97 1.02 0.00 | 22.26 0.72 0.00 | 21.04 0.71 0.00 | 20.23 0.76 0.00 | 21.44 0.86 0.00 | 21.46 1.04 0.00 | 27.67 1.62 0.00 | 26.95 1.55 0.00 | 23.64 1.25 0.00 | 25.14 1.23 0.00 | 20.46 0.96 0.00 | 19.38 0.87 0.00 | 20.61 0.85 0.00 |
| DASHVILLE___HYD 23610 | 20.07 0.92 0.00 | 19.27 0.84 0.00 | 19.34 0.85 0.00 | 18.80 0.79 0.00 | 19.80 0.86 0.00 | 20.36 1.02 0.00 | 21.53 1.32 0.00 | 31.34 2.14 0.00 | 24.47 1.63 0.00 | 21.78 1.46 0.00 | 22.13 1.21 0.00 | 26.05 1.09 0.00 | 22.48 0.94 0.00 | 21.30 0.96 0.00 | 20.34 0.87 0.00 | 21.49 0.90 0.00 | 21.45 1.02 0.00 | 27.64 1.59 0.00 | 27.00 1.60 0.00 | 23.64 1.25 0.00 | 25.10 1.19 0.00 | 20.43 0.93 0.00 | 19.33 0.82 0.00 | 20.50 0.75 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 21.28 2.14 0.00 | 20.39 1.96 0.00 | 20.45 1.97 0.00 | 19.85 1.84 0.00 | 20.87 1.93 0.00 | 21.48 2.13 0.00 | 34.88 2.49 -12.18 | 70.78 3.70 -37.87 | 58.29 2.83 -32.62 | 23.60 2.43 -0.85 | 70.64 2.21 -47.51 | 26.98 2.03 0.00 | 23.11 1.57 0.00 | 36.73 1.65 -14.75 | 33.54 1.54 -12.52 | 33.45 1.65 -11.22 | 70.63 1.88 -48.32 | 55.18 2.67 -26.46 | 34.33 2.74 -6.19 | 24.73 2.33 0.00 | 26.43 2.52 0.00 | 22.00 2.16 -0.35 | 20.57 1.89 -0.18 | 21.62 1.81 -0.06 |
| DELAWARE___LFGE 323621 | 19.58 0.43 0.00 | 18.86 0.42 0.00 | 18.91 0.42 0.00 | 18.42 0.40 0.00 | 19.22 0.45 0.18 | 19.52 0.53 0.36 | 20.88 0.67 0.00 | 29.23 1.08 1.06 | 23.34 0.84 0.34 | 21.04 0.72 0.00 | 21.54 0.62 0.00 | 25.60 0.65 0.00 | 22.08 0.54 0.00 | 20.86 0.52 0.00 | 19.93 0.45 0.00 | 21.10 0.52 0.00 | 21.03 0.61 0.00 | 26.96 0.91 0.00 | 26.30 0.90 0.00 | 23.06 0.67 0.00 | 24.51 0.60 0.00 | 19.96 0.46 0.00 | 18.94 0.43 0.00 | 20.17 0.42 0.00 |
| DERFIELD_115KV_TB7 355931 | 19.25 0.10 0.00 | 18.53 0.09 0.00 | 18.57 0.09 0.00 | 18.10 0.09 0.00 | 19.04 0.09 0.00 | 19.47 0.12 0.00 | 20.39 0.18 0.00 | 29.50 0.29 0.00 | 23.05 0.21 0.00 | 20.49 0.17 0.00 | 21.04 0.12 0.00 | 25.04 0.09 0.00 | 21.61 0.07 0.00 | 20.40 0.06 0.00 | 19.53 0.06 0.00 | 20.65 0.07 0.00 | 20.54 0.11 0.00 | 26.28 0.23 0.00 | 25.63 0.23 0.00 | 22.53 0.14 0.00 | 24.03 0.12 0.00 | 19.60 0.09 0.00 | 18.60 0.09 0.00 | 19.84 0.08 0.00 |
| DOGLEVILLE___HYD 23807 | 19.40 0.25 0.00 | 18.64 0.21 0.00 | 18.72 0.23 0.00 | 18.23 0.22 0.00 | 19.20 0.26 0.00 | 19.68 0.33 0.00 | 20.88 0.67 0.00 | 30.23 1.03 0.00 | 23.65 0.81 0.00 | 20.80 0.48 0.00 | 21.17 0.25 0.00 | 25.11 0.16 0.00 | 21.58 0.04 0.00 | 20.36 0.02 0.00 | 19.52 0.04 0.00 | 20.61 0.03 0.00 | 20.63 0.21 0.00 | 26.73 0.68 0.00 | 26.13 0.73 0.00 | 22.85 0.46 0.00 | 24.36 0.45 0.00 | 19.85 0.35 0.00 | 18.89 0.39 0.00 | 20.07 0.32 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 12.82 -1.62 4.72 | 12.81 -1.71 3.91 | 12.55 -1.64 4.29 | 15.32 -1.67 1.02 | 14.24 -1.72 2.98 | 11.91 -1.39 6.05 | 18.81 -1.37 0.03 | 9.46 -2.05 17.69 | 15.41 -1.75 5.68 | 18.86 -1.44 0.02 | 19.32 -1.60 0.00 | 23.23 -1.72 0.00 | 20.14 -1.40 0.00 | 19.06 -1.28 0.00 | 17.95 -1.52 0.00 | 18.93 -1.66 0.00 | 19.09 -1.33 0.00 | 24.24 -1.81 0.00 | 23.75 -1.65 0.00 | 20.65 -1.74 0.00 | 21.62 -2.29 0.00 | 17.53 -1.97 0.00 | 16.52 -1.86 0.13 | 17.94 -1.82 0.00 |
| DUNKIRK___1 23563 | 12.82 -1.62 4.72 | 12.81 -1.71 3.91 | 12.55 -1.64 4.29 | 15.32 -1.67 1.02 | 14.24 -1.72 2.98 | 11.91 -1.39 6.05 | 18.81 -1.37 0.03 | 9.46 -2.05 17.69 | 15.41 -1.75 5.68 | 18.86 -1.44 0.02 | 19.32 -1.60 0.00 | 23.23 -1.72 0.00 | 20.14 -1.40 0.00 | 19.06 -1.28 0.00 | 17.95 -1.52 0.00 | 18.93 -1.66 0.00 | 19.09 -1.33 0.00 | 24.24 -1.81 0.00 | 23.75 -1.65 0.00 | 20.65 -1.74 0.00 | 21.62 -2.29 0.00 | 17.53 -1.97 0.00 | 16.52 -1.86 0.13 | 17.94 -1.82 0.00 |
| DUNKIRK___2 23564 | 12.82 -1.62 4.72 | 12.81 -1.71 3.91 | 12.55 -1.64 4.29 | 15.32 -1.67 1.02 | 14.24 -1.72 2.98 | 11.91 -1.39 6.05 | 18.81 -1.37 0.03 | 9.46 -2.05 17.69 | 15.41 -1.75 5.68 | 18.86 -1.44 0.02 | 19.32 -1.60 0.00 | 23.23 -1.72 0.00 | 20.14 -1.40 0.00 | 19.06 -1.28 0.00 | 17.95 -1.52 0.00 | 18.93 -1.66 0.00 | 19.09 -1.33 0.00 | 24.24 -1.81 0.00 | 23.75 -1.65 0.00 | 20.65 -1.74 0.00 | 21.62 -2.29 0.00 | 17.53 -1.97 0.00 | 16.52 -1.86 0.13 | 17.94 -1.82 0.00 |
| DUNKIRK___3 23565 | 12.98 -1.59 4.58 | 12.98 -1.66 3.80 | 12.70 -1.62 4.17 | 15.38 -1.65 0.99 | 14.26 -1.66 3.02 | 11.86 -1.36 6.13 | 18.84 -1.33 0.03 | 9.30 -1.96 17.94 | 15.41 -1.68 5.75 | 18.91 -1.38 0.02 | 19.36 -1.57 0.00 | 23.28 -1.67 0.00 | 20.15 -1.39 0.00 | 19.07 -1.27 0.00 | 17.98 -1.49 0.00 | 18.98 -1.60 0.00 | 19.12 -1.30 0.00 | 24.27 -1.78 0.00 | 23.79 -1.61 0.00 | 20.70 -1.70 0.00 | 21.67 -2.24 0.00 | 17.56 -1.94 0.00 | 16.57 -1.81 0.13 | 17.96 -1.80 0.00 |
| DUNKIRK___4 23566 | 13.14 -1.58 4.42 | 13.10 -1.68 3.66 | 12.84 -1.62 4.02 | 15.41 -1.65 0.95 | 14.16 -1.70 3.09 | 11.71 -1.37 6.27 | 18.82 -1.35 0.04 | 8.83 -2.02 18.35 | 15.23 -1.72 5.89 | 18.88 -1.42 0.02 | 19.35 -1.57 0.00 | 23.27 -1.69 0.00 | 20.17 -1.37 0.00 | 19.06 -1.27 0.00 | 17.96 -1.51 0.00 | 18.96 -1.62 0.00 | 19.10 -1.32 0.00 | 24.25 -1.81 0.00 | 23.76 -1.64 0.00 | 20.68 -1.71 0.00 | 21.66 -2.25 0.00 | 17.57 -1.93 0.00 | 16.58 -1.81 0.12 | 17.97 -1.79 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 20.21 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.99 0.00 | 18.91 0.90 0.00 | 19.92 0.97 0.00 | 20.49 1.14 0.00 | 21.71 1.50 0.00 | 31.58 2.37 0.00 | 24.67 1.83 0.00 | 21.94 1.63 0.00 | 22.32 1.40 0.00 | 26.28 1.33 0.00 | 22.66 1.12 0.00 | 21.44 1.10 0.00 | 20.52 1.05 0.00 | 21.71 1.13 0.00 | 21.67 1.24 0.00 | 27.92 1.86 0.00 | 27.26 1.85 0.00 | 23.85 1.46 0.00 | 25.33 1.43 0.00 | 20.63 1.13 0.00 | 19.56 1.05 0.00 | 20.75 0.99 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.07 0.92 0.00 | 19.28 0.84 0.00 | 19.34 0.85 0.00 | 18.81 0.79 0.00 | 19.81 0.87 0.00 | 20.37 1.02 0.00 | 21.54 1.33 0.00 | 31.31 2.11 0.00 | 24.45 1.61 0.00 | 21.71 1.40 0.00 | 22.07 1.15 0.00 | 26.03 1.08 0.00 | 22.45 0.91 0.00 | 21.24 0.90 0.00 | 20.31 0.84 0.00 | 21.51 0.93 0.00 | 21.50 1.07 0.00 | 27.70 1.64 0.00 | 27.04 1.64 0.00 | 23.68 1.28 0.00 | 25.15 1.24 0.00 | 20.47 0.97 0.00 | 19.41 0.90 0.00 | 20.61 0.85 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 20.16 1.01 0.00 | 19.34 0.91 0.00 | 19.40 0.91 0.00 | 18.83 0.82 0.00 | 19.83 0.88 0.00 | 20.42 1.07 0.00 | 21.72 1.51 0.00 | 31.63 2.43 0.00 | 24.74 1.90 0.00 | 21.99 1.67 0.00 | 22.37 1.45 0.00 | 26.29 1.33 0.00 | 22.68 1.14 0.00 | 21.47 1.13 0.00 | 20.56 1.09 0.00 | 21.72 1.14 0.00 | 21.68 1.25 0.00 | 27.93 1.87 0.00 | 27.25 1.85 0.00 | 23.82 1.43 0.00 | 25.31 1.40 0.00 | 20.60 1.10 0.00 | 19.53 1.03 0.00 | 20.66 0.91 0.00 |
| E179THST_13_KV_LOAD 356214 | 20.23 1.09 0.00 | 19.41 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.88 0.00 | 19.90 0.95 0.00 | 20.49 1.14 0.00 | 21.80 1.59 0.00 | 31.77 2.57 0.00 | 24.84 2.01 0.00 | 22.09 1.77 0.00 | 22.47 1.55 0.00 | 26.40 1.45 0.00 | 22.78 1.23 0.00 | 21.56 1.23 0.00 | 20.65 1.18 0.00 | 21.82 1.24 0.00 | 21.78 1.35 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.94 1.55 0.00 | 25.42 1.51 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.74 0.99 0.00 |
| EAST HAMPTON___GT 23717 | 21.50 2.35 0.00 | 20.59 2.15 0.00 | 20.65 2.16 0.00 | 20.05 2.03 0.00 | 21.08 2.13 0.00 | 21.70 2.34 0.00 | 35.11 2.72 -12.18 | 71.12 4.04 -37.87 | 58.55 3.09 -32.62 | 23.80 2.63 -0.85 | 70.82 2.39 -47.51 | 27.14 2.19 0.00 | 23.24 1.70 0.00 | 36.85 1.77 -14.75 | 33.59 1.60 -12.52 | 33.51 1.71 -11.22 | 70.71 1.97 -48.32 | 55.22 2.71 -26.46 | 34.38 2.79 -6.19 | 24.82 2.43 0.00 | 26.54 2.63 0.00 | 22.14 2.29 -0.35 | 20.70 2.02 -0.18 | 21.74 1.93 -0.06 |
| EAST RIVER___6 23660 | 20.22 1.07 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.89 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.77 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.47 1.55 0.00 | 26.39 1.44 0.00 | 22.78 1.24 0.00 | 21.57 1.23 0.00 | 20.66 1.18 0.00 | 21.84 1.25 0.00 | 21.78 1.36 0.00 | 28.06 2.01 0.00 | 27.38 1.98 0.00 | 23.93 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| EAST RIVER___7 23524 | 20.22 1.07 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.89 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.77 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.47 1.55 0.00 | 26.39 1.44 0.00 | 22.78 1.24 0.00 | 21.57 1.23 0.00 | 20.66 1.18 0.00 | 21.84 1.25 0.00 | 21.78 1.36 0.00 | 28.06 2.01 0.00 | 27.38 1.98 0.00 | 23.93 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 20.17 1.03 0.00 | 19.37 0.93 0.00 | 19.44 0.95 0.00 | 18.88 0.87 0.00 | 19.89 0.94 0.00 | 20.46 1.11 0.00 | 21.67 1.46 0.00 | 31.52 2.31 0.00 | 24.62 1.78 0.00 | 21.89 1.58 0.00 | 22.27 1.35 0.00 | 26.22 1.27 0.00 | 22.61 1.06 0.00 | 21.39 1.05 0.00 | 20.47 1.00 0.00 | 21.66 1.08 0.00 | 21.61 1.19 0.00 | 27.85 1.79 0.00 | 27.19 1.79 0.00 | 23.79 1.40 0.00 | 25.26 1.36 0.00 | 20.57 1.07 0.00 | 19.51 1.00 0.00 | 20.70 0.94 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 21.50 2.35 0.00 | 20.59 2.16 0.00 | 20.65 2.16 0.00 | 20.05 2.03 0.00 | 21.08 2.13 0.00 | 21.70 2.34 0.00 | 35.11 2.72 -12.18 | 71.12 4.04 -37.87 | 58.54 3.09 -32.62 | 23.79 2.63 -0.85 | 70.81 2.38 -47.51 | 27.13 2.17 0.00 | 23.23 1.69 0.00 | 36.85 1.77 -14.75 | 33.58 1.59 -12.52 | 33.49 1.69 -11.22 | 70.69 1.95 -48.32 | 55.18 2.67 -26.46 | 34.35 2.76 -6.19 | 24.81 2.41 0.00 | 26.53 2.61 0.00 | 22.13 2.29 -0.35 | 20.69 2.00 -0.18 | 21.73 1.91 -0.06 |
| EAST_PULASKI___ESR 323781 | 18.32 -0.83 0.00 | 17.65 -0.78 0.00 | 17.66 -0.83 0.00 | 17.20 -0.81 0.00 | 18.13 -0.81 0.00 | 18.59 -0.76 0.00 | 19.47 -0.74 0.00 | 28.19 -1.01 0.00 | 22.01 -0.83 0.00 | 19.50 -0.81 0.00 | 20.08 -0.84 0.00 | 23.88 -1.07 0.00 | 20.63 -0.91 0.00 | 19.49 -0.84 0.00 | 18.71 -0.76 0.00 | 19.79 -0.80 0.00 | 19.74 -0.68 0.00 | 25.24 -0.81 0.00 | 24.58 -0.82 0.00 | 21.58 -0.81 0.00 | 22.91 -1.00 0.00 | 18.68 -0.82 0.00 | 17.75 -0.76 0.00 | 18.95 -0.80 0.00 |
| EAST_RIVER___1 323558 | 20.22 1.07 0.00 | 19.41 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.76 1.55 0.00 | 31.71 2.51 0.00 | 24.79 1.95 0.00 | 22.07 1.76 0.00 | 22.45 1.53 0.00 | 26.38 1.43 0.00 | 22.76 1.22 0.00 | 21.55 1.21 0.00 | 20.64 1.16 0.00 | 21.82 1.24 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.96 0.00 | 23.92 1.52 0.00 | 25.39 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.74 0.99 0.00 |
| EAST_RIVER___2 323559 | 20.22 1.07 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.89 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.77 1.56 0.00 | 31.71 2.51 0.00 | 24.80 1.96 0.00 | 22.09 1.77 0.00 | 22.47 1.55 0.00 | 26.39 1.44 0.00 | 22.78 1.24 0.00 | 21.57 1.23 0.00 | 20.66 1.18 0.00 | 21.84 1.25 0.00 | 21.78 1.36 0.00 | 28.06 2.01 0.00 | 27.38 1.98 0.00 | 23.93 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| EAST___DELAWARE_HYD 23607 | 19.74 0.60 0.00 | 18.96 0.52 0.00 | 19.02 0.53 0.00 | 18.49 0.48 0.00 | 19.50 0.55 0.00 | 20.06 0.71 0.00 | 21.27 1.06 0.00 | 30.97 1.77 0.00 | 24.16 1.33 0.00 | 21.39 1.07 0.00 | 21.65 0.73 0.00 | 25.42 0.47 0.00 | 21.56 0.02 0.00 | 20.41 0.07 0.00 | 19.46 -0.01 0.00 | 20.60 0.02 0.00 | 20.64 0.21 0.00 | 26.67 0.61 0.00 | 26.04 0.64 0.00 | 22.88 0.49 0.00 | 24.87 0.96 0.00 | 20.23 0.73 0.00 | 19.15 0.64 0.00 | 20.30 0.54 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 4.46 -1.72 12.97 | 6.55 -1.14 10.75 | 5.60 -1.13 11.75 | 13.98 -1.23 2.80 | 16.98 -1.02 0.95 | 16.12 -1.31 1.92 | 19.02 -1.18 0.01 | 21.92 -1.65 5.63 | 19.91 -1.12 1.80 | 19.27 -1.04 0.01 | 19.71 -1.21 0.00 | 23.65 -1.30 0.00 | 20.43 -1.11 0.00 | 19.31 -1.03 0.00 | 18.38 -1.09 0.00 | 19.69 -0.89 0.00 | 19.63 -0.79 0.00 | 25.31 -0.74 0.00 | 24.65 -0.75 0.00 | 21.44 -0.95 0.00 | 22.25 -1.67 0.00 | 17.94 -1.57 0.00 | 16.80 -1.28 0.43 | 18.69 -1.07 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 18.58 -0.56 0.00 | 17.87 -0.56 0.00 | 17.94 -0.55 0.00 | 17.47 -0.54 0.00 | 18.39 -0.56 0.00 | 18.87 -0.48 0.00 | 19.74 -0.48 0.00 | 28.60 -0.60 0.00 | 22.27 -0.57 0.00 | 19.80 -0.51 0.00 | 20.35 -0.57 0.00 | 24.19 -0.76 0.00 | 20.89 -0.65 0.00 | 19.76 -0.58 0.00 | 18.91 -0.57 0.00 | 19.97 -0.61 0.00 | 19.95 -0.48 0.00 | 25.54 -0.51 0.00 | 24.94 -0.46 0.00 | 21.90 -0.49 0.00 | 23.24 -0.67 0.00 | 18.95 -0.55 0.00 | 18.01 -0.50 0.00 | 19.25 -0.51 0.00 |
| ELEC_TRO_TEK 24086 | 20.46 1.32 0.00 | 19.64 1.21 0.00 | 19.69 1.20 0.00 | 19.12 1.10 0.00 | 20.11 1.17 0.00 | 20.70 1.35 0.00 | 34.09 1.70 -12.18 | 69.71 2.63 -37.87 | 57.49 2.03 -32.62 | 22.95 1.79 -0.85 | 70.01 1.58 -47.51 | 26.41 1.46 0.00 | 22.76 1.22 0.00 | 36.33 1.25 -14.75 | 33.23 1.23 -12.52 | 33.13 1.33 -11.22 | 70.16 1.42 -48.32 | 54.59 2.08 -26.46 | 33.65 2.07 -6.19 | 24.07 1.68 0.00 | 25.62 1.71 0.00 | 21.23 1.39 -0.35 | 19.96 1.27 -0.18 | 21.06 1.25 -0.06 |
| ELLENBURG_WT_PWR 323604 | 18.85 -0.30 0.00 | 18.11 -0.33 0.00 | 18.13 -0.36 0.00 | 17.84 -0.18 0.00 | 18.89 -0.05 0.00 | 19.15 -0.20 0.00 | 19.88 -0.33 0.00 | 28.45 -0.75 0.00 | 22.50 -0.34 0.00 | 20.05 -0.26 0.00 | 20.69 -0.23 0.00 | 25.12 0.16 0.00 | 21.77 0.23 0.00 | 20.35 0.02 0.00 | 19.80 0.33 0.00 | 20.94 0.36 0.00 | 20.56 0.14 0.00 | 25.82 -0.23 0.00 | 24.91 -0.49 0.00 | 21.89 -0.50 0.00 | 23.57 -0.33 0.00 | 19.02 -0.49 0.00 | 15.04 -0.64 2.83 | 3.30 -0.34 16.11 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 13.49 -1.64 4.02 | 13.38 -1.72 3.33 | 13.13 -1.70 3.66 | 15.42 -1.73 0.87 | 13.89 -1.78 3.28 | 11.23 -1.46 6.66 | 18.62 -1.56 0.04 | 7.39 -2.33 19.48 | 14.61 -1.99 6.25 | 18.64 -1.66 0.02 | 19.16 -1.76 0.00 | 23.03 -1.93 0.00 | 19.99 -1.55 0.00 | 18.84 -1.50 0.00 | 17.78 -1.69 0.00 | 18.78 -1.80 0.00 | 18.88 -1.55 0.00 | 24.02 -2.04 0.00 | 23.53 -1.87 0.00 | 20.53 -1.86 0.00 | 21.56 -2.35 0.00 | 17.54 -1.97 0.00 | 16.56 -1.84 0.11 | 17.91 -1.85 0.00 |
| EMPIRE_CC_1 323656 | 19.80 0.65 0.00 | 19.05 0.62 0.00 | 19.11 0.63 0.00 | 18.65 0.63 0.00 | 19.61 0.67 0.00 | 20.04 0.69 0.00 | 21.11 0.90 0.00 | 30.43 1.23 0.00 | 23.77 0.94 0.00 | 21.13 0.81 0.00 | 21.57 0.64 0.00 | 25.60 0.64 0.00 | 22.04 0.50 0.00 | 20.78 0.44 0.00 | 19.91 0.44 0.00 | 21.02 0.44 0.00 | 20.98 0.56 0.00 | 26.95 0.90 0.00 | 26.26 0.86 0.00 | 23.05 0.65 0.00 | 24.59 0.68 0.00 | 20.11 0.61 0.00 | 19.11 0.60 0.00 | 20.38 0.62 0.00 |
| EMPIRE_CC_2 323658 | 19.80 0.65 0.00 | 19.05 0.62 0.00 | 19.11 0.63 0.00 | 18.65 0.63 0.00 | 19.61 0.67 0.00 | 20.04 0.69 0.00 | 21.11 0.90 0.00 | 30.43 1.23 0.00 | 23.77 0.94 0.00 | 21.13 0.81 0.00 | 21.57 0.64 0.00 | 25.60 0.64 0.00 | 22.04 0.50 0.00 | 20.78 0.44 0.00 | 19.91 0.44 0.00 | 21.02 0.44 0.00 | 20.98 0.56 0.00 | 26.95 0.90 0.00 | 26.26 0.86 0.00 | 23.05 0.65 0.00 | 24.59 0.68 0.00 | 20.11 0.61 0.00 | 19.11 0.60 0.00 | 20.38 0.62 0.00 |
| ENORWICH_115KV_TB1 80156 | 26.14 0.30 -6.70 | 24.54 0.55 -5.55 | 24.78 0.37 -5.92 | 19.81 0.35 -1.45 | 19.24 0.56 0.26 | 19.39 0.57 0.53 | 21.06 0.85 0.00 | 29.12 1.47 1.55 | 23.51 1.17 0.50 | 21.34 1.03 0.00 | 21.86 0.94 0.00 | 26.04 1.08 0.00 | 22.44 0.90 0.00 | 21.25 0.92 0.00 | 20.29 0.81 0.00 | 21.67 1.09 0.00 | 21.71 1.28 0.00 | 27.69 1.63 0.00 | 26.94 1.53 0.00 | 23.42 1.03 0.00 | 24.84 0.93 0.00 | 20.08 0.58 0.00 | 19.28 0.56 -0.22 | 20.36 0.60 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 13.46 -1.31 4.38 | 13.40 -1.41 3.63 | 13.11 -1.39 3.99 | 15.63 -1.44 0.95 | 14.46 -1.45 3.03 | 12.18 -1.02 6.15 | 19.24 -0.94 0.04 | 9.94 -1.28 17.98 | 15.94 -1.13 5.77 | 19.39 -0.91 0.02 | 19.95 -0.97 0.00 | 23.97 -0.98 0.00 | 20.77 -0.77 0.00 | 19.57 -0.77 0.00 | 18.50 -0.98 0.00 | 19.60 -0.98 0.00 | 19.68 -0.74 0.00 | 24.65 -1.40 0.00 | 24.13 -1.28 0.00 | 21.05 -1.34 0.00 | 22.10 -1.80 0.00 | 17.97 -1.53 0.00 | 17.00 -1.39 0.12 | 18.38 -1.38 0.00 |
| ERIE_WT_PWR 323693 | 13.33 -1.59 4.23 | 13.28 -1.66 3.50 | 13.00 -1.64 3.85 | 15.44 -1.66 0.91 | 14.12 -1.72 3.11 | 11.64 -1.41 6.31 | 18.76 -1.42 0.04 | 8.56 -2.19 18.46 | 15.10 -1.81 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.68 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.94 -1.54 0.00 | 18.98 -1.60 0.00 | 19.07 -1.36 0.00 | 24.16 -1.89 0.00 | 23.70 -1.70 0.00 | 20.66 -1.73 0.00 | 21.73 -2.18 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 19.63 0.48 0.00 | 18.91 0.48 0.00 | 18.98 0.50 0.00 | 18.47 0.46 0.00 | 19.35 0.50 0.10 | 19.80 0.64 0.20 | 20.89 0.68 0.00 | 29.76 1.14 0.58 | 23.55 0.90 0.18 | 21.09 0.77 0.00 | 21.68 0.75 0.00 | 25.99 1.04 0.00 | 22.48 0.93 0.00 | 21.25 0.91 0.00 | 20.20 0.73 0.00 | 21.39 0.81 0.00 | 21.30 0.88 0.00 | 27.22 1.17 0.00 | 26.53 1.13 0.00 | 23.32 0.93 0.00 | 24.77 0.86 0.00 | 20.19 0.69 0.00 | 19.08 0.57 0.00 | 20.35 0.59 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 34.32 -0.13 -15.31 | 31.00 -0.12 -12.68 | 32.12 -0.14 -13.77 | 21.17 -0.14 -3.30 | 18.61 -0.09 0.24 | 18.87 0.01 0.49 | 20.34 0.13 0.00 | 28.07 0.30 1.44 | 22.56 0.18 0.46 | 20.41 0.09 0.00 | 20.87 -0.05 0.00 | 24.74 -0.21 0.00 | 21.35 -0.19 0.00 | 20.23 -0.11 0.00 | 19.34 -0.13 0.00 | 20.52 -0.07 0.00 | 20.52 0.10 0.00 | 26.34 0.29 0.00 | 25.73 0.33 0.00 | 22.54 0.15 0.00 | 23.88 -0.03 0.00 | 19.42 -0.08 0.00 | 18.92 -0.08 -0.50 | 19.66 -0.09 0.00 |
| ETNA_____115KV_TB2 80207 | 34.32 -0.13 -15.31 | 31.00 -0.12 -12.68 | 32.12 -0.14 -13.77 | 21.17 -0.14 -3.30 | 18.61 -0.09 0.24 | 18.87 0.01 0.49 | 20.34 0.13 0.00 | 28.07 0.30 1.44 | 22.56 0.18 0.46 | 20.41 0.09 0.00 | 20.87 -0.05 0.00 | 24.74 -0.21 0.00 | 21.35 -0.19 0.00 | 20.23 -0.11 0.00 | 19.34 -0.13 0.00 | 20.52 -0.07 0.00 | 20.52 0.10 0.00 | 26.34 0.29 0.00 | 25.73 0.33 0.00 | 22.54 0.15 0.00 | 23.88 -0.03 0.00 | 19.42 -0.08 0.00 | 18.92 -0.08 -0.50 | 19.66 -0.09 0.00 |
| EUCLID___115KV_TB2 356179 | 18.45 -0.70 0.00 | 17.74 -0.69 0.00 | 17.78 -0.70 0.00 | 17.31 -0.70 0.00 | 18.22 -0.72 0.00 | 18.70 -0.65 0.00 | 19.56 -0.65 0.00 | 28.28 -0.93 0.00 | 22.06 -0.78 0.00 | 19.60 -0.72 0.00 | 20.18 -0.75 0.00 | 23.96 -0.99 0.00 | 20.74 -0.80 0.00 | 19.61 -0.73 0.00 | 18.74 -0.73 0.00 | 19.81 -0.77 0.00 | 19.76 -0.67 0.00 | 25.29 -0.77 0.00 | 24.67 -0.73 0.00 | 21.67 -0.72 0.00 | 22.99 -0.91 0.00 | 18.77 -0.72 0.00 | 17.85 -0.66 0.00 | 19.10 -0.66 0.00 |
| E_CANADA_CAP_HY 24051 | 19.82 0.68 0.00 | 19.10 0.66 0.00 | 19.16 0.67 0.00 | 18.65 0.64 0.00 | 19.61 0.66 0.00 | 20.17 0.82 0.00 | 21.03 0.82 0.00 | 30.45 1.25 0.00 | 23.81 0.98 0.00 | 21.12 0.80 0.00 | 21.65 0.73 0.00 | 26.13 1.17 0.00 | 22.61 1.07 0.00 | 21.37 1.03 0.00 | 20.28 0.81 0.00 | 21.48 0.89 0.00 | 21.37 0.95 0.00 | 27.35 1.29 0.00 | 26.64 1.24 0.00 | 23.48 1.08 0.00 | 24.97 1.07 0.00 | 20.42 0.92 0.00 | 19.30 0.79 0.00 | 20.59 0.83 0.00 |
| E_CANADA_MHWK_HY 24050 | 19.40 0.25 0.00 | 18.64 0.21 0.00 | 18.72 0.23 0.00 | 18.23 0.22 0.00 | 19.20 0.26 0.00 | 19.68 0.33 0.00 | 20.88 0.67 0.00 | 30.23 1.03 0.00 | 23.65 0.81 0.00 | 20.80 0.48 0.00 | 21.17 0.25 0.00 | 25.11 0.16 0.00 | 21.58 0.04 0.00 | 20.36 0.02 0.00 | 19.52 0.04 0.00 | 20.61 0.03 0.00 | 20.63 0.21 0.00 | 26.73 0.68 0.00 | 26.13 0.73 0.00 | 22.85 0.46 0.00 | 24.36 0.45 0.00 | 19.85 0.35 0.00 | 18.89 0.39 0.00 | 20.07 0.32 0.00 |
| E_FISHKILL___LBMP 23776 | 20.05 0.90 0.00 | 19.26 0.82 0.00 | 19.32 0.84 0.00 | 18.79 0.78 0.00 | 19.79 0.85 0.00 | 20.34 0.99 0.00 | 21.50 1.29 0.00 | 31.23 2.02 0.00 | 24.40 1.56 0.00 | 21.69 1.37 0.00 | 22.08 1.16 0.00 | 26.05 1.09 0.00 | 22.45 0.91 0.00 | 21.23 0.89 0.00 | 20.32 0.85 0.00 | 21.51 0.93 0.00 | 21.48 1.06 0.00 | 27.67 1.62 0.00 | 27.01 1.60 0.00 | 23.64 1.25 0.00 | 25.12 1.21 0.00 | 20.45 0.96 0.00 | 19.40 0.89 0.00 | 20.61 0.85 0.00 |
| FALCON___SEABRD_CC1 323796 | 19.09 -0.05 0.00 | 18.34 -0.09 0.00 | 18.35 -0.14 0.00 | 18.02 0.01 0.00 | 19.08 0.14 0.00 | 19.30 -0.05 0.00 | 20.07 -0.14 0.00 | 28.74 -0.46 0.00 | 22.69 -0.14 0.00 | 20.23 -0.08 0.00 | 20.84 -0.08 0.00 | 25.29 0.33 0.00 | 21.92 0.38 0.00 | 20.50 0.16 0.00 | 19.95 0.47 0.00 | 21.13 0.55 0.00 | 20.78 0.36 0.00 | 26.09 0.04 0.00 | 25.18 -0.22 0.00 | 22.06 -0.33 0.00 | 23.69 -0.21 0.00 | 19.16 -0.34 2.86 | 15.14 -0.52 16.26 | 3.35 -0.15 |
| FALCON___SEABRD_CC2 323797 | 19.09 -0.05 0.00 | 18.34 -0.09 0.00 | 18.35 -0.14 0.00 | 18.02 0.01 0.00 | 19.08 0.14 0.00 | 19.30 -0.05 0.00 | 20.07 -0.14 0.00 | 28.74 -0.46 0.00 | 22.69 -0.14 0.00 | 20.23 -0.08 0.00 | 20.84 -0.08 0.00 | 25.29 0.33 0.00 | 21.92 0.38 0.00 | 20.50 0.16 0.00 | 19.95 0.47 0.00 | 21.13 0.55 0.00 | 20.78 0.36 0.00 | 26.09 0.04 0.00 | 25.18 -0.22 0.00 | 22.06 -0.33 0.00 | 23.69 -0.21 0.00 | 19.16 -0.34 2.86 | 15.14 -0.52 16.26 | 3.35 -0.15 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| FAR ROCKAWAY___4 23548 | 20.68 1.53 0.00 | 19.85 1.41 0.00 | 19.89 1.40 0.00 | 19.30 1.29 0.00 | 20.32 1.37 0.00 | 20.92 1.57 0.00 | 34.32 1.93 -12.18 | 70.05 2.97 -37.87 | 57.76 2.30 -32.62 | 23.21 2.04 -0.85 | 70.18 1.75 -47.51 | 26.40 1.45 0.00 | 22.98 1.44 0.00 | 36.58 1.49 -14.75 | 33.45 1.46 -12.52 | 33.31 1.50 -11.22 | 70.45 1.71 -48.32 | 54.85 2.34 -26.46 | 33.73 2.14 -6.19 | 24.27 1.88 0.00 | 25.92 2.01 0.00 | 21.47 1.62 -0.35 | 20.17 1.49 -0.18 | 21.29 1.48 -0.06 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.49 1.01 0.00 | 18.92 0.91 0.00 | 19.91 0.96 0.00 | 20.49 1.14 0.00 | 21.77 1.56 0.00 | 31.72 2.52 0.00 | 24.80 1.96 0.00 | 22.09 1.78 0.00 | 22.47 1.55 0.00 | 26.40 1.44 0.00 | 22.78 1.24 0.00 | 21.56 1.23 0.00 | 20.65 1.18 0.00 | 21.83 1.25 0.00 | 21.77 1.35 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.93 1.54 0.00 | 25.41 1.50 0.00 | 20.69 1.19 0.00 | 19.61 1.10 0.00 | 20.76 1.01 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 20.25 1.10 0.00 | 19.43 0.99 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.92 0.97 0.00 | 20.50 1.15 0.00 | 21.79 1.58 0.00 | 31.74 2.53 0.00 | 24.82 1.98 0.00 | 22.10 1.79 0.00 | 22.48 1.56 0.00 | 26.41 1.46 0.00 | 22.78 1.24 0.00 | 21.58 1.24 0.00 | 20.66 1.19 0.00 | 21.84 1.26 0.00 | 21.79 1.36 0.00 | 28.06 2.01 0.00 | 27.40 2.00 0.00 | 23.95 1.56 0.00 | 25.43 1.52 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.77 1.02 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 20.23 1.08 0.00 | 19.41 0.97 0.00 | 19.48 1.00 0.00 | 18.92 0.90 0.00 | 19.90 0.96 0.00 | 20.49 1.13 0.00 | 21.77 1.55 0.00 | 31.70 2.50 0.00 | 24.79 1.96 0.00 | 22.08 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.43 0.00 | 22.76 1.22 0.00 | 21.56 1.22 0.00 | 20.64 1.17 0.00 | 21.82 1.24 0.00 | 21.76 1.34 0.00 | 28.03 1.98 0.00 | 27.37 1.96 0.00 | 23.92 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.75 0.99 0.00 |
| FARRAGUT___LBMP 323566 | 20.21 1.06 0.00 | 19.40 0.96 0.00 | 19.47 0.99 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.47 1.12 0.00 | 21.75 1.54 0.00 | 31.68 2.48 0.00 | 24.77 1.94 0.00 | 22.07 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.08 0.00 | 20.74 0.99 0.00 |
| FENNER___WINDPWR 24204 | 21.99 -0.03 -2.88 | 20.80 -0.02 -2.38 | 21.04 -0.04 -2.59 | 18.58 -0.05 -0.62 | 18.94 -0.01 0.00 | 19.44 0.08 0.00 | 20.40 0.19 0.00 | 29.53 0.33 0.00 | 23.07 0.23 0.00 | 20.50 0.18 0.00 | 21.04 0.12 0.00 | 25.04 0.08 0.00 | 21.63 0.08 0.00 | 20.42 0.08 0.00 | 19.56 0.09 0.00 | 20.67 0.09 0.00 | 20.62 0.20 0.00 | 26.44 0.39 0.00 | 25.76 0.36 0.00 | 22.60 0.20 0.00 | 23.99 0.08 0.00 | 19.54 0.04 0.00 | 18.62 0.01 -0.09 | 19.72 -0.03 0.00 |
| FIBERTEK___ENERGY 23856 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |
| FITZPATRICK___ 23598 | 18.28 -0.86 0.00 | 17.59 -0.84 0.00 | 17.64 -0.85 0.00 | 17.17 -0.84 0.00 | 18.06 -0.88 0.00 | 18.51 -0.85 0.00 | 19.32 -0.89 0.00 | 27.93 -1.27 0.00 | 21.81 -1.03 0.00 | 19.40 -0.92 0.00 | 19.99 -0.93 0.00 | 23.75 -1.21 0.00 | 20.54 -1.00 0.00 | 19.42 -0.91 0.00 | 18.58 -0.89 0.00 | 19.63 -0.95 0.00 | 19.56 -0.87 0.00 | 24.99 -1.07 0.00 | 24.37 -1.03 0.00 | 21.43 -0.96 0.00 | 22.78 -1.13 0.00 | 18.62 -0.88 0.00 | 17.71 -0.80 0.00 | 18.95 -0.80 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 20.89 1.74 0.00 | 20.02 1.58 0.00 | 20.06 1.58 0.00 | 19.47 1.45 0.00 | 20.46 1.51 0.00 | 21.05 1.70 0.00 | 34.44 2.05 -12.18 | 70.25 3.17 -37.87 | 57.87 2.42 -32.62 | 23.27 2.10 -0.85 | 70.33 1.90 -47.51 | 26.66 1.71 0.00 | 22.86 1.32 0.00 | 36.49 1.41 -14.75 | 33.42 1.43 -12.52 | 33.36 1.55 -11.22 | 70.48 1.74 -48.32 | 55.01 2.50 -26.46 | 34.06 2.47 -6.19 | 24.41 2.02 0.00 | 26.01 2.10 0.00 | 21.56 1.72 -0.35 | 20.21 1.52 -0.18 | 21.34 1.53 -0.06 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 20.27 1.12 0.00 | 19.46 1.02 0.00 | 19.52 1.03 0.00 | 18.98 0.97 0.00 | 20.00 1.05 0.00 | 20.57 1.21 0.00 | 21.75 1.54 0.00 | 31.61 2.41 0.00 | 24.69 1.86 0.00 | 21.92 1.61 0.00 | 22.29 1.36 0.00 | 26.30 1.34 0.00 | 22.68 1.14 0.00 | 21.45 1.11 0.00 | 20.53 1.06 0.00 | 21.75 1.17 0.00 | 21.74 1.32 0.00 | 28.02 1.96 0.00 | 27.36 1.95 0.00 | 23.95 1.55 0.00 | 25.43 1.52 0.00 | 20.70 1.20 0.00 | 19.61 1.10 0.00 | 20.82 1.06 0.00 |
| FORT ORANGE___ 23900 | 19.85 0.71 0.00 | 19.11 0.67 0.00 | 19.16 0.67 0.00 | 18.70 0.69 0.00 | 19.64 0.70 0.00 | 20.11 0.75 0.00 | 21.13 0.92 0.00 | 30.40 1.20 0.00 | 23.79 0.95 0.00 | 21.07 0.76 0.00 | 21.42 0.50 0.00 | 25.47 0.52 0.00 | 21.87 0.32 0.00 | 20.62 0.28 0.00 | 19.76 0.29 0.00 | 20.94 0.36 0.00 | 20.97 0.55 0.00 | 26.98 0.93 0.00 | 26.30 0.90 0.00 | 23.06 0.67 0.00 | 24.57 0.66 0.00 | 20.07 0.57 0.00 | 19.16 0.65 0.00 | 20.48 0.73 0.00 |
| FORT_DRUM_COGEN 23780 | 18.15 -1.00 0.00 | 17.62 -0.82 0.00 | 17.53 -0.96 0.00 | 17.11 -0.90 0.00 | 18.09 -0.86 0.00 | 18.53 -0.82 0.00 | 19.52 -0.69 0.00 | 28.34 -0.87 0.00 | 22.16 -0.67 0.00 | 19.44 -0.87 0.00 | 20.02 -0.90 0.00 | 24.00 -0.95 0.00 | 20.58 -0.96 0.00 | 19.39 -0.95 0.00 | 18.88 -0.59 0.00 | 19.98 -0.60 0.00 | 20.00 -0.42 0.00 | 25.52 -0.53 0.00 | 24.67 -0.73 0.00 | 21.64 -0.75 0.00 | 22.89 -1.02 0.00 | 18.59 -0.91 0.00 | 17.73 -0.90 -0.12 | 19.41 -1.04 -0.69 |
| FOX_HILLS___ESR 323835 | 20.28 1.13 0.00 | 19.46 1.02 0.00 | 19.52 1.04 0.00 | 18.96 0.95 0.00 | 19.95 1.01 0.00 | 20.53 1.18 0.00 | 21.83 1.62 0.00 | 31.76 2.55 0.00 | 24.84 2.00 0.00 | 22.16 1.85 0.00 | 22.53 1.61 0.00 | 26.46 1.51 0.00 | 22.83 1.29 0.00 | 21.61 1.27 0.00 | 20.71 1.24 0.00 | 21.85 1.27 0.00 | 21.81 1.38 0.00 | 28.09 2.04 0.00 | 27.42 2.02 0.00 | 23.96 1.57 0.00 | 25.42 1.51 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.76 1.00 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 20.69 1.54 0.00 | 19.84 1.41 0.00 | 19.89 1.40 0.00 | 19.30 1.29 0.00 | 20.32 1.37 0.00 | 20.92 1.57 0.00 | 34.32 1.93 -12.18 | 70.07 2.99 -37.87 | 57.76 2.30 -32.62 | 23.21 2.04 -0.85 | 70.18 1.75 -47.51 | 26.40 1.45 0.00 | 22.98 1.44 0.00 | 36.58 1.49 -14.75 | 33.46 1.46 -12.52 | 33.31 1.50 -11.22 | 70.45 1.71 -48.32 | 54.85 2.34 -26.46 | 33.73 2.14 -6.19 | 24.27 1.88 0.00 | 25.92 2.01 0.00 | 21.47 1.62 -0.35 | 20.17 1.49 -0.18 | 21.29 1.48 -0.06 |
| FPL_FAR_ROCK_GT2 23815 | 20.69 1.54 0.00 | 19.84 1.41 0.00 | 19.89 1.40 0.00 | 19.30 1.29 0.00 | 20.32 1.37 0.00 | 20.92 1.57 0.00 | 34.32 1.93 -12.18 | 70.07 2.99 -37.87 | 57.76 2.30 -32.62 | 23.21 2.04 -0.85 | 70.18 1.75 -47.51 | 26.40 1.45 0.00 | 22.98 1.44 0.00 | 36.58 1.49 -14.75 | 33.46 1.46 -12.52 | 33.31 1.50 -11.22 | 70.45 1.71 -48.32 | 54.85 2.34 -26.46 | 33.73 2.14 -6.19 | 24.27 1.88 0.00 | 25.92 2.01 0.00 | 21.47 1.62 -0.35 | 20.17 1.49 -0.18 | 21.29 1.48 -0.06 |

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| FRANKLIN_FALL_HYD 24054 | 19.05 -0.10 0.00 | 18.35 -0.09 0.00 | 18.36 -0.12 0.00 | 18.03 0.02 0.00 | 19.07 0.13 0.00 | 19.37 0.02 0.00 | 20.08 -0.13 0.00 | 28.87 -0.33 0.00 | 22.83 -0.01 0.00 | 20.37 0.06 0.00 | 21.03 0.11 0.00 | 25.49 0.54 0.00 | 22.04 0.50 0.00 | 20.60 0.26 0.00 | 19.97 0.50 0.00 | 21.10 0.52 0.00 | 20.74 0.32 0.00 | 26.10 0.04 0.00 | 25.23 -0.17 0.00 | 22.24 -0.16 0.00 | 23.91 0.00 0.00 | 19.33 -0.17 0.00 | 20.15 -0.32 -1.96 | 30.83 -0.07 -11.15 |
| FREEPORT_EQUS_GT1 23764 | 20.59 1.44 0.00 | 19.76 1.32 0.00 | 19.80 1.31 0.00 | 19.21 1.20 0.00 | 20.21 1.26 0.00 | 20.82 1.46 0.00 | 34.18 1.79 -12.18 | 69.76 2.68 -37.87 | 57.61 2.15 -32.62 | 23.05 1.89 -0.85 | 70.05 1.61 -47.51 | 26.50 1.54 0.00 | 22.82 1.28 0.00 | 36.40 1.31 -14.75 | 33.30 1.30 -12.52 | 33.22 1.41 -11.22 | 70.23 1.49 -48.32 | 54.68 2.17 -26.46 | 33.81 2.22 -6.19 | 24.21 1.82 0.00 | 25.77 1.87 0.00 | 21.36 1.52 -0.35 | 20.09 1.40 -0.18 | 21.19 1.37 -0.06 |
| FREEPORT___CT2 23818 | 20.59 1.44 0.00 | 19.76 1.32 0.00 | 19.80 1.31 0.00 | 19.21 1.20 0.00 | 20.21 1.26 0.00 | 20.82 1.46 0.00 | 34.18 1.79 -12.18 | 69.76 2.68 -37.87 | 57.61 2.15 -32.62 | 23.05 1.89 -0.85 | 70.05 1.61 -47.51 | 26.50 1.54 0.00 | 22.82 1.28 0.00 | 36.40 1.31 -14.75 | 33.30 1.30 -12.52 | 33.22 1.41 -11.22 | 70.23 1.49 -48.32 | 54.68 2.17 -26.46 | 33.81 2.22 -6.19 | 24.21 1.82 0.00 | 25.77 1.87 0.00 | 21.36 1.52 -0.35 | 20.09 1.40 -0.18 | 21.19 1.37 -0.06 |
| FRESHKLS_33_KV_LOAD 356253 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.94 0.92 0.00 | 19.93 0.98 0.00 | 20.51 1.16 0.00 | 21.80 1.59 0.00 | 31.70 2.49 0.00 | 24.79 1.96 0.00 | 22.13 1.81 0.00 | 22.49 1.57 0.00 | 26.41 1.45 0.00 | 22.77 1.23 0.00 | 21.56 1.22 0.00 | 20.67 1.20 0.00 | 21.80 1.21 0.00 | 21.76 1.33 0.00 | 28.02 1.97 0.00 | 27.36 1.95 0.00 | 23.92 1.52 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.72 0.96 0.00 |
| FULTON COGEN____ 23766 | 18.39 -0.75 0.00 | 17.69 -0.75 0.00 | 17.72 -0.76 0.00 | 17.25 -0.76 0.00 | 18.16 -0.78 0.00 | 18.64 -0.71 0.00 | 19.50 -0.71 0.00 | 28.21 -1.00 0.00 | 21.99 -0.85 0.00 | 19.53 -0.79 0.00 | 20.09 -0.83 0.00 | 23.88 -1.07 0.00 | 20.68 -0.86 0.00 | 19.56 -0.78 0.00 | 18.68 -0.79 0.00 | 19.77 -0.82 0.00 | 19.71 -0.72 0.00 | 25.22 -0.83 0.00 | 24.60 -0.80 0.00 | 21.61 -0.78 0.00 | 22.94 -0.97 0.00 | 18.73 -0.77 0.00 | 17.81 -0.70 0.00 | 19.04 -0.72 0.00 |
| FULTON___LFGE 323630 | 20.77 1.62 0.00 | 19.98 1.54 0.00 | 20.02 1.54 0.00 | 19.49 1.47 0.00 | 20.52 1.58 0.00 | 21.18 1.83 0.00 | 22.27 2.06 0.00 | 32.33 3.12 0.00 | 25.19 2.35 0.00 | 21.85 1.53 0.00 | 21.77 0.85 0.00 | 26.64 1.69 0.00 | 23.14 1.60 0.00 | 21.79 1.45 0.00 | 20.58 1.11 0.00 | 21.88 1.30 0.00 | 22.08 1.66 0.00 | 28.88 2.83 0.00 | 28.21 2.81 0.00 | 24.78 2.39 0.00 | 26.32 2.41 0.00 | 21.44 1.94 0.00 | 20.23 1.72 0.00 | 21.52 1.76 0.00 |
| G.F.CEMENT___DRP 24184 | 20.10 0.95 0.00 | 19.30 0.87 0.00 | 19.37 0.88 0.00 | 18.90 0.88 0.00 | 19.92 0.97 0.00 | 20.44 1.08 0.00 | 21.68 1.47 0.00 | 31.48 2.27 0.00 | 24.57 1.73 0.00 | 21.65 1.33 0.00 | 21.97 1.05 0.00 | 26.14 1.19 0.00 | 22.41 0.87 0.00 | 21.15 0.81 0.00 | 20.36 0.89 0.00 | 21.59 1.01 0.00 | 21.68 1.26 0.00 | 27.98 1.93 0.00 | 27.25 1.85 0.00 | 23.88 1.49 0.00 | 25.34 1.43 0.00 | 20.59 1.09 0.00 | 19.48 0.97 0.00 | 20.67 0.91 0.00 |
| GARDENVILLE___LBMP 24039 | 13.41 -1.61 4.13 | 13.32 -1.70 3.42 | 13.07 -1.67 3.76 | 15.42 -1.70 0.89 | 14.00 -1.74 3.20 | 11.44 -1.42 6.49 | 18.69 -1.48 0.04 | 8.02 -2.20 18.98 | 14.87 -1.88 6.09 | 18.73 -1.56 0.02 | 19.26 -1.66 0.00 | 23.15 -1.80 0.00 | 20.09 -1.45 0.00 | 18.93 -1.41 0.00 | 17.86 -1.61 0.00 | 18.88 -1.70 0.00 | 18.98 -1.44 0.00 | 24.09 -1.96 0.00 | 23.61 -1.79 0.00 | 20.59 -1.80 0.00 | 21.62 -2.29 0.00 | 17.57 -1.93 0.00 | 16.59 -1.81 0.12 | 17.95 -1.81 0.00 |
| GARDNVLA_35_KV_LD 355827 | 13.32 -1.56 4.27 | 13.26 -1.64 3.54 | 12.98 -1.62 3.88 | 15.44 -1.65 0.92 | 14.18 -1.69 3.08 | 11.76 -1.35 6.24 | 18.79 -1.39 0.04 | 8.91 -2.03 18.26 | 15.24 -1.74 5.86 | 18.85 -1.45 0.02 | 19.39 -1.54 0.00 | 23.30 -1.65 0.00 | 20.22 -1.33 0.00 | 19.05 -1.29 0.00 | 17.97 -1.50 0.00 | 19.00 -1.58 0.00 | 19.10 -1.33 0.00 | 24.20 -1.85 0.00 | 23.75 -1.65 0.00 | 20.70 -1.69 0.00 | 21.74 -2.17 0.00 | 17.66 -1.84 0.00 | 16.67 -1.72 0.12 | 18.03 -1.73 0.00 |
| GELCKHM__115KV_LOAD 80723 | 18.54 -0.61 0.00 | 17.83 -0.61 0.00 | 17.87 -0.61 0.00 | 17.39 -0.62 0.00 | 18.32 -0.63 0.00 | 18.80 -0.55 0.00 | 19.67 -0.55 0.00 | 28.44 -0.76 0.00 | 22.19 -0.65 0.00 | 19.71 -0.61 0.00 | 20.28 -0.64 0.00 | 24.09 -0.86 0.00 | 20.84 -0.70 0.00 | 19.71 -0.63 0.00 | 18.83 -0.64 0.00 | 19.92 -0.66 0.00 | 19.87 -0.56 0.00 | 25.42 -0.63 0.00 | 24.81 -0.59 0.00 | 21.79 -0.60 0.00 | 23.13 -0.78 0.00 | 18.88 -0.62 0.00 | 17.94 -0.56 0.00 | 19.18 -0.57 0.00 |
| GENERAL___MILLS 23808 | 13.35 -1.57 4.23 | 13.28 -1.66 3.50 | 13.01 -1.63 3.85 | 15.44 -1.66 0.91 | 14.13 -1.70 3.11 | 11.68 -1.37 6.31 | 18.77 -1.41 0.04 | 8.66 -2.08 18.46 | 15.14 -1.77 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.69 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.95 -1.53 0.00 | 18.98 -1.60 0.00 | 19.07 -1.35 0.00 | 24.17 -1.88 0.00 | 23.70 -1.70 0.00 | 20.67 -1.73 0.00 | 21.70 -2.20 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| GE_PLASTICS___DRP 24183 | 19.74 0.59 0.00 | 19.00 0.56 0.00 | 19.05 0.56 0.00 | 18.58 0.57 0.00 | 19.53 0.58 0.00 | 19.98 0.63 0.00 | 21.00 0.79 0.00 | 30.27 1.07 0.00 | 23.68 0.84 0.00 | 21.01 0.69 0.00 | 21.44 0.52 0.00 | 25.46 0.50 0.00 | 21.91 0.36 0.00 | 20.66 0.33 0.00 | 19.79 0.32 0.00 | 20.96 0.37 0.00 | 20.93 0.51 0.00 | 26.89 0.84 0.00 | 26.21 0.81 0.00 | 22.99 0.60 0.00 | 24.49 0.58 0.00 | 19.99 0.49 0.00 | 19.05 0.54 0.00 | 20.34 0.59 0.00 |
| GILBOA___1 23756 | 19.71 0.56 0.00 | 18.96 0.52 0.00 | 19.01 0.53 0.00 | 18.58 0.57 0.00 | 19.50 0.56 0.00 | 19.97 0.62 0.00 | 20.95 0.74 0.00 | 30.35 1.15 0.00 | 23.71 0.88 0.00 | 21.07 0.75 0.00 | 21.53 0.60 0.00 | 25.53 0.58 0.00 | 22.00 0.45 0.00 | 20.78 0.44 0.00 | 19.89 0.41 0.00 | 21.05 0.46 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.29 0.88 0.00 | 23.06 0.66 0.00 | 24.53 0.62 0.00 | 20.00 0.50 0.00 | 18.98 0.47 0.00 | 20.22 0.46 0.00 |
| GILBOA___2 23757 | 19.71 0.56 0.00 | 18.96 0.52 0.00 | 19.01 0.53 0.00 | 18.58 0.57 0.00 | 19.50 0.56 0.00 | 19.97 0.62 0.00 | 20.95 0.74 0.00 | 30.35 1.15 0.00 | 23.71 0.88 0.00 | 21.07 0.75 0.00 | 21.53 0.60 0.00 | 25.53 0.58 0.00 | 22.00 0.45 0.00 | 20.78 0.44 0.00 | 19.89 0.41 0.00 | 21.05 0.46 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.29 0.88 0.00 | 23.06 0.66 0.00 | 24.53 0.62 0.00 | 20.00 0.50 0.00 | 18.98 0.47 0.00 | 20.22 0.46 0.00 |
| GILBOA___3 23758 | 19.71 0.56 0.00 | 18.96 0.52 0.00 | 19.01 0.53 0.00 | 18.58 0.57 0.00 | 19.50 0.56 0.00 | 19.97 0.62 0.00 | 20.95 0.74 0.00 | 30.35 1.15 0.00 | 23.71 0.88 0.00 | 21.07 0.75 0.00 | 21.53 0.60 0.00 | 25.53 0.58 0.00 | 22.00 0.45 0.00 | 20.78 0.44 0.00 | 19.89 0.41 0.00 | 21.05 0.46 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.29 0.88 0.00 | 23.06 0.66 0.00 | 24.53 0.62 0.00 | 20.00 0.50 0.00 | 18.98 0.47 0.00 | 20.22 0.46 0.00 |

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| GILBOA___4 23759 | 19.71 0.56 0.00 | 18.96 0.52 0.00 | 19.01 0.53 0.00 | 18.58 0.57 0.00 | 19.50 0.56 0.00 | 19.97 0.62 0.00 | 20.95 0.74 0.00 | 30.35 1.15 0.00 | 23.71 0.88 0.00 | 21.07 0.75 0.00 | 21.53 0.60 0.00 | 25.53 0.58 0.00 | 22.00 0.45 0.00 | 20.78 0.44 0.00 | 19.89 0.41 0.00 | 21.05 0.46 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.29 0.88 0.00 | 23.06 0.66 0.00 | 24.53 0.62 0.00 | 20.00 0.50 0.00 | 18.98 0.47 0.00 | 20.22 0.46 0.00 |
| GILBOA___ 23599 | 19.71 0.56 0.00 | 18.95 0.52 0.00 | 19.01 0.53 0.00 | 18.58 0.57 0.00 | 19.50 0.56 0.00 | 19.97 0.62 0.00 | 20.95 0.74 0.00 | 30.34 1.14 0.00 | 23.71 0.88 0.00 | 21.07 0.75 0.00 | 21.53 0.60 0.00 | 25.53 0.58 0.00 | 22.00 0.45 0.00 | 20.78 0.44 0.00 | 19.89 0.41 0.00 | 21.05 0.46 0.00 | 20.99 0.57 0.00 | 26.95 0.90 0.00 | 26.29 0.89 0.00 | 23.06 0.66 0.00 | 24.53 0.62 0.00 | 20.00 0.50 0.00 | 18.98 0.47 0.00 | 20.22 0.46 0.00 |
| GINNA___ 23603 | 14.90 -1.78 2.47 | 14.60 -1.78 2.05 | 14.46 -1.78 2.25 | 15.71 -1.76 0.53 | 17.36 -1.83 -0.24 | 18.15 -1.69 -0.49 | 18.41 -1.80 0.00 | 27.96 -2.68 -1.44 | 21.08 -2.22 -0.46 | 18.36 -1.96 0.00 | 18.90 -2.02 0.00 | 22.56 -2.40 0.00 | 19.55 -1.99 0.00 | 18.44 -1.90 0.00 | 17.53 -1.94 0.00 | 18.49 -2.09 0.00 | 18.56 -1.87 0.00 | 23.87 -2.18 0.00 | 23.31 -2.09 0.00 | 20.43 -1.96 0.00 | 21.59 -2.31 0.00 | 17.59 -1.91 0.00 | 16.62 -1.81 0.08 | 17.86 -1.90 0.00 |
| GLEN PARK___ 23778 | 18.21 -0.93 0.00 | 17.66 -0.78 0.00 | 17.57 -0.91 0.00 | 17.16 -0.85 0.00 | 18.14 -0.81 0.00 | 18.59 -0.76 0.00 | 19.60 -0.61 0.00 | 28.46 -0.74 0.00 | 22.25 -0.58 0.00 | 19.48 -0.83 0.00 | 20.07 -0.85 0.00 | 24.02 -0.93 0.00 | 20.57 -0.97 0.00 | 19.40 -0.93 0.00 | 18.93 -0.54 0.00 | 20.02 -0.56 0.00 | 20.08 -0.34 0.00 | 25.64 -0.41 0.00 | 24.80 -0.60 0.00 | 21.76 -0.63 0.00 | 23.00 -0.91 0.00 | 18.67 -0.83 0.00 | 17.79 -0.83 -0.11 | 19.44 -0.97 -0.65 |
| GLENDALE_27_KV_LOAD 356172 | 20.31 1.17 0.00 | 19.49 1.06 0.00 | 19.56 1.07 0.00 | 18.98 0.97 0.00 | 19.98 1.03 0.00 | 20.57 1.22 0.00 | 21.88 1.67 0.00 | 31.88 2.67 0.00 | 24.93 2.10 0.00 | 22.21 1.89 0.00 | 22.59 1.67 0.00 | 26.54 1.59 0.00 | 22.89 1.35 0.00 | 21.68 1.34 0.00 | 20.77 1.30 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.18 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.52 1.61 0.00 | 20.77 1.27 0.00 | 19.68 1.17 0.00 | 20.84 1.08 0.00 |
| GLENWOOD_IC_1_G5 23712 | 20.57 1.42 0.00 | 19.74 1.30 0.00 | 19.79 1.30 0.00 | 19.21 1.19 0.00 | 20.21 1.26 0.00 | 20.80 1.45 0.00 | 34.20 1.81 -12.18 | 69.88 2.80 -37.87 | 57.55 2.10 -32.62 | 23.04 1.88 -0.85 | 70.14 1.70 -47.51 | 26.55 1.60 0.00 | 22.87 1.33 0.00 | 36.44 1.36 -14.75 | 33.34 1.34 -12.52 | 33.22 1.41 -11.22 | 70.20 1.46 -48.32 | 54.66 2.15 -26.46 | 33.74 2.15 -6.19 | 24.22 1.83 0.00 | 25.77 1.86 0.00 | 21.35 1.50 -0.35 | 20.07 1.38 -0.18 | 21.17 1.35 -0.06 |
| GLENWOOD_IC_2_G1 23688 | 20.52 1.38 0.00 | 19.69 1.26 0.00 | 19.74 1.25 0.00 | 19.16 1.15 0.00 | 20.17 1.22 0.00 | 20.75 1.40 0.00 | 34.14 1.76 -12.18 | 69.81 2.73 -37.87 | 57.54 2.09 -32.62 | 23.01 1.84 -0.85 | 70.07 1.64 -47.51 | 26.47 1.52 0.00 | 22.82 1.28 0.00 | 36.39 1.31 -14.75 | 33.28 1.29 -12.52 | 33.18 1.38 -11.22 | 70.21 1.47 -48.32 | 54.66 2.14 -26.46 | 33.72 2.13 -6.19 | 24.14 1.75 0.00 | 25.70 1.79 0.00 | 21.29 1.44 -0.35 | 20.02 1.33 -0.18 | 21.11 1.30 -0.06 |
| GLENWOOD_IC_3_G1 23689 | 20.52 1.38 0.00 | 19.69 1.26 0.00 | 19.74 1.25 0.00 | 19.16 1.15 0.00 | 20.17 1.22 0.00 | 20.75 1.40 0.00 | 34.14 1.76 -12.18 | 69.81 2.73 -37.87 | 57.54 2.09 -32.62 | 23.01 1.84 -0.85 | 70.07 1.64 -47.51 | 26.47 1.52 0.00 | 22.82 1.28 0.00 | 36.39 1.31 -14.75 | 33.28 1.29 -12.52 | 33.18 1.38 -11.22 | 70.21 1.47 -48.32 | 54.66 2.14 -26.46 | 33.72 2.13 -6.19 | 24.14 1.75 0.00 | 25.70 1.79 0.00 | 21.29 1.44 -0.35 | 20.02 1.33 -0.18 | 21.11 1.30 -0.06 |
| GLENWOOD___4 23550 | 20.57 1.42 0.00 | 19.74 1.30 0.00 | 19.79 1.30 0.00 | 19.21 1.19 0.00 | 20.21 1.26 0.00 | 20.80 1.45 0.00 | 34.20 1.81 -12.18 | 69.88 2.80 -37.87 | 57.58 2.12 -32.62 | 23.05 1.89 -0.85 | 70.14 1.70 -47.51 | 26.55 1.60 0.00 | 22.87 1.33 0.00 | 36.44 1.36 -14.75 | 33.34 1.34 -12.52 | 33.23 1.42 -11.22 | 70.23 1.49 -48.32 | 54.69 2.18 -26.46 | 33.77 2.18 -6.19 | 24.22 1.83 0.00 | 25.77 1.86 0.00 | 21.35 1.50 -0.35 | 20.07 1.38 -0.18 | 21.17 1.35 -0.06 |
| GLENWOOD___5 23614 | 20.57 1.42 0.00 | 19.74 1.30 0.00 | 19.79 1.30 0.00 | 19.21 1.19 0.00 | 20.21 1.26 0.00 | 20.80 1.45 0.00 | 34.20 1.81 -12.18 | 69.88 2.80 -37.87 | 57.58 2.12 -32.62 | 23.05 1.89 -0.85 | 70.14 1.70 -47.51 | 26.55 1.60 0.00 | 22.87 1.33 0.00 | 36.44 1.36 -14.75 | 33.34 1.34 -12.52 | 33.23 1.42 -11.22 | 70.23 1.49 -48.32 | 54.69 2.18 -26.46 | 33.77 2.18 -6.19 | 24.22 1.83 0.00 | 25.77 1.86 0.00 | 21.35 1.50 -0.35 | 20.07 1.38 -0.18 | 21.17 1.35 -0.06 |
| GLOBAL GREEN_PORT_GT1 23814 | 21.47 2.32 0.00 | 20.56 2.12 0.00 | 20.62 2.13 0.00 | 20.02 2.01 0.00 | 21.05 2.11 0.00 | 21.68 2.32 0.00 | 35.08 2.69 -12.18 | 71.09 4.01 -37.87 | 58.53 3.07 -32.62 | 23.79 2.63 -0.85 | 70.82 2.39 -47.51 | 27.16 2.21 0.00 | 23.26 1.72 0.00 | 36.86 1.78 -14.75 | 33.63 1.63 -12.52 | 33.56 1.75 -11.22 | 70.76 2.01 -48.32 | 55.32 2.81 -26.46 | 34.49 2.90 -6.19 | 24.88 2.49 0.00 | 26.59 2.68 0.00 | 22.15 2.31 -0.35 | 20.72 2.03 -0.18 | 21.76 1.95 -0.06 |
| GLOBE___DSASP 323697 | 13.44 -2.02 3.69 | 13.29 -2.09 3.06 | 13.07 -2.06 3.36 | 15.11 -2.11 0.80 | 13.33 -2.20 3.42 | 10.50 -1.92 6.93 | 18.02 -2.15 0.04 | 5.44 -3.49 20.28 | 13.41 -2.93 6.50 | 17.81 -2.48 0.02 | 18.31 -2.61 0.00 | 22.00 -2.95 0.00 | 19.15 -2.39 0.00 | 18.05 -2.29 0.00 | 17.03 -2.44 0.00 | 17.96 -2.62 0.00 | 18.06 -2.36 0.00 | 23.13 -2.92 0.00 | 22.63 -2.78 0.00 | 19.80 -2.59 0.00 | 20.80 -3.11 0.00 | 16.97 -2.53 0.00 | 16.05 -2.36 0.10 | 17.35 -2.40 0.00 |
| GOETHSLN___LBMP 323567 | 20.15 1.00 0.00 | 19.33 0.90 0.00 | 19.41 0.92 0.00 | 18.84 0.83 0.00 | 19.82 0.87 0.00 | 20.39 1.04 0.00 | 21.66 1.45 0.00 | 31.55 2.34 0.00 | 24.67 1.83 0.00 | 21.98 1.66 0.00 | 22.34 1.42 0.00 | 26.25 1.30 0.00 | 22.65 1.11 0.00 | 21.44 1.11 0.00 | 20.55 1.08 0.00 | 21.73 1.15 0.00 | 21.66 1.23 0.00 | 27.90 1.84 0.00 | 27.23 1.83 0.00 | 23.82 1.42 0.00 | 25.31 1.40 0.00 | 20.59 1.09 0.00 | 19.53 1.02 0.00 | 20.68 0.92 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 15.42 -1.00 2.73 | 15.09 -1.08 2.26 | 14.94 -1.06 2.48 | 16.33 -1.10 0.59 | 17.84 -1.10 0.00 | 18.46 -0.89 0.00 | 19.22 -0.99 0.00 | 27.68 -1.53 0.00 | 21.46 -1.38 0.00 | 19.11 -1.20 0.00 | 19.68 -1.24 0.00 | 23.52 -1.43 0.00 | 20.39 -1.16 0.00 | 19.23 -1.11 0.00 | 18.23 -1.24 0.00 | 19.24 -1.35 0.00 | 19.31 -1.12 0.00 | 24.85 -1.20 0.00 | 24.29 -1.11 0.00 | 21.26 -1.13 0.00 | 22.41 -1.50 0.00 | 18.26 -1.24 0.00 | 17.25 -1.17 0.08 | 18.56 -1.20 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 19.63 0.48 0.00 | 18.90 0.46 0.00 | 18.96 0.48 0.00 | 18.46 0.45 0.00 | 19.30 0.51 0.15 | 19.66 0.61 0.31 | 20.94 0.73 0.00 | 29.53 1.21 0.89 | 23.50 0.95 0.29 | 21.13 0.82 0.00 | 21.67 0.75 0.00 | 25.82 0.86 0.00 | 22.28 0.74 0.00 | 21.05 0.72 0.00 | 20.08 0.61 0.00 | 21.27 0.69 0.00 | 21.20 0.77 0.00 | 27.15 1.10 0.00 | 26.48 1.08 0.00 | 23.23 0.83 0.00 | 24.66 0.75 0.00 | 20.08 0.58 0.00 | 19.01 0.50 0.00 | 20.26 0.50 0.00 |

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| GOUDEY___115_KV_TB6_REV_LBMP_C 345031 | 17.97 -0.28 0.90 | 17.42 -0.27 0.75 | 17.09 -0.28 1.11 | 17.53 -0.29 0.19 | 18.30 -0.25 0.39 | 18.39 -0.16 0.79 | 20.16 -0.05 0.00 | 26.90 0.02 2.32 | 22.08 -0.02 0.75 | 20.28 -0.03 0.00 | 20.76 -0.16 0.00 | 24.70 -0.26 0.00 | 21.30 -0.24 0.00 | 20.15 -0.19 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.32 -0.11 0.00 | 26.02 -0.03 0.00 | 25.41 0.01 0.00 | 22.25 -0.14 0.00 | 23.54 -0.37 0.00 | 19.13 -0.37 0.00 | 18.14 -0.33 0.03 | 19.40 -0.36 0.00 |
| GOUDEY___7 23579 | 17.98 -0.27 0.90 | 17.44 -0.25 0.75 | 17.10 -0.28 1.11 | 17.54 -0.27 0.19 | 18.31 -0.24 0.39 | 18.40 -0.15 0.79 | 20.17 -0.03 0.00 | 26.92 0.04 2.32 | 22.09 0.00 0.75 | 20.30 -0.01 0.00 | 20.78 -0.14 0.00 | 24.72 -0.24 0.00 | 21.32 -0.22 0.00 | 20.17 -0.17 0.00 | 19.23 -0.25 0.00 | 20.37 -0.21 0.00 | 20.33 -0.09 0.00 | 26.04 -0.01 0.00 | 25.43 0.03 0.00 | 22.27 -0.12 0.00 | 23.55 -0.35 0.00 | 19.15 -0.35 0.00 | 18.16 -0.32 0.03 | 19.42 -0.34 0.00 |
| GOUDEY___8 23580 | 17.97 -0.28 0.90 | 17.42 -0.27 0.75 | 17.09 -0.28 1.11 | 17.53 -0.29 0.19 | 18.30 -0.25 0.39 | 18.39 -0.16 0.79 | 20.16 -0.05 0.00 | 26.90 0.02 2.32 | 22.08 -0.02 0.75 | 20.28 -0.03 0.00 | 20.76 -0.16 0.00 | 24.70 -0.26 0.00 | 21.30 -0.24 0.00 | 20.15 -0.19 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.32 -0.11 0.00 | 26.02 -0.03 0.00 | 25.41 0.01 0.00 | 22.25 -0.14 0.00 | 23.54 -0.37 0.00 | 19.13 -0.37 0.00 | 18.14 -0.33 0.03 | 19.40 -0.36 0.00 |
| GOWANUS_GT1_1 24077 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_2 24078 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_3 24079 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_4 24080 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_5 24084 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_6 24111 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_7 24112 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT1_8 24113 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_1 24114 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_2 24115 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_3 24116 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_4 24117 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |

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| GOWANUS_GT2_5 24118 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_6 24119 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_7 24120 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT2_8 24121 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_1 24122 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_2 24123 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_3 24124 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_4 24125 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_5 24126 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_6 24127 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_7 24128 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT3_8 24129 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_1 24130 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_2 24131 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_3 24132 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |

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| GOWANUS_GT4_4 24133 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_5 24134 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_6 24135 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_7 24136 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GOWANUS_GT4_8 24137 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GREENBSH_115KV_TB3 55895 | 19.74 0.59 0.00 | 19.00 0.57 0.00 | 19.05 0.57 0.00 | 18.60 0.58 0.00 | 19.53 0.59 0.00 | 19.98 0.62 0.00 | 20.99 0.78 0.00 | 30.17 0.96 0.00 | 23.62 0.78 0.00 | 20.95 0.64 0.00 | 21.35 0.42 0.00 | 25.35 0.40 0.00 | 21.80 0.26 0.00 | 20.56 0.22 0.00 | 19.70 0.23 0.00 | 20.86 0.28 0.00 | 20.84 0.42 0.00 | 26.81 0.75 0.00 | 26.11 0.71 0.00 | 22.90 0.51 0.00 | 24.41 0.50 0.00 | 19.94 0.44 0.00 | 19.05 0.54 0.00 | 20.38 0.62 0.00 |
| GREENDGE_115KV_TB5 80291 | 4.16 -0.73 14.26 | 5.95 -0.68 11.81 | 4.89 -0.69 12.90 | 14.25 -0.69 3.08 | 17.92 -0.64 0.38 | 18.05 -0.52 0.78 | 19.79 -0.41 0.00 | 26.35 -0.57 2.28 | 21.65 -0.46 0.73 | 19.77 -0.55 0.00 | 20.19 -0.74 0.00 | 24.05 -0.90 0.00 | 20.82 -0.73 0.00 | 19.74 -0.60 0.00 | 18.74 -0.73 0.00 | 19.90 -0.68 0.00 | 19.98 -0.45 0.00 | 25.69 -0.36 0.00 | 25.09 -0.31 0.00 | 22.05 -0.34 0.00 | 23.20 -0.71 0.00 | 18.83 -0.67 0.00 | 17.43 -0.62 0.47 | 19.11 -0.65 0.00 |
| GREENIDGE___3 23582 | 4.16 -0.73 14.26 | 5.95 -0.68 11.81 | 4.89 -0.69 12.90 | 14.25 -0.69 3.08 | 17.92 -0.64 0.38 | 18.05 -0.52 0.78 | 19.79 -0.41 0.00 | 26.35 -0.57 2.28 | 21.65 -0.46 0.73 | 19.77 -0.55 0.00 | 20.19 -0.74 0.00 | 24.05 -0.90 0.00 | 20.82 -0.73 0.00 | 19.74 -0.60 0.00 | 18.74 -0.73 0.00 | 19.90 -0.68 0.00 | 19.98 -0.45 0.00 | 25.69 -0.36 0.00 | 25.09 -0.31 0.00 | 22.05 -0.34 0.00 | 23.20 -0.71 0.00 | 18.83 -0.67 0.00 | 17.43 -0.62 0.47 | 19.11 -0.65 0.00 |
| GREENIDGE___4 23583 | 4.14 -0.75 14.26 | 5.94 -0.68 11.81 | 4.89 -0.69 12.90 | 14.25 -0.69 3.08 | 17.92 -0.64 0.38 | 18.04 -0.53 0.78 | 19.79 -0.42 0.00 | 26.36 -0.56 2.28 | 21.64 -0.47 0.73 | 19.77 -0.55 0.00 | 20.19 -0.74 0.00 | 24.05 -0.90 0.00 | 20.82 -0.73 0.00 | 19.74 -0.60 0.00 | 18.74 -0.73 0.00 | 19.90 -0.69 0.00 | 19.98 -0.45 0.00 | 25.69 -0.36 0.00 | 25.09 -0.31 0.00 | 22.05 -0.34 0.00 | 23.20 -0.71 0.00 | 18.83 -0.67 0.00 | 17.43 -0.62 0.47 | 19.11 -0.65 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 20.51 1.37 0.00 | 19.69 1.26 0.00 | 19.73 1.24 0.00 | 19.14 1.13 0.00 | 20.11 1.16 0.00 | 20.66 1.31 0.00 | 34.02 1.62 -12.18 | 69.61 2.53 -37.87 | 57.39 1.94 -32.62 | 22.82 1.66 -0.85 | 69.89 1.46 -47.51 | 26.23 1.28 0.00 | 22.58 1.04 0.00 | 36.18 1.09 -14.75 | 33.20 1.20 -12.52 | 33.10 1.29 -11.22 | 70.13 1.39 -48.32 | 54.55 2.04 -26.46 | 33.62 2.04 -6.19 | 24.05 1.65 0.00 | 25.60 1.69 0.00 | 21.23 1.38 -0.35 | 19.94 1.25 -0.18 | 21.07 1.26 -0.06 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |
| GRISSOM___SOLAR 323813 | 20.77 1.62 0.00 | 19.98 1.54 0.00 | 20.02 1.54 0.00 | 19.49 1.47 0.00 | 20.52 1.58 0.00 | 21.18 1.83 0.00 | 22.27 2.06 0.00 | 32.33 3.12 0.00 | 25.19 2.35 0.00 | 21.85 1.53 0.00 | 21.77 0.85 0.00 | 26.64 1.69 0.00 | 23.14 1.60 0.00 | 21.79 1.45 0.00 | 20.58 1.11 0.00 | 21.88 1.30 0.00 | 22.08 1.66 0.00 | 28.88 2.83 0.00 | 28.21 2.81 0.00 | 24.78 2.39 0.00 | 26.32 2.41 0.00 | 21.44 1.94 0.00 | 20.23 1.72 0.00 | 21.52 1.76 0.00 |
| GROVEVILLE___HYD 323602 | 20.27 1.12 0.00 | 19.46 1.02 0.00 | 19.52 1.03 0.00 | 18.98 0.97 0.00 | 20.00 1.05 0.00 | 20.57 1.21 0.00 | 21.75 1.54 0.00 | 31.61 2.41 0.00 | 24.69 1.86 0.00 | 21.92 1.61 0.00 | 22.29 1.36 0.00 | 26.30 1.34 0.00 | 22.68 1.14 0.00 | 21.45 1.11 0.00 | 20.53 1.06 0.00 | 21.75 1.17 0.00 | 21.74 1.32 0.00 | 28.02 1.96 0.00 | 27.36 1.95 0.00 | 23.95 1.55 0.00 | 25.43 1.52 0.00 | 20.70 1.20 0.00 | 19.61 1.10 0.00 | 20.82 1.06 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 18.68 -0.47 0.00 | 17.96 -0.47 0.00 | 18.03 -0.46 0.00 | 17.56 -0.46 0.00 | 18.48 -0.46 0.00 | 18.98 -0.37 0.00 | 19.87 -0.34 0.00 | 28.78 -0.42 0.00 | 22.40 -0.44 0.00 | 19.91 -0.41 0.00 | 20.45 -0.47 0.00 | 24.33 -0.63 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 19.00 -0.47 0.00 | 20.08 -0.51 0.00 | 20.07 -0.36 0.00 | 25.71 -0.35 0.00 | 25.10 -0.30 0.00 | 22.04 -0.35 0.00 | 23.37 -0.53 0.00 | 19.05 -0.45 0.00 | 18.10 -0.41 0.00 | 19.33 -0.43 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.70 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.66 -0.30 | 20.81 -0.65 -1.70 |
| HARDSCRABBLE_WT_PWR 323673 | 19.26 0.11 0.00 | 18.53 0.09 0.00 | 18.61 0.12 0.00 | 18.11 0.09 0.00 | 19.05 0.11 0.00 | 19.55 0.20 0.00 | 20.69 0.48 0.00 | 30.00 0.80 0.00 | 23.50 0.66 0.00 | 20.73 0.41 0.00 | 21.16 0.24 0.00 | 25.13 0.17 0.00 | 21.63 0.09 0.00 | 20.40 0.06 0.00 | 19.53 0.06 0.00 | 20.63 0.05 0.00 | 20.63 0.20 0.00 | 26.64 0.59 0.00 | 26.01 0.61 0.00 | 22.77 0.37 0.00 | 24.28 0.37 0.00 | 19.78 0.28 0.00 | 18.83 0.32 0.00 | 20.02 0.26 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.12 0.97 0.00 | 19.32 0.88 0.00 | 19.39 0.90 0.00 | 18.84 0.83 0.00 | 19.86 0.91 0.00 | 20.43 1.08 0.00 | 21.62 1.40 0.00 | 31.44 2.24 0.00 | 24.55 1.71 0.00 | 21.80 1.48 0.00 | 22.16 1.24 0.00 | 26.15 1.20 0.00 | 22.54 1.00 0.00 | 21.31 0.97 0.00 | 20.39 0.92 0.00 | 21.60 1.01 0.00 | 21.58 1.15 0.00 | 27.80 1.75 0.00 | 27.14 1.74 0.00 | 23.76 1.37 0.00 | 25.23 1.31 0.00 | 20.53 1.03 0.00 | 19.46 0.95 0.00 | 20.66 0.90 0.00 |
| HARSNRAD_115KV_TB1 81005 | 13.81 -1.74 3.60 | 13.62 -1.84 2.98 | 13.41 -1.80 3.27 | 15.39 -1.85 0.78 | 14.34 -1.93 2.68 | 12.27 -1.64 5.44 | 18.38 -1.80 0.03 | 10.56 -2.75 15.90 | 15.39 -2.36 5.10 | 18.31 -1.99 0.02 | 18.82 -2.10 0.00 | 22.59 -2.37 0.00 | 19.66 -1.88 0.00 | 18.51 -1.83 0.00 | 17.45 -2.02 0.00 | 18.44 -2.14 0.00 | 18.54 -1.89 0.00 | 23.72 -2.33 0.00 | 23.22 -2.18 0.00 | 20.29 -2.10 0.00 | 21.30 -2.61 0.00 | 17.35 -2.15 0.00 | 16.40 -2.01 0.10 | 17.73 -2.03 0.00 |
| HARZA MOOSE___RIVER 24016 | 18.85 -0.30 0.00 | 18.25 -0.18 0.00 | 18.22 -0.27 0.00 | 17.78 -0.23 0.00 | 18.77 -0.18 0.00 | 19.19 -0.16 0.00 | 20.15 -0.06 0.00 | 29.19 -0.02 0.00 | 22.82 -0.02 0.00 | 20.24 -0.08 0.00 | 20.81 -0.11 0.00 | 24.88 -0.07 0.00 | 21.41 -0.13 0.00 | 20.12 -0.22 0.00 | 19.46 -0.01 0.00 | 20.57 -0.01 0.00 | 20.51 0.09 0.00 | 26.24 0.18 0.00 | 25.44 0.04 0.00 | 22.32 -0.07 0.00 | 23.67 -0.24 0.00 | 19.26 -0.24 0.00 | 18.34 -0.25 -0.08 | 19.89 -0.35 -0.48 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.53 -0.62 0.00 | 17.82 -0.62 0.00 | 17.86 -0.63 0.00 | 17.38 -0.63 0.00 | 18.31 -0.64 0.00 | 18.79 -0.56 0.00 | 19.66 -0.55 0.00 | 28.44 -0.76 0.00 | 22.19 -0.65 0.00 | 19.71 -0.61 0.00 | 20.28 -0.64 0.00 | 24.09 -0.86 0.00 | 20.85 -0.70 0.00 | 19.71 -0.63 0.00 | 18.83 -0.65 0.00 | 19.92 -0.66 0.00 | 19.87 -0.56 0.00 | 25.43 -0.63 0.00 | 24.82 -0.58 0.00 | 21.79 -0.60 0.00 | 23.11 -0.80 0.00 | 18.86 -0.64 0.00 | 17.93 -0.58 0.00 | 19.18 -0.58 0.00 |
| HELLGATE_13_KV_LD 55870 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.72 2.51 0.00 | 24.81 1.97 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.40 1.44 0.00 | 22.77 1.23 0.00 | 21.57 1.23 0.00 | 20.66 1.19 0.00 | 21.82 1.24 0.00 | 21.76 1.34 0.00 | 28.04 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.78 1.56 0.00 | 31.72 2.51 0.00 | 24.81 1.97 0.00 | 22.09 1.77 0.00 | 22.46 1.54 0.00 | 26.40 1.44 0.00 | 22.77 1.23 0.00 | 21.57 1.23 0.00 | 20.66 1.19 0.00 | 21.82 1.24 0.00 | 21.76 1.34 0.00 | 28.04 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.59 1.08 0.00 | 20.73 0.98 0.00 |
| HEMPSTEAD____ 23647 | 20.48 1.34 0.00 | 19.66 1.22 0.00 | 19.70 1.22 0.00 | 19.12 1.11 0.00 | 20.11 1.17 0.00 | 20.71 1.36 0.00 | 34.09 1.70 -12.18 | 69.70 2.62 -37.87 | 57.49 2.03 -32.62 | 22.95 1.78 -0.85 | 70.00 1.57 -47.51 | 26.40 1.45 0.00 | 22.73 1.19 0.00 | 36.31 1.23 -14.75 | 33.22 1.22 -12.52 | 33.12 1.32 -11.22 | 70.14 1.40 -48.32 | 54.56 2.05 -26.46 | 33.66 2.07 -6.19 | 24.09 1.70 0.00 | 25.63 1.72 0.00 | 21.25 1.40 -0.35 | 19.98 1.29 -0.18 | 21.07 1.26 -0.06 |
| HEWLETT__69_KV_BK3 55828 | 20.59 1.44 0.00 | 19.76 1.33 0.00 | 19.80 1.32 0.00 | 19.22 1.21 0.00 | 20.23 1.29 0.00 | 20.82 1.47 0.00 | 34.21 1.82 -12.18 | 69.89 2.81 -37.87 | 57.63 2.17 -32.62 | 23.10 1.94 -0.85 | 70.11 1.68 -47.51 | 26.41 1.46 0.00 | 22.89 1.35 0.00 | 36.48 1.39 -14.75 | 33.36 1.36 -12.52 | 33.24 1.43 -11.22 | 70.33 1.59 -48.32 | 54.74 2.23 -26.46 | 33.69 2.11 -6.19 | 24.18 1.79 0.00 | 25.79 1.88 0.00 | 21.37 1.52 -0.35 | 20.08 1.40 -0.18 | 21.20 1.38 -0.06 |
| HICKLING___1 23621 | 3.77 -0.92 14.46 | 5.62 -0.83 11.98 | 4.52 -0.85 13.12 | 14.06 -0.83 3.12 | 17.52 -0.77 0.66 | 17.34 -0.67 1.34 | 19.72 -0.49 0.01 | 24.72 -0.58 3.91 | 21.14 -0.44 1.25 | 19.85 -0.46 0.00 | 20.25 -0.67 0.00 | 24.15 -0.80 0.00 | 20.85 -0.69 0.00 | 19.81 -0.53 0.00 | 18.86 -0.61 0.00 | 20.12 -0.46 0.00 | 20.13 -0.30 0.00 | 25.84 -0.21 0.00 | 25.25 -0.15 0.00 | 22.04 -0.35 0.00 | 23.11 -0.80 0.00 | 18.70 -0.80 0.00 | 17.29 -0.74 0.48 | 18.99 -0.76 0.00 |
| HICKLING___2 23622 | 3.77 -0.92 14.46 | 5.62 -0.83 11.98 | 4.52 -0.85 13.12 | 14.06 -0.83 3.12 | 17.52 -0.77 0.66 | 17.34 -0.67 1.34 | 19.72 -0.49 0.01 | 24.72 -0.58 3.91 | 21.14 -0.44 1.25 | 19.85 -0.46 0.00 | 20.25 -0.67 0.00 | 24.15 -0.80 0.00 | 20.85 -0.69 0.00 | 19.81 -0.53 0.00 | 18.86 -0.61 0.00 | 20.12 -0.46 0.00 | 20.13 -0.30 0.00 | 25.84 -0.21 0.00 | 25.25 -0.15 0.00 | 22.04 -0.35 0.00 | 23.11 -0.80 0.00 | 18.70 -0.80 0.00 | 17.29 -0.74 0.48 | 18.99 -0.76 0.00 |
| HIGH FALLS___HY 23754 | 20.20 1.05 0.00 | 19.39 0.95 0.00 | 19.44 0.96 0.00 | 18.89 0.88 0.00 | 19.92 0.97 0.00 | 20.52 1.16 0.00 | 21.74 1.53 0.00 | 31.70 2.49 0.00 | 24.74 1.90 0.00 | 21.94 1.62 0.00 | 22.20 1.28 0.00 | 26.06 1.11 0.00 | 22.51 0.97 0.00 | 21.33 0.99 0.00 | 20.31 0.83 0.00 | 21.51 0.92 0.00 | 21.52 1.09 0.00 | 27.80 1.74 0.00 | 27.18 1.78 0.00 | 23.81 1.42 0.00 | 25.43 1.52 0.00 | 20.68 1.18 0.00 | 19.56 1.05 0.00 | 20.71 0.96 0.00 |
| HILLBURN___GT 23639 | 20.11 0.97 0.00 | 19.30 0.87 0.00 | 19.37 0.89 0.00 | 18.82 0.80 0.00 | 19.85 0.90 0.00 | 20.42 1.07 0.00 | 21.62 1.41 0.00 | 31.48 2.28 0.00 | 24.56 1.72 0.00 | 21.81 1.50 0.00 | 22.20 1.27 0.00 | 26.16 1.20 0.00 | 22.53 0.99 0.00 | 21.30 0.96 0.00 | 20.37 0.90 0.00 | 21.56 0.98 0.00 | 21.54 1.11 0.00 | 27.75 1.70 0.00 | 27.10 1.70 0.00 | 23.72 1.33 0.00 | 25.17 1.26 0.00 | 20.49 0.99 0.00 | 19.43 0.92 0.00 | 20.62 0.87 0.00 |
| HILLSIDE_115KV_TB1 80332 | 4.50 -1.02 13.63 | 6.20 -0.95 11.29 | 5.13 -0.98 12.38 | 14.12 -0.95 2.94 | 17.37 -0.91 0.66 | 17.18 -0.82 1.35 | 19.54 -0.66 0.01 | 24.42 -0.83 3.95 | 20.92 -0.65 1.27 | 19.71 -0.60 0.00 | 20.10 -0.82 0.00 | 23.97 -0.98 0.00 | 20.67 -0.88 0.00 | 19.62 -0.71 0.00 | 18.72 -0.75 0.00 | 19.94 -0.64 0.00 | 19.93 -0.50 0.00 | 25.56 -0.50 0.00 | 24.99 -0.41 0.00 | 21.83 -0.56 0.00 | 22.95 -0.96 0.00 | 18.59 -0.91 0.00 | 17.23 -0.84 0.44 | 18.87 -0.89 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|
| HISHELDN_WT_PWR 323625 | 13.16 -1.97 4.01 | 13.09 -2.03 3.32 | 12.84 -2.00 3.65 | 15.16 -1.98 0.87 | 13.63 -2.08 3.24 | 10.96 -1.82 6.56 | 18.26 -1.91 0.04 | 7.08 -2.92 19.20 | 14.29 -2.39 6.16 | 18.35 -1.95 0.02 | 18.91 -2.02 0.00 | 22.75 -2.21 0.00 | 19.78 -1.76 0.00 | 18.55 -1.79 0.00 | 17.45 -2.03 0.00 | 18.52 -2.06 0.00 | 18.61 -1.82 0.00 | 23.82 -2.23 0.00 | 23.36 -2.04 0.00 | 20.28 -2.12 0.00 | 21.28 -2.63 0.00 | 17.24 -2.27 0.00 | 16.24 -2.16 0.11 | 17.60 -2.16 0.00 |
| HOLTSVILLE_IC_1 23690 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| HOLTSVILLE_IC_10 23699 | 20.92 1.77 0.00 | 20.05 1.62 0.00 | 20.10 1.61 0.00 | 19.51 1.49 0.00 | 20.50 1.56 0.00 | 21.11 1.76 0.00 | 34.48 2.09 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.68 1.73 0.00 | 22.89 1.35 0.00 | 36.52 1.44 -14.75 | 33.40 1.41 -12.52 | 33.33 1.53 -11.22 | 70.45 1.71 -48.32 | 54.99 2.48 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.10 2.19 0.00 | 21.68 1.84 -0.35 | 20.30 1.62 -0.18 | 21.40 1.59 -0.06 |
| HOLTSVILLE_IC_2 23691 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| HOLTSVILLE_IC_3 23692 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| HOLTSVILLE_IC_4 23693 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| HOLTSVILLE_IC_5 23694 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| HOLTSVILLE_IC_6 23695 | 20.92 1.77 0.00 | 20.05 1.62 0.00 | 20.10 1.61 0.00 | 19.51 1.49 0.00 | 20.50 1.56 0.00 | 21.11 1.76 0.00 | 34.48 2.09 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.68 1.73 0.00 | 22.89 1.35 0.00 | 36.52 1.44 -14.75 | 33.40 1.41 -12.52 | 33.33 1.53 -11.22 | 70.45 1.71 -48.32 | 54.99 2.48 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.10 2.19 0.00 | 21.68 1.84 -0.35 | 20.30 1.62 -0.18 | 21.40 1.59 -0.06 |
| HOLTSVILLE_IC_7 23696 | 20.92 1.77 0.00 | 20.05 1.62 0.00 | 20.10 1.61 0.00 | 19.51 1.49 0.00 | 20.50 1.56 0.00 | 21.11 1.76 0.00 | 34.48 2.09 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.68 1.73 0.00 | 22.89 1.35 0.00 | 36.52 1.44 -14.75 | 33.40 1.41 -12.52 | 33.33 1.53 -11.22 | 70.45 1.71 -48.32 | 54.99 2.48 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.10 2.19 0.00 | 21.68 1.84 -0.35 | 20.30 1.62 -0.18 | 21.40 1.59 -0.06 |
| HOLTSVILLE_IC_8 23697 | 20.92 1.77 0.00 | 20.05 1.62 0.00 | 20.10 1.61 0.00 | 19.51 1.49 0.00 | 20.50 1.56 0.00 | 21.11 1.76 0.00 | 34.48 2.09 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.68 1.73 0.00 | 22.89 1.35 0.00 | 36.52 1.44 -14.75 | 33.40 1.41 -12.52 | 33.33 1.53 -11.22 | 70.45 1.71 -48.32 | 54.99 2.48 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.10 2.19 0.00 | 21.68 1.84 -0.35 | 20.30 1.62 -0.18 | 21.40 1.59 -0.06 |
| HOLTSVILLE_IC_9 23698 | 20.92 1.77 0.00 | 20.05 1.62 0.00 | 20.10 1.61 0.00 | 19.51 1.49 0.00 | 20.50 1.56 0.00 | 21.11 1.76 0.00 | 34.48 2.09 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.11 -0.85 | 70.35 1.91 -47.51 | 26.68 1.73 0.00 | 22.89 1.35 0.00 | 36.52 1.44 -14.75 | 33.40 1.41 -12.52 | 33.33 1.53 -11.22 | 70.45 1.71 -48.32 | 54.99 2.48 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.10 2.19 0.00 | 21.68 1.84 -0.35 | 20.30 1.62 -0.18 | 21.40 1.59 -0.06 |
| HOMER_HL_115KV_TB2 355744 | 12.05 -0.99 6.10 | 12.32 -1.06 5.05 | 11.92 -1.02 5.55 | 15.59 -1.10 1.32 | 15.36 -1.04 2.55 | 13.51 -0.67 5.17 | 19.61 -0.58 0.03 | 13.33 -0.77 15.11 | 17.25 -0.74 4.85 | 19.73 -0.57 0.02 | 20.38 -0.54 0.00 | 24.58 -0.37 0.00 | 21.23 -0.31 0.00 | 19.94 -0.40 0.00 | 18.96 -0.51 0.00 | 20.18 -0.40 0.00 | 20.16 -0.26 0.00 | 24.79 -1.26 0.00 | 24.29 -1.12 0.00 | 21.15 -1.24 0.00 | 22.21 -1.70 0.00 | 18.12 -1.38 0.00 | 17.24 -1.10 0.17 | 18.76 -1.00 0.00 |
| HOWARD_WT_PWR 323690 | 3.58 -1.71 13.86 | 5.79 -1.16 11.49 | 4.79 -1.14 12.56 | 13.77 -1.26 2.99 | 16.99 -1.06 0.90 | 16.21 -1.31 1.83 | 19.01 -1.19 0.01 | 22.18 -1.67 5.35 | 19.99 -1.14 1.72 | 19.24 -1.07 0.01 | 19.69 -1.23 0.00 | 23.63 -1.32 0.00 | 20.44 -1.10 0.00 | 19.31 -1.03 0.00 | 18.37 -1.10 0.00 | 19.68 -0.90 0.00 | 19.64 -0.78 0.00 | 25.29 -0.76 0.00 | 24.65 -0.75 0.00 | 21.43 -0.96 0.00 | 22.24 -1.67 0.00 | 17.93 -1.57 0.00 | 16.76 -1.29 0.46 | 18.66 -1.10 0.00 |
| HQ_GEN_CEDARS 23644 | 19.07 -0.08 0.00 | 18.52 0.08 0.00 | 18.56 0.08 0.00 | 18.10 0.09 0.00 | 19.03 0.08 0.00 | 19.24 -0.11 0.00 | 19.95 -0.27 0.00 | 28.77 -0.43 0.00 | 22.63 -0.20 0.00 | 20.19 -0.13 0.00 | 20.93 0.01 0.00 | 25.18 0.23 0.00 | 21.73 0.19 0.00 | 20.45 0.11 0.00 | 19.63 0.16 0.00 | 20.72 0.14 0.00 | 20.43 0.01 0.00 | 25.81 -0.24 0.00 | 25.10 -0.30 0.00 | 22.27 -0.13 0.00 | 23.91 0.00 0.00 | 19.47 -0.03 0.00 | 18.59 -0.04 -0.13 | 20.55 0.08 -0.72 |
| HQ_GEN_CEDARS_PROXY 323590 | 19.07 -0.08 0.00 | 18.52 0.08 0.00 | 18.56 0.08 0.00 | 18.10 0.09 0.00 | 19.03 0.08 0.00 | 19.24 -0.11 0.00 | 19.95 -0.26 0.00 | 30.45 -0.43 -1.68 | 22.63 -0.20 0.00 | 20.19 -0.13 0.00 | 20.93 0.01 0.00 | 27.40 0.23 -2.22 | 21.73 0.19 0.00 | 20.45 0.11 0.00 | 19.63 0.16 0.00 | 20.72 0.14 0.00 | 20.43 0.01 0.00 | 25.81 -0.24 0.00 | 25.10 -0.30 0.00 | 22.27 -0.13 0.00 | 23.91 0.00 0.00 | 19.47 -0.03 0.00 | 18.59 -0.04 -0.13 | 20.55 0.08 -0.72 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 19.15 0.00 0.00 | 18.47 0.03 0.00 | 18.52 0.03 0.00 | 18.05 0.04 0.00 | 18.97 0.03 0.00 | 19.28 -0.07 0.00 | 20.00 -0.21 0.00 | 28.82 -0.38 0.00 | 22.59 -0.24 0.00 | 20.14 -0.17 0.00 | 18.65 -0.03 2.24 | 27.41 0.14 -2.32 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.59 0.12 0.00 | 20.69 0.11 0.00 | 20.39 -0.04 0.00 | 25.80 -0.26 0.00 | 25.14 -0.27 0.00 | 22.30 -0.09 0.00 | 23.95 0.04 0.00 | 19.53 0.02 0.00 | 18.51 0.00 0.00 | 19.78 0.02 0.00 |
| HQ_GEN_WHEEL 23651 | 19.15 0.00 0.00 | 18.47 0.03 0.00 | 18.52 0.03 0.00 | 18.05 0.04 0.00 | 18.97 0.03 0.00 | 19.28 -0.07 0.00 | 20.00 -0.21 0.00 | 28.82 -0.38 0.00 | 22.59 -0.24 0.00 | 20.14 -0.17 0.00 | 18.65 -0.03 2.24 | 27.41 0.14 -2.32 | 21.68 0.14 0.00 | 20.45 0.11 0.00 | 19.59 0.12 0.00 | 20.69 0.11 0.00 | 20.39 -0.04 0.00 | 25.80 -0.26 0.00 | 25.14 -0.27 0.00 | 22.30 -0.09 0.00 | 23.95 0.04 0.00 | 19.53 0.02 0.00 | 18.51 0.00 0.00 | 19.78 0.02 0.00 |
| HUDSON AVE_GT_3 23810 | 20.25 1.10 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.92 0.98 0.00 | 20.51 1.15 0.00 | 21.79 1.58 0.00 | 31.75 2.55 0.00 | 24.82 1.99 0.00 | 22.11 1.80 0.00 | 22.49 1.57 0.00 | 26.42 1.47 0.00 | 22.80 1.26 0.00 | 21.58 1.25 0.00 | 20.67 1.20 0.00 | 21.85 1.27 0.00 | 21.79 1.37 0.00 | 28.08 2.02 0.00 | 27.41 2.01 0.00 | 23.96 1.56 0.00 | 25.44 1.53 0.00 | 20.71 1.21 0.00 | 19.63 1.12 0.00 | 20.78 1.02 0.00 |
| HUDSON AVE_GT_4 23540 | 20.25 1.10 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.92 0.98 0.00 | 20.51 1.15 0.00 | 21.79 1.58 0.00 | 31.75 2.55 0.00 | 24.82 1.99 0.00 | 22.11 1.80 0.00 | 22.49 1.57 0.00 | 26.42 1.47 0.00 | 22.80 1.26 0.00 | 21.58 1.25 0.00 | 20.67 1.20 0.00 | 21.85 1.27 0.00 | 21.79 1.37 0.00 | 28.08 2.02 0.00 | 27.41 2.01 0.00 | 23.96 1.56 0.00 | 25.44 1.53 0.00 | 20.71 1.21 0.00 | 19.63 1.12 0.00 | 20.78 1.02 0.00 |
| HUDSON AVE_GT_5 23657 | 20.25 1.10 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.92 0.98 0.00 | 20.51 1.15 0.00 | 21.79 1.58 0.00 | 31.75 2.55 0.00 | 24.82 1.99 0.00 | 22.11 1.80 0.00 | 22.49 1.57 0.00 | 26.42 1.47 0.00 | 22.80 1.26 0.00 | 21.58 1.25 0.00 | 20.67 1.20 0.00 | 21.85 1.27 0.00 | 21.79 1.37 0.00 | 28.08 2.02 0.00 | 27.41 2.01 0.00 | 23.96 1.56 0.00 | 25.44 1.53 0.00 | 20.71 1.21 0.00 | 19.63 1.12 0.00 | 20.78 1.02 0.00 |
| HUDSON_AVE_10 24168 | 20.20 1.05 0.00 | 19.39 0.95 0.00 | 19.46 0.97 0.00 | 18.90 0.88 0.00 | 19.88 0.93 0.00 | 20.47 1.12 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.78 1.95 0.00 | 22.07 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.52 1.18 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.75 1.32 0.00 | 28.01 1.96 0.00 | 27.35 1.95 0.00 | 23.90 1.51 0.00 | 25.39 1.48 0.00 | 20.66 1.16 0.00 | 19.59 1.08 0.00 | 20.74 0.98 0.00 |
| HUDSON___115KV_TB 4 355613 | 20.15 1.00 0.00 | 19.38 0.95 0.00 | 19.43 0.94 0.00 | 18.97 0.96 0.00 | 19.93 0.98 0.00 | 20.42 1.07 0.00 | 21.49 1.28 0.00 | 30.94 1.73 0.00 | 24.19 1.35 0.00 | 21.37 1.05 0.00 | 21.62 0.69 0.00 | 25.80 0.85 0.00 | 22.08 0.54 0.00 | 20.79 0.46 0.00 | 19.93 0.45 0.00 | 21.17 0.59 0.00 | 21.30 0.88 0.00 | 27.46 1.41 0.00 | 26.77 1.37 0.00 | 23.46 1.07 0.00 | 24.98 1.07 0.00 | 20.39 0.88 0.00 | 19.44 0.93 0.00 | 20.78 1.02 0.00 |
| HUNTER MOUNT___DRP 323613 | 20.28 1.13 0.00 | 19.50 1.07 0.00 | 19.55 1.07 0.00 | 19.09 1.08 0.00 | 20.06 1.11 0.00 | 20.55 1.20 0.00 | 21.62 1.41 0.00 | 31.11 1.91 0.00 | 24.33 1.49 0.00 | 21.45 1.13 0.00 | 21.65 0.72 0.00 | 25.94 0.99 0.00 | 22.13 0.59 0.00 | 20.82 0.48 0.00 | 19.97 0.49 0.00 | 21.25 0.67 0.00 | 21.44 1.01 0.00 | 27.65 1.60 0.00 | 26.95 1.55 0.00 | 23.62 1.22 0.00 | 25.13 1.22 0.00 | 20.51 1.01 0.00 | 19.56 1.05 0.00 | 20.92 1.16 0.00 |
| HUNTINGTON_RES_REC 323705 | 20.69 1.54 0.00 | 19.84 1.40 0.00 | 19.87 1.38 0.00 | 19.29 1.27 0.00 | 20.25 1.31 0.00 | 20.84 1.48 0.00 | 34.20 1.81 -12.18 | 69.89 2.81 -37.87 | 57.59 2.13 -32.62 | 23.00 1.84 -0.85 | 70.07 1.63 -47.51 | 26.38 1.43 0.00 | 22.66 1.11 0.00 | 36.27 1.19 -14.75 | 33.26 1.27 -12.52 | 33.18 1.37 -11.22 | 70.26 1.52 -48.32 | 54.73 2.22 -26.46 | 33.82 2.23 -6.19 | 24.21 1.82 0.00 | 25.80 1.88 0.00 | 21.39 1.54 -0.35 | 20.06 1.38 -0.18 | 21.19 1.38 -0.06 |
| HUNTLEY___63 23557 | 13.71 -1.61 3.82 | 13.55 -1.71 3.17 | 13.33 -1.68 3.48 | 15.45 -1.74 0.82 | 14.11 -1.79 3.04 | 11.70 -1.48 6.17 | 18.56 -1.62 0.04 | 8.65 -2.52 18.04 | 14.90 -2.15 5.79 | 18.49 -1.81 0.02 | 19.01 -1.91 0.00 | 22.83 -2.12 0.00 | 19.85 -1.69 0.00 | 18.70 -1.64 0.00 | 17.63 -1.84 0.00 | 18.63 -1.95 0.00 | 18.72 -1.70 0.00 | 23.90 -2.15 0.00 | 23.40 -2.00 0.00 | 20.44 -1.95 0.00 | 21.46 -2.45 0.00 | 17.49 -2.01 0.00 | 16.50 -1.90 0.11 | 17.83 -1.93 0.00 |
| HUNTLEY___64 23558 | 13.71 -1.61 3.82 | 13.55 -1.71 3.17 | 13.33 -1.68 3.48 | 15.45 -1.74 0.82 | 14.11 -1.79 3.04 | 11.70 -1.48 6.17 | 18.56 -1.62 0.04 | 8.65 -2.52 18.04 | 14.90 -2.15 5.79 | 18.49 -1.81 0.02 | 19.01 -1.91 0.00 | 22.83 -2.12 0.00 | 19.85 -1.69 0.00 | 18.70 -1.64 0.00 | 17.63 -1.84 0.00 | 18.63 -1.95 0.00 | 18.72 -1.70 0.00 | 23.90 -2.15 0.00 | 23.40 -2.00 0.00 | 20.44 -1.95 0.00 | 21.46 -2.45 0.00 | 17.49 -2.01 0.00 | 16.50 -1.90 0.11 | 17.83 -1.93 0.00 |
| HUNTLEY___65 23559 | 13.71 -1.61 3.82 | 13.55 -1.71 3.17 | 13.33 -1.68 3.48 | 15.45 -1.74 0.82 | 14.11 -1.79 3.04 | 11.70 -1.48 6.17 | 18.56 -1.62 0.04 | 8.65 -2.52 18.04 | 14.90 -2.15 5.79 | 18.49 -1.81 0.02 | 19.01 -1.91 0.00 | 22.83 -2.12 0.00 | 19.85 -1.69 0.00 | 18.70 -1.64 0.00 | 17.63 -1.84 0.00 | 18.63 -1.95 0.00 | 18.72 -1.70 0.00 | 23.90 -2.15 0.00 | 23.40 -2.00 0.00 | 20.44 -1.95 0.00 | 21.46 -2.45 0.00 | 17.49 -2.01 0.00 | 16.50 -1.90 0.11 | 17.83 -1.93 0.00 |
| HUNTLEY___66 23560 | 13.71 -1.61 3.82 | 13.55 -1.71 3.17 | 13.33 -1.68 3.48 | 15.45 -1.74 0.82 | 14.11 -1.79 3.04 | 11.70 -1.48 6.17 | 18.56 -1.62 0.04 | 8.65 -2.52 18.04 | 14.90 -2.15 5.79 | 18.49 -1.81 0.02 | 19.01 -1.91 0.00 | 22.83 -2.12 0.00 | 19.85 -1.69 0.00 | 18.70 -1.64 0.00 | 17.63 -1.84 0.00 | 18.63 -1.95 0.00 | 18.72 -1.70 0.00 | 23.90 -2.15 0.00 | 23.40 -2.00 0.00 | 20.44 -1.95 0.00 | 21.46 -2.45 0.00 | 17.49 -2.01 0.00 | 16.50 -1.90 0.11 | 17.83 -1.93 0.00 |
| HUNTLEY___67 23561 | 13.51 -1.73 3.91 | 13.38 -1.81 3.24 | 13.14 -1.78 3.56 | 15.35 -1.82 0.84 | 13.70 -1.87 3.37 | 10.95 -1.57 6.83 | 18.46 -1.71 0.04 | 6.64 -2.58 19.98 | 14.24 -2.19 6.41 | 18.46 -1.84 0.02 | 18.97 -1.95 0.00 | 22.79 -2.16 0.00 | 19.81 -1.73 0.00 | 18.67 -1.67 0.00 | 17.62 -1.86 0.00 | 18.60 -1.98 0.00 | 18.69 -1.73 0.00 | 23.83 -2.22 0.00 | 23.34 -2.07 0.00 | 20.39 -2.01 0.00 | 21.41 -2.50 0.00 | 17.43 -2.07 0.00 | 16.46 -1.94 0.11 | 17.80 -1.95 0.00 |
| HUNTLEY___68 23562 | 13.51 -1.73 3.91 | 13.38 -1.81 3.24 | 13.14 -1.78 3.56 | 15.35 -1.82 0.84 | 13.70 -1.87 3.37 | 10.95 -1.57 6.83 | 18.46 -1.71 0.04 | 6.64 -2.58 19.98 | 14.24 -2.19 6.41 | 18.46 -1.84 0.02 | 18.97 -1.95 0.00 | 22.79 -2.16 0.00 | 19.81 -1.73 0.00 | 18.67 -1.67 0.00 | 17.62 -1.86 0.00 | 18.60 -1.98 0.00 | 18.69 -1.73 0.00 | 23.83 -2.22 0.00 | 23.34 -2.07 0.00 | 20.39 -2.01 0.00 | 21.41 -2.50 0.00 | 17.43 -2.07 0.00 | 16.46 -1.94 0.11 | 17.80 -1.95 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 9.57 -1.11 8.47 | 10.40 -1.01 7.02 | 9.80 -1.00 7.69 | 15.15 -1.03 1.83 | 17.61 -0.96 0.38 | 17.75 -0.83 0.77 | 19.53 -0.68 0.00 | 26.00 -0.95 2.25 | 21.16 -0.96 0.72 | 19.22 -1.10 0.00 | 19.98 -0.94 0.00 | 23.79 -1.16 0.00 | 20.10 -1.44 0.00 | 18.82 -1.51 0.00 | 17.88 -1.60 0.00 | 19.13 -1.45 0.00 | 19.29 -1.13 0.00 | 25.38 -0.68 0.00 | 24.97 -0.43 0.00 | 21.82 -0.58 0.00 | 22.78 -1.12 0.00 | 18.43 -1.07 0.00 | 17.19 -1.03 0.28 | 18.74 -1.02 0.00 |
| INDECK___CORINTH 23802 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.77 0.00 | 18.79 0.77 0.00 | 19.80 0.86 0.00 | 20.32 0.96 0.00 | 21.54 1.33 0.00 | 31.26 2.05 0.00 | 24.41 1.57 0.00 | 21.51 1.20 0.00 | 21.86 0.94 0.00 | 26.02 1.06 0.00 | 22.31 0.76 0.00 | 21.05 0.72 0.00 | 20.26 0.79 0.00 | 21.48 0.90 0.00 | 21.55 1.12 0.00 | 27.80 1.74 0.00 | 27.07 1.67 0.00 | 23.73 1.34 0.00 | 25.19 1.28 0.00 | 20.47 0.97 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| INDECK___ILION 23567 | 19.35 0.20 0.00 | 18.62 0.18 0.00 | 18.68 0.19 0.00 | 18.20 0.18 0.00 | 19.15 0.20 0.00 | 19.61 0.26 0.00 | 20.64 0.43 0.00 | 29.86 0.66 0.00 | 23.35 0.51 0.00 | 20.66 0.34 0.00 | 21.15 0.23 0.00 | 25.13 0.18 0.00 | 21.66 0.11 0.00 | 20.44 0.10 0.00 | 19.58 0.11 0.00 | 20.69 0.11 0.00 | 20.64 0.22 0.00 | 26.55 0.50 0.00 | 25.90 0.50 0.00 | 22.73 0.33 0.00 | 24.23 0.33 0.00 | 19.76 0.26 0.00 | 18.77 0.26 0.00 | 19.98 0.23 0.00 |
| INDECK___OLEAN 23982 | 12.03 -1.01 6.10 | 12.32 -1.06 5.05 | 11.91 -1.03 5.55 | 15.59 -1.11 1.32 | 15.35 -1.05 2.55 | 13.49 -0.70 5.17 | 19.59 -0.59 0.03 | 13.22 -0.87 15.11 | 17.22 -0.77 4.85 | 19.73 -0.57 0.02 | 20.38 -0.54 0.00 | 24.58 -0.37 0.00 | 21.23 -0.31 0.00 | 19.94 -0.39 0.00 | 18.96 -0.51 0.00 | 20.18 -0.40 0.00 | 20.16 -0.26 0.00 | 24.79 -1.26 0.00 | 24.29 -1.12 0.00 | 21.15 -1.24 0.00 | 22.22 -1.69 0.00 | 18.12 -1.38 0.00 | 17.23 -1.11 0.17 | 18.76 -1.00 0.00 |
| INDECK___OSWEGO 23783 | 18.33 -0.82 0.00 | 17.63 -0.81 0.00 | 17.67 -0.82 0.00 | 17.20 -0.82 0.00 | 18.10 -0.84 0.00 | 18.56 -0.79 0.00 | 19.41 -0.81 0.00 | 28.06 -1.14 0.00 | 21.89 -0.94 0.00 | 19.46 -0.86 0.00 | 20.03 -0.89 0.00 | 23.80 -1.16 0.00 | 20.59 -0.96 0.00 | 19.47 -0.87 0.00 | 18.62 -0.85 0.00 | 19.69 -0.90 0.00 | 19.62 -0.80 0.00 | 25.11 -0.95 0.00 | 24.48 -0.92 0.00 | 21.51 -0.88 0.00 | 22.85 -1.06 0.00 | 18.66 -0.84 0.00 | 17.75 -0.76 0.00 | 18.98 -0.77 0.00 |
| INDECK___YERKES 23781 | 13.71 -1.61 3.82 | 13.56 -1.70 3.17 | 13.35 -1.66 3.48 | 15.47 -1.72 0.82 | 14.12 -1.79 3.04 | 11.69 -1.49 6.17 | 18.56 -1.61 0.04 | 8.56 -2.60 18.04 | 14.89 -2.17 5.79 | 18.51 -1.79 0.02 | 19.02 -1.90 0.00 | 22.86 -2.10 0.00 | 19.88 -1.67 0.00 | 18.72 -1.62 0.00 | 17.65 -1.82 0.00 | 18.66 -1.92 0.00 | 18.75 -1.68 0.00 | 23.92 -2.13 0.00 | 23.42 -1.98 0.00 | 20.46 -1.93 0.00 | 21.49 -2.41 0.00 | 17.50 -2.00 0.00 | 16.51 -1.89 0.11 | 17.84 -1.91 0.00 |
| INDIAN POINT_GT_1 24139 | 20.13 0.98 0.00 | 19.33 0.89 0.00 | 19.40 0.91 0.00 | 18.84 0.83 0.00 | 19.85 0.91 0.00 | 20.42 1.07 0.00 | 21.62 1.41 0.00 | 31.45 2.25 0.00 | 24.57 1.72 0.00 | 21.84 1.52 0.00 | 22.22 1.29 0.00 | 26.17 1.21 0.00 | 22.55 1.00 0.00 | 21.32 0.98 0.00 | 20.40 0.93 0.00 | 21.59 1.01 0.00 | 21.55 1.13 0.00 | 27.77 1.72 0.00 | 27.11 1.71 0.00 | 23.73 1.33 0.00 | 25.20 1.29 0.00 | 20.52 1.02 0.00 | 19.45 0.94 0.00 | 20.65 0.89 0.00 |
| INDIAN POINT_GT_2 23659 | 20.13 0.98 0.00 | 19.33 0.89 0.00 | 19.40 0.91 0.00 | 18.84 0.83 0.00 | 19.85 0.91 0.00 | 20.42 1.07 0.00 | 21.62 1.41 0.00 | 31.45 2.25 0.00 | 24.57 1.72 0.00 | 21.84 1.52 0.00 | 22.22 1.29 0.00 | 26.17 1.21 0.00 | 22.55 1.00 0.00 | 21.32 0.98 0.00 | 20.40 0.93 0.00 | 21.59 1.01 0.00 | 21.55 1.13 0.00 | 27.77 1.72 0.00 | 27.11 1.71 0.00 | 23.73 1.33 0.00 | 25.20 1.29 0.00 | 20.52 1.02 0.00 | 19.45 0.94 0.00 | 20.65 0.89 0.00 |
| INDIAN POINT_GT_3 24019 | 20.13 0.98 0.00 | 19.33 0.89 0.00 | 19.40 0.91 0.00 | 18.84 0.83 0.00 | 19.85 0.91 0.00 | 20.42 1.07 0.00 | 21.62 1.41 0.00 | 31.45 2.25 0.00 | 24.57 1.72 0.00 | 21.84 1.52 0.00 | 22.22 1.29 0.00 | 26.17 1.21 0.00 | 22.55 1.00 0.00 | 21.32 0.98 0.00 | 20.40 0.93 0.00 | 21.59 1.01 0.00 | 21.55 1.13 0.00 | 27.77 1.72 0.00 | 27.11 1.71 0.00 | 23.73 1.33 0.00 | 25.20 1.29 0.00 | 20.52 1.02 0.00 | 19.45 0.94 0.00 | 20.65 0.89 0.00 |
| INDIAN POINT___2 23530 | 20.10 0.95 0.00 | 19.29 0.85 0.00 | 19.37 0.88 0.00 | 18.81 0.79 0.00 | 19.82 0.87 0.00 | 20.39 1.04 0.00 | 21.59 1.38 0.00 | 31.42 2.22 0.00 | 24.52 1.68 0.00 | 21.79 1.47 0.00 | 22.17 1.25 0.00 | 26.12 1.17 0.00 | 22.51 0.97 0.00 | 21.29 0.95 0.00 | 20.36 0.89 0.00 | 21.55 0.97 0.00 | 21.51 1.09 0.00 | 27.72 1.67 0.00 | 27.07 1.67 0.00 | 23.69 1.29 0.00 | 25.15 1.25 0.00 | 20.48 0.98 0.00 | 19.42 0.91 0.00 | 20.61 0.86 0.00 |
| INDIAN POINT___3 23531 | 20.10 0.96 0.00 | 19.30 0.87 0.00 | 19.37 0.89 0.00 | 18.82 0.81 0.00 | 19.83 0.89 0.00 | 20.40 1.05 0.00 | 21.60 1.38 0.00 | 31.41 2.21 0.00 | 24.53 1.69 0.00 | 21.80 1.49 0.00 | 22.18 1.26 0.00 | 26.13 1.18 0.00 | 22.52 0.98 0.00 | 21.30 0.96 0.00 | 20.38 0.90 0.00 | 21.57 0.98 0.00 | 21.52 1.10 0.00 | 27.74 1.69 0.00 | 27.08 1.68 0.00 | 23.70 1.31 0.00 | 25.17 1.26 0.00 | 20.49 0.99 0.00 | 19.43 0.92 0.00 | 20.64 0.88 0.00 |
| INGHAM_C_115KV_TB7 356103 | 19.40 0.25 0.00 | 18.64 0.21 0.00 | 18.71 0.23 0.00 | 18.23 0.22 0.00 | 19.20 0.25 0.00 | 19.68 0.33 0.00 | 20.88 0.66 0.00 | 30.23 1.03 0.00 | 23.65 0.81 0.00 | 20.80 0.48 0.00 | 21.17 0.25 0.00 | 25.11 0.16 0.00 | 21.58 0.04 0.00 | 20.36 0.02 0.00 | 19.52 0.04 0.00 | 20.61 0.03 0.00 | 20.63 0.21 0.00 | 26.74 0.68 0.00 | 26.13 0.73 0.00 | 22.85 0.46 0.00 | 24.36 0.45 0.00 | 19.85 0.35 0.00 | 18.89 0.39 0.00 | 20.07 0.32 0.00 |
| IP CORINTH___1 23988 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.77 0.00 | 18.79 0.78 0.00 | 19.80 0.85 0.00 | 20.31 0.96 0.00 | 21.54 1.33 0.00 | 31.25 2.05 0.00 | 24.41 1.57 0.00 | 21.51 1.20 0.00 | 21.86 0.94 0.00 | 26.02 1.06 0.00 | 22.31 0.76 0.00 | 21.05 0.72 0.00 | 20.26 0.78 0.00 | 21.48 0.90 0.00 | 21.55 1.12 0.00 | 27.80 1.74 0.00 | 27.07 1.67 0.00 | 23.73 1.34 0.00 | 25.19 1.28 0.00 | 20.47 0.97 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| IP___TICONDEROGA 23804 | 20.42 1.28 0.00 | 19.58 1.14 0.00 | 19.69 1.20 0.00 | 19.23 1.21 0.00 | 20.32 1.37 0.00 | 20.92 1.56 0.00 | 22.44 2.23 0.00 | 32.72 3.52 0.00 | 25.51 2.67 0.00 | 22.44 2.12 0.00 | 22.61 1.69 0.00 | 26.78 1.83 0.00 | 22.86 1.32 0.00 | 21.52 1.18 0.00 | 20.91 1.44 0.00 | 22.20 1.62 0.00 | 22.55 2.12 0.00 | 29.14 3.09 0.00 | 28.35 2.95 0.00 | 24.77 2.38 0.00 | 26.07 2.16 0.00 | 21.10 1.60 0.00 | 19.86 1.35 0.00 | 20.99 1.24 0.00 |
| ISLIP_RES_REC 323679 | 21.00 1.85 0.00 | 20.12 1.68 0.00 | 20.17 1.68 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.19 1.84 0.00 | 34.57 2.18 -12.18 | 70.42 3.34 -37.87 | 58.00 2.54 -32.62 | 23.38 2.22 -0.85 | 70.45 2.02 -47.51 | 26.78 1.83 0.00 | 22.97 1.42 0.00 | 36.59 1.51 -14.75 | 33.48 1.48 -12.52 | 33.42 1.61 -11.22 | 70.55 1.81 -48.32 | 55.13 2.62 -26.46 | 34.21 2.63 -6.19 | 24.56 2.17 0.00 | 26.21 2.30 0.00 | 21.77 1.92 -0.35 | 20.38 1.69 -0.18 | 21.48 1.66 -0.06 |

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| JAMAICA__27_KV_LOAD 355505 | 20.34 1.19 0.00 | 19.53 1.10 0.00 | 19.61 1.12 0.00 | 19.04 1.03 0.00 | 20.04 1.09 0.00 | 20.64 1.29 0.00 | 21.96 1.75 0.00 | 32.00 2.80 0.00 | 25.00 2.16 0.00 | 22.24 1.92 0.00 | 22.61 1.69 0.00 | 26.52 1.57 0.00 | 22.87 1.33 0.00 | 21.62 1.29 0.00 | 20.76 1.29 0.00 | 21.93 1.35 0.00 | 21.89 1.47 0.00 | 28.22 2.17 0.00 | 27.56 2.16 0.00 | 24.07 1.67 0.00 | 25.58 1.67 0.00 | 20.82 1.32 0.00 | 19.76 1.25 0.00 | 20.90 1.15 0.00 |
| JANIS__SOLAR 323808 | 29.81 0.08 -10.57 | 27.40 0.20 -8.76 | 28.05 0.11 -9.45 | 20.39 0.09 -2.28 | 18.91 0.22 0.25 | 19.14 0.30 0.51 | 20.72 0.51 0.00 | 28.61 0.90 1.50 | 23.01 0.65 0.48 | 20.82 0.51 0.00 | 21.19 0.27 0.00 | 25.11 0.16 0.00 | 21.63 0.08 0.00 | 20.52 0.18 0.00 | 19.65 0.18 0.00 | 21.01 0.43 0.00 | 21.07 0.64 0.00 | 27.00 0.95 0.00 | 26.34 0.94 0.00 | 23.00 0.60 0.00 | 24.36 0.45 0.00 | 19.75 0.25 0.00 | 19.09 0.23 -0.34 | 20.00 0.25 0.00 |
| JARVIS____ 23743 | 19.25 0.10 0.00 | 18.53 0.09 0.00 | 18.57 0.09 0.00 | 18.10 0.09 0.00 | 19.04 0.09 0.00 | 19.47 0.12 0.00 | 20.39 0.18 0.00 | 29.50 0.29 0.00 | 23.05 0.21 0.00 | 20.49 0.17 0.00 | 21.04 0.12 0.00 | 25.04 0.09 0.00 | 21.61 0.07 0.00 | 20.40 0.06 0.00 | 19.53 0.06 0.00 | 20.65 0.07 0.00 | 20.54 0.11 0.00 | 26.28 0.23 0.00 | 25.63 0.23 0.00 | 22.53 0.14 0.00 | 24.03 0.12 0.00 | 19.60 0.09 0.00 | 18.60 0.09 0.00 | 19.84 0.08 0.00 |
| JENNISON____1 23625 | 22.00 -0.01 -2.86 | 21.19 0.38 -2.37 | 21.06 0.16 -2.41 | 18.76 0.14 -0.62 | 19.04 0.37 0.27 | 19.01 0.20 0.55 | 20.65 0.44 0.00 | 28.42 0.82 1.61 | 23.07 0.75 0.51 | 21.03 0.71 0.00 | 21.59 0.67 0.00 | 25.73 0.77 0.00 | 22.16 0.62 0.00 | 20.95 0.61 0.00 | 20.00 0.52 0.00 | 21.27 0.69 0.00 | 21.21 0.79 0.00 | 27.10 1.04 0.00 | 26.36 0.96 0.00 | 22.93 0.53 0.00 | 24.36 0.45 0.00 | 19.74 0.24 0.00 | 18.88 0.28 -0.09 | 20.08 0.32 0.00 |
| JENNISON____2 23626 | 22.00 -0.01 -2.86 | 21.19 0.38 -2.37 | 21.06 0.16 -2.41 | 18.76 0.14 -0.62 | 19.04 0.37 0.27 | 19.01 0.20 0.55 | 20.65 0.44 0.00 | 28.42 0.82 1.61 | 23.07 0.75 0.51 | 21.03 0.71 0.00 | 21.59 0.67 0.00 | 25.73 0.77 0.00 | 22.16 0.62 0.00 | 20.95 0.61 0.00 | 20.00 0.52 0.00 | 21.27 0.69 0.00 | 21.21 0.79 0.00 | 27.10 1.04 0.00 | 26.36 0.96 0.00 | 22.93 0.53 0.00 | 24.36 0.45 0.00 | 19.74 0.24 0.00 | 18.88 0.28 -0.09 | 20.08 0.32 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 18.86 -0.29 0.00 | 18.14 -0.29 0.00 | 18.16 -0.33 0.00 | 17.86 -0.15 0.00 | 18.92 -0.03 0.00 | 19.18 -0.17 0.00 | 19.86 -0.35 0.00 | 28.43 -0.78 0.00 | 22.47 -0.37 0.00 | 20.04 -0.28 0.00 | 20.70 -0.22 0.00 | 25.15 0.20 0.00 | 21.79 0.25 0.00 | 20.39 0.05 0.00 | 19.81 0.34 0.00 | 20.94 0.36 0.00 | 20.54 0.12 0.00 | 25.78 -0.27 0.00 | 24.88 -0.52 0.00 | 21.89 -0.50 0.00 | 23.59 -0.32 0.00 | 19.04 -0.46 0.00 | 14.85 -0.61 3.05 | 2.08 -0.32 17.35 |
| KATONAH__115KV_46KV_TB4 355592 | 20.21 1.06 0.00 | 19.42 0.98 0.00 | 19.48 0.99 0.00 | 18.94 0.92 0.00 | 19.95 1.00 0.00 | 20.52 1.17 0.00 | 21.70 1.49 0.00 | 31.54 2.34 0.00 | 24.65 1.81 0.00 | 21.91 1.59 0.00 | 22.30 1.38 0.00 | 26.29 1.34 0.00 | 22.65 1.11 0.00 | 21.42 1.08 0.00 | 20.59 1.11 0.00 | 21.78 1.20 0.00 | 21.71 1.28 0.00 | 27.98 1.92 0.00 | 27.33 1.93 0.00 | 23.91 1.52 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.79 1.03 0.00 |
| KCE_NY_1 323755 | 20.08 0.93 0.00 | 19.28 0.84 0.00 | 19.32 0.83 0.00 | 18.87 0.86 0.00 | 19.86 0.92 0.00 | 20.35 1.00 0.00 | 21.51 1.30 0.00 | 31.17 1.97 0.00 | 24.34 1.50 0.00 | 21.48 1.16 0.00 | 21.89 0.96 0.00 | 26.06 1.10 0.00 | 22.35 0.81 0.00 | 21.10 0.76 0.00 | 20.27 0.80 0.00 | 21.49 0.91 0.00 | 21.48 1.06 0.00 | 27.68 1.63 0.00 | 26.92 1.52 0.00 | 23.68 1.28 0.00 | 25.17 1.27 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.65 0.90 0.00 |
| KCE_NY_6_ESR 323823 | 13.33 -1.59 4.23 | 13.28 -1.66 3.50 | 13.00 -1.64 3.85 | 15.44 -1.66 0.91 | 14.12 -1.72 3.11 | 11.64 -1.41 6.31 | 18.76 -1.42 0.04 | 8.56 -2.19 18.46 | 15.10 -1.81 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.68 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.94 -1.54 0.00 | 18.98 -1.60 0.00 | 19.07 -1.36 0.00 | 24.16 -1.89 0.00 | 23.70 -1.70 0.00 | 20.66 -1.73 0.00 | 21.73 -2.18 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.55 0.00 | 20.57 1.62 0.00 | 21.17 1.82 0.00 | 34.56 2.17 -12.18 | 70.41 3.33 -37.87 | 57.99 2.53 -32.62 | 23.37 2.21 -0.85 | 70.44 2.00 -47.51 | 26.78 1.82 0.00 | 22.95 1.41 0.00 | 36.58 1.49 -14.75 | 33.47 1.48 -12.52 | 33.41 1.61 -11.22 | 70.55 1.81 -48.32 | 55.09 2.58 -26.46 | 34.09 2.50 -6.19 | 24.45 2.06 0.00 | 26.04 2.13 0.00 | 21.59 1.74 -0.35 | 20.23 1.54 -0.18 | 21.38 1.56 -0.06 |
| KEDC PORT_JEFF_GT3 24211 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.55 0.00 | 20.57 1.62 0.00 | 21.17 1.82 0.00 | 34.56 2.17 -12.18 | 70.41 3.33 -37.87 | 57.99 2.53 -32.62 | 23.37 2.21 -0.85 | 70.44 2.00 -47.51 | 26.78 1.82 0.00 | 22.95 1.41 0.00 | 36.58 1.49 -14.75 | 33.47 1.48 -12.52 | 33.41 1.61 -11.22 | 70.55 1.81 -48.32 | 55.09 2.58 -26.46 | 34.09 2.50 -6.19 | 24.45 2.06 0.00 | 26.04 2.13 0.00 | 21.59 1.74 -0.35 | 20.23 1.54 -0.18 | 21.38 1.56 -0.06 |
| KEDC_GLWD_GT4 24219 | 20.57 1.42 0.00 | 19.74 1.30 0.00 | 19.79 1.30 0.00 | 19.21 1.19 0.00 | 20.21 1.26 0.00 | 20.81 1.46 0.00 | 34.20 1.81 -12.18 | 69.89 2.81 -37.87 | 57.56 2.10 -32.62 | 23.04 1.88 -0.85 | 70.14 1.70 -47.51 | 26.55 1.59 0.00 | 22.87 1.33 0.00 | 36.44 1.36 -14.75 | 33.34 1.34 -12.52 | 33.22 1.41 -11.22 | 70.20 1.46 -48.32 | 54.66 2.15 -26.46 | 33.74 2.15 -6.19 | 24.22 1.83 0.00 | 25.77 1.86 0.00 | 21.35 1.50 -0.35 | 20.07 1.38 -0.18 | 21.17 1.35 -0.06 |
| KEDC_GLWD_GT5 24220 | 20.57 1.42 0.00 | 19.74 1.30 0.00 | 19.79 1.30 0.00 | 19.21 1.19 0.00 | 20.21 1.26 0.00 | 20.81 1.46 0.00 | 34.20 1.81 -12.18 | 69.89 2.81 -37.87 | 57.56 2.10 -32.62 | 23.04 1.88 -0.85 | 70.14 1.70 -47.51 | 26.55 1.59 0.00 | 22.87 1.33 0.00 | 36.44 1.36 -14.75 | 33.34 1.34 -12.52 | 33.22 1.41 -11.22 | 70.20 1.46 -48.32 | 54.66 2.15 -26.46 | 33.74 2.15 -6.19 | 24.22 1.83 0.00 | 25.77 1.86 0.00 | 21.35 1.50 -0.35 | 20.07 1.38 -0.18 | 21.17 1.35 -0.06 |
| KENSICO____ 23655 | 20.17 1.03 0.00 | 19.37 0.93 0.00 | 19.44 0.95 0.00 | 18.88 0.87 0.00 | 19.89 0.94 0.00 | 20.46 1.11 0.00 | 21.67 1.46 0.00 | 31.52 2.31 0.00 | 24.62 1.78 0.00 | 21.89 1.58 0.00 | 22.27 1.35 0.00 | 26.22 1.27 0.00 | 22.61 1.06 0.00 | 21.39 1.05 0.00 | 20.47 1.00 0.00 | 21.66 1.08 0.00 | 21.61 1.19 0.00 | 27.85 1.79 0.00 | 27.19 1.79 0.00 | 23.79 1.40 0.00 | 25.26 1.36 0.00 | 20.57 1.07 0.00 | 19.51 1.00 0.00 | 20.70 0.94 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 20.21 1.06 0.00 | 19.40 0.97 0.00 | 19.46 0.98 0.00 | 18.92 0.90 0.00 | 19.94 1.00 0.00 | 20.53 1.18 0.00 | 21.75 1.54 0.00 | 31.68 2.48 0.00 | 24.73 1.89 0.00 | 21.91 1.59 0.00 | 22.16 1.24 0.00 | 26.05 1.10 0.00 | 22.44 0.90 0.00 | 21.25 0.91 0.00 | 20.25 0.78 0.00 | 21.45 0.87 0.00 | 21.48 1.06 0.00 | 27.76 1.71 0.00 | 27.12 1.72 0.00 | 23.78 1.38 0.00 | 25.43 1.52 0.00 | 20.69 1.19 0.00 | 19.57 1.06 0.00 | 20.75 1.00 0.00 |

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| KIAC_JFK_GT1 23816 | 20.28 1.13 0.00 | 19.48 1.04 0.00 | 19.55 1.07 0.00 | 18.99 0.97 0.00 | 19.98 1.03 0.00 | 20.57 1.22 0.00 | 21.88 1.67 0.00 | 31.88 2.68 0.00 | 24.91 2.07 0.00 | 22.16 1.84 0.00 | 22.53 1.60 0.00 | 26.44 1.48 0.00 | 22.80 1.26 0.00 | 21.56 1.22 0.00 | 20.69 1.22 0.00 | 21.86 1.28 0.00 | 21.83 1.40 0.00 | 28.13 2.08 0.00 | 27.46 2.06 0.00 | 23.98 1.59 0.00 | 25.49 1.58 0.00 | 20.75 1.25 0.00 | 19.69 1.18 0.00 | 20.83 1.07 0.00 |
| KIAC_JFK_GT2 23817 | 20.28 1.13 0.00 | 19.48 1.04 0.00 | 19.55 1.07 0.00 | 18.99 0.97 0.00 | 19.98 1.03 0.00 | 20.57 1.22 0.00 | 21.88 1.67 0.00 | 31.88 2.68 0.00 | 24.91 2.07 0.00 | 22.16 1.84 0.00 | 22.53 1.60 0.00 | 26.44 1.48 0.00 | 22.80 1.26 0.00 | 21.56 1.22 0.00 | 20.69 1.22 0.00 | 21.86 1.28 0.00 | 21.83 1.40 0.00 | 28.13 2.08 0.00 | 27.46 2.06 0.00 | 23.98 1.59 0.00 | 25.49 1.58 0.00 | 20.75 1.25 0.00 | 19.69 1.18 0.00 | 20.83 1.07 0.00 |
| KIAC_JFK____ 323774 | 20.28 1.14 0.00 | 19.48 1.04 0.00 | 19.55 1.06 0.00 | 18.99 0.97 0.00 | 19.98 1.04 0.00 | 20.57 1.22 0.00 | 21.88 1.67 0.00 | 31.90 2.70 0.00 | 24.92 2.08 0.00 | 22.16 1.85 0.00 | 22.53 1.60 0.00 | 26.44 1.48 0.00 | 22.80 1.26 0.00 | 21.56 1.22 0.00 | 20.69 1.22 0.00 | 21.86 1.28 0.00 | 21.83 1.40 0.00 | 28.13 2.08 0.00 | 27.46 2.06 0.00 | 23.98 1.59 0.00 | 25.49 1.58 0.00 | 20.75 1.25 0.00 | 19.69 1.18 0.00 | 20.83 1.07 0.00 |
| KINTIGH____ 23543 | 14.45 -1.58 3.12 | 14.21 -1.65 2.58 | 14.04 -1.62 2.83 | 15.70 -1.65 0.67 | 18.53 -1.69 -1.27 | 20.43 -1.49 -2.57 | 18.53 -1.70 -0.01 | 34.13 -2.62 -7.54 | 23.03 -2.23 -2.42 | 18.43 -1.90 -0.01 | 18.93 -2.00 0.00 | 22.70 -2.25 0.00 | 19.71 -1.83 0.00 | 18.59 -1.75 0.00 | 17.59 -1.88 0.00 | 18.56 -2.02 0.00 | 18.63 -1.80 0.00 | 23.97 -2.09 0.00 | 23.41 -1.99 0.00 | 20.49 -1.90 0.00 | 21.56 -2.35 0.00 | 17.58 -1.93 0.00 | 16.62 -1.80 0.09 | 17.93 -1.82 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 19.12 -0.03 0.00 | 18.37 -0.07 0.00 | 18.37 -0.11 0.00 | 18.05 0.04 0.00 | 19.12 0.18 0.00 | 19.37 0.01 0.00 | 20.16 -0.05 0.00 | 28.90 -0.31 0.00 | 22.82 -0.02 0.00 | 20.34 0.02 0.00 | 20.96 0.03 0.00 | 25.39 0.44 0.00 | 22.02 0.48 0.00 | 20.59 0.24 0.00 | 20.04 0.56 0.00 | 21.21 0.63 0.00 | 20.87 0.45 0.00 | 26.22 0.17 0.00 | 25.30 -0.10 0.00 | 22.19 -0.20 0.00 | 23.84 -0.07 0.00 | 19.26 -0.24 0.00 | 15.19 -0.44 2.89 | 3.22 -0.10 16.43 |
| LACHUTE____HYDRO 323717 | 20.43 1.28 0.00 | 19.58 1.14 0.00 | 19.69 1.20 0.00 | 19.23 1.21 0.00 | 20.32 1.37 0.00 | 20.92 1.56 0.00 | 22.44 2.23 0.00 | 32.72 3.51 0.00 | 25.51 2.67 0.00 | 22.44 2.12 0.00 | 22.61 1.69 0.00 | 26.78 1.83 0.00 | 22.86 1.32 0.00 | 21.52 1.18 0.00 | 20.91 1.44 0.00 | 22.20 1.62 0.00 | 22.55 2.12 0.00 | 29.14 3.09 0.00 | 28.35 2.95 0.00 | 24.77 2.38 0.00 | 26.07 2.16 0.00 | 21.10 1.60 0.00 | 19.86 1.35 0.00 | 20.99 1.24 0.00 |
| LAWRNCV_115KV_TB1 80681 | 18.74 -0.41 0.00 | 18.20 -0.24 0.00 | 18.23 -0.26 0.00 | 17.79 -0.22 0.00 | 18.71 -0.23 0.00 | 18.93 -0.42 0.00 | 19.65 -0.56 0.00 | 28.43 -0.78 0.00 | 22.49 -0.35 0.00 | 20.06 -0.26 0.00 | 20.77 -0.15 0.00 | 24.95 0.00 0.00 | 21.42 -0.12 0.00 | 20.10 -0.24 0.00 | 19.36 -0.12 0.00 | 20.44 -0.15 0.00 | 20.17 -0.26 0.00 | 25.46 -0.59 0.00 | 24.72 -0.68 0.00 | 21.91 -0.48 0.00 | 23.52 -0.39 0.00 | 19.14 -0.36 0.00 | 18.54 -0.33 -0.36 | 21.63 -0.20 -2.08 |
| LEDERLE____ 23769 | 20.16 1.01 0.00 | 19.35 0.91 0.00 | 19.43 0.94 0.00 | 18.87 0.85 0.00 | 19.89 0.94 0.00 | 20.47 1.12 0.00 | 21.68 1.47 0.00 | 31.54 2.34 0.00 | 24.63 1.79 0.00 | 21.87 1.56 0.00 | 22.26 1.34 0.00 | 26.23 1.28 0.00 | 22.59 1.05 0.00 | 21.36 1.02 0.00 | 20.43 0.95 0.00 | 21.63 1.05 0.00 | 21.60 1.17 0.00 | 27.84 1.79 0.00 | 27.18 1.78 0.00 | 23.79 1.40 0.00 | 25.26 1.35 0.00 | 20.55 1.06 0.00 | 19.48 0.97 0.00 | 20.69 0.94 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 18.28 -0.86 0.00 | 17.63 -0.81 0.00 | 17.62 -0.86 0.00 | 17.17 -0.84 0.00 | 18.10 -0.84 0.00 | 18.57 -0.78 0.00 | 19.45 -0.76 0.00 | 28.17 -1.03 0.00 | 21.99 -0.85 0.00 | 19.48 -0.84 0.00 | 20.05 -0.87 0.00 | 23.87 -1.08 0.00 | 20.60 -0.94 0.00 | 19.46 -0.88 0.00 | 18.70 -0.77 0.00 | 19.79 -0.79 0.00 | 19.74 -0.68 0.00 | 25.24 -0.81 0.00 | 24.55 -0.85 0.00 | 21.56 -0.83 0.00 | 22.88 -1.03 0.00 | 18.65 -0.85 0.00 | 17.71 -0.80 0.00 | 18.91 -0.85 0.00 |
| LINDEN COGEN____ 23786 | 20.14 0.99 0.00 | 19.33 0.89 0.00 | 19.40 0.92 0.00 | 18.83 0.82 0.00 | 19.82 0.87 0.00 | 20.39 1.04 0.00 | 21.66 1.45 0.00 | 31.56 2.35 0.00 | 24.66 1.82 0.00 | 21.96 1.65 0.00 | 22.33 1.41 0.00 | 26.24 1.28 0.00 | 22.64 1.09 0.00 | 21.44 1.10 0.00 | 20.54 1.07 0.00 | 21.72 1.13 0.00 | 21.65 1.22 0.00 | 27.88 1.82 0.00 | 27.22 1.82 0.00 | 23.80 1.41 0.00 | 25.29 1.38 0.00 | 20.58 1.08 0.00 | 19.52 1.01 0.00 | 20.67 0.91 0.00 |
| LINDHRST_69_KV_BK1 356055 | 20.78 1.63 0.00 | 19.92 1.49 0.00 | 19.96 1.48 0.00 | 19.38 1.36 0.00 | 20.37 1.43 0.00 | 20.97 1.62 0.00 | 34.38 1.99 -12.18 | 70.13 3.05 -37.87 | 57.81 2.35 -32.62 | 23.22 2.05 -0.85 | 70.27 1.84 -47.51 | 26.64 1.68 0.00 | 22.90 1.36 0.00 | 36.50 1.42 -14.75 | 33.40 1.40 -12.52 | 33.34 1.53 -11.22 | 70.43 1.69 -48.32 | 54.94 2.43 -26.46 | 34.03 2.44 -6.19 | 24.41 2.02 0.00 | 26.01 2.10 0.00 | 21.57 1.72 -0.35 | 20.25 1.56 -0.18 | 21.35 1.54 -0.06 |
| LIPA_MISC_IPP 23656 | 20.89 1.75 0.00 | 20.03 1.59 0.00 | 20.07 1.59 0.00 | 19.49 1.48 0.00 | 20.48 1.54 0.00 | 21.08 1.73 0.00 | 34.44 2.05 -12.18 | 70.16 3.08 -37.87 | 57.80 2.35 -32.62 | 23.21 2.05 -0.85 | 70.27 1.84 -47.51 | 26.59 1.64 0.00 | 22.81 1.26 0.00 | 36.44 1.36 -14.75 | 33.32 1.32 -12.52 | 33.21 1.40 -11.22 | 70.35 1.61 -48.32 | 54.85 2.34 -26.46 | 33.98 2.39 -6.19 | 24.37 1.98 0.00 | 26.05 2.14 0.00 | 21.67 1.82 -0.35 | 20.28 1.59 -0.18 | 21.35 1.53 -0.06 |
| LISF__SOLAR 323691 | 20.94 1.79 0.00 | 20.06 1.63 0.00 | 20.11 1.63 0.00 | 19.52 1.51 0.00 | 20.52 1.58 0.00 | 21.12 1.77 0.00 | 34.48 2.09 -12.18 | 70.23 3.15 -37.87 | 57.85 2.39 -32.62 | 23.24 2.08 -0.85 | 70.31 1.87 -47.51 | 26.61 1.66 0.00 | 22.81 1.27 0.00 | 36.46 1.37 -14.75 | 33.33 1.33 -12.52 | 33.23 1.42 -11.22 | 70.38 1.64 -48.32 | 54.91 2.40 -26.46 | 34.04 2.45 -6.19 | 24.42 2.03 0.00 | 26.10 2.19 0.00 | 21.71 1.87 -0.35 | 20.32 1.63 -0.18 | 21.39 1.57 -0.06 |
| LITTLE FALLS____HYD 24013 | 19.40 0.25 0.00 | 18.64 0.21 0.00 | 18.71 0.23 0.00 | 18.23 0.22 0.00 | 19.20 0.25 0.00 | 19.68 0.33 0.00 | 20.88 0.66 0.00 | 30.23 1.03 0.00 | 23.65 0.81 0.00 | 20.80 0.48 0.00 | 21.17 0.25 0.00 | 25.11 0.16 0.00 | 21.58 0.04 0.00 | 20.36 0.02 0.00 | 19.52 0.04 0.00 | 20.61 0.03 0.00 | 20.63 0.21 0.00 | 26.74 0.68 0.00 | 26.13 0.73 0.00 | 22.85 0.46 0.00 | 24.36 0.45 0.00 | 19.85 0.35 0.00 | 18.89 0.39 0.00 | 20.07 0.32 0.00 |
| LITTLRIV_115KV_TB1 356100 | 19.02 -0.13 0.00 | 18.45 0.01 0.00 | 18.47 -0.01 0.00 | 18.03 0.02 0.00 | 18.97 0.03 0.00 | 19.20 -0.15 0.00 | 19.95 -0.26 0.00 | 28.87 -0.33 0.00 | 22.82 -0.01 0.00 | 20.27 -0.04 0.00 | 20.98 0.05 0.00 | 25.23 0.28 0.00 | 21.73 0.19 0.00 | 20.38 0.04 0.00 | 19.64 0.16 0.00 | 20.72 0.14 0.00 | 20.51 0.09 0.00 | 25.89 -0.16 0.00 | 25.16 -0.24 0.00 | 22.27 -0.12 0.00 | 23.92 0.01 0.00 | 19.47 -0.03 0.00 | 18.85 -0.06 -0.40 | 22.12 0.07 -2.30 |

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| LI_NEWBRDGE___DRP 323616 | 20.42 1.27 0.00 | 19.60 1.16 0.00 | 19.65 1.16 0.00 | 19.07 1.06 0.00 | 20.06 1.12 0.00 | 20.64 1.28 0.00 | 34.02 1.63 -12.18 | 69.59 2.52 -37.87 | 57.40 1.94 -32.62 | 22.87 1.71 -0.85 | 69.92 1.49 -47.51 | 26.29 1.34 0.00 | 22.66 1.12 0.00 | 36.25 1.16 -14.75 | 33.15 1.15 -12.52 | 33.04 1.24 -11.22 | 70.08 1.34 -48.32 | 54.48 1.97 -26.46 | 33.56 1.97 -6.19 | 23.98 1.59 0.00 | 25.55 1.64 0.00 | 21.18 1.33 -0.35 | 19.90 1.22 -0.18 | 21.00 1.19 -0.06 |
| LOCKPORT_115KV_TB60_63_64 80432 | 13.87 -1.71 3.57 | 13.67 -1.81 2.96 | 13.46 -1.78 3.25 | 15.40 -1.84 0.77 | 14.49 -1.91 2.55 | 12.55 -1.63 5.17 | 18.40 -1.79 0.03 | 11.36 -2.73 15.12 | 15.65 -2.34 4.85 | 18.32 -1.98 0.02 | 18.83 -2.09 0.00 | 22.59 -2.37 0.00 | 19.67 -1.88 0.00 | 18.52 -1.82 0.00 | 17.46 -2.02 0.00 | 18.45 -2.13 0.00 | 18.55 -1.88 0.00 | 23.74 -2.31 0.00 | 23.24 -2.17 0.00 | 20.31 -2.09 0.00 | 21.32 -2.59 0.00 | 17.37 -2.13 0.00 | 16.42 -1.99 0.10 | 17.74 -2.02 0.00 |
| LOCKPORT___CC1 323769 | 13.80 -1.76 3.60 | 13.62 -1.84 2.98 | 13.41 -1.80 3.27 | 15.38 -1.86 0.78 | 14.33 -1.94 2.68 | 12.24 -1.67 5.44 | 18.36 -1.82 0.03 | 10.44 -2.87 15.90 | 15.35 -2.40 5.10 | 18.31 -1.99 0.02 | 18.82 -2.10 0.00 | 22.59 -2.36 0.00 | 19.66 -1.88 0.00 | 18.51 -1.83 0.00 | 17.45 -2.02 0.00 | 18.45 -2.13 0.00 | 18.54 -1.88 0.00 | 23.72 -2.33 0.00 | 23.22 -2.18 0.00 | 20.29 -2.10 0.00 | 21.31 -2.60 0.00 | 17.35 -2.15 0.00 | 16.39 -2.01 0.10 | 17.73 -2.03 0.00 |
| LOCKPORT___CC2 323770 | 13.80 -1.76 3.60 | 13.62 -1.84 2.98 | 13.41 -1.80 3.27 | 15.38 -1.86 0.78 | 14.33 -1.94 2.68 | 12.24 -1.67 5.44 | 18.36 -1.82 0.03 | 10.44 -2.87 15.90 | 15.35 -2.40 5.10 | 18.31 -1.99 0.02 | 18.82 -2.10 0.00 | 22.59 -2.36 0.00 | 19.66 -1.88 0.00 | 18.51 -1.83 0.00 | 17.45 -2.02 0.00 | 18.45 -2.13 0.00 | 18.54 -1.88 0.00 | 23.72 -2.33 0.00 | 23.22 -2.18 0.00 | 20.29 -2.10 0.00 | 21.31 -2.60 0.00 | 17.35 -2.15 0.00 | 16.39 -2.01 0.10 | 17.73 -2.03 0.00 |
| LOCKPORT___CC3 323771 | 13.80 -1.76 3.60 | 13.62 -1.84 2.98 | 13.41 -1.80 3.27 | 15.38 -1.86 0.78 | 14.33 -1.94 2.68 | 12.24 -1.67 5.44 | 18.36 -1.82 0.03 | 10.44 -2.87 15.90 | 15.35 -2.40 5.10 | 18.31 -1.99 0.02 | 18.82 -2.10 0.00 | 22.59 -2.36 0.00 | 19.66 -1.88 0.00 | 18.51 -1.83 0.00 | 17.45 -2.02 0.00 | 18.45 -2.13 0.00 | 18.54 -1.88 0.00 | 23.72 -2.33 0.00 | 23.22 -2.18 0.00 | 20.29 -2.10 0.00 | 21.31 -2.60 0.00 | 17.35 -2.15 0.00 | 16.39 -2.01 0.10 | 17.73 -2.03 0.00 |
| LONG_LAKE_PHOENIX 24014 | 18.39 -0.75 0.00 | 17.69 -0.75 0.00 | 17.72 -0.76 0.00 | 17.25 -0.76 0.00 | 18.16 -0.78 0.00 | 18.64 -0.71 0.00 | 19.50 -0.71 0.00 | 28.21 -1.00 0.00 | 21.99 -0.85 0.00 | 19.53 -0.79 0.00 | 20.09 -0.83 0.00 | 23.88 -1.07 0.00 | 20.68 -0.86 0.00 | 19.56 -0.78 0.00 | 18.68 -0.79 0.00 | 19.77 -0.82 0.00 | 19.71 -0.72 0.00 | 25.22 -0.83 0.00 | 24.60 -0.80 0.00 | 21.61 -0.78 0.00 | 22.94 -0.97 0.00 | 18.73 -0.77 0.00 | 17.81 -0.70 0.00 | 19.04 -0.72 0.00 |
| LOVETT___3 23632 | 20.08 0.93 0.00 | 19.27 0.84 0.00 | 19.35 0.86 0.00 | 18.79 0.78 0.00 | 19.81 0.87 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.39 2.19 0.00 | 24.50 1.66 0.00 | 21.77 1.45 0.00 | 22.15 1.23 0.00 | 26.10 1.15 0.00 | 22.48 0.94 0.00 | 21.26 0.92 0.00 | 20.33 0.86 0.00 | 21.53 0.94 0.00 | 21.49 1.07 0.00 | 27.69 1.64 0.00 | 27.04 1.64 0.00 | 23.66 1.27 0.00 | 25.12 1.22 0.00 | 20.45 0.95 0.00 | 19.40 0.89 0.00 | 20.61 0.86 0.00 |
| LOVETT___4 23642 | 20.08 0.93 0.00 | 19.27 0.84 0.00 | 19.35 0.86 0.00 | 18.79 0.78 0.00 | 19.81 0.87 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.39 2.19 0.00 | 24.50 1.66 0.00 | 21.77 1.45 0.00 | 22.15 1.23 0.00 | 26.10 1.15 0.00 | 22.48 0.94 0.00 | 21.26 0.92 0.00 | 20.33 0.86 0.00 | 21.53 0.94 0.00 | 21.49 1.07 0.00 | 27.69 1.64 0.00 | 27.04 1.64 0.00 | 23.66 1.27 0.00 | 25.12 1.22 0.00 | 20.45 0.95 0.00 | 19.40 0.89 0.00 | 20.61 0.86 0.00 |
| LOVETT___5 23593 | 20.08 0.93 0.00 | 19.27 0.84 0.00 | 19.35 0.86 0.00 | 18.79 0.78 0.00 | 19.81 0.87 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.39 2.19 0.00 | 24.50 1.66 0.00 | 21.77 1.45 0.00 | 22.15 1.23 0.00 | 26.10 1.15 0.00 | 22.48 0.94 0.00 | 21.26 0.92 0.00 | 20.33 0.86 0.00 | 21.53 0.94 0.00 | 21.49 1.07 0.00 | 27.69 1.64 0.00 | 27.04 1.64 0.00 | 23.66 1.27 0.00 | 25.12 1.22 0.00 | 20.45 0.95 0.00 | 19.40 0.89 0.00 | 20.61 0.86 0.00 |
| LOWER RAQUET___HYD 24057 | 18.64 -0.51 0.00 | 18.09 -0.34 0.00 | 18.12 -0.37 0.00 | 17.69 -0.32 0.00 | 18.62 -0.33 0.00 | 18.84 -0.52 0.00 | 19.56 -0.65 0.00 | 28.32 -0.88 0.00 | 22.44 -0.40 0.00 | 20.02 -0.29 0.00 | 20.71 -0.21 0.00 | 24.87 -0.08 0.00 | 21.33 -0.21 0.00 | 19.99 -0.35 0.00 | 19.27 -0.20 0.00 | 20.34 -0.24 0.00 | 20.08 -0.34 0.00 | 25.35 -0.70 0.00 | 24.60 -0.80 0.00 | 21.80 -0.60 0.00 | 23.40 -0.51 0.00 | 19.04 -0.46 0.00 | 18.52 -0.43 -0.44 | 21.97 -0.30 -2.51 |
| LOWER___HUDSON 24059 | 19.93 0.79 0.00 | 19.17 0.73 0.00 | 19.22 0.74 0.00 | 18.75 0.74 0.00 | 19.74 0.79 0.00 | 20.19 0.84 0.00 | 21.30 1.08 0.00 | 30.80 1.60 0.00 | 24.07 1.23 0.00 | 21.32 1.01 0.00 | 21.75 0.83 0.00 | 25.85 0.90 0.00 | 22.21 0.67 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.26 0.67 0.00 | 21.20 0.78 0.00 | 27.30 1.25 0.00 | 26.60 1.20 0.00 | 23.33 0.93 0.00 | 24.87 0.96 0.00 | 20.28 0.78 0.00 | 19.25 0.74 0.00 | 20.50 0.74 0.00 |
| LOWVILLE_115KV_TB2 356335 | 18.42 -0.73 0.00 | 17.91 -0.53 0.00 | 17.82 -0.67 0.00 | 17.42 -0.59 0.00 | 18.42 -0.53 0.00 | 18.79 -0.55 0.00 | 19.75 -0.47 0.00 | 28.62 -0.58 0.00 | 22.39 -0.45 0.00 | 19.84 -0.48 0.00 | 20.41 -0.52 0.00 | 24.50 -0.45 0.00 | 21.03 -0.51 0.00 | 19.72 -0.62 0.00 | 19.19 -0.28 0.00 | 20.33 -0.25 0.00 | 20.25 -0.17 0.00 | 25.86 -0.20 0.00 | 24.98 -0.43 0.00 | 21.89 -0.51 0.00 | 23.16 -0.74 0.00 | 18.82 -0.68 0.00 | 17.97 -0.67 -0.13 | 19.68 -0.80 -0.72 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 20.07 0.92 0.00 | 19.29 0.85 0.00 | 19.33 0.85 0.00 | 18.87 0.86 0.00 | 19.87 0.93 0.00 | 20.36 1.01 0.00 | 21.50 1.29 0.00 | 31.15 1.94 0.00 | 24.32 1.49 0.00 | 21.48 1.16 0.00 | 21.88 0.96 0.00 | 26.05 1.10 0.00 | 22.36 0.82 0.00 | 21.12 0.78 0.00 | 20.27 0.79 0.00 | 21.48 0.90 0.00 | 21.48 1.05 0.00 | 27.66 1.61 0.00 | 26.94 1.54 0.00 | 23.64 1.25 0.00 | 25.16 1.25 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.64 0.89 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 20.08 0.93 0.00 | 19.28 0.84 0.00 | 19.32 0.83 0.00 | 18.87 0.85 0.00 | 19.86 0.92 0.00 | 20.35 1.00 0.00 | 21.51 1.30 0.00 | 31.17 1.97 0.00 | 24.34 1.50 0.00 | 21.48 1.16 0.00 | 21.89 0.96 0.00 | 26.06 1.10 0.00 | 22.35 0.81 0.00 | 21.10 0.76 0.00 | 20.27 0.80 0.00 | 21.49 0.91 0.00 | 21.48 1.06 0.00 | 27.68 1.63 0.00 | 26.92 1.52 0.00 | 23.68 1.28 0.00 | 25.18 1.27 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.65 0.90 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.71 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.65 -0.30 | 20.81 -0.65 -1.70 |

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| LYONS_FALL_HYD 23570 | 18.85 -0.30 0.00 | 18.25 -0.18 0.00 | 18.22 -0.27 0.00 | 17.78 -0.23 0.00 | 18.77 -0.18 0.00 | 19.19 -0.16 0.00 | 20.15 -0.06 0.00 | 29.19 -0.02 0.00 | 22.82 -0.02 0.00 | 20.24 -0.08 0.00 | 20.81 -0.11 0.00 | 24.88 -0.07 0.00 | 21.41 -0.13 0.00 | 20.12 -0.22 0.00 | 19.46 -0.01 0.00 | 20.57 -0.01 0.00 | 20.51 0.09 0.00 | 26.24 0.18 0.00 | 25.44 0.04 0.00 | 22.32 -0.07 0.00 | 23.67 -0.24 0.00 | 19.26 -0.24 0.00 | 18.34 -0.25 -0.08 | 19.89 -0.35 -0.48 |
| MADISON___COUNTY_LFGE 323628 | 19.35 0.20 0.00 | 18.64 0.20 0.00 | 18.67 0.18 0.00 | 18.18 0.17 0.00 | 19.17 0.22 0.00 | 19.67 0.32 0.00 | 20.67 0.46 0.00 | 29.92 0.71 0.00 | 23.36 0.52 0.00 | 20.73 0.41 0.00 | 21.27 0.34 0.00 | 25.31 0.35 0.00 | 21.83 0.28 0.00 | 20.58 0.24 0.00 | 19.74 0.27 0.00 | 20.83 0.25 0.00 | 20.80 0.37 0.00 | 26.71 0.65 0.00 | 26.04 0.63 0.00 | 22.85 0.46 0.00 | 24.27 0.36 0.00 | 19.76 0.26 0.00 | 18.74 0.23 0.00 | 19.94 0.18 0.00 |
| MALONE___115KV_TB1 356076 | 19.05 -0.10 0.00 | 18.35 -0.09 0.00 | 18.36 -0.12 0.00 | 18.03 0.02 0.00 | 19.07 0.13 0.00 | 19.37 0.02 0.00 | 20.08 -0.13 0.00 | 28.87 -0.33 0.00 | 22.83 -0.01 0.00 | 20.37 0.06 0.00 | 21.03 0.11 0.00 | 25.49 0.54 0.00 | 22.04 0.50 0.00 | 20.60 0.26 0.00 | 19.97 0.50 0.00 | 21.10 0.52 0.00 | 20.74 0.32 0.00 | 26.10 0.04 0.00 | 25.23 -0.17 0.00 | 22.24 -0.16 0.00 | 23.91 0.00 0.00 | 19.33 -0.17 0.00 | 20.15 -0.32 -1.96 | 30.83 -0.07 -11.15 |
| MAPLEWOD_115KV_TB3 80458 | 19.88 0.73 0.00 | 19.13 0.69 0.00 | 19.18 0.70 0.00 | 18.72 0.71 0.00 | 19.68 0.73 0.00 | 20.14 0.79 0.00 | 21.19 0.98 0.00 | 30.55 1.35 0.00 | 23.90 1.06 0.00 | 21.20 0.88 0.00 | 21.60 0.68 0.00 | 25.68 0.73 0.00 | 22.07 0.53 0.00 | 20.81 0.47 0.00 | 19.94 0.47 0.00 | 21.11 0.53 0.00 | 21.10 0.68 0.00 | 27.14 1.09 0.00 | 26.44 1.04 0.00 | 23.18 0.79 0.00 | 24.70 0.80 0.00 | 20.18 0.67 0.00 | 19.21 0.70 0.00 | 20.50 0.74 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 18.60 -0.54 0.00 | 18.04 -0.40 0.00 | 18.02 -0.47 0.00 | 17.57 -0.44 0.00 | 18.43 -0.51 0.00 | 18.78 -0.57 0.00 | 19.63 -0.58 0.00 | 28.30 -0.91 0.00 | 22.16 -0.68 0.00 | 19.80 -0.52 0.00 | 20.48 -0.45 0.00 | 24.65 -0.30 0.00 | 21.30 -0.24 0.00 | 20.09 -0.24 0.00 | 19.32 -0.15 0.00 | 20.42 -0.16 0.00 | 20.21 -0.21 0.00 | 25.64 -0.41 0.00 | 24.84 -0.57 0.00 | 21.83 -0.57 0.00 | 23.39 -0.52 0.00 | 19.00 -0.50 0.00 | 17.98 -0.53 0.00 | 19.18 -0.58 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 18.60 -0.54 0.00 | 18.04 -0.40 0.00 | 18.02 -0.47 0.00 | 17.57 -0.44 0.00 | 18.43 -0.51 0.00 | 18.78 -0.57 0.00 | 19.63 -0.58 0.00 | 28.30 -0.91 0.00 | 22.16 -0.68 0.00 | 19.80 -0.52 0.00 | 20.48 -0.45 0.00 | 24.65 -0.30 0.00 | 21.30 -0.24 0.00 | 20.09 -0.24 0.00 | 19.32 -0.15 0.00 | 20.42 -0.16 0.00 | 20.21 -0.21 0.00 | 25.64 -0.41 0.00 | 24.84 -0.57 0.00 | 21.83 -0.57 0.00 | 23.39 -0.52 0.00 | 19.00 -0.50 0.00 | 17.98 -0.53 0.00 | 19.18 -0.58 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 18.86 -0.29 0.00 | 18.14 -0.29 0.00 | 18.15 -0.33 0.00 | 17.84 -0.17 0.00 | 18.90 -0.05 0.00 | 19.18 -0.17 0.00 | 19.89 -0.32 0.00 | 28.48 -0.72 0.00 | 22.49 -0.35 0.00 | 20.07 -0.25 0.00 | 20.70 -0.22 0.00 | 25.12 0.17 0.00 | 21.78 0.24 0.00 | 20.36 0.03 0.00 | 19.80 0.33 0.00 | 20.95 0.36 0.00 | 20.57 0.14 0.00 | 25.83 -0.23 0.00 | 24.92 -0.49 0.00 | 21.88 -0.51 0.00 | 23.55 -0.36 0.00 | 19.01 -0.49 0.00 | 15.03 -0.65 2.83 | 3.30 -0.34 16.11 |
| MARSHVLE_115KV_TB1 80742 | 19.87 0.72 0.00 | 19.14 0.70 0.00 | 19.20 0.71 0.00 | 18.69 0.67 0.00 | 19.65 0.70 0.00 | 20.21 0.85 0.00 | 21.10 0.89 0.00 | 30.57 1.36 0.00 | 23.89 1.05 0.00 | 21.17 0.86 0.00 | 21.68 0.76 0.00 | 26.15 1.20 0.00 | 22.63 1.09 0.00 | 21.38 1.04 0.00 | 20.29 0.82 0.00 | 21.49 0.91 0.00 | 21.41 0.99 0.00 | 27.42 1.36 0.00 | 26.73 1.33 0.00 | 23.54 1.15 0.00 | 25.04 1.13 0.00 | 20.46 0.97 0.00 | 19.34 0.83 0.00 | 20.63 0.87 0.00 |
| MARSH_HILL_WT_PWR 323713 | 4.46 -1.72 12.97 | 6.55 -1.14 10.75 | 5.60 -1.13 11.75 | 13.98 -1.23 2.80 | 16.98 -1.02 0.95 | 16.12 -1.31 1.92 | 19.02 -1.18 0.01 | 21.92 -1.65 5.63 | 19.91 -1.12 1.80 | 19.27 -1.04 0.01 | 19.71 -1.21 0.00 | 23.65 -1.30 0.00 | 20.43 -1.11 0.00 | 19.31 -1.03 0.00 | 18.38 -1.09 0.00 | 19.69 -0.89 0.00 | 19.63 -0.79 0.00 | 25.31 -0.74 0.00 | 24.65 -0.75 0.00 | 21.44 -0.95 0.00 | 22.25 -1.67 0.00 | 17.94 -1.57 0.00 | 16.80 -1.28 0.43 | 18.69 -1.07 0.00 |
| MCINTYRE_115KV_TB2 80467 | 19.29 0.14 0.00 | 18.70 0.26 0.00 | 18.74 0.25 0.00 | 18.28 0.27 0.00 | 19.22 0.28 0.00 | 19.46 0.11 0.00 | 20.21 0.00 0.00 | 29.21 0.01 0.00 | 23.02 0.18 0.00 | 20.38 0.07 0.00 | 21.11 0.18 0.00 | 25.44 0.49 0.00 | 21.99 0.45 0.00 | 20.64 0.30 0.00 | 19.87 0.40 0.00 | 20.95 0.36 0.00 | 20.77 0.35 0.00 | 26.23 0.18 0.00 | 25.51 0.10 0.00 | 22.59 0.20 0.00 | 24.28 0.37 0.00 | 19.77 0.27 0.00 | 19.04 0.19 -0.35 | 22.03 0.31 -1.96 |
| MECO___69_KV_BK1 80468 | 20.77 1.62 0.00 | 19.98 1.54 0.00 | 20.02 1.54 0.00 | 19.49 1.47 0.00 | 20.52 1.58 0.00 | 21.18 1.83 0.00 | 22.27 2.06 0.00 | 32.33 3.12 0.00 | 25.19 2.35 0.00 | 21.85 1.53 0.00 | 21.77 0.85 0.00 | 26.64 1.69 0.00 | 23.14 1.60 0.00 | 21.79 1.45 0.00 | 20.58 1.11 0.00 | 21.88 1.30 0.00 | 22.08 1.66 0.00 | 28.88 2.83 0.00 | 28.21 2.81 0.00 | 24.78 2.39 0.00 | 26.32 2.41 0.00 | 21.44 1.94 0.00 | 20.23 1.72 0.00 | 21.52 1.76 0.00 |
| MENANDS___115KV_TB5 355628 | 19.82 0.68 0.00 | 19.08 0.65 0.00 | 19.13 0.65 0.00 | 18.67 0.66 0.00 | 19.62 0.68 0.00 | 20.07 0.72 0.00 | 21.11 0.90 0.00 | 30.39 1.18 0.00 | 23.78 0.94 0.00 | 21.10 0.78 0.00 | 21.52 0.59 0.00 | 25.55 0.60 0.00 | 21.98 0.43 0.00 | 20.71 0.37 0.00 | 19.85 0.38 0.00 | 21.01 0.43 0.00 | 20.99 0.57 0.00 | 27.00 0.94 0.00 | 26.29 0.89 0.00 | 23.06 0.67 0.00 | 24.58 0.67 0.00 | 20.08 0.58 0.00 | 19.14 0.63 0.00 | 20.44 0.69 0.00 |
| MG INDUSTRY___DRP 24185 | 19.84 0.69 0.00 | 19.10 0.66 0.00 | 19.15 0.66 0.00 | 18.69 0.68 0.00 | 19.64 0.70 0.00 | 20.09 0.74 0.00 | 21.10 0.89 0.00 | 30.41 1.20 0.00 | 23.77 0.93 0.00 | 21.02 0.70 0.00 | 21.43 0.51 0.00 | 25.53 0.58 0.00 | 21.91 0.37 0.00 | 20.66 0.32 0.00 | 19.80 0.33 0.00 | 21.00 0.42 0.00 | 21.04 0.61 0.00 | 27.01 0.96 0.00 | 26.31 0.91 0.00 | 23.09 0.70 0.00 | 24.61 0.70 0.00 | 20.09 0.59 0.00 | 19.14 0.63 0.00 | 20.46 0.70 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.71 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.65 -0.30 | 20.81 -0.65 -1.70 |
| MID___RAQUETTE_HYD 23851 | 18.64 -0.51 0.00 | 18.09 -0.34 0.00 | 18.12 -0.37 0.00 | 17.69 -0.32 0.00 | 18.62 -0.33 0.00 | 18.84 -0.52 0.00 | 19.55 -0.66 0.00 | 28.32 -0.89 0.00 | 22.44 -0.40 0.00 | 20.02 -0.30 0.00 | 20.71 -0.21 0.00 | 24.87 -0.08 0.00 | 21.33 -0.21 0.00 | 19.99 -0.35 0.00 | 19.27 -0.20 0.00 | 20.34 -0.24 0.00 | 20.08 -0.34 0.00 | 25.35 -0.70 0.00 | 24.60 -0.80 0.00 | 21.80 -0.60 0.00 | 23.40 -0.51 0.00 | 19.04 -0.46 0.00 | 18.52 -0.43 -0.44 | 21.97 -0.29 -2.51 |

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| MILLIKEN___1 23584 | 31.32 -0.13 -12.31 | 28.51 -0.13 -10.20 | 29.42 -0.13 -11.07 | 20.53 -0.13 -2.66 | 18.66 -0.10 0.19 | 18.99 0.01 0.38 | 20.34 0.12 0.00 | 28.40 0.31 1.11 | 22.63 0.15 0.36 | 20.39 0.08 0.00 | 20.87 -0.05 0.00 | 24.75 -0.20 0.00 | 21.34 -0.20 0.00 | 20.23 -0.11 0.00 | 19.34 -0.13 0.00 | 20.50 -0.09 0.00 | 20.51 0.09 0.00 | 26.33 0.28 0.00 | 25.73 0.33 0.00 | 22.55 0.15 0.00 | 23.88 -0.03 0.00 | 19.41 -0.09 0.00 | 18.83 -0.08 -0.40 | 19.67 -0.09 0.00 |
| MILLIKEN___2 23585 | 31.32 -0.13 -12.31 | 28.51 -0.13 -10.20 | 29.42 -0.13 -11.07 | 20.53 -0.13 -2.66 | 18.66 -0.10 0.19 | 18.99 0.01 0.38 | 20.34 0.12 0.00 | 28.40 0.31 1.11 | 22.63 0.15 0.36 | 20.39 0.08 0.00 | 20.87 -0.05 0.00 | 24.75 -0.20 0.00 | 21.34 -0.20 0.00 | 20.23 -0.11 0.00 | 19.34 -0.13 0.00 | 20.50 -0.09 0.00 | 20.51 0.09 0.00 | 26.33 0.28 0.00 | 25.73 0.33 0.00 | 22.55 0.15 0.00 | 23.88 -0.03 0.00 | 19.41 -0.09 0.00 | 18.83 -0.08 -0.40 | 19.67 -0.09 0.00 |
| MILLIKEN___DIESEL 23629 | 31.32 -0.13 -12.31 | 28.51 -0.13 -10.20 | 29.42 -0.13 -11.07 | 20.53 -0.13 -2.66 | 18.66 -0.10 0.19 | 18.99 0.01 0.38 | 20.34 0.12 0.00 | 28.40 0.31 1.11 | 22.63 0.15 0.36 | 20.39 0.08 0.00 | 20.87 -0.05 0.00 | 24.75 -0.20 0.00 | 21.34 -0.20 0.00 | 20.23 -0.11 0.00 | 19.34 -0.13 0.00 | 20.50 -0.09 0.00 | 20.51 0.09 0.00 | 26.33 0.28 0.00 | 25.73 0.33 0.00 | 22.55 0.15 0.00 | 23.88 -0.03 0.00 | 19.41 -0.09 0.00 | 18.83 -0.08 -0.40 | 19.67 -0.09 0.00 |
| MILLSEAT___LFGE 323607 | 14.38 -1.35 3.42 | 14.16 -1.44 2.83 | 13.96 -1.42 3.11 | 15.80 -1.48 0.74 | 15.32 -1.53 2.09 | 13.86 -1.25 4.24 | 18.85 -1.34 0.02 | 14.67 -2.13 12.40 | 17.01 -1.85 3.98 | 18.76 -1.55 0.01 | 19.30 -1.62 0.00 | 23.08 -1.87 0.00 | 20.09 -1.45 0.00 | 18.91 -1.43 0.00 | 17.85 -1.62 0.00 | 18.91 -1.67 0.00 | 18.96 -1.47 0.00 | 24.35 -1.70 0.00 | 23.82 -1.58 0.00 | 20.82 -1.58 0.00 | 21.87 -2.04 0.00 | 17.80 -1.70 0.00 | 16.80 -1.61 0.10 | 18.14 -1.62 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 20.14 1.00 0.00 | 19.34 0.90 0.00 | 19.41 0.92 0.00 | 18.85 0.84 0.00 | 19.86 0.92 0.00 | 20.43 1.08 0.00 | 21.63 1.42 0.00 | 31.46 2.26 0.00 | 24.58 1.74 0.00 | 21.85 1.54 0.00 | 22.24 1.31 0.00 | 26.19 1.23 0.00 | 22.56 1.02 0.00 | 21.35 1.01 0.00 | 20.43 0.95 0.00 | 21.62 1.03 0.00 | 21.57 1.14 0.00 | 27.79 1.74 0.00 | 27.13 1.73 0.00 | 23.75 1.35 0.00 | 25.22 1.31 0.00 | 20.53 1.03 0.00 | 19.47 0.96 0.00 | 20.67 0.92 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 20.19 1.05 0.00 | 19.38 0.95 0.00 | 19.45 0.97 0.00 | 18.90 0.89 0.00 | 19.91 0.96 0.00 | 20.48 1.13 0.00 | 21.69 1.48 0.00 | 31.55 2.34 0.00 | 24.64 1.81 0.00 | 21.91 1.59 0.00 | 22.29 1.37 0.00 | 26.25 1.30 0.00 | 22.62 1.08 0.00 | 21.40 1.06 0.00 | 20.48 1.01 0.00 | 21.67 1.09 0.00 | 21.63 1.20 0.00 | 27.87 1.82 0.00 | 27.21 1.81 0.00 | 23.81 1.42 0.00 | 25.29 1.38 0.00 | 20.59 1.09 0.00 | 19.52 1.01 0.00 | 20.72 0.96 0.00 |
| MODEL_CITY_ENERGY 24167 | 13.56 -1.90 3.68 | 13.41 -1.98 3.05 | 13.19 -1.95 3.35 | 15.21 -2.01 0.79 | 13.95 -2.10 2.89 | 11.62 -1.87 5.86 | 18.15 -2.03 0.03 | 8.86 -3.20 17.14 | 14.69 -2.66 5.50 | 18.08 -2.22 0.02 | 18.58 -2.34 0.00 | 22.31 -2.64 0.00 | 19.41 -2.13 0.00 | 18.29 -2.05 0.00 | 17.25 -2.23 0.00 | 18.22 -2.36 0.00 | 18.31 -2.11 0.00 | 23.44 -2.61 0.00 | 22.94 -2.46 0.00 | 20.06 -2.34 0.00 | 21.07 -2.84 0.00 | 17.18 -2.32 0.00 | 16.23 -2.18 0.10 | 17.55 -2.20 0.00 |
| MODERN_LFGE___ 323580 | 13.56 -1.90 3.68 | 13.41 -1.98 3.05 | 13.19 -1.95 3.35 | 15.21 -2.01 0.79 | 13.95 -2.10 2.89 | 11.62 -1.87 5.86 | 18.15 -2.03 0.03 | 8.86 -3.20 17.14 | 14.69 -2.66 5.50 | 18.08 -2.22 0.02 | 18.58 -2.34 0.00 | 22.31 -2.64 0.00 | 19.41 -2.13 0.00 | 18.29 -2.05 0.00 | 17.25 -2.23 0.00 | 18.22 -2.36 0.00 | 18.31 -2.11 0.00 | 23.44 -2.61 0.00 | 22.94 -2.46 0.00 | 20.06 -2.34 0.00 | 21.07 -2.84 0.00 | 17.18 -2.32 0.00 | 16.23 -2.18 0.10 | 17.55 -2.20 0.00 |
| MOHAWK_PAPER___DRP 24187 | 19.88 0.73 0.00 | 19.13 0.69 0.00 | 19.18 0.70 0.00 | 18.72 0.71 0.00 | 19.68 0.73 0.00 | 20.14 0.79 0.00 | 21.19 0.98 0.00 | 30.55 1.35 0.00 | 23.90 1.06 0.00 | 21.20 0.88 0.00 | 21.60 0.68 0.00 | 25.68 0.73 0.00 | 22.07 0.53 0.00 | 20.81 0.47 0.00 | 19.94 0.47 0.00 | 21.11 0.53 0.00 | 21.10 0.68 0.00 | 27.14 1.09 0.00 | 26.44 1.04 0.00 | 23.18 0.79 0.00 | 24.70 0.80 0.00 | 20.18 0.67 0.00 | 19.21 0.70 0.00 | 20.50 0.74 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 20.10 0.95 0.00 | 19.30 0.87 0.00 | 19.37 0.88 0.00 | 18.90 0.88 0.00 | 19.92 0.97 0.00 | 20.44 1.08 0.00 | 21.68 1.47 0.00 | 31.48 2.27 0.00 | 24.57 1.73 0.00 | 21.65 1.33 0.00 | 21.97 1.05 0.00 | 26.14 1.19 0.00 | 22.41 0.87 0.00 | 21.15 0.81 0.00 | 20.36 0.89 0.00 | 21.59 1.01 0.00 | 21.68 1.26 0.00 | 27.98 1.93 0.00 | 27.25 1.85 0.00 | 23.88 1.49 0.00 | 25.34 1.43 0.00 | 20.59 1.09 0.00 | 19.48 0.97 0.00 | 20.67 0.91 0.00 |
| MONGAUP___HYD 23641 | 20.03 0.88 0.00 | 19.23 0.80 0.00 | 19.23 0.75 0.00 | 18.70 0.69 0.00 | 19.70 0.76 0.00 | 20.29 0.94 0.00 | 21.28 1.06 0.00 | 30.92 1.72 0.00 | 24.15 1.31 0.00 | 21.50 1.18 0.00 | 21.71 0.79 0.00 | 25.61 0.66 0.00 | 22.18 0.64 0.00 | 21.02 0.69 0.00 | 20.04 0.56 0.00 | 21.32 0.74 0.00 | 21.13 0.71 0.00 | 27.35 1.30 0.00 | 26.76 1.36 0.00 | 23.62 1.23 0.00 | 25.09 1.18 0.00 | 20.44 0.94 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| MONTAUK___DIESEL 23721 | 21.49 2.35 0.00 | 20.59 2.15 0.00 | 20.65 2.16 0.00 | 20.05 2.03 0.00 | 21.08 2.13 0.00 | 21.69 2.34 0.00 | 35.11 2.72 -12.18 | 71.11 4.03 -37.87 | 58.55 3.09 -32.62 | 23.80 2.63 -0.85 | 70.82 2.38 -47.51 | 27.14 2.19 0.00 | 23.24 1.70 0.00 | 36.85 1.77 -14.75 | 33.59 1.60 -12.52 | 33.52 1.71 -11.22 | 70.71 1.97 -48.32 | 55.22 2.71 -26.46 | 34.38 2.79 -6.19 | 24.82 2.43 0.00 | 26.54 2.63 0.00 | 22.14 2.29 -0.35 | 20.70 2.02 -0.18 | 21.74 1.93 -0.06 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 12.24 -1.79 5.12 | 12.19 -2.01 4.24 | 12.11 -1.71 4.66 | 15.19 -1.72 1.11 | 14.16 -1.95 2.84 | 12.07 -1.52 5.76 | 18.95 -1.23 0.03 | 10.20 -2.16 16.85 | 15.61 -1.82 5.40 | 18.85 -1.45 0.02 | 19.28 -1.65 0.00 | 23.25 -1.70 0.00 | 20.19 -1.35 0.00 | 19.23 -1.11 0.00 | 18.00 -1.47 0.00 | 18.93 -1.65 0.00 | 19.22 -1.21 0.00 | 24.27 -1.79 0.00 | 23.75 -1.65 0.00 | 20.48 -1.92 0.00 | 21.34 -2.57 0.00 | 17.24 -2.26 0.00 | 16.26 -2.10 0.14 | 17.96 -1.80 0.00 |
| MORTIMER_115KV_TB3 55949 | 15.37 -1.08 2.69 | 15.07 -1.14 2.23 | 14.91 -1.13 2.45 | 16.29 -1.15 0.58 | 17.88 -1.16 -0.09 | 18.56 -0.98 -0.19 | 19.12 -1.10 0.00 | 28.10 -1.68 -0.57 | 21.54 -1.48 -0.18 | 19.04 -1.28 0.00 | 19.60 -1.32 0.00 | 23.42 -1.53 0.00 | 20.31 -1.24 0.00 | 19.16 -1.18 0.00 | 18.18 -1.29 0.00 | 19.17 -1.41 0.00 | 19.24 -1.18 0.00 | 24.76 -1.30 0.00 | 24.19 -1.22 0.00 | 21.19 -1.20 0.00 | 22.35 -1.56 0.00 | 18.21 -1.29 0.00 | 17.21 -1.22 0.08 | 18.51 -1.25 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 20.23 1.08 0.00 | 19.41 0.98 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.91 0.96 0.00 | 20.49 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.48 0.00 | 24.77 1.93 0.00 | 22.05 1.74 0.00 | 22.42 1.50 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.19 0.00 | 20.62 1.14 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.91 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.59 1.08 0.00 | 20.75 0.99 0.00 |

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| MUNSVILLE_WIND_PWR 323609 | 26.18 0.34 -6.70 | 24.58 0.59 -5.55 | 24.81 0.41 -5.92 | 19.85 0.39 -1.45 | 19.29 0.61 0.26 | 19.46 0.63 0.53 | 21.14 0.93 0.00 | 29.25 1.60 1.55 | 23.61 1.28 0.50 | 21.44 1.13 0.00 | 21.99 1.07 0.00 | 26.20 1.25 0.00 | 22.60 1.06 0.00 | 21.40 1.06 0.00 | 20.42 0.95 0.00 | 21.82 1.24 0.00 | 21.86 1.44 0.00 | 27.86 1.80 0.00 | 27.09 1.69 0.00 | 23.53 1.14 0.00 | 24.96 1.05 0.00 | 20.16 0.66 0.00 | 19.36 0.63 -0.22 | 20.43 0.67 0.00 |
| N SALMON___HYD 24042 | 19.05 -0.10 0.00 | 18.35 -0.08 0.00 | 18.36 -0.12 0.00 | 18.03 0.02 0.00 | 19.07 0.13 0.00 | 19.37 0.02 0.00 | 20.08 -0.13 0.00 | 28.88 -0.33 0.00 | 22.83 -0.01 0.00 | 20.38 0.06 0.00 | 21.03 0.11 0.00 | 25.49 0.54 0.00 | 22.04 0.50 0.00 | 20.60 0.26 0.00 | 19.97 0.50 0.00 | 21.10 0.52 0.00 | 20.74 0.32 0.00 | 26.10 0.04 0.00 | 25.23 -0.17 0.00 | 22.24 -0.15 0.00 | 23.91 0.00 0.00 | 19.33 -0.17 0.00 | 20.15 -0.32 -1.96 | 30.83 -0.07 -11.15 |
| N.AKRON__115KV_KNAPP 355671 | 14.36 -1.34 3.45 | 14.13 -1.45 2.86 | 13.92 -1.42 3.14 | 15.78 -1.49 0.75 | 15.22 -1.53 2.19 | 13.66 -1.24 4.45 | 18.85 -1.33 0.03 | 14.16 -2.04 13.01 | 16.84 -1.82 4.17 | 18.76 -1.55 0.01 | 19.30 -1.62 0.00 | 23.08 -1.87 0.00 | 20.08 -1.46 0.00 | 18.91 -1.43 0.00 | 17.84 -1.63 0.00 | 18.94 -1.64 0.00 | 18.96 -1.46 0.00 | 24.34 -1.72 0.00 | 23.80 -1.60 0.00 | 20.79 -1.60 0.00 | 21.84 -2.07 0.00 | 17.79 -1.72 0.00 | 16.80 -1.61 0.10 | 18.12 -1.64 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 20.56 1.41 0.00 | 19.73 1.29 0.00 | 19.77 1.29 0.00 | 19.19 1.18 0.00 | 20.19 1.24 0.00 | 20.78 1.43 0.00 | 34.17 1.78 -12.18 | 69.76 2.68 -37.87 | 57.58 2.12 -32.62 | 23.03 1.87 -0.85 | 70.05 1.61 -47.51 | 26.48 1.52 0.00 | 22.79 1.25 0.00 | 36.37 1.29 -14.75 | 33.28 1.28 -12.52 | 33.19 1.39 -11.22 | 70.22 1.48 -48.32 | 54.66 2.15 -26.46 | 33.78 2.19 -6.19 | 24.18 1.79 0.00 | 25.74 1.83 0.00 | 21.33 1.49 -0.35 | 20.07 1.38 -0.18 | 21.16 1.35 -0.06 |
| N.E_GEN_SANDY PD 24062 | 20.03 0.88 0.00 | 19.26 0.82 0.00 | 19.32 0.83 0.00 | 18.82 0.81 0.00 | 19.82 0.88 0.00 | 20.28 0.95 0.03 | 21.69 1.22 -0.26 | 31.77 1.86 -0.70 | 26.19 1.43 -1.93 | 26.43 1.23 -4.89 | 28.15 1.06 -6.18 | 28.70 1.07 -2.68 | 22.39 0.84 0.00 | 21.11 0.77 0.00 | 20.23 0.76 0.00 | 21.40 0.82 0.00 | 21.35 0.92 0.00 | 28.14 1.46 -0.63 | 26.86 1.41 -0.04 | 23.49 1.10 0.00 | 25.02 1.11 0.00 | 20.40 0.90 0.00 | 19.38 0.84 -0.03 | 20.17 0.82 0.40 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.11 0.96 0.00 | 19.31 0.87 0.00 | 19.37 0.89 0.00 | 18.82 0.80 0.00 | 19.83 0.89 0.00 | 20.41 1.06 0.00 | 21.61 1.40 0.00 | 31.44 2.24 0.00 | 24.55 1.71 0.00 | 21.81 1.49 0.00 | 22.19 1.27 0.00 | 26.14 1.19 0.00 | 22.52 0.98 0.00 | 21.30 0.96 0.00 | 20.37 0.90 0.00 | 21.56 0.98 0.00 | 21.53 1.11 0.00 | 27.75 1.69 0.00 | 27.09 1.69 0.00 | 23.71 1.31 0.00 | 25.17 1.26 0.00 | 20.49 0.99 0.00 | 19.43 0.92 0.00 | 20.64 0.89 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.49 1.00 0.00 | 18.91 0.90 0.00 | 19.92 0.97 0.00 | 20.52 1.17 0.00 | 21.84 1.62 0.00 | 31.82 2.62 0.00 | 24.89 2.05 0.00 | 22.10 1.79 0.00 | 22.49 1.57 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.58 1.24 0.00 | 20.67 1.19 0.00 | 21.83 1.25 0.00 | 21.79 1.37 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.95 1.56 0.00 | 25.44 1.53 0.00 | 20.72 1.22 0.00 | 19.65 1.14 0.00 | 20.75 1.00 0.00 |
| N.TROY___115KV_TB1 355778 | 19.93 0.79 0.00 | 19.17 0.73 0.00 | 19.22 0.74 0.00 | 18.75 0.74 0.00 | 19.74 0.79 0.00 | 20.19 0.84 0.00 | 21.30 1.08 0.00 | 30.80 1.59 0.00 | 24.06 1.22 0.00 | 21.32 1.01 0.00 | 21.75 0.83 0.00 | 25.85 0.90 0.00 | 22.21 0.67 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.26 0.68 0.00 | 21.20 0.78 0.00 | 27.30 1.25 0.00 | 26.60 1.20 0.00 | 23.33 0.93 0.00 | 24.87 0.96 0.00 | 20.28 0.78 0.00 | 19.25 0.74 0.00 | 20.50 0.74 0.00 |
| NARROWS_GT1_1 24228 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_2 24229 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_3 24230 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_4 24231 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_5 24232 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_6 24233 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT1_7 24234 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |

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| NARROWS_GT1_8 24235 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_1 24236 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_2 24237 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_3 24238 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_4 24239 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_5 24240 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_6 24241 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_7 24242 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NARROWS_GT2_8 24243 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 20.28 1.13 0.00 | 19.50 1.07 0.00 | 19.55 1.07 0.00 | 19.09 1.08 0.00 | 20.06 1.11 0.00 | 20.55 1.20 0.00 | 21.62 1.41 0.00 | 31.11 1.91 0.00 | 24.33 1.49 0.00 | 21.45 1.13 0.00 | 21.65 0.72 0.00 | 25.94 0.99 0.00 | 22.13 0.59 0.00 | 20.82 0.48 0.00 | 19.97 0.49 0.00 | 21.25 0.67 0.00 | 21.44 1.01 0.00 | 27.65 1.60 0.00 | 26.95 1.55 0.00 | 23.62 1.22 0.00 | 25.13 1.22 0.00 | 20.51 1.01 0.00 | 19.56 1.05 0.00 | 20.92 1.16 0.00 |
| NCHELSEA_115KV_TR2 355582 | 20.23 1.09 0.00 | 19.43 1.00 0.00 | 19.49 1.01 0.00 | 18.95 0.94 0.00 | 19.97 1.03 0.00 | 20.54 1.19 0.00 | 21.72 1.51 0.00 | 31.57 2.36 0.00 | 24.66 1.82 0.00 | 21.90 1.58 0.00 | 22.26 1.33 0.00 | 26.26 1.30 0.00 | 22.64 1.10 0.00 | 21.42 1.08 0.00 | 20.50 1.03 0.00 | 21.72 1.14 0.00 | 21.71 1.29 0.00 | 27.97 1.92 0.00 | 27.31 1.91 0.00 | 23.91 1.51 0.00 | 25.39 1.48 0.00 | 20.66 1.17 0.00 | 19.59 1.08 0.00 | 20.79 1.03 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 20.08 0.93 0.00 | 19.29 0.85 0.00 | 19.34 0.85 0.00 | 18.87 0.85 0.00 | 19.87 0.93 0.00 | 20.36 1.01 0.00 | 21.51 1.29 0.00 | 31.16 1.96 0.00 | 24.33 1.49 0.00 | 21.49 1.17 0.00 | 21.89 0.97 0.00 | 26.07 1.12 0.00 | 22.36 0.82 0.00 | 21.11 0.78 0.00 | 20.26 0.79 0.00 | 21.48 0.90 0.00 | 21.47 1.05 0.00 | 27.67 1.62 0.00 | 26.95 1.55 0.00 | 23.64 1.24 0.00 | 25.15 1.24 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.64 0.89 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 15.83 -1.27 2.05 | 15.43 -1.31 1.70 | 15.33 -1.29 1.86 | 16.27 -1.30 0.44 | 17.83 -1.33 -0.21 | 18.61 -1.18 -0.43 | 18.96 -1.26 0.00 | 28.59 -1.89 -1.28 | 21.65 -1.60 -0.41 | 18.92 -1.40 0.00 | 19.44 -1.48 0.00 | 23.21 -1.74 0.00 | 20.12 -1.42 0.00 | 19.00 -1.34 0.00 | 18.06 -1.42 0.00 | 19.05 -1.53 0.00 | 19.12 -1.31 0.00 | 24.56 -1.49 0.00 | 23.99 -1.41 0.00 | 21.03 -1.37 0.00 | 22.22 -1.69 0.00 | 18.10 -1.40 0.00 | 17.12 -1.33 0.06 | 18.37 -1.39 0.00 |
| NEG CENTRAL___DRP 24199 | 15.13 -0.62 3.40 | 15.02 -0.60 2.82 | 14.81 -0.60 3.08 | 16.68 -0.60 0.73 | 18.37 -0.58 0.00 | 18.89 -0.46 0.00 | 19.81 -0.41 0.00 | 28.69 -0.51 0.00 | 22.38 -0.46 0.00 | 19.83 -0.49 0.00 | 20.32 -0.61 0.00 | 24.17 -0.78 0.00 | 20.89 -0.65 0.00 | 19.78 -0.56 0.00 | 18.85 -0.62 0.00 | 19.95 -0.64 0.00 | 19.98 -0.44 0.00 | 25.66 -0.39 0.00 | 25.08 -0.32 0.00 | 22.00 -0.39 0.00 | 23.25 -0.66 0.00 | 18.91 -0.59 0.00 | 17.85 -0.55 0.11 | 19.19 -0.57 0.00 |
| NEG CENTRAL___INDECK 23768 | 9.30 -1.34 8.50 | 10.17 -1.23 7.04 | 9.55 -1.22 7.71 | 14.94 -1.24 1.83 | 17.38 -1.18 0.38 | 17.49 -1.08 0.78 | 19.23 -0.98 0.00 | 25.52 -1.42 2.26 | 20.88 -1.23 0.73 | 19.11 -1.20 0.00 | 19.74 -1.18 0.00 | 23.56 -1.39 0.00 | 20.09 -1.46 0.00 | 18.91 -1.43 0.00 | 17.97 -1.50 0.00 | 19.16 -1.42 0.00 | 19.27 -1.15 0.00 | 25.09 -0.96 0.00 | 24.58 -0.82 0.00 | 21.47 -0.92 0.00 | 22.43 -1.48 0.00 | 18.17 -1.34 0.00 | 16.96 -1.27 0.28 | 18.50 -1.26 0.00 |

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| NEG CENTRAL___SENECA 23627 | 12.33 -0.67 6.15 | 12.69 -0.65 5.09 | 12.27 -0.65 5.57 | 16.03 -0.65 1.33 | 18.33 -0.61 0.00 | 18.87 -0.48 0.00 | 19.83 -0.39 0.00 | 28.69 -0.51 0.00 | 22.41 -0.43 0.00 | 19.81 -0.51 0.00 | 20.25 -0.67 0.00 | 24.13 -0.82 0.00 | 20.88 -0.66 0.00 | 19.77 -0.57 0.00 | 18.79 -0.68 0.00 | 19.91 -0.67 0.00 | 19.98 -0.44 0.00 | 25.70 -0.35 0.00 | 25.13 -0.27 0.00 | 22.04 -0.35 0.00 | 23.22 -0.69 0.00 | 18.86 -0.64 0.00 | 17.71 -0.60 0.20 | 19.12 -0.64 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 19.89 -0.40 -1.15 | 18.97 -0.42 -0.95 | 19.14 -0.36 -1.02 | 17.90 -0.36 -0.25 | 18.58 -0.36 0.00 | 19.10 -0.25 0.00 | 19.98 -0.23 0.00 | 29.03 -0.17 0.00 | 22.54 -0.30 0.00 | 20.04 -0.28 0.00 | 20.58 -0.34 0.00 | 24.48 -0.47 0.00 | 21.07 -0.47 0.00 | 19.95 -0.39 0.00 | 19.11 -0.36 0.00 | 20.17 -0.41 0.00 | 20.20 -0.22 0.00 | 25.91 -0.15 0.00 | 25.31 -0.09 0.00 | 22.21 -0.18 0.00 | 23.54 -0.37 0.00 | 19.15 -0.35 0.00 | 18.23 -0.32 -0.04 | 19.45 -0.31 0.00 |
| NEG MILLWOOD___DRP 24198 | 20.30 1.15 0.00 | 19.50 1.06 0.00 | 19.56 1.07 0.00 | 19.02 1.00 0.00 | 20.03 1.09 0.00 | 20.60 1.25 0.00 | 21.81 1.60 0.00 | 31.70 2.50 0.00 | 24.76 1.92 0.00 | 22.00 1.68 0.00 | 22.37 1.45 0.00 | 26.37 1.42 0.00 | 22.73 1.19 0.00 | 21.49 1.15 0.00 | 20.61 1.13 0.00 | 21.83 1.25 0.00 | 21.80 1.38 0.00 | 28.11 2.05 0.00 | 27.44 2.04 0.00 | 24.02 1.63 0.00 | 25.50 1.59 0.00 | 20.76 1.26 0.00 | 19.67 1.16 0.00 | 20.87 1.11 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 19.09 -0.05 0.00 | 18.34 -0.09 0.00 | 18.35 -0.14 0.00 | 18.02 0.01 0.00 | 19.08 0.14 0.00 | 19.30 -0.06 0.00 | 20.07 -0.15 0.00 | 28.73 -0.47 0.00 | 22.69 -0.14 0.00 | 20.23 -0.09 0.00 | 20.84 -0.08 0.00 | 25.29 0.33 0.00 | 21.92 0.38 0.00 | 20.50 0.16 0.00 | 19.95 0.47 0.00 | 21.13 0.55 0.00 | 20.78 0.36 0.00 | 26.09 0.04 0.00 | 25.18 -0.22 0.00 | 22.06 -0.33 0.00 | 23.69 -0.21 0.00 | 19.16 -0.34 0.00 | 15.14 -0.52 2.86 | 3.35 -0.14 16.26 |
| NEG NORTH_KES_CHATEGAY 23792 | 18.92 -0.22 0.00 | 18.20 -0.24 0.00 | 18.22 -0.26 0.00 | 17.92 -0.09 0.00 | 18.97 0.03 0.00 | 19.26 -0.09 0.00 | 19.93 -0.28 0.00 | 28.54 -0.66 0.00 | 22.56 -0.28 0.00 | 20.12 -0.20 0.00 | 20.77 -0.15 0.00 | 25.22 0.27 0.00 | 21.85 0.31 0.00 | 20.45 0.11 0.00 | 19.88 0.41 0.00 | 21.01 0.43 0.00 | 20.62 0.20 0.00 | 25.89 -0.16 0.00 | 25.00 -0.40 0.00 | 21.99 -0.40 0.00 | 23.69 -0.22 0.00 | 19.12 -0.38 0.00 | 14.92 -0.54 3.05 | 2.18 -0.24 17.33 |
| NEG NORTH___ALICE_FALLS 23915 | 19.12 -0.03 0.00 | 18.37 -0.07 0.00 | 18.37 -0.11 0.00 | 18.05 0.04 0.00 | 19.12 0.18 0.00 | 19.37 0.01 0.00 | 20.16 -0.05 0.00 | 28.90 -0.31 0.00 | 22.82 -0.02 0.00 | 20.34 0.02 0.00 | 20.96 0.03 0.00 | 25.39 0.44 0.00 | 22.02 0.48 0.00 | 20.59 0.24 0.00 | 20.04 0.56 0.00 | 21.21 0.63 0.00 | 20.87 0.45 0.00 | 26.22 0.17 0.00 | 25.30 -0.10 0.00 | 22.19 -0.20 0.00 | 23.84 -0.07 0.00 | 19.26 -0.24 0.00 | 15.19 -0.44 2.89 | 3.22 -0.10 16.43 |
| NEG NORTH___LWR_SARANAC 23913 | 19.12 -0.03 0.00 | 18.37 -0.07 0.00 | 18.37 -0.11 0.00 | 18.05 0.04 0.00 | 19.12 0.18 0.00 | 19.37 0.01 0.00 | 20.16 -0.05 0.00 | 28.90 -0.31 0.00 | 22.82 -0.02 0.00 | 20.34 0.02 0.00 | 20.96 0.03 0.00 | 25.39 0.44 0.00 | 22.02 0.48 0.00 | 20.59 0.24 0.00 | 20.04 0.56 0.00 | 21.21 0.63 0.00 | 20.87 0.45 0.00 | 26.22 0.17 0.00 | 25.30 -0.10 0.00 | 22.19 -0.20 0.00 | 23.84 -0.07 0.00 | 19.26 -0.24 0.00 | 15.19 -0.44 2.89 | 3.22 -0.10 16.43 |
| NEG NORTH___PLATTSBURG 23628 | 19.12 -0.03 0.00 | 18.37 -0.07 0.00 | 18.37 -0.11 0.00 | 18.05 0.04 0.00 | 19.12 0.18 0.00 | 19.37 0.01 0.00 | 20.16 -0.05 0.00 | 28.90 -0.30 0.00 | 22.82 -0.02 0.00 | 20.34 0.02 0.00 | 20.96 0.03 0.00 | 25.39 0.44 0.00 | 22.02 0.48 0.00 | 20.59 0.24 0.00 | 20.04 0.56 0.00 | 21.21 0.63 0.00 | 20.87 0.45 0.00 | 26.22 0.17 0.00 | 25.31 -0.10 0.00 | 22.19 -0.20 0.00 | 23.84 -0.07 0.00 | 19.26 -0.24 0.00 | 15.19 -0.44 2.89 | 3.22 -0.10 16.43 |
| NEG WEST_LEA_LOCKPORT 23791 | 13.81 -1.74 3.60 | 13.62 -1.84 2.98 | 13.41 -1.80 3.27 | 15.39 -1.85 0.78 | 14.34 -1.93 2.68 | 12.27 -1.64 5.44 | 18.38 -1.80 0.03 | 10.56 -2.75 15.90 | 15.39 -2.36 5.10 | 18.31 -1.99 0.02 | 18.82 -2.10 0.00 | 22.59 -2.37 0.00 | 19.66 -1.88 0.00 | 18.51 -1.83 0.00 | 17.45 -2.02 0.00 | 18.44 -2.14 0.00 | 18.54 -1.89 0.00 | 23.72 -2.33 0.00 | 23.22 -2.18 0.00 | 20.29 -2.10 0.00 | 21.30 -2.61 0.00 | 17.35 -2.15 0.00 | 16.40 -2.01 0.10 | 17.73 -2.03 0.00 |
| NEG WEST___LANCASTR 23811 | 13.11 -1.27 4.78 | 13.13 -1.34 3.96 | 12.80 -1.34 4.35 | 15.59 -1.39 1.03 | 14.63 -1.40 2.91 | 12.55 -0.90 5.91 | 19.46 -0.72 0.03 | 11.04 -0.89 17.27 | 16.51 -0.79 5.54 | 19.69 -0.61 0.02 | 20.28 -0.64 0.00 | 24.36 -0.59 0.00 | 21.08 -0.46 0.00 | 19.86 -0.48 0.00 | 18.83 -0.64 0.00 | 19.95 -0.63 0.00 | 19.99 -0.44 0.00 | 24.72 -1.33 0.00 | 24.21 -1.19 0.00 | 21.13 -1.26 0.00 | 22.21 -1.70 0.00 | 18.07 -1.43 0.00 | 17.13 -1.25 0.13 | 18.53 -1.23 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 18.87 -0.28 0.00 | 18.17 -0.27 0.00 | 17.59 -0.29 0.61 | 17.72 -0.29 0.00 | 18.31 -0.26 0.38 | 18.43 -0.16 0.76 | 20.16 -0.05 0.00 | 27.00 0.03 2.23 | 22.11 -0.01 0.71 | 20.29 -0.02 0.00 | 20.78 -0.14 0.00 | 24.71 -0.24 0.00 | 21.32 -0.22 0.00 | 20.16 -0.18 0.00 | 19.21 -0.26 0.00 | 20.35 -0.23 0.00 | 20.32 -0.10 0.00 | 26.02 -0.03 0.00 | 25.41 0.01 0.00 | 22.25 -0.14 0.00 | 23.54 -0.37 0.00 | 19.14 -0.36 0.00 | 18.17 -0.33 0.00 | 19.40 -0.36 0.00 |
| NEG___GEN_MONROE 24207 | 15.42 -1.00 2.73 | 15.09 -1.08 2.26 | 14.94 -1.06 2.48 | 16.33 -1.10 0.59 | 17.84 -1.10 0.00 | 18.46 -0.89 0.00 | 19.22 -0.99 0.00 | 27.68 -1.53 0.00 | 21.46 -1.38 0.00 | 19.11 -1.20 0.00 | 19.68 -1.24 0.00 | 23.52 -1.43 0.00 | 20.39 -1.16 0.00 | 19.23 -1.11 0.00 | 18.23 -1.24 0.00 | 19.24 -1.35 0.00 | 19.31 -1.12 0.00 | 24.85 -1.20 0.00 | 24.29 -1.11 0.00 | 21.26 -1.13 0.00 | 22.41 -1.50 0.00 | 18.26 -1.24 0.00 | 17.25 -1.17 0.08 | 18.56 -1.20 0.00 |
| NEPA___ENERGY 23901 | 12.81 -1.54 4.80 | 12.87 -1.60 3.97 | 12.54 -1.58 4.37 | 15.38 -1.59 1.04 | 14.43 -1.59 2.93 | 12.10 -1.30 5.95 | 18.93 -1.25 0.03 | 10.01 -1.79 17.40 | 15.72 -1.53 5.58 | 19.04 -1.25 0.02 | 19.43 -1.49 0.00 | 23.38 -1.57 0.00 | 20.19 -1.36 0.00 | 19.13 -1.21 0.00 | 18.05 -1.42 0.00 | 19.10 -1.48 0.00 | 19.19 -1.23 0.00 | 24.40 -1.65 0.00 | 23.93 -1.47 0.00 | 20.82 -1.57 0.00 | 21.78 -2.12 0.00 | 17.63 -1.87 0.00 | 16.65 -1.73 0.13 | 18.01 -1.74 0.00 |
| NEVERSink___HYD 23608 | 19.92 0.77 0.00 | 19.13 0.69 0.00 | 19.19 0.70 0.00 | 18.66 0.64 0.00 | 19.67 0.73 0.00 | 20.24 0.89 0.00 | 21.46 1.25 0.00 | 31.24 2.04 0.00 | 24.37 1.54 0.00 | 21.57 1.26 0.00 | 21.85 0.93 0.00 | 25.65 0.69 0.00 | 21.70 0.16 0.00 | 20.54 0.20 0.00 | 19.59 0.11 0.00 | 20.73 0.15 0.00 | 20.77 0.34 0.00 | 26.83 0.78 0.00 | 26.20 0.80 0.00 | 23.03 0.64 0.00 | 25.08 1.17 0.00 | 20.41 0.91 0.00 | 19.31 0.81 0.00 | 20.49 0.73 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 19.77 0.62 0.00 | 19.03 0.60 0.00 | 19.07 0.59 0.00 | 18.63 0.61 0.00 | 19.56 0.62 0.00 | 20.01 0.66 0.00 | 21.02 0.81 0.00 | 30.21 1.01 0.00 | 23.66 0.83 0.00 | 20.99 0.67 0.00 | 21.38 0.46 0.00 | 25.40 0.45 0.00 | 21.84 0.30 0.00 | 20.60 0.26 0.00 | 19.74 0.27 0.00 | 20.90 0.32 0.00 | 20.90 0.48 0.00 | 26.87 0.81 0.00 | 26.17 0.77 0.00 | 22.95 0.55 0.00 | 24.45 0.54 0.00 | 19.98 0.48 0.00 | 19.08 0.57 0.00 | 20.41 0.66 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| NEWTON___FALLS_HYD 23847 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.71 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.65 -0.30 | 20.81 -0.65 -1.70 |
| NGRID_A1_DSASP 323792 | 13.44 -2.00 3.70 | 13.30 -2.07 3.07 | 13.08 -2.03 3.37 | 15.13 -2.08 0.80 | 13.38 -2.18 3.39 | 10.55 -1.92 6.88 | 18.04 -2.13 0.04 | 5.55 -3.53 20.12 | 13.47 -2.91 6.45 | 17.86 -2.43 0.02 | 18.35 -2.57 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.10 -2.24 0.00 | 17.08 -2.40 0.00 | 18.02 -2.56 0.00 | 18.11 -2.31 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.85 -2.54 0.00 | 20.87 -3.04 0.00 | 17.02 -2.48 0.00 | 16.08 -2.33 0.11 | 17.40 -2.36 0.00 |
| NGRID_A2_DSASP 323793 | 13.44 -2.00 3.70 | 13.30 -2.07 3.07 | 13.08 -2.03 3.37 | 15.13 -2.08 0.80 | 13.38 -2.18 3.39 | 10.55 -1.92 6.88 | 18.04 -2.13 0.04 | 5.55 -3.53 20.12 | 13.47 -2.91 6.45 | 17.86 -2.43 0.02 | 18.35 -2.57 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.10 -2.24 0.00 | 17.08 -2.40 0.00 | 18.02 -2.56 0.00 | 18.11 -2.31 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.85 -2.54 0.00 | 20.87 -3.04 0.00 | 17.02 -2.48 0.00 | 16.08 -2.33 0.11 | 17.40 -2.36 0.00 |
| NGRID_A4_DSASP 323807 | 13.44 -2.00 3.70 | 13.30 -2.07 3.07 | 13.08 -2.03 3.37 | 15.13 -2.08 0.80 | 13.38 -2.18 3.39 | 10.55 -1.92 6.88 | 18.04 -2.13 0.04 | 5.55 -3.53 20.12 | 13.47 -2.91 6.45 | 17.86 -2.43 0.02 | 18.35 -2.57 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.10 -2.24 0.00 | 17.08 -2.40 0.00 | 18.02 -2.56 0.00 | 18.11 -2.31 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.85 -2.54 0.00 | 20.87 -3.04 0.00 | 17.02 -2.48 0.00 | 16.08 -2.33 0.11 | 17.40 -2.36 0.00 |
| NIAGARA_115E_LBMP 323715 | 13.41 -2.00 3.73 | 13.27 -2.08 3.09 | 13.05 -2.04 3.40 | 15.10 -2.10 0.81 | 13.68 -2.21 3.06 | 11.17 -1.99 6.20 | 18.02 -2.16 0.04 | 7.66 -3.41 18.13 | 14.21 -2.81 5.82 | 17.94 -2.36 0.02 | 18.43 -2.49 0.00 | 22.14 -2.81 0.00 | 19.27 -2.27 0.00 | 18.16 -2.18 0.00 | 17.12 -2.35 0.00 | 18.08 -2.50 0.00 | 18.19 -2.24 0.00 | 23.27 -2.78 0.00 | 22.77 -2.63 0.00 | 19.91 -2.48 0.00 | 20.92 -2.99 0.00 | 17.07 -2.43 0.00 | 16.12 -2.28 0.11 | 17.45 -2.31 0.00 |
| NIAGARA_115W_LBMP 323714 | 13.42 -2.03 3.69 | 13.29 -2.09 3.06 | 13.07 -2.06 3.36 | 15.11 -2.11 0.80 | 13.32 -2.21 3.42 | 10.47 -1.95 6.93 | 18.00 -2.17 0.04 | 5.33 -3.60 20.28 | 13.37 -2.96 6.50 | 17.81 -2.48 0.02 | 18.31 -2.62 0.00 | 22.00 -2.95 0.00 | 19.15 -2.39 0.00 | 18.05 -2.44 0.00 | 17.03 -2.61 0.00 | 17.97 -2.61 0.00 | 18.07 -2.36 0.00 | 23.13 -2.92 0.00 | 22.63 -2.78 0.00 | 19.80 -2.59 0.00 | 20.81 -3.10 0.00 | 16.98 -2.52 0.00 | 16.04 -2.37 0.10 | 17.35 -2.40 0.00 |
| NIAGARA_230_LBMP 323716 | 13.65 -1.89 3.61 | 13.49 -1.95 2.99 | 13.28 -1.92 3.28 | 15.28 -1.95 0.78 | 13.28 -2.03 3.64 | 10.21 -1.77 7.38 | 18.21 -1.97 0.04 | 4.53 -3.09 21.58 | 13.36 -2.56 6.92 | 18.15 -2.14 0.02 | 18.66 -2.26 0.00 | 22.42 -2.53 0.00 | 19.50 -2.05 0.00 | 18.38 -1.96 0.00 | 17.36 -2.12 0.00 | 18.32 -2.26 0.00 | 18.39 -2.03 0.00 | 23.53 -2.53 0.00 | 23.02 -2.38 0.00 | 20.14 -2.25 0.00 | 21.17 -2.74 0.00 | 17.25 -2.25 0.00 | 16.31 -2.10 0.10 | 17.63 -2.12 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 13.44 -2.02 3.69 | 13.29 -2.09 3.06 | 13.07 -2.06 3.36 | 15.11 -2.11 0.80 | 13.33 -2.20 3.42 | 10.50 -1.92 6.93 | 18.02 -2.15 0.04 | 5.44 -3.49 20.28 | 13.41 -2.93 6.50 | 17.81 -2.48 0.02 | 18.31 -2.61 0.00 | 22.00 -2.95 0.00 | 19.15 -2.39 0.00 | 18.05 -2.29 0.00 | 17.03 -2.44 0.00 | 17.96 -2.62 0.00 | 18.06 -2.36 0.00 | 23.13 -2.92 0.00 | 22.63 -2.78 0.00 | 19.80 -2.59 0.00 | 20.80 -3.11 0.00 | 16.97 -2.53 0.00 | 16.05 -2.36 0.10 | 17.35 -2.40 0.00 |
| NIAGARA____ 23760 | 13.62 -1.89 3.64 | 13.47 -1.95 3.02 | 13.25 -1.92 3.31 | 15.28 -1.95 0.79 | 13.73 -2.03 3.18 | 11.14 -1.77 6.44 | 18.21 -1.97 0.04 | 6.25 -3.09 19.86 | 13.85 -2.56 6.42 | 18.15 -2.14 0.02 | 18.66 -2.26 0.00 | 22.42 -2.53 0.00 | 19.50 -2.05 0.00 | 18.38 -1.96 0.00 | 17.36 -2.12 0.00 | 18.32 -2.26 0.00 | 18.39 -2.03 0.00 | 23.53 -2.53 0.00 | 23.02 -2.38 0.00 | 20.14 -2.25 0.00 | 21.17 -2.74 0.00 | 17.25 -2.25 0.00 | 16.31 -2.10 0.10 | 17.63 -2.12 0.00 |
| NINE_MILE_1 23575 | 18.27 -0.87 0.00 | 17.59 -0.85 0.00 | 17.63 -0.85 0.00 | 17.17 -0.85 0.00 | 18.06 -0.88 0.00 | 18.50 -0.85 0.00 | 19.32 -0.89 0.00 | 27.93 -1.27 0.00 | 21.80 -1.04 0.00 | 19.39 -0.93 0.00 | 19.98 -0.94 0.00 | 23.73 -1.22 0.00 | 20.54 -1.00 0.00 | 19.42 -0.92 0.00 | 18.58 -0.90 0.00 | 19.62 -0.96 0.00 | 19.55 -0.87 0.00 | 24.98 -1.07 0.00 | 24.37 -1.03 0.00 | 21.43 -0.96 0.00 | 22.77 -1.13 0.00 | 18.61 -0.88 0.00 | 17.70 -0.80 0.00 | 18.94 -0.81 0.00 |
| NINE_MILE_2 23744 | 18.28 -0.87 0.00 | 17.59 -0.84 0.00 | 17.63 -0.85 0.00 | 17.17 -0.85 0.00 | 18.06 -0.88 0.00 | 18.50 -0.85 0.00 | 19.32 -0.89 0.00 | 27.93 -1.27 0.00 | 21.81 -1.03 0.00 | 19.39 -0.93 0.00 | 19.98 -0.94 0.00 | 23.74 -1.22 0.00 | 20.54 -1.00 0.00 | 19.42 -0.91 0.00 | 18.58 -0.90 0.00 | 19.62 -0.96 0.00 | 19.55 -0.87 0.00 | 24.99 -1.07 0.00 | 24.37 -1.03 0.00 | 21.43 -0.96 0.00 | 22.78 -1.13 0.00 | 18.62 -0.88 0.00 | 17.71 -0.80 0.00 | 18.95 -0.81 0.00 |
| NM_CAPITAL___DRP 24208 | 19.80 0.65 0.00 | 19.06 0.62 0.00 | 19.11 0.62 0.00 | 18.65 0.64 0.00 | 19.60 0.65 0.00 | 20.04 0.69 0.00 | 21.07 0.86 0.00 | 30.32 1.11 0.00 | 23.73 0.89 0.00 | 21.05 0.74 0.00 | 21.46 0.54 0.00 | 25.48 0.53 0.00 | 21.92 0.37 0.00 | 20.67 0.33 0.00 | 19.80 0.33 0.00 | 20.96 0.38 0.00 | 20.94 0.52 0.00 | 26.93 0.88 0.00 | 26.23 0.83 0.00 | 23.00 0.61 0.00 | 24.52 0.61 0.00 | 20.03 0.53 0.00 | 19.11 0.60 0.00 | 20.42 0.66 0.00 |
| NM_CENTRAL___DRP 24181 | 18.55 -0.60 0.00 | 17.83 -0.61 0.00 | 17.87 -0.61 0.00 | 17.39 -0.62 0.00 | 18.31 -0.63 0.00 | 18.81 -0.54 0.00 | 19.68 -0.53 0.00 | 28.47 -0.73 0.00 | 22.21 -0.62 0.00 | 19.73 -0.59 0.00 | 20.30 -0.62 0.00 | 24.12 -0.84 0.00 | 20.87 -0.67 0.00 | 19.73 -0.61 0.00 | 18.85 -0.63 0.00 | 19.94 -0.64 0.00 | 19.89 -0.54 0.00 | 25.45 -0.60 0.00 | 24.84 -0.56 0.00 | 21.81 -0.58 0.00 | 23.13 -0.77 0.00 | 18.88 -0.62 0.00 | 17.94 -0.56 0.00 | 19.19 -0.56 0.00 |
| NM_FRONTIER___DRP 24179 | 13.44 -2.02 3.69 | 13.29 -2.09 3.06 | 13.07 -2.06 3.36 | 15.11 -2.11 0.80 | 13.33 -2.20 3.42 | 10.50 -1.92 6.93 | 18.02 -2.15 0.04 | 5.44 -3.49 20.28 | 13.41 -2.93 6.50 | 17.81 -2.48 0.02 | 18.31 -2.61 0.00 | 22.00 -2.95 0.00 | 19.15 -2.39 0.00 | 18.05 -2.29 0.00 | 17.03 -2.44 0.00 | 17.96 -2.62 0.00 | 18.06 -2.36 0.00 | 23.13 -2.92 0.00 | 22.63 -2.78 0.00 | 19.80 -2.59 0.00 | 20.80 -3.11 0.00 | 16.97 -2.53 0.00 | 16.05 -2.36 0.10 | 17.35 -2.40 0.00 |
| NM_ST_REGIS___HYD 24053 | 18.75 -0.40 0.00 | 18.17 -0.27 0.00 | 18.19 -0.30 0.00 | 17.79 -0.22 0.00 | 18.75 -0.19 0.00 | 18.98 -0.37 0.00 | 19.70 -0.51 0.00 | 28.47 -0.74 0.00 | 22.56 -0.28 0.00 | 20.13 -0.18 0.00 | 20.81 -0.11 0.00 | 25.06 0.11 0.00 | 21.53 -0.01 0.00 | 20.17 -0.17 0.00 | 19.47 0.00 0.00 | 20.56 -0.02 0.00 | 20.27 -0.15 0.00 | 25.56 -0.50 0.00 | 24.78 -0.62 0.00 | 21.92 -0.47 0.00 | 23.55 -0.36 0.00 | 19.12 -0.38 0.00 | 18.87 -0.39 -0.75 | 23.82 -0.22 -4.28 |

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| NORTHPORT___1 23551 | 20.66 1.52 0.00 | 19.82 1.39 0.00 | 19.87 1.38 0.00 | 19.29 1.27 0.00 | 20.27 1.33 0.00 | 20.86 1.51 0.00 | 34.23 1.84 -12.18 | 69.89 2.82 -37.87 | 57.59 2.13 -32.62 | 22.99 1.83 -0.85 | 70.07 1.63 -47.51 | 26.42 1.46 0.00 | 22.74 1.20 0.00 | 36.36 1.28 -14.75 | 33.26 1.26 -12.52 | 33.17 1.37 -11.22 | 70.22 1.48 -48.32 | 54.66 2.16 -26.46 | 33.75 2.16 -6.19 | 24.18 1.78 0.00 | 25.82 1.91 0.00 | 21.44 1.60 -0.35 | 20.12 1.43 -0.18 | 21.22 1.41 -0.06 |
| NORTHPORT___2 23552 | 20.65 1.50 0.00 | 19.82 1.38 0.00 | 19.86 1.37 0.00 | 19.28 1.27 0.00 | 20.26 1.31 0.00 | 20.84 1.49 0.00 | 34.20 1.81 -12.18 | 69.84 2.76 -37.87 | 57.53 2.07 -32.62 | 22.91 1.74 -0.85 | 69.99 1.55 -47.51 | 26.34 1.39 0.00 | 22.70 1.16 0.00 | 36.33 1.25 -14.75 | 33.22 1.23 -12.52 | 33.14 1.34 -11.22 | 70.16 1.42 -48.32 | 54.60 2.09 -26.46 | 33.68 2.09 -6.19 | 24.12 1.72 0.00 | 25.80 1.89 0.00 | 21.43 1.59 -0.35 | 20.11 1.42 -0.18 | 21.22 1.41 -0.06 |
| NORTHPORT___3 23553 | 20.50 1.35 0.00 | 19.67 1.24 0.00 | 19.71 1.22 0.00 | 19.12 1.10 0.00 | 20.07 1.13 0.00 | 20.63 1.27 0.00 | 33.96 1.56 -12.18 | 69.53 2.45 -37.87 | 57.33 1.87 -32.62 | 22.74 1.58 -0.85 | 69.81 1.38 -47.51 | 26.13 1.18 0.00 | 22.50 0.96 0.00 | 36.11 1.02 -14.75 | 33.15 1.16 -12.52 | 33.04 1.24 -11.22 | 70.08 1.33 -48.32 | 54.46 1.95 -26.46 | 33.55 1.96 -6.19 | 23.98 1.58 0.00 | 25.54 1.63 0.00 | 21.18 1.33 -0.35 | 19.89 1.21 -0.18 | 21.04 1.22 -0.06 |
| NORTHPORT___4 23650 | 20.50 1.35 0.00 | 19.67 1.24 0.00 | 19.71 1.22 0.00 | 19.12 1.10 0.00 | 20.07 1.13 0.00 | 20.63 1.27 0.00 | 33.96 1.56 -12.18 | 69.53 2.45 -37.87 | 57.33 1.87 -32.62 | 22.74 1.58 -0.85 | 69.81 1.38 -47.51 | 26.13 1.18 0.00 | 22.50 0.96 0.00 | 36.11 1.02 -14.75 | 33.15 1.16 -12.52 | 33.04 1.24 -11.22 | 70.08 1.33 -48.32 | 54.46 1.95 -26.46 | 33.55 1.96 -6.19 | 23.98 1.58 0.00 | 25.54 1.63 0.00 | 21.18 1.33 -0.35 | 19.89 1.21 -0.18 | 21.04 1.22 -0.06 |
| NORTHPORT___IC 23718 | 20.65 1.50 0.00 | 19.82 1.38 0.00 | 19.86 1.37 0.00 | 19.28 1.27 0.00 | 20.26 1.31 0.00 | 20.84 1.49 0.00 | 34.20 1.81 -12.18 | 69.84 2.76 -37.87 | 57.53 2.07 -32.62 | 22.91 1.74 -0.85 | 69.99 1.55 -47.51 | 26.34 1.39 0.00 | 22.70 1.16 0.00 | 36.33 1.25 -14.75 | 33.22 1.23 -12.52 | 33.14 1.34 -11.22 | 70.16 1.42 -48.32 | 54.60 2.09 -26.46 | 33.68 2.09 -6.19 | 24.12 1.72 0.00 | 25.80 1.89 0.00 | 21.43 1.59 -0.35 | 20.11 1.42 -0.18 | 21.22 1.41 -0.06 |
| NORTH___COUNTRY_ESR 323785 | 18.86 -0.29 0.00 | 18.14 -0.29 0.00 | 18.16 -0.33 0.00 | 17.86 -0.15 0.00 | 18.92 -0.03 0.00 | 19.18 -0.17 0.00 | 19.86 -0.35 0.00 | 28.43 -0.78 0.00 | 22.47 -0.37 0.00 | 20.04 -0.28 0.00 | 20.70 -0.22 0.00 | 25.15 0.20 0.00 | 21.79 0.25 0.00 | 20.39 0.05 0.00 | 19.81 0.34 0.00 | 20.94 0.36 0.00 | 20.54 0.12 0.00 | 25.78 -0.27 0.00 | 24.88 -0.52 0.00 | 21.89 -0.50 0.00 | 23.59 -0.32 0.00 | 19.04 -0.46 0.00 | 14.85 -0.61 3.05 | 2.08 -0.32 17.35 |
| NPX_GEN_1385_PROXY 323591 | 20.54 1.39 0.00 | 19.82 1.38 0.00 | 19.82 1.34 0.00 | 19.34 1.33 0.00 | 20.26 1.31 0.00 | 20.91 1.55 0.00 | 34.32 1.93 -12.18 | 71.54 2.78 -39.55 | 57.38 1.92 -32.62 | 22.35 1.19 -0.85 | 69.56 1.12 -47.51 | 28.27 1.10 -2.22 | 22.63 1.09 0.00 | 36.15 1.07 -14.75 | 32.87 0.88 -12.52 | 32.83 1.02 -11.22 | 68.14 0.84 -46.87 | 53.88 1.37 -26.46 | 26.80 1.40 0.00 | 13.27 1.14 10.26 | 25.54 1.63 0.00 | 21.32 1.47 -0.35 | 20.00 1.32 -0.18 | 21.21 1.40 -0.06 |
| NPX_GEN_CSC 323557 | 20.98 1.83 0.00 | 20.11 1.67 0.00 | 20.15 1.67 0.00 | 19.56 1.55 0.00 | 20.57 1.62 0.00 | 21.17 1.82 0.00 | 34.53 2.14 -12.18 | 71.95 3.20 -39.55 | 57.89 2.43 -32.62 | 23.27 2.11 -0.85 | 70.36 1.93 -47.51 | 28.89 1.73 -2.22 | 22.87 1.33 0.00 | 36.51 1.42 -14.75 | 33.37 1.37 -12.52 | 33.24 1.43 -11.22 | 70.40 1.65 -48.32 | 54.91 2.40 -26.46 | 34.06 2.48 -6.19 | 24.44 2.05 0.00 | 26.15 2.24 0.00 | 21.75 1.90 -0.35 | 20.32 1.64 -0.18 | 21.37 1.56 -0.06 |
| NSINS_S_GLNS_FALLS 23858 | 20.07 0.93 0.00 | 19.28 0.84 0.00 | 19.34 0.85 0.00 | 18.86 0.85 0.00 | 19.89 0.94 0.00 | 20.41 1.06 0.00 | 21.64 1.43 0.00 | 31.42 2.22 0.00 | 24.53 1.69 0.00 | 21.61 1.30 0.00 | 21.94 1.02 0.00 | 26.12 1.16 0.00 | 22.39 0.85 0.00 | 21.13 0.80 0.00 | 20.34 0.87 0.00 | 21.57 0.99 0.00 | 21.65 1.22 0.00 | 27.93 1.88 0.00 | 27.21 1.80 0.00 | 23.84 1.45 0.00 | 25.30 1.39 0.00 | 20.56 1.06 0.00 | 19.45 0.94 0.00 | 20.64 0.88 0.00 |
| NUCOR_STEEL___DRP 24197 | 20.17 -0.41 -1.43 | 19.20 -0.42 -1.19 | 19.41 -0.36 -1.28 | 17.97 -0.36 -0.31 | 18.58 -0.37 0.00 | 19.10 -0.25 0.00 | 19.96 -0.25 0.00 | 29.02 -0.19 0.00 | 22.51 -0.33 0.00 | 20.03 -0.28 0.00 | 20.58 -0.34 0.00 | 24.48 -0.47 0.00 | 21.06 -0.48 0.00 | 19.93 -0.40 0.00 | 19.11 -0.36 0.00 | 20.15 -0.43 0.00 | 20.19 -0.23 0.00 | 25.89 -0.17 0.00 | 25.30 -0.10 0.00 | 22.19 -0.20 0.00 | 23.53 -0.38 0.00 | 19.15 -0.35 0.00 | 18.24 -0.32 -0.05 | 19.45 -0.30 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 18.36 -0.79 0.00 | 17.86 -0.58 0.00 | 17.76 -0.72 0.00 | 17.37 -0.64 0.00 | 18.36 -0.58 0.00 | 18.73 -0.62 0.00 | 19.68 -0.54 0.00 | 28.53 -0.67 0.00 | 22.32 -0.52 0.00 | 19.78 -0.54 0.00 | 20.35 -0.57 0.00 | 24.44 -0.51 0.00 | 20.97 -0.57 0.00 | 19.67 -0.67 0.00 | 19.15 -0.32 0.00 | 20.28 -0.30 0.00 | 20.20 -0.22 0.00 | 25.78 -0.27 0.00 | 24.89 -0.51 0.00 | 21.81 -0.58 0.00 | 23.08 -0.82 0.00 | 18.75 -0.75 0.00 | 17.91 -0.73 -0.13 | 19.64 -0.86 -0.75 |
| NYISO_LBMP_REFERENCE 24008 | 19.15 0.00 0.00 | 18.44 0.00 0.00 | 18.49 0.00 0.00 | 18.01 0.00 0.00 | 18.94 0.00 0.00 | 19.35 0.00 0.00 | 20.21 0.00 0.00 | 29.20 0.00 0.00 | 22.84 0.00 0.00 | 20.32 0.00 0.00 | 20.92 0.00 0.00 | 24.95 0.00 0.00 | 21.54 0.00 0.00 | 20.34 0.00 0.00 | 19.47 0.00 0.00 | 20.58 0.00 0.00 | 20.42 0.00 0.00 | 26.05 0.00 0.00 | 25.40 0.00 0.00 | 22.39 0.00 0.00 | 23.91 0.00 0.00 | 19.50 0.00 0.00 | 18.51 0.00 0.00 | 19.76 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 20.85 1.70 0.00 | 19.99 1.56 0.00 | 20.04 1.55 0.00 | 19.45 1.44 0.00 | 20.45 1.50 0.00 | 21.05 1.70 0.00 | 34.44 2.05 -12.18 | 70.23 3.16 -37.87 | 57.85 2.39 -32.62 | 23.23 2.06 -0.85 | 70.30 1.87 -47.51 | 26.66 1.70 0.00 | 22.91 1.37 0.00 | 36.52 1.44 -14.75 | 33.42 1.42 -12.52 | 33.36 1.55 -11.22 | 70.44 1.70 -48.32 | 54.94 2.43 -26.46 | 33.99 2.41 -6.19 | 24.44 2.05 0.00 | 26.09 2.18 0.00 | 21.66 1.81 -0.35 | 20.30 1.62 -0.18 | 21.41 1.59 -0.06 |
| NYPA_GOWANUS___GT5 24156 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |
| NYPA_GOWANUS___GT6 24157 | 20.34 1.19 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 20.00 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.89 2.68 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.56 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.67 1.17 0.00 | 20.82 1.06 0.00 |

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| NYPA_HARLEM__RVR__GT1 24160 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.44 0.96 0.00 | 18.87 0.86 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.78 1.56 0.00 | 31.75 2.54 0.00 | 24.81 1.98 0.00 | 22.04 1.72 0.00 | 22.43 1.51 0.00 | 26.33 1.38 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.77 1.19 0.00 | 21.73 1.31 0.00 | 27.98 1.93 0.00 | 27.31 1.91 0.00 | 23.88 1.49 0.00 | 25.37 1.46 0.00 | 20.66 1.16 0.00 | 19.60 1.09 0.00 | 20.70 0.94 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.44 0.96 0.00 | 18.87 0.86 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.78 1.56 0.00 | 31.75 2.54 0.00 | 24.81 1.98 0.00 | 22.04 1.72 0.00 | 22.43 1.51 0.00 | 26.33 1.38 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.77 1.19 0.00 | 21.73 1.31 0.00 | 27.98 1.93 0.00 | 27.31 1.91 0.00 | 23.88 1.49 0.00 | 25.37 1.46 0.00 | 20.66 1.16 0.00 | 19.60 1.09 0.00 | 20.70 0.94 0.00 |
| NYPA_KENT____GT 24152 | 20.30 1.15 0.00 | 19.47 1.04 0.00 | 19.54 1.05 0.00 | 18.97 0.95 0.00 | 19.96 1.02 0.00 | 20.55 1.20 0.00 | 21.86 1.64 0.00 | 31.84 2.63 0.00 | 24.89 2.06 0.00 | 22.18 1.86 0.00 | 22.55 1.63 0.00 | 26.50 1.55 0.00 | 22.86 1.32 0.00 | 21.64 1.31 0.00 | 20.74 1.27 0.00 | 21.89 1.31 0.00 | 21.84 1.42 0.00 | 28.14 2.08 0.00 | 27.46 2.06 0.00 | 24.00 1.61 0.00 | 25.47 1.56 0.00 | 20.73 1.23 0.00 | 19.65 1.14 0.00 | 20.80 1.04 0.00 |
| NYPA_POUCH1____GT 24155 | 20.29 1.14 0.00 | 19.46 1.02 0.00 | 19.52 1.04 0.00 | 18.96 0.94 0.00 | 19.96 1.01 0.00 | 20.54 1.19 0.00 | 21.83 1.62 0.00 | 31.78 2.58 0.00 | 24.85 2.01 0.00 | 22.16 1.84 0.00 | 22.53 1.61 0.00 | 26.46 1.51 0.00 | 22.83 1.29 0.00 | 21.61 1.27 0.00 | 20.71 1.24 0.00 | 21.85 1.27 0.00 | 21.81 1.38 0.00 | 28.09 2.04 0.00 | 27.42 2.02 0.00 | 23.96 1.57 0.00 | 25.42 1.51 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.75 1.00 0.00 |
| NYPA_VERNON____GT2 24162 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.93 0.98 0.00 | 20.52 1.17 0.00 | 21.81 1.60 0.00 | 31.80 2.59 0.00 | 24.85 2.02 0.00 | 22.13 1.81 0.00 | 22.51 1.59 0.00 | 26.45 1.50 0.00 | 22.82 1.27 0.00 | 21.60 1.27 0.00 | 20.70 1.22 0.00 | 21.86 1.28 0.00 | 21.81 1.38 0.00 | 28.09 2.04 0.00 | 27.41 2.01 0.00 | 23.96 1.57 0.00 | 25.43 1.52 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.77 1.01 0.00 |
| NYPA_VERNON____GT3 24163 | 20.26 1.11 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.93 0.98 0.00 | 20.52 1.17 0.00 | 21.81 1.60 0.00 | 31.80 2.59 0.00 | 24.85 2.02 0.00 | 22.13 1.81 0.00 | 22.51 1.59 0.00 | 26.45 1.50 0.00 | 22.82 1.27 0.00 | 21.60 1.27 0.00 | 20.70 1.22 0.00 | 21.86 1.28 0.00 | 21.81 1.38 0.00 | 28.09 2.04 0.00 | 27.41 2.01 0.00 | 23.96 1.57 0.00 | 25.43 1.52 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.77 1.01 0.00 |
| NYPA__ASTORIA_CC1 323568 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.95 0.00 | 20.49 1.13 0.00 | 21.78 1.56 0.00 | 31.73 2.53 0.00 | 24.81 1.97 0.00 | 22.08 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.22 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| NYPA__ASTORIA_CC2 323569 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.95 0.00 | 20.49 1.13 0.00 | 21.78 1.56 0.00 | 31.73 2.53 0.00 | 24.81 1.97 0.00 | 22.08 1.77 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.22 0.00 | 21.56 1.22 0.00 | 20.66 1.19 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.95 0.00 | 23.91 1.52 0.00 | 25.38 1.47 0.00 | 20.65 1.15 0.00 | 19.58 1.07 0.00 | 20.73 0.98 0.00 |
| NYPA__HOLTSVILL 23794 | 20.80 1.65 0.00 | 19.94 1.51 0.00 | 19.99 1.50 0.00 | 19.40 1.39 0.00 | 20.39 1.45 0.00 | 20.99 1.64 0.00 | 34.35 1.96 -12.18 | 70.07 2.99 -37.87 | 57.73 2.27 -32.62 | 23.14 1.97 -0.85 | 70.21 1.77 -47.51 | 26.53 1.58 0.00 | 22.79 1.25 0.00 | 36.42 1.34 -14.75 | 33.31 1.31 -12.52 | 33.21 1.41 -11.22 | 70.31 1.57 -48.32 | 54.81 2.30 -26.46 | 33.90 2.32 -6.19 | 24.30 1.91 0.00 | 25.95 2.05 0.00 | 21.57 1.73 -0.35 | 20.22 1.53 -0.18 | 21.31 1.49 -0.06 |
| NYPA__HELLGATE_GT1 24158 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.44 0.96 0.00 | 18.87 0.86 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.78 1.56 0.00 | 31.75 2.54 0.00 | 24.81 1.98 0.00 | 22.04 1.72 0.00 | 22.43 1.51 0.00 | 26.33 1.38 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.77 1.19 0.00 | 21.73 1.31 0.00 | 27.98 1.93 0.00 | 27.31 1.91 0.00 | 23.88 1.49 0.00 | 25.37 1.46 0.00 | 20.66 1.16 0.00 | 19.60 1.09 0.00 | 20.70 0.94 0.00 |
| NYPA__HELLGATE_GT2 24159 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.44 0.96 0.00 | 18.87 0.86 0.00 | 19.88 0.94 0.00 | 20.47 1.12 0.00 | 21.78 1.56 0.00 | 31.75 2.54 0.00 | 24.81 1.98 0.00 | 22.04 1.72 0.00 | 22.43 1.51 0.00 | 26.33 1.38 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.77 1.19 0.00 | 21.73 1.31 0.00 | 27.98 1.93 0.00 | 27.31 1.91 0.00 | 23.88 1.49 0.00 | 25.37 1.46 0.00 | 20.66 1.16 0.00 | 19.60 1.09 0.00 | 20.70 0.94 0.00 |
| NYS_BARGE__HYD 23848 | 13.85 -1.73 3.57 | 13.67 -1.81 2.96 | 13.46 -1.78 3.25 | 15.40 -1.84 0.77 | 14.48 -1.92 2.55 | 12.52 -1.66 5.17 | 18.38 -1.80 0.03 | 11.24 -2.85 15.12 | 15.61 -2.38 4.85 | 18.32 -1.98 0.02 | 18.83 -2.09 0.00 | 22.59 -2.36 0.00 | 19.67 -1.88 0.00 | 18.52 -1.82 0.00 | 17.46 -2.02 0.00 | 18.46 -2.12 0.00 | 18.55 -1.87 0.00 | 23.74 -2.31 0.00 | 23.23 -2.17 0.00 | 20.31 -2.09 0.00 | 21.33 -2.58 0.00 | 17.37 -2.12 0.00 | 16.41 -2.00 0.10 | 17.74 -2.01 0.00 |
| OAK ORCHARD__HYD 24046 | 15.37 -1.09 2.69 | 15.07 -1.14 2.23 | 14.91 -1.13 2.45 | 16.29 -1.15 0.58 | 17.87 -1.17 -0.09 | 18.54 -1.00 -0.19 | 19.11 -1.10 0.00 | 28.03 -1.75 -0.57 | 21.52 -1.50 -0.18 | 19.04 -1.28 0.00 | 19.60 -1.32 0.00 | 23.42 -1.53 0.00 | 20.31 -1.24 0.00 | 19.16 -1.18 0.00 | 18.18 -1.29 0.00 | 19.18 -1.40 0.00 | 19.24 -1.18 0.00 | 24.76 -1.30 0.00 | 24.19 -1.22 0.00 | 21.19 -1.20 0.00 | 22.35 -1.55 0.00 | 18.21 -1.29 0.00 | 17.21 -1.22 0.08 | 18.51 -1.24 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 18.02 -0.27 0.86 | 17.47 -0.26 0.71 | 16.58 -0.28 1.63 | 17.55 -0.27 0.18 | 18.31 -0.25 0.39 | 18.40 -0.16 0.79 | 20.15 -0.06 0.00 | 26.90 0.01 2.32 | 22.07 -0.02 0.74 | 20.28 -0.03 0.00 | 20.77 -0.15 0.00 | 24.71 -0.24 0.00 | 21.32 -0.22 0.00 | 20.16 -0.18 0.00 | 19.22 -0.25 0.00 | 20.35 -0.23 0.00 | 20.31 -0.11 0.00 | 26.01 -0.05 0.00 | 25.39 -0.01 0.00 | 22.24 -0.15 0.00 | 23.54 -0.37 0.00 | 19.14 -0.36 0.00 | 18.15 -0.32 0.03 | 19.41 -0.35 0.00 |
| OCC_CHEM__DRP 24175 | 13.46 -1.98 3.70 | 13.30 -2.07 3.07 | 13.09 -2.03 3.37 | 15.13 -2.08 0.80 | 13.39 -2.17 3.39 | 10.59 -1.88 6.88 | 18.06 -2.12 0.04 | 5.67 -3.41 20.12 | 13.51 -2.87 6.45 | 17.86 -2.43 0.02 | 18.36 -2.56 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.09 -2.25 0.00 | 17.08 -2.39 0.00 | 18.01 -2.57 0.00 | 18.11 -2.32 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.86 -2.53 0.00 | 20.86 -3.05 0.00 | 17.02 -2.48 0.00 | 16.09 -2.32 0.10 | 17.39 -2.36 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| OH_GEN_PROXY 24063 | 13.65 -1.85 3.64 | 13.50 -1.92 3.02 | 13.28 -1.89 3.32 | 15.31 -1.91 0.79 | 13.60 -1.99 3.36 | 10.81 -1.73 6.81 | 18.26 -1.92 0.04 | 7.96 -3.00 18.24 | 13.97 -2.48 6.39 | 18.22 -2.08 0.02 | 18.73 -2.19 0.00 | 24.72 -2.44 -2.21 | 19.57 -1.98 0.00 | 18.44 -1.89 0.00 | 17.42 -2.05 0.00 | 18.39 -2.19 0.00 | 18.47 -1.96 0.00 | 23.61 -2.44 0.00 | 23.10 -2.30 0.00 | 20.21 -2.18 0.00 | 21.26 -2.65 0.00 | 17.31 -2.19 0.00 | 16.36 -2.05 0.10 | 17.68 -2.08 0.00 |
| OLIN_CORP_DRP 24177 | 13.42 -1.95 3.78 | 13.26 -2.05 3.13 | 13.04 -2.01 3.44 | 15.13 -2.07 0.82 | 13.68 -2.17 3.10 | 11.14 -1.92 6.30 | 18.07 -2.10 0.04 | 7.57 -3.22 18.41 | 14.22 -2.71 5.91 | 17.99 -2.31 0.02 | 18.48 -2.44 0.00 | 22.20 -2.75 0.00 | 19.32 -2.22 0.00 | 18.20 -2.13 0.00 | 17.18 -2.30 0.00 | 18.13 -2.45 0.00 | 18.23 -2.19 0.00 | 23.33 -2.72 0.00 | 22.83 -2.57 0.00 | 19.97 -2.42 0.00 | 20.98 -2.93 0.00 | 17.11 -2.39 0.00 | 16.18 -2.22 0.11 | 17.49 -2.27 0.00 |
| OLIN_CORP_DSASP 323712 | 13.44 -2.00 3.70 | 13.30 -2.07 3.07 | 13.08 -2.03 3.37 | 15.13 -2.08 0.80 | 13.38 -2.18 3.39 | 10.55 -1.92 6.88 | 18.04 -2.13 0.04 | 5.55 -3.53 20.12 | 13.47 -2.91 6.45 | 17.86 -2.43 0.02 | 18.35 -2.57 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.10 -2.24 0.00 | 17.08 -2.40 0.00 | 18.02 -2.56 0.00 | 18.11 -2.31 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.85 -2.54 0.00 | 20.87 -3.04 0.00 | 17.02 -2.48 0.00 | 16.08 -2.33 0.11 | 17.40 -2.36 0.00 |
| ONEIDA_HERK_LFGE 323681 | 19.10 -0.05 0.00 | 18.45 0.02 0.00 | 18.44 -0.05 0.00 | 17.99 -0.02 0.00 | 18.98 0.03 0.00 | 19.42 0.07 0.00 | 20.39 0.18 0.00 | 29.52 0.31 0.00 | 23.07 0.23 0.00 | 20.47 0.15 0.00 | 21.04 0.12 0.00 | 25.11 0.15 0.00 | 21.63 0.08 0.00 | 20.34 0.00 0.00 | 19.62 0.15 0.00 | 20.73 0.14 0.00 | 20.67 0.24 0.00 | 26.46 0.41 0.00 | 25.70 0.30 0.00 | 22.57 0.18 0.00 | 23.96 0.05 0.00 | 19.51 0.01 0.00 | 18.55 -0.02 -0.06 | 20.01 -0.09 -0.34 |
| ONEIDA___115KV_TB4 55905 | 19.35 0.20 0.00 | 18.64 0.20 0.00 | 18.67 0.18 0.00 | 18.18 0.17 0.00 | 19.17 0.22 0.00 | 19.67 0.32 0.00 | 20.67 0.46 0.00 | 29.92 0.71 0.00 | 23.36 0.52 0.00 | 20.73 0.41 0.00 | 21.27 0.34 0.00 | 25.31 0.35 0.00 | 21.83 0.28 0.00 | 20.58 0.24 0.00 | 19.74 0.27 0.00 | 20.83 0.25 0.00 | 20.80 0.37 0.00 | 26.71 0.65 0.00 | 26.04 0.63 0.00 | 22.85 0.46 0.00 | 24.27 0.36 0.00 | 19.76 0.26 0.00 | 18.74 0.23 0.00 | 19.94 0.18 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 19.75 -0.45 -1.05 | 18.85 -0.45 -0.87 | 18.96 -0.47 -0.94 | 17.77 -0.48 -0.23 | 18.48 -0.47 0.00 | 18.97 -0.39 0.00 | 19.87 -0.34 0.00 | 28.75 -0.46 0.00 | 22.43 -0.41 0.00 | 19.91 -0.41 0.00 | 20.46 -0.46 0.00 | 24.30 -0.65 0.00 | 21.02 -0.52 0.00 | 19.88 -0.45 0.00 | 18.99 -0.49 0.00 | 20.10 -0.48 0.00 | 20.06 -0.37 0.00 | 25.68 -0.37 0.00 | 25.07 -0.33 0.00 | 22.01 -0.39 0.00 | 23.35 -0.56 0.00 | 19.04 -0.46 0.00 | 18.13 -0.42 -0.04 | 19.33 -0.43 0.00 |
| ONONDAGA___COGEN 23986 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |
| ONTARIO___LFGE 23819 | 12.33 -0.68 6.15 | 12.69 -0.65 5.09 | 12.26 -0.65 5.57 | 16.03 -0.65 1.33 | 18.33 -0.61 0.00 | 18.86 -0.49 0.00 | 19.82 -0.39 0.00 | 28.69 -0.52 0.00 | 22.39 -0.44 0.00 | 19.81 -0.51 0.00 | 20.25 -0.67 0.00 | 24.13 -0.82 0.00 | 20.88 -0.66 0.00 | 19.77 -0.57 0.00 | 18.79 -0.68 0.00 | 19.91 -0.67 0.00 | 19.98 -0.44 0.00 | 25.70 -0.35 0.00 | 25.13 -0.27 0.00 | 22.04 -0.35 0.00 | 23.22 -0.68 0.00 | 18.86 -0.64 0.00 | 17.71 -0.60 0.20 | 19.12 -0.64 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 13.09 -2.05 4.01 | 13.01 -2.10 3.32 | 12.77 -2.07 3.65 | 15.10 -2.05 0.87 | 13.56 -2.15 3.24 | 10.88 -1.91 6.56 | 18.18 -2.00 0.04 | 6.96 -3.05 19.20 | 14.20 -2.49 6.16 | 18.27 -2.03 0.02 | 18.84 -2.08 0.00 | 22.67 -2.28 0.00 | 19.73 -1.81 0.00 | 18.47 -1.87 0.00 | 17.36 -2.11 0.00 | 18.47 -2.11 0.00 | 18.55 -1.88 0.00 | 23.77 -2.28 0.00 | 23.32 -2.08 0.00 | 20.21 -2.18 0.00 | 21.21 -2.70 0.00 | 17.16 -2.34 0.00 | 16.16 -2.24 0.11 | 17.51 -2.24 0.00 |
| ORANGEVILLE___ESR 323794 | 13.09 -2.05 4.01 | 13.01 -2.10 3.32 | 12.77 -2.07 3.65 | 15.10 -2.05 0.87 | 13.56 -2.15 3.24 | 10.88 -1.91 6.56 | 18.18 -2.00 0.04 | 6.96 -3.05 19.20 | 14.20 -2.49 6.16 | 18.27 -2.03 0.02 | 18.84 -2.08 0.00 | 22.67 -2.28 0.00 | 19.73 -1.81 0.00 | 18.47 -1.87 0.00 | 17.36 -2.11 0.00 | 18.47 -2.11 0.00 | 18.55 -1.88 0.00 | 23.77 -2.28 0.00 | 23.32 -2.08 0.00 | 20.21 -2.18 0.00 | 21.21 -2.70 0.00 | 17.16 -2.34 0.00 | 16.16 -2.24 0.11 | 17.51 -2.24 0.00 |
| OSWEGATCHIE___HYD 24044 | 18.41 -0.74 0.00 | 17.88 -0.56 0.00 | 17.85 -0.64 0.00 | 17.44 -0.57 0.00 | 18.39 -0.55 0.00 | 18.69 -0.66 0.00 | 19.53 -0.68 0.00 | 28.30 -0.90 0.00 | 22.29 -0.55 0.00 | 19.79 -0.53 0.00 | 20.42 -0.51 0.00 | 24.51 -0.44 0.00 | 21.02 -0.53 0.00 | 19.72 -0.62 0.00 | 19.10 -0.37 0.00 | 20.19 -0.39 0.00 | 20.04 -0.39 0.00 | 25.44 -0.62 0.00 | 24.63 -0.77 0.00 | 21.70 -0.69 0.00 | 23.14 -0.77 0.00 | 18.81 -0.69 0.00 | 18.16 -0.66 -0.30 | 20.81 -0.65 -1.70 |
| OSWEGO___5 23606 | 18.40 -0.74 0.00 | 17.71 -0.73 0.00 | 17.75 -0.73 0.00 | 17.28 -0.73 0.00 | 18.19 -0.76 0.00 | 18.64 -0.72 0.00 | 19.48 -0.73 0.00 | 28.16 -1.04 0.00 | 21.98 -0.86 0.00 | 19.54 -0.77 0.00 | 20.12 -0.80 0.00 | 23.93 -1.03 0.00 | 20.69 -0.85 0.00 | 19.56 -0.78 0.00 | 18.70 -0.77 0.00 | 19.77 -0.82 0.00 | 19.70 -0.73 0.00 | 25.18 -0.87 0.00 | 24.57 -0.83 0.00 | 21.59 -0.80 0.00 | 22.95 -0.97 0.00 | 18.74 -0.76 0.00 | 17.82 -0.69 0.00 | 19.06 -0.70 0.00 |
| OSWEGO___6 23613 | 18.40 -0.74 0.00 | 17.71 -0.73 0.00 | 17.75 -0.73 0.00 | 17.28 -0.73 0.00 | 18.19 -0.76 0.00 | 18.64 -0.72 0.00 | 19.48 -0.73 0.00 | 28.16 -1.04 0.00 | 21.98 -0.86 0.00 | 19.54 -0.77 0.00 | 20.12 -0.80 0.00 | 23.93 -1.03 0.00 | 20.69 -0.85 0.00 | 19.56 -0.78 0.00 | 18.70 -0.77 0.00 | 19.77 -0.82 0.00 | 19.70 -0.73 0.00 | 25.18 -0.87 0.00 | 24.57 -0.83 0.00 | 21.59 -0.80 0.00 | 22.95 -0.97 0.00 | 18.74 -0.76 0.00 | 17.82 -0.69 0.00 | 19.06 -0.70 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 13.71 -1.61 3.82 | 13.55 -1.71 3.17 | 13.33 -1.68 3.48 | 15.45 -1.74 0.82 | 14.11 -1.79 3.04 | 11.70 -1.48 6.17 | 18.56 -1.62 0.04 | 8.65 -2.52 18.04 | 14.90 -2.15 5.79 | 18.49 -1.81 0.02 | 19.01 -1.91 0.00 | 22.83 -2.12 0.00 | 19.85 -1.69 0.00 | 18.70 -1.64 0.00 | 17.63 -1.84 0.00 | 18.63 -1.95 0.00 | 18.72 -1.70 0.00 | 23.90 -2.15 0.00 | 23.40 -2.00 0.00 | 20.44 -1.95 0.00 | 21.46 -2.45 0.00 | 17.49 -2.01 0.00 | 16.50 -1.90 0.11 | 17.83 -1.93 0.00 |
| OXBOW___BTM 323836 | 13.58 -1.81 3.77 | 13.43 -1.89 3.12 | 13.21 -1.85 3.43 | 15.30 -1.91 0.81 | 13.75 -1.99 3.21 | 11.12 -1.71 6.52 | 18.30 -1.88 0.04 | 7.07 -3.06 19.07 | 14.19 -2.53 6.12 | 18.19 -2.11 0.02 | 18.69 -2.23 0.00 | 22.46 -2.49 0.00 | 19.54 -2.00 0.00 | 18.41 -1.93 0.00 | 17.37 -2.10 0.00 | 18.33 -2.25 0.00 | 18.43 -2.00 0.00 | 23.56 -2.49 0.00 | 23.07 -2.33 0.00 | 20.16 -2.23 0.00 | 21.18 -2.72 0.00 | 17.26 -2.24 0.00 | 16.30 -2.11 0.11 | 17.61 -2.14 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| OXBOW____ 24026 | 13.59 -1.80 3.77 | 13.44 -1.88 3.12 | 13.21 -1.85 3.43 | 15.30 -1.91 0.81 | 13.76 -1.98 3.21 | 11.16 -1.67 6.52 | 18.31 -1.86 0.04 | 7.19 -2.94 19.07 | 14.23 -2.49 6.12 | 18.19 -2.11 0.02 | 18.69 -2.23 0.00 | 22.46 -2.50 0.00 | 19.53 -2.01 0.00 | 18.41 -1.93 0.00 | 17.37 -2.11 0.00 | 18.32 -2.26 0.00 | 18.43 -2.00 0.00 | 23.56 -2.49 0.00 | 23.07 -2.33 0.00 | 20.16 -2.23 0.00 | 21.17 -2.74 0.00 | 17.26 -2.24 0.00 | 16.30 -2.10 0.11 | 17.61 -2.14 0.00 |
| OXY_CHEM_DSASP 323612 | 13.46 -1.98 3.70 | 13.30 -2.07 3.07 | 13.09 -2.03 3.37 | 15.13 -2.08 0.80 | 13.39 -2.17 3.39 | 10.59 -1.88 6.88 | 18.06 -2.12 0.04 | 5.67 -3.41 20.12 | 13.51 -2.87 6.45 | 17.86 -2.43 0.02 | 18.36 -2.56 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.09 -2.25 0.00 | 17.08 -2.39 0.00 | 18.01 -2.57 0.00 | 18.11 -2.32 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.86 -2.53 0.00 | 20.86 -3.05 0.00 | 17.02 -2.48 0.00 | 16.09 -2.32 0.10 | 17.39 -2.36 0.00 |
| OZONE_PARK_ESR 323760 | 20.40 1.25 0.00 | 19.56 1.13 0.00 | 19.64 1.15 0.00 | 19.06 1.05 0.00 | 20.05 1.11 0.00 | 20.64 1.29 0.00 | 21.95 1.74 0.00 | 31.99 2.78 0.00 | 25.02 2.18 0.00 | 22.28 1.96 0.00 | 22.65 1.73 0.00 | 26.62 1.67 0.00 | 22.95 1.41 0.00 | 21.74 1.40 0.00 | 20.81 1.34 0.00 | 22.01 1.43 0.00 | 21.96 1.54 0.00 | 28.29 2.24 0.00 | 27.63 2.23 0.00 | 24.16 1.77 0.00 | 25.64 1.73 0.00 | 20.86 1.36 0.00 | 19.78 1.27 0.00 | 20.93 1.18 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 13.46 -1.98 3.70 | 13.30 -2.07 3.07 | 13.09 -2.03 3.37 | 15.13 -2.08 0.80 | 13.39 -2.17 3.39 | 10.59 -1.88 6.88 | 18.06 -2.12 0.04 | 5.67 -3.41 20.12 | 13.51 -2.87 6.45 | 17.86 -2.43 0.02 | 18.36 -2.56 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.09 -2.25 0.00 | 17.08 -2.39 0.00 | 18.01 -2.57 0.00 | 18.11 -2.32 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.86 -2.53 0.00 | 20.86 -3.05 0.00 | 17.02 -2.48 0.00 | 16.09 -2.32 0.10 | 17.39 -2.36 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 13.46 -1.98 3.70 | 13.30 -2.07 3.07 | 13.09 -2.03 3.37 | 15.13 -2.08 0.80 | 13.39 -2.17 3.39 | 10.59 -1.88 6.88 | 18.06 -2.12 0.04 | 5.67 -3.41 20.12 | 13.51 -2.87 6.45 | 17.86 -2.43 0.02 | 18.36 -2.56 0.00 | 22.06 -2.89 0.00 | 19.20 -2.34 0.00 | 18.09 -2.25 0.00 | 17.08 -2.39 0.00 | 18.01 -2.57 0.00 | 18.11 -2.32 0.00 | 23.19 -2.86 0.00 | 22.69 -2.71 0.00 | 19.86 -2.53 0.00 | 20.86 -3.05 0.00 | 17.02 -2.48 0.00 | 16.09 -2.32 0.10 | 17.39 -2.36 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 20.15 1.00 0.00 | 19.33 0.90 0.00 | 19.40 0.91 0.00 | 18.83 0.81 0.00 | 19.82 0.88 0.00 | 20.41 1.06 0.00 | 21.71 1.50 0.00 | 31.62 2.42 0.00 | 24.72 1.89 0.00 | 21.98 1.66 0.00 | 22.36 1.44 0.00 | 26.27 1.32 0.00 | 22.67 1.13 0.00 | 21.46 1.12 0.00 | 20.55 1.08 0.00 | 21.71 1.13 0.00 | 21.67 1.24 0.00 | 27.92 1.86 0.00 | 27.23 1.83 0.00 | 23.82 1.42 0.00 | 25.29 1.38 0.00 | 20.59 1.09 0.00 | 19.53 1.02 0.00 | 20.65 0.89 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.46 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.96 0.00 | 20.50 1.15 0.00 | 21.81 1.60 0.00 | 31.78 2.58 0.00 | 24.82 1.99 0.00 | 22.06 1.75 0.00 | 22.43 1.51 0.00 | 26.31 1.36 0.00 | 22.69 1.15 0.00 | 21.47 1.14 0.00 | 20.58 1.11 0.00 | 21.75 1.17 0.00 | 21.71 1.29 0.00 | 28.02 1.96 0.00 | 27.31 1.91 0.00 | 23.90 1.51 0.00 | 25.36 1.45 0.00 | 20.64 1.14 0.00 | 19.59 1.08 0.00 | 20.69 0.93 0.00 |
| PATROON__115KV_TB1 80586 | 19.80 0.66 0.00 | 19.07 0.63 0.00 | 19.11 0.63 0.00 | 18.66 0.64 0.00 | 19.60 0.66 0.00 | 20.05 0.70 0.00 | 21.08 0.87 0.00 | 30.30 1.10 0.00 | 23.74 0.90 0.00 | 21.05 0.73 0.00 | 21.45 0.53 0.00 | 25.49 0.53 0.00 | 21.91 0.37 0.00 | 20.67 0.33 0.00 | 19.80 0.33 0.00 | 20.97 0.39 0.00 | 20.96 0.54 0.00 | 26.95 0.90 0.00 | 26.25 0.85 0.00 | 23.02 0.62 0.00 | 24.52 0.61 0.00 | 20.03 0.53 0.00 | 19.12 0.61 0.00 | 20.45 0.69 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 19.84 0.69 0.00 | 19.08 0.64 0.00 | 19.14 0.65 0.00 | 18.65 0.64 0.00 | 19.62 0.68 0.00 | 20.12 0.76 0.00 | 21.14 0.93 0.00 | 30.63 1.42 0.00 | 23.93 1.09 0.00 | 21.19 0.87 0.00 | 21.63 0.70 0.00 | 25.79 0.84 0.00 | 22.22 0.68 0.00 | 20.99 0.65 0.00 | 20.06 0.59 0.00 | 21.25 0.66 0.00 | 21.21 0.78 0.00 | 27.27 1.21 0.00 | 26.58 1.18 0.00 | 23.35 0.96 0.00 | 24.85 0.94 0.00 | 20.25 0.75 0.00 | 19.19 0.68 0.00 | 20.44 0.69 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 13.35 -1.33 4.48 | 13.31 -1.42 3.71 | 13.00 -1.41 4.07 | 15.59 -1.46 0.97 | 14.47 -1.47 3.00 | 12.24 -1.03 6.09 | 19.25 -0.92 0.03 | 10.14 -1.25 17.82 | 16.03 -1.09 5.71 | 19.42 -0.87 0.02 | 19.98 -0.94 0.00 | 24.02 -0.94 0.00 | 20.80 -0.74 0.00 | 19.59 -0.74 0.00 | 18.54 -0.93 0.00 | 19.64 -0.94 0.00 | 19.70 -0.72 0.00 | 24.61 -1.44 0.00 | 24.10 -1.30 0.00 | 21.03 -1.36 0.00 | 22.09 -1.82 0.00 | 17.96 -1.54 0.00 | 17.00 -1.39 0.12 | 18.39 -1.37 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 20.30 1.15 0.00 | 19.50 1.06 0.00 | 19.56 1.07 0.00 | 19.02 1.00 0.00 | 20.03 1.09 0.00 | 20.60 1.25 0.00 | 21.81 1.60 0.00 | 31.70 2.50 0.00 | 24.76 1.92 0.00 | 22.00 1.68 0.00 | 22.37 1.45 0.00 | 26.37 1.42 0.00 | 22.73 1.19 0.00 | 21.49 1.15 0.00 | 20.61 1.13 0.00 | 21.83 1.25 0.00 | 21.80 1.38 0.00 | 28.11 2.05 0.00 | 27.44 2.04 0.00 | 24.02 1.63 0.00 | 25.50 1.59 0.00 | 20.76 1.26 0.00 | 19.67 1.16 0.00 | 20.87 1.11 0.00 |
| PEEKSKILL____ 23653 | 20.13 0.99 0.00 | 19.33 0.89 0.00 | 19.40 0.91 0.00 | 18.84 0.83 0.00 | 19.85 0.91 0.00 | 20.42 1.08 0.00 | 21.62 1.41 0.00 | 31.47 2.27 0.00 | 24.57 1.73 0.00 | 21.84 1.52 0.00 | 22.22 1.29 0.00 | 26.17 1.21 0.00 | 22.55 1.00 0.00 | 21.32 0.98 0.00 | 20.40 0.93 0.00 | 21.59 1.01 0.00 | 21.55 1.12 0.00 | 27.77 1.72 0.00 | 27.11 1.71 0.00 | 23.73 1.33 0.00 | 25.20 1.29 0.00 | 20.52 1.02 0.00 | 19.45 0.94 0.00 | 20.65 0.89 0.00 |
| PGE MADISON__WINDPWR 24146 | 26.18 0.34 -6.70 | 24.58 0.59 -5.55 | 24.81 0.41 -5.92 | 19.85 0.39 -1.45 | 19.29 0.61 0.26 | 19.46 0.63 0.53 | 21.14 0.93 0.00 | 29.25 1.60 1.55 | 23.61 1.28 0.50 | 21.44 1.13 0.00 | 21.99 1.07 0.00 | 26.20 1.25 0.00 | 22.60 1.06 0.00 | 21.40 1.06 0.00 | 20.42 0.95 0.00 | 21.82 1.24 0.00 | 21.86 1.44 0.00 | 27.86 1.80 0.00 | 27.09 1.69 0.00 | 23.53 1.14 0.00 | 24.96 1.05 0.00 | 20.16 0.66 0.00 | 19.36 0.63 -0.22 | 20.43 0.67 0.00 |
| PIERCEFIELD__HYD 23852 | 18.64 -0.51 0.00 | 18.09 -0.34 0.00 | 18.12 -0.37 0.00 | 17.69 -0.32 0.00 | 18.62 -0.33 0.00 | 18.84 -0.52 0.00 | 19.55 -0.66 0.00 | 28.32 -0.89 0.00 | 22.44 -0.40 0.00 | 20.02 -0.30 0.00 | 20.71 -0.21 0.00 | 24.87 -0.08 0.00 | 21.33 -0.21 0.00 | 19.99 -0.35 0.00 | 19.27 -0.20 0.00 | 20.34 -0.24 0.00 | 20.08 -0.34 0.00 | 25.35 -0.70 0.00 | 24.60 -0.80 0.00 | 21.80 -0.60 0.00 | 23.40 -0.51 0.00 | 19.04 -0.46 0.00 | 18.52 -0.43 -0.44 | 21.97 -0.29 -2.51 |
| PINELAWN_CC_1 323563 | 20.68 1.54 0.00 | 19.83 1.39 0.00 | 19.87 1.39 0.00 | 19.29 1.27 0.00 | 20.28 1.33 0.00 | 20.88 1.53 0.00 | 34.27 1.88 -12.18 | 70.00 2.92 -37.87 | 57.70 2.24 -32.62 | 23.10 1.93 -0.85 | 70.16 1.73 -47.51 | 26.48 1.53 0.00 | 22.77 1.23 0.00 | 36.38 1.29 -14.75 | 33.29 1.29 -12.52 | 33.22 1.42 -11.22 | 70.32 1.58 -48.32 | 54.80 2.29 -26.46 | 33.90 2.31 -6.19 | 24.28 1.88 0.00 | 25.87 1.96 0.00 | 21.46 1.61 -0.35 | 20.15 1.46 -0.18 | 21.24 1.43 -0.06 |

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| PJM_GEN_HTP_PROXY 323702 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.94 0.00 | 20.47 1.12 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.76 1.92 0.00 | 22.05 1.73 0.00 | 20.18 1.50 2.24 | 28.66 1.39 -2.32 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.13 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 28.00 1.94 0.00 | 27.33 1.93 0.00 | 23.89 1.50 0.00 | 25.37 1.46 0.00 | 20.65 1.15 0.00 | 19.57 1.06 0.00 | 20.73 0.97 0.00 |
| PJM_GEN_KEystone 24065 | 15.79 -0.35 3.01 | 15.55 -0.40 2.49 | 15.37 -0.38 2.74 | 16.94 -0.43 0.65 | 17.22 -0.37 1.35 | 16.41 -0.19 2.74 | 20.14 -0.05 0.01 | 21.20 0.02 8.03 | 20.20 -0.07 2.57 | 20.28 -0.03 0.01 | 18.46 -0.22 2.24 | 26.93 -0.34 -2.32 | 21.24 -0.31 0.00 | 20.08 -0.26 0.00 | 19.11 -0.37 0.00 | 20.25 -0.33 0.00 | 20.24 -0.18 0.00 | 25.88 -0.17 0.00 | 25.31 -0.09 0.00 | 22.12 -0.27 0.00 | 23.35 -0.56 0.00 | 18.99 -0.51 0.00 | 17.98 -0.45 0.08 | 19.27 -0.48 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 20.41 1.26 0.00 | 19.58 1.15 0.00 | 19.63 1.15 0.00 | 19.06 1.05 0.00 | 20.05 1.11 0.00 | 20.63 1.28 0.00 | 31.11 1.61 -9.29 | 60.60 2.52 -28.87 | 49.64 1.93 -24.87 | 22.65 1.69 -0.65 | 56.38 1.48 -33.98 | 28.59 1.32 -2.32 | 22.65 1.10 0.00 | 32.73 1.15 -11.24 | 30.14 1.14 -9.53 | 30.35 1.23 -8.54 | 58.49 1.33 -36.73 | 48.12 1.95 -20.11 | 32.06 1.95 -4.70 | 23.98 1.58 0.00 | 25.54 1.62 0.00 | 21.17 1.32 -0.35 | 19.89 1.21 -0.18 | 20.99 1.17 -0.06 |
| PJM_GEN_VFT_PROXY 323633 | 20.14 0.99 0.00 | 19.33 0.89 0.00 | 19.40 0.92 0.00 | 18.83 0.82 0.00 | 19.82 0.87 0.00 | 20.39 1.04 0.00 | 21.66 1.45 0.00 | 31.56 2.35 0.00 | 24.66 1.82 0.00 | 21.96 1.65 0.00 | 20.09 1.41 2.24 | 28.55 1.28 -2.32 | 22.64 1.09 0.00 | 21.44 1.10 0.00 | 20.54 1.07 0.00 | 21.72 1.13 0.00 | 21.65 1.22 0.00 | 27.88 1.82 0.00 | 27.22 1.82 0.00 | 23.80 1.41 0.00 | 25.29 1.38 0.00 | 20.58 1.08 0.00 | 19.52 1.01 0.00 | 20.67 0.91 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 19.07 -0.07 0.00 | 18.33 -0.11 0.00 | 18.34 -0.15 0.00 | 18.01 -0.01 0.00 | 19.07 0.13 0.00 | 19.32 -0.04 0.00 | 20.09 -0.12 0.00 | 28.76 -0.44 0.00 | 22.72 -0.12 0.00 | 20.25 -0.07 0.00 | 20.86 -0.06 0.00 | 25.32 0.36 0.00 | 21.95 0.40 0.00 | 20.52 0.18 0.00 | 19.97 0.50 0.00 | 21.15 0.57 0.00 | 20.80 0.38 0.00 | 26.12 0.06 0.00 | 25.20 -0.20 0.00 | 22.08 -0.31 0.00 | 23.72 -0.19 0.00 | 19.18 -0.32 0.00 | 15.16 -0.50 2.86 | 3.34 -0.15 16.26 |
| PLEASANTVLY__LBMP 24000 | 20.05 0.90 0.00 | 19.26 0.82 0.00 | 19.32 0.83 0.00 | 18.79 0.78 0.00 | 19.79 0.84 0.00 | 20.33 0.98 0.00 | 21.48 1.27 0.00 | 31.20 1.99 0.00 | 24.38 1.54 0.00 | 21.67 1.35 0.00 | 22.06 1.15 0.00 | 26.04 1.09 0.00 | 22.43 0.89 0.00 | 21.21 0.87 0.00 | 20.31 0.84 0.00 | 21.49 0.91 0.00 | 21.47 1.04 0.00 | 27.65 1.60 0.00 | 26.99 1.59 0.00 | 23.63 1.24 0.00 | 25.11 1.20 0.00 | 20.45 0.95 0.00 | 19.39 0.88 0.00 | 20.60 0.84 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 20.15 1.01 0.00 | 19.36 0.92 0.00 | 19.43 0.94 0.00 | 18.88 0.86 0.00 | 19.88 0.93 0.00 | 20.44 1.09 0.00 | 21.65 1.44 0.00 | 31.48 2.28 0.00 | 24.60 1.76 0.00 | 21.88 1.56 0.00 | 22.26 1.34 0.00 | 26.22 1.27 0.00 | 22.60 1.06 0.00 | 21.38 1.04 0.00 | 20.47 0.99 0.00 | 21.66 1.08 0.00 | 21.62 1.19 0.00 | 27.85 1.80 0.00 | 27.19 1.79 0.00 | 23.80 1.40 0.00 | 25.27 1.37 0.00 | 20.59 1.09 0.00 | 19.51 1.00 0.00 | 20.71 0.95 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 20.15 1.01 0.00 | 19.36 0.92 0.00 | 19.43 0.94 0.00 | 18.88 0.86 0.00 | 19.88 0.93 0.00 | 20.44 1.09 0.00 | 21.65 1.44 0.00 | 31.48 2.28 0.00 | 24.60 1.76 0.00 | 21.88 1.56 0.00 | 22.26 1.34 0.00 | 26.22 1.27 0.00 | 22.60 1.06 0.00 | 21.38 1.04 0.00 | 20.47 0.99 0.00 | 21.66 1.08 0.00 | 21.62 1.19 0.00 | 27.85 1.80 0.00 | 27.19 1.79 0.00 | 23.80 1.40 0.00 | 25.27 1.37 0.00 | 20.59 1.09 0.00 | 19.51 1.00 0.00 | 20.71 0.95 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 20.17 1.03 0.00 | 19.38 0.95 0.00 | 19.44 0.95 0.00 | 18.92 0.90 0.00 | 19.92 0.98 0.00 | 20.48 1.13 0.00 | 21.64 1.43 0.00 | 31.44 2.24 0.00 | 24.57 1.73 0.00 | 21.82 1.50 0.00 | 22.17 1.25 0.00 | 26.15 1.20 0.00 | 22.55 1.01 0.00 | 21.34 1.00 0.00 | 20.43 0.95 0.00 | 21.63 1.05 0.00 | 21.65 1.22 0.00 | 27.89 1.84 0.00 | 27.24 1.83 0.00 | 23.85 1.45 0.00 | 25.32 1.41 0.00 | 20.61 1.12 0.00 | 19.54 1.03 0.00 | 20.75 0.99 0.00 |
| POLETTI____ 23519 | 20.18 1.03 0.00 | 19.37 0.93 0.00 | 19.45 0.96 0.00 | 18.88 0.87 0.00 | 19.86 0.92 0.00 | 20.44 1.09 0.00 | 21.71 1.50 0.00 | 31.64 2.43 0.00 | 24.75 1.91 0.00 | 22.04 1.72 0.00 | 22.41 1.49 0.00 | 26.32 1.37 0.00 | 22.72 1.18 0.00 | 21.52 1.18 0.00 | 20.60 1.12 0.00 | 21.77 1.19 0.00 | 21.71 1.29 0.00 | 27.97 1.91 0.00 | 27.29 1.89 0.00 | 23.86 1.47 0.00 | 25.34 1.43 0.00 | 20.63 1.13 0.00 | 19.56 1.05 0.00 | 20.71 0.95 0.00 |
| POMONA____ESR 323819 | 20.11 0.96 0.00 | 19.31 0.87 0.00 | 19.37 0.89 0.00 | 18.82 0.80 0.00 | 19.84 0.89 0.00 | 20.41 1.06 0.00 | 21.61 1.40 0.00 | 31.45 2.25 0.00 | 24.55 1.71 0.00 | 21.81 1.49 0.00 | 22.19 1.27 0.00 | 26.14 1.19 0.00 | 22.52 0.98 0.00 | 21.30 0.96 0.00 | 20.37 0.89 0.00 | 21.56 0.98 0.00 | 21.53 1.11 0.00 | 27.75 1.69 0.00 | 27.09 1.69 0.00 | 23.71 1.31 0.00 | 25.17 1.26 0.00 | 20.49 0.99 0.00 | 19.43 0.92 0.00 | 20.64 0.89 0.00 |
| PORT_JEFF_3 23555 | 21.00 1.86 0.00 | 20.13 1.69 0.00 | 20.17 1.69 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.19 1.84 0.00 | 34.57 2.18 -12.18 | 70.42 3.34 -37.87 | 58.00 2.55 -32.62 | 23.39 2.22 -0.85 | 70.45 2.02 -47.51 | 26.78 1.83 0.00 | 22.96 1.42 0.00 | 36.59 1.50 -14.75 | 33.49 1.49 -12.52 | 33.43 1.62 -11.22 | 70.57 1.83 -48.32 | 55.11 2.59 -26.46 | 34.11 2.52 -6.19 | 24.46 2.07 0.00 | 26.06 2.15 0.00 | 21.61 1.76 -0.35 | 20.25 1.56 -0.18 | 21.37 1.56 -0.06 |
| PORT_JEFF_4 23616 | 21.00 1.86 0.00 | 20.13 1.69 0.00 | 20.17 1.69 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.19 1.84 0.00 | 34.57 2.18 -12.18 | 70.42 3.34 -37.87 | 58.00 2.55 -32.62 | 23.39 2.22 -0.85 | 70.45 2.02 -47.51 | 26.78 1.83 0.00 | 22.96 1.42 0.00 | 36.59 1.50 -14.75 | 33.49 1.49 -12.52 | 33.43 1.62 -11.22 | 70.57 1.83 -48.32 | 55.11 2.59 -26.46 | 34.11 2.52 -6.19 | 24.46 2.07 0.00 | 26.06 2.15 0.00 | 21.61 1.76 -0.35 | 20.25 1.56 -0.18 | 21.37 1.56 -0.06 |
| PORT_JEFF_IC 23713 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.55 0.00 | 20.57 1.62 0.00 | 21.17 1.82 0.00 | 34.56 2.17 -12.18 | 70.41 3.33 -37.87 | 57.99 2.53 -32.62 | 23.37 2.21 -0.85 | 70.44 2.00 -47.51 | 26.78 1.82 0.00 | 22.95 1.41 0.00 | 36.58 1.49 -14.75 | 33.47 1.48 -12.52 | 33.41 1.61 -11.22 | 70.55 1.81 -48.32 | 55.09 2.58 -26.46 | 34.09 2.50 -6.19 | 24.45 2.06 0.00 | 26.04 2.13 0.00 | 21.59 1.74 -0.35 | 20.23 1.54 -0.18 | 21.38 1.56 -0.06 |
| PPL PILGRIM_ST_GT1 24216 | 20.85 1.70 0.00 | 19.99 1.56 0.00 | 20.04 1.55 0.00 | 19.45 1.44 0.00 | 20.45 1.50 0.00 | 21.05 1.70 0.00 | 34.44 2.05 -12.18 | 70.23 3.16 -37.87 | 57.85 2.39 -32.62 | 23.23 2.06 -0.85 | 70.30 1.87 -47.51 | 26.66 1.70 0.00 | 22.91 1.37 0.00 | 36.52 1.44 -14.75 | 33.42 1.42 -12.52 | 33.36 1.55 -11.22 | 70.44 1.70 -48.32 | 54.94 2.43 -26.46 | 33.99 2.41 -6.19 | 24.44 2.05 0.00 | 26.09 2.18 0.00 | 21.66 1.81 -0.35 | 20.30 1.62 -0.18 | 21.41 1.59 -0.06 |

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| PPL PILGRIM_ST_GT2 24217 | 20.85 1.70 0.00 | 19.99 1.56 0.00 | 20.04 1.55 0.00 | 19.45 1.44 0.00 | 20.45 1.50 0.00 | 21.05 1.70 0.00 | 34.44 2.05 -12.18 | 70.23 3.16 -37.87 | 57.85 2.39 -32.62 | 23.23 2.06 -0.85 | 70.30 1.87 -47.51 | 26.66 1.70 0.00 | 22.91 1.37 0.00 | 36.52 1.44 -14.75 | 33.42 1.42 -12.52 | 33.36 1.55 -11.22 | 70.44 1.70 -48.32 | 54.94 2.43 -26.46 | 33.99 2.41 -6.19 | 24.44 2.05 0.00 | 26.09 2.18 0.00 | 21.66 1.81 -0.35 | 20.30 1.62 -0.18 | 21.41 1.59 -0.06 |
| PPL_SHRM_GT3 24213 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.17 1.68 0.00 | 19.57 1.56 0.00 | 20.58 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.12 -0.85 | 70.36 1.93 -47.51 | 26.68 1.73 0.00 | 22.86 1.32 0.00 | 36.50 1.42 -14.75 | 33.36 1.37 -12.52 | 33.24 1.43 -11.22 | 70.39 1.65 -48.32 | 54.91 2.40 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.17 2.26 0.00 | 21.77 1.93 -0.35 | 20.35 1.66 -0.18 | 21.39 1.58 -0.06 |
| PPL_SHRM_GT4 24214 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.17 1.68 0.00 | 19.57 1.56 0.00 | 20.58 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.12 -0.85 | 70.36 1.93 -47.51 | 26.68 1.73 0.00 | 22.86 1.32 0.00 | 36.50 1.42 -14.75 | 33.36 1.37 -12.52 | 33.24 1.43 -11.22 | 70.39 1.65 -48.32 | 54.91 2.40 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.17 2.26 0.00 | 21.77 1.93 -0.35 | 20.35 1.66 -0.18 | 21.39 1.58 -0.06 |
| PROJECT___ORANGE 1 24174 | 18.55 -0.59 0.00 | 17.84 -0.60 0.00 | 17.88 -0.61 0.00 | 17.40 -0.61 0.00 | 18.33 -0.61 0.00 | 18.82 -0.53 0.00 | 19.70 -0.52 0.00 | 28.49 -0.72 0.00 | 22.22 -0.62 0.00 | 19.75 -0.57 0.00 | 20.31 -0.61 0.00 | 24.14 -0.81 0.00 | 20.89 -0.66 0.00 | 19.74 -0.60 0.00 | 18.86 -0.61 0.00 | 19.95 -0.63 0.00 | 19.90 -0.52 0.00 | 25.47 -0.58 0.00 | 24.86 -0.55 0.00 | 21.82 -0.57 0.00 | 23.14 -0.77 0.00 | 18.89 -0.61 0.00 | 17.95 -0.56 0.00 | 19.20 -0.56 0.00 |
| PROJECT___ORANGE 2 24166 | 18.55 -0.59 0.00 | 17.84 -0.60 0.00 | 17.88 -0.61 0.00 | 17.40 -0.61 0.00 | 18.33 -0.61 0.00 | 18.82 -0.53 0.00 | 19.70 -0.52 0.00 | 28.49 -0.72 0.00 | 22.22 -0.62 0.00 | 19.75 -0.57 0.00 | 20.31 -0.61 0.00 | 24.14 -0.81 0.00 | 20.89 -0.66 0.00 | 19.74 -0.60 0.00 | 18.86 -0.61 0.00 | 19.95 -0.63 0.00 | 19.90 -0.52 0.00 | 25.47 -0.58 0.00 | 24.86 -0.55 0.00 | 21.82 -0.57 0.00 | 23.14 -0.77 0.00 | 18.89 -0.61 0.00 | 17.95 -0.56 0.00 | 19.20 -0.56 0.00 |
| PUCKETT___SOLAR 323809 | 19.03 -0.12 0.00 | 18.44 0.01 0.00 | 18.41 -0.07 0.00 | 17.93 -0.08 0.00 | 18.62 0.02 0.34 | 18.70 0.04 0.69 | 20.41 0.21 0.00 | 27.60 0.42 2.02 | 22.50 0.31 0.65 | 20.58 0.27 0.00 | 21.03 0.11 0.00 | 25.08 0.13 0.00 | 21.52 -0.02 0.00 | 20.33 -0.01 0.00 | 19.43 -0.05 0.00 | 20.67 0.09 0.00 | 20.66 0.23 0.00 | 26.46 0.40 0.00 | 25.81 0.41 0.00 | 22.56 0.16 0.00 | 23.90 -0.01 0.00 | 19.41 -0.10 0.00 | 18.44 -0.07 0.00 | 19.69 -0.07 0.00 |
| PYRITES___HYD 24023 | 19.18 0.03 0.00 | 18.59 0.16 0.00 | 18.62 0.14 0.00 | 18.17 0.16 0.00 | 19.12 0.18 0.00 | 19.35 0.00 0.00 | 20.12 -0.10 0.00 | 29.11 -0.09 0.00 | 22.99 0.14 0.00 | 20.38 0.06 0.00 | 21.09 0.16 0.00 | 25.37 0.42 0.00 | 21.89 0.35 0.00 | 20.53 0.19 0.00 | 19.78 0.31 0.00 | 20.88 0.30 0.00 | 20.70 0.27 0.00 | 26.12 0.07 0.00 | 25.39 -0.01 0.00 | 22.46 0.07 0.00 | 24.14 0.22 0.00 | 19.65 0.15 0.00 | 18.99 0.08 -0.39 | 22.21 0.22 -2.24 |
| QUAKERRD_115KV_BK1 80622 | 15.35 -1.36 2.44 | 15.03 -1.38 2.02 | 14.90 -1.37 2.22 | 16.11 -1.38 0.53 | 17.77 -1.41 -0.24 | 18.57 -1.26 -0.48 | 18.84 -1.37 0.00 | 28.59 -2.03 -1.41 | 21.57 -1.72 -0.45 | 18.80 -1.51 0.00 | 19.35 -1.57 0.00 | 23.09 -1.86 0.00 | 20.01 -1.53 0.00 | 18.88 -1.45 0.00 | 17.96 -1.52 0.00 | 18.94 -1.64 0.00 | 18.99 -1.43 0.00 | 24.42 -1.64 0.00 | 23.84 -1.56 0.00 | 20.90 -1.49 0.00 | 22.09 -1.82 0.00 | 18.00 -1.50 0.00 | 17.02 -1.42 0.07 | 18.29 -1.47 0.00 |
| QUENSBRY_115KV_TB8 356137 | 20.08 0.93 0.00 | 19.28 0.84 0.00 | 19.34 0.86 0.00 | 18.87 0.85 0.00 | 19.90 0.95 0.00 | 20.42 1.07 0.00 | 21.68 1.47 0.00 | 31.49 2.29 0.00 | 24.59 1.75 0.00 | 21.67 1.35 0.00 | 21.98 1.06 0.00 | 26.15 1.20 0.00 | 22.42 0.87 0.00 | 21.15 0.81 0.00 | 20.37 0.90 0.00 | 21.61 1.02 0.00 | 21.70 1.28 0.00 | 28.01 1.95 0.00 | 27.28 1.88 0.00 | 23.90 1.51 0.00 | 25.35 1.44 0.00 | 20.59 1.09 0.00 | 19.46 0.95 0.00 | 20.65 0.89 0.00 |
| RAMAPO___LBMP 323565 | 20.03 0.89 0.00 | 19.24 0.80 0.00 | 19.31 0.83 0.00 | 18.75 0.74 0.00 | 19.77 0.83 0.00 | 20.34 0.99 0.00 | 21.53 1.31 0.00 | 31.32 2.11 0.00 | 24.44 1.60 0.00 | 21.72 1.40 0.00 | 22.09 1.17 0.00 | 26.04 1.08 0.00 | 22.43 0.89 0.00 | 21.21 0.87 0.00 | 20.28 0.81 0.00 | 21.47 0.89 0.00 | 21.44 1.01 0.00 | 27.63 1.58 0.00 | 26.98 1.58 0.00 | 23.61 1.22 0.00 | 25.07 1.16 0.00 | 20.41 0.91 0.00 | 19.35 0.84 0.00 | 20.55 0.79 0.00 |
| RANKINE____ 23646 | 13.35 -1.57 4.23 | 13.28 -1.66 3.50 | 13.01 -1.63 3.85 | 15.44 -1.66 0.91 | 14.13 -1.70 3.11 | 11.68 -1.37 6.31 | 18.77 -1.41 0.04 | 8.66 -2.08 18.46 | 15.14 -1.77 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.69 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.95 -1.53 0.00 | 18.98 -1.60 0.00 | 19.07 -1.35 0.00 | 24.17 -1.88 0.00 | 23.70 -1.70 0.00 | 20.67 -1.73 0.00 | 21.70 -2.20 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| RAVENSWOOD_GT2_1 24244 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.99 0.00 | 18.91 0.90 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.68 2.48 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD_GT2_2 24245 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.47 0.99 0.00 | 18.91 0.90 0.00 | 19.89 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.68 2.48 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.65 1.16 0.00 | 19.58 1.07 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD_GT2_3 24246 | 20.23 1.08 0.00 | 19.41 0.98 0.00 | 19.48 1.00 0.00 | 18.92 0.90 0.00 | 19.91 0.96 0.00 | 20.49 1.14 0.00 | 21.76 1.55 0.00 | 31.69 2.49 0.00 | 24.79 1.95 0.00 | 22.07 1.76 0.00 | 22.44 1.52 0.00 | 26.38 1.43 0.00 | 22.76 1.22 0.00 | 21.54 1.21 0.00 | 20.64 1.16 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.96 0.00 | 23.92 1.53 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT2_4 24247 | 20.23 1.08 0.00 | 19.41 0.98 0.00 | 19.48 1.00 0.00 | 18.92 0.90 0.00 | 19.91 0.96 0.00 | 20.49 1.14 0.00 | 21.76 1.55 0.00 | 31.69 2.49 0.00 | 24.79 1.95 0.00 | 22.07 1.76 0.00 | 22.44 1.52 0.00 | 26.38 1.43 0.00 | 22.76 1.22 0.00 | 21.54 1.21 0.00 | 20.64 1.16 0.00 | 21.81 1.23 0.00 | 21.76 1.33 0.00 | 28.03 1.98 0.00 | 27.36 1.96 0.00 | 23.92 1.53 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.75 0.99 0.00 |

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| RAVENSWOOD_GT3_1 24248 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.94 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD_GT3_2 24249 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.94 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD_GT3_3 24250 | 20.24 1.09 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.94 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.96 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT3_4 24251 | 20.24 1.09 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.94 0.00 | 22.06 1.75 0.00 | 22.44 1.52 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.96 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_1 23729 | 20.25 1.11 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.93 0.92 0.00 | 19.93 0.98 0.00 | 20.52 1.16 0.00 | 21.81 1.60 0.00 | 31.77 2.57 0.00 | 24.85 2.01 0.00 | 22.13 1.81 0.00 | 22.51 1.58 0.00 | 26.45 1.50 0.00 | 22.82 1.27 0.00 | 21.60 1.27 0.00 | 20.70 1.23 0.00 | 21.86 1.28 0.00 | 21.81 1.38 0.00 | 28.09 2.04 0.00 | 27.41 2.01 0.00 | 23.96 1.57 0.00 | 25.43 1.52 0.00 | 20.69 1.19 0.00 | 19.62 1.11 0.00 | 20.77 1.01 0.00 |
| RAVENSWOOD_GT_10 24258 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_11 24259 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_4 24252 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.67 2.47 0.00 | 24.76 1.93 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.53 1.19 0.00 | 20.61 1.14 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.08 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_5 24254 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.67 2.47 0.00 | 24.76 1.93 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.53 1.19 0.00 | 20.61 1.14 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.08 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_6 24253 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.67 2.47 0.00 | 24.76 1.93 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.53 1.19 0.00 | 20.61 1.14 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.08 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_7 24255 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.67 2.47 0.00 | 24.76 1.93 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.36 1.40 0.00 | 22.74 1.20 0.00 | 21.53 1.19 0.00 | 20.61 1.14 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.08 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD_GT_9 24257 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.48 1.13 0.00 | 21.75 1.54 0.00 | 31.69 2.49 0.00 | 24.77 1.93 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.53 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.74 1.32 0.00 | 28.01 1.95 0.00 | 27.34 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.47 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.75 0.99 0.00 |
| RAVENSWOOD___1 23533 | 20.23 1.09 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.90 0.00 | 19.91 0.96 0.00 | 20.50 1.14 0.00 | 21.79 1.57 0.00 | 31.75 2.55 0.00 | 24.82 1.98 0.00 | 22.10 1.78 0.00 | 22.47 1.55 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.57 1.24 0.00 | 20.66 1.19 0.00 | 21.82 1.24 0.00 | 21.77 1.34 0.00 | 28.04 1.99 0.00 | 27.37 1.97 0.00 | 23.92 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD___2 23534 | 20.23 1.09 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.90 0.00 | 19.91 0.96 0.00 | 20.50 1.14 0.00 | 21.79 1.57 0.00 | 31.75 2.55 0.00 | 24.82 1.98 0.00 | 22.10 1.78 0.00 | 22.47 1.55 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.57 1.24 0.00 | 20.66 1.19 0.00 | 21.82 1.24 0.00 | 21.77 1.34 0.00 | 28.04 1.99 0.00 | 27.37 1.97 0.00 | 23.92 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.74 0.99 0.00 |

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| RAVENSWOOD___3 23535 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.48 0.99 0.00 | 18.91 0.90 0.00 | 19.90 0.95 0.00 | 20.49 1.13 0.00 | 21.76 1.54 0.00 | 31.70 2.50 0.00 | 24.78 1.94 0.00 | 22.06 1.74 0.00 | 22.43 1.51 0.00 | 26.36 1.41 0.00 | 22.74 1.20 0.00 | 21.54 1.20 0.00 | 20.62 1.15 0.00 | 21.80 1.22 0.00 | 21.75 1.32 0.00 | 28.01 1.96 0.00 | 27.35 1.94 0.00 | 23.90 1.51 0.00 | 25.38 1.48 0.00 | 20.66 1.16 0.00 | 19.58 1.07 0.00 | 20.74 0.99 0.00 |
| RAVENSWOOD___4 23820 | 20.23 1.09 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.90 0.00 | 19.91 0.96 0.00 | 20.50 1.14 0.00 | 21.79 1.57 0.00 | 31.75 2.55 0.00 | 24.82 1.98 0.00 | 22.10 1.78 0.00 | 22.47 1.55 0.00 | 26.40 1.45 0.00 | 22.78 1.24 0.00 | 21.57 1.24 0.00 | 20.66 1.19 0.00 | 21.82 1.24 0.00 | 21.77 1.34 0.00 | 28.04 1.99 0.00 | 27.37 1.97 0.00 | 23.92 1.53 0.00 | 25.40 1.49 0.00 | 20.67 1.17 0.00 | 19.59 1.08 0.00 | 20.74 0.99 0.00 |
| RCPL_TRUST___DRP 24196 | 20.23 1.08 0.00 | 19.41 0.97 0.00 | 19.48 1.00 0.00 | 18.91 0.90 0.00 | 19.90 0.96 0.00 | 20.49 1.13 0.00 | 21.77 1.56 0.00 | 31.72 2.52 0.00 | 24.79 1.96 0.00 | 22.09 1.78 0.00 | 22.46 1.54 0.00 | 26.39 1.44 0.00 | 22.77 1.23 0.00 | 21.56 1.22 0.00 | 20.65 1.18 0.00 | 21.83 1.25 0.00 | 21.78 1.35 0.00 | 28.05 2.00 0.00 | 27.38 1.98 0.00 | 23.93 1.54 0.00 | 25.41 1.50 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.75 1.00 0.00 |
| RED___ROCHESTER 323720 | 15.50 -0.99 2.66 | 15.18 -1.05 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.04 -1.08 -0.17 | 18.81 -0.90 -0.35 | 19.23 -0.99 0.00 | 28.69 -1.57 -1.06 | 21.82 -1.36 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.38 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.32 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.14 0.00 |
| REGAN___SOLAR 323812 | 20.77 1.62 0.00 | 19.98 1.54 0.00 | 20.02 1.54 0.00 | 19.49 1.47 0.00 | 20.52 1.58 0.00 | 21.18 1.83 0.00 | 22.27 2.06 0.00 | 32.33 3.12 0.00 | 25.19 2.35 0.00 | 21.85 1.53 0.00 | 21.77 0.85 0.00 | 26.64 1.69 0.00 | 23.14 1.60 0.00 | 21.79 1.45 0.00 | 20.58 1.11 0.00 | 21.88 1.30 0.00 | 22.08 1.66 0.00 | 28.88 2.83 0.00 | 28.21 2.81 0.00 | 24.78 2.39 0.00 | 26.32 2.41 0.00 | 21.44 1.94 0.00 | 20.23 1.72 0.00 | 21.52 1.76 0.00 |
| RENSSELAER___COGEN 23796 | 19.74 0.59 0.00 | 19.00 0.57 0.00 | 19.05 0.57 0.00 | 18.59 0.58 0.00 | 19.53 0.59 0.00 | 19.98 0.63 0.00 | 21.00 0.78 0.00 | 30.19 0.98 0.00 | 23.63 0.79 0.00 | 20.95 0.64 0.00 | 21.35 0.43 0.00 | 25.35 0.40 0.00 | 21.80 0.26 0.00 | 20.56 0.22 0.00 | 19.70 0.23 0.00 | 20.85 0.27 0.00 | 20.85 0.42 0.00 | 26.81 0.75 0.00 | 26.11 0.71 0.00 | 22.90 0.51 0.00 | 24.41 0.50 0.00 | 19.94 0.44 0.00 | 19.05 0.53 0.00 | 20.37 0.62 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 20.49 1.34 0.00 | 19.64 1.20 0.00 | 19.74 1.26 0.00 | 19.28 1.27 0.00 | 20.38 1.44 0.00 | 20.98 1.63 0.00 | 22.52 2.31 0.00 | 32.88 3.68 0.00 | 25.62 2.78 0.00 | 22.53 2.21 0.00 | 22.70 1.78 0.00 | 26.90 1.95 0.00 | 22.96 1.42 0.00 | 21.60 1.27 0.00 | 20.99 1.52 0.00 | 22.29 1.71 0.00 | 22.66 2.23 0.00 | 29.27 3.22 0.00 | 28.47 3.07 0.00 | 24.87 2.48 0.00 | 26.17 2.26 0.00 | 21.18 1.68 0.00 | 19.93 1.43 0.00 | 21.07 1.31 0.00 |
| REVERE_CPPR_DRP 24186 | 19.49 0.34 0.00 | 18.78 0.34 0.00 | 18.79 0.30 0.00 | 18.30 0.29 0.00 | 19.31 0.36 0.00 | 19.82 0.46 0.00 | 20.83 0.62 0.00 | 30.15 0.94 0.00 | 23.54 0.70 0.00 | 20.88 0.57 0.00 | 21.45 0.53 0.00 | 25.54 0.59 0.00 | 22.01 0.46 0.00 | 20.71 0.37 0.00 | 19.92 0.45 0.00 | 20.99 0.41 0.00 | 20.99 0.57 0.00 | 26.96 0.91 0.00 | 26.26 0.86 0.00 | 23.05 0.66 0.00 | 24.48 0.57 0.00 | 19.92 0.42 0.00 | 18.86 0.36 0.00 | 20.05 0.30 0.00 |
| REYNOLDS_115KV_TB3 80639 | 19.83 0.68 0.00 | 19.09 0.65 0.00 | 19.14 0.65 0.00 | 18.68 0.66 0.00 | 19.63 0.69 0.00 | 20.08 0.72 0.00 | 21.12 0.91 0.00 | 30.44 1.23 0.00 | 23.81 0.97 0.00 | 21.13 0.81 0.00 | 21.55 0.63 0.00 | 25.59 0.63 0.00 | 22.01 0.46 0.00 | 20.75 0.41 0.00 | 19.88 0.41 0.00 | 21.03 0.45 0.00 | 21.00 0.58 0.00 | 27.01 0.96 0.00 | 26.31 0.91 0.00 | 23.08 0.69 0.00 | 24.61 0.70 0.00 | 20.10 0.60 0.00 | 19.14 0.63 0.00 | 20.44 0.68 0.00 |
| RIVERBAY____ 323610 | 20.22 1.07 0.00 | 19.40 0.97 0.00 | 19.46 0.98 0.00 | 18.90 0.89 0.00 | 19.90 0.96 0.00 | 20.50 1.15 0.00 | 21.81 1.60 0.00 | 31.78 2.58 0.00 | 24.82 1.99 0.00 | 22.06 1.75 0.00 | 22.43 1.51 0.00 | 26.31 1.36 0.00 | 22.69 1.15 0.00 | 21.47 1.14 0.00 | 20.58 1.11 0.00 | 21.75 1.17 0.00 | 21.71 1.29 0.00 | 28.02 1.96 0.00 | 27.31 1.91 0.00 | 23.90 1.51 0.00 | 25.36 1.45 0.00 | 20.64 1.14 0.00 | 19.59 1.08 0.00 | 20.69 0.93 0.00 |
| RIVERSDE_115KV_TB3 55908 | 19.80 0.65 0.00 | 19.06 0.62 0.00 | 19.11 0.62 0.00 | 18.65 0.64 0.00 | 19.60 0.65 0.00 | 20.04 0.69 0.00 | 21.07 0.86 0.00 | 30.32 1.11 0.00 | 23.73 0.89 0.00 | 21.05 0.74 0.00 | 21.46 0.54 0.00 | 25.48 0.53 0.00 | 21.92 0.37 0.00 | 20.67 0.33 0.00 | 19.80 0.33 0.00 | 20.96 0.38 0.00 | 20.94 0.52 0.00 | 26.93 0.88 0.00 | 26.23 0.83 0.00 | 23.00 0.61 0.00 | 24.52 0.61 0.00 | 20.03 0.53 0.00 | 19.11 0.60 0.00 | 20.42 0.66 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 18.60 -0.54 0.00 | 18.04 -0.40 0.00 | 18.02 -0.47 0.00 | 17.57 -0.44 0.00 | 18.43 -0.51 0.00 | 18.78 -0.57 0.00 | 19.63 -0.58 0.00 | 28.30 -0.91 0.00 | 22.16 -0.68 0.00 | 19.80 -0.52 0.00 | 20.48 -0.45 0.00 | 24.65 -0.30 0.00 | 21.30 -0.24 0.00 | 20.09 -0.24 0.00 | 19.32 -0.15 0.00 | 20.42 -0.16 0.00 | 20.21 -0.21 0.00 | 25.64 -0.41 0.00 | 24.84 -0.57 0.00 | 21.83 -0.57 0.00 | 23.39 -0.52 0.00 | 19.00 -0.50 0.00 | 17.98 -0.53 0.00 | 19.18 -0.58 0.00 |
| ROCHESRG_115KV_T4 355643 | 15.39 -1.15 2.61 | 15.07 -1.20 2.16 | 14.93 -1.19 2.37 | 16.25 -1.21 0.56 | 17.97 -1.23 -0.25 | 18.82 -1.05 -0.52 | 19.04 -1.18 0.00 | 28.94 -1.80 -1.53 | 21.77 -1.56 -0.49 | 18.97 -1.35 0.00 | 19.52 -1.40 0.00 | 23.33 -1.62 0.00 | 20.23 -1.31 0.00 | 19.09 -1.25 0.00 | 18.12 -1.36 0.00 | 19.11 -1.48 0.00 | 19.17 -1.26 0.00 | 24.65 -1.40 0.00 | 24.08 -1.32 0.00 | 21.10 -1.29 0.00 | 22.26 -1.65 0.00 | 18.15 -1.35 0.00 | 17.15 -1.28 0.08 | 18.45 -1.31 0.00 |
| ROCHESTER_9_IC 23652 | 15.43 -1.06 2.66 | 15.12 -1.12 2.21 | 14.96 -1.11 2.42 | 16.31 -1.13 0.58 | 17.98 -1.14 -0.17 | 18.75 -0.95 -0.35 | 19.14 -1.07 0.00 | 28.62 -1.64 -1.06 | 21.74 -1.44 -0.34 | 19.07 -1.25 0.00 | 19.63 -1.29 0.00 | 23.46 -1.49 0.00 | 20.34 -1.20 0.00 | 19.19 -1.15 0.00 | 18.21 -1.26 0.00 | 19.20 -1.38 0.00 | 19.27 -1.15 0.00 | 24.80 -1.26 0.00 | 24.22 -1.18 0.00 | 21.21 -1.18 0.00 | 22.38 -1.53 0.00 | 18.24 -1.26 0.00 | 17.23 -1.20 0.08 | 18.54 -1.22 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 20.25 1.10 0.00 | 19.44 1.00 0.00 | 19.50 1.02 0.00 | 18.94 0.93 0.00 | 19.95 1.01 0.00 | 20.53 1.17 0.00 | 21.75 1.54 0.00 | 31.65 2.44 0.00 | 24.73 1.89 0.00 | 21.99 1.67 0.00 | 22.37 1.45 0.00 | 26.34 1.38 0.00 | 22.70 1.16 0.00 | 21.48 1.14 0.00 | 20.56 1.09 0.00 | 21.75 1.17 0.00 | 21.71 1.28 0.00 | 27.98 1.92 0.00 | 27.32 1.92 0.00 | 23.90 1.51 0.00 | 25.39 1.48 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.79 1.03 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROME____115KV_TB2 80656 | 19.49 0.34 0.00 | 18.78 0.34 0.00 | 18.79 0.30 0.00 | 18.30 0.29 0.00 | 19.31 0.36 0.00 | 19.82 0.46 0.00 | 20.83 0.62 0.00 | 30.15 0.94 0.00 | 23.54 0.70 0.00 | 20.88 0.57 0.00 | 21.45 0.53 0.00 | 25.54 0.59 0.00 | 22.01 0.46 0.00 | 20.71 0.37 0.00 | 19.92 0.45 0.00 | 20.99 0.41 0.00 | 20.99 0.57 0.00 | 26.96 0.91 0.00 | 26.26 0.86 0.00 | 23.05 0.66 0.00 | 24.48 0.57 0.00 | 19.92 0.42 0.00 | 18.86 0.36 0.00 | 20.05 0.30 0.00 |
| ROSETON____1 23587 | 20.01 0.86 0.00 | 19.22 0.79 0.00 | 19.29 0.80 0.00 | 18.75 0.74 0.00 | 19.76 0.81 0.00 | 20.30 0.95 0.00 | 21.44 1.23 0.00 | 31.16 1.96 0.00 | 24.34 1.50 0.00 | 21.63 1.31 0.00 | 22.02 1.10 0.00 | 25.99 1.04 0.00 | 22.40 0.86 0.00 | 21.18 0.85 0.00 | 20.27 0.80 0.00 | 21.46 0.88 0.00 | 21.42 1.00 0.00 | 27.59 1.54 0.00 | 26.93 1.53 0.00 | 23.58 1.19 0.00 | 25.05 1.15 0.00 | 20.40 0.90 0.00 | 19.35 0.84 0.00 | 20.56 0.80 0.00 |
| ROSETON____2 23588 | 20.01 0.86 0.00 | 19.22 0.79 0.00 | 19.29 0.80 0.00 | 18.75 0.74 0.00 | 19.76 0.81 0.00 | 20.30 0.95 0.00 | 21.44 1.23 0.00 | 31.16 1.96 0.00 | 24.34 1.50 0.00 | 21.63 1.31 0.00 | 22.02 1.10 0.00 | 25.99 1.04 0.00 | 22.40 0.86 0.00 | 21.18 0.85 0.00 | 20.27 0.80 0.00 | 21.46 0.88 0.00 | 21.42 1.00 0.00 | 27.59 1.54 0.00 | 26.93 1.53 0.00 | 23.58 1.19 0.00 | 25.05 1.15 0.00 | 20.40 0.90 0.00 | 19.35 0.84 0.00 | 20.56 0.80 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 19.77 0.62 0.00 | 19.01 0.58 0.00 | 19.07 0.58 0.00 | 18.59 0.58 0.00 | 19.56 0.61 0.00 | 20.04 0.68 0.00 | 21.08 0.86 0.00 | 30.51 1.31 0.00 | 23.84 1.00 0.00 | 21.13 0.81 0.00 | 21.58 0.66 0.00 | 25.68 0.73 0.00 | 22.10 0.56 0.00 | 20.87 0.53 0.00 | 19.98 0.51 0.00 | 21.16 0.58 0.00 | 21.11 0.69 0.00 | 27.13 1.08 0.00 | 26.45 1.05 0.00 | 23.22 0.83 0.00 | 24.72 0.81 0.00 | 20.14 0.64 0.00 | 19.11 0.60 0.00 | 20.35 0.59 0.00 |
| RUSSELL____1 23602 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| RUSSELL____2 23532 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| RUSSELL____3 23549 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| RUSSELL____4 23556 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| RUSSELL____STATION 23914 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| S SALMON____HYD 24043 | 18.28 -0.87 0.00 | 17.63 -0.81 0.00 | 17.62 -0.86 0.00 | 17.17 -0.84 0.00 | 18.10 -0.85 0.00 | 18.56 -0.79 0.00 | 19.45 -0.76 0.00 | 28.16 -1.04 0.00 | 21.99 -0.85 0.00 | 19.48 -0.84 0.00 | 20.05 -0.87 0.00 | 23.87 -1.08 0.00 | 20.60 -0.94 0.00 | 19.46 -0.88 0.00 | 18.70 -0.77 0.00 | 19.79 -0.80 0.00 | 19.74 -0.68 0.00 | 25.24 -0.81 0.00 | 24.55 -0.85 0.00 | 21.56 -0.83 0.00 | 22.88 -1.03 0.00 | 18.65 -0.85 0.00 | 17.71 -0.80 0.00 | 18.91 -0.85 0.00 |
| S.PERRY__115KV_TB1 80734 | 9.32 -1.33 8.50 | 10.17 -1.22 7.04 | 9.56 -1.22 7.71 | 14.94 -1.24 1.83 | 17.39 -1.18 0.38 | 17.50 -1.08 0.78 | 19.23 -0.98 0.00 | 25.56 -1.38 2.26 | 20.90 -1.21 0.73 | 19.11 -1.20 0.00 | 19.74 -1.18 0.00 | 23.56 -1.39 0.00 | 20.09 -1.46 0.00 | 18.91 -1.43 0.00 | 17.97 -1.51 0.00 | 19.16 -1.42 0.00 | 19.27 -1.16 0.00 | 25.09 -0.96 0.00 | 24.58 -0.82 0.00 | 21.47 -0.92 0.00 | 22.43 -1.48 0.00 | 18.17 -1.34 0.00 | 16.95 -1.27 0.28 | 18.49 -1.26 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 13.56 -1.69 3.91 | 13.43 -1.77 3.24 | 13.19 -1.74 3.56 | 15.40 -1.77 0.84 | 13.74 -1.83 3.37 | 10.99 -1.52 6.84 | 18.52 -1.66 0.04 | 6.70 -2.51 20.00 | 14.30 -2.12 6.42 | 18.51 -1.78 0.02 | 19.03 -1.89 0.00 | 22.86 -2.09 0.00 | 19.87 -1.68 0.00 | 18.72 -1.62 0.00 | 17.67 -1.80 0.00 | 18.66 -1.92 0.00 | 18.75 -1.67 0.00 | 23.91 -2.15 0.00 | 23.41 -1.99 0.00 | 20.45 -1.94 0.00 | 21.48 -2.43 0.00 | 17.48 -2.02 0.00 | 16.51 -1.89 0.11 | 17.85 -1.90 0.00 |
| SAWYER__23_KV_LOAD 55526 | 13.56 -1.69 3.91 | 13.43 -1.77 3.24 | 13.19 -1.74 3.56 | 15.40 -1.77 0.84 | 13.74 -1.83 3.37 | 10.99 -1.52 6.84 | 18.52 -1.66 0.04 | 6.70 -2.51 20.00 | 14.30 -2.12 6.42 | 18.51 -1.78 0.02 | 19.03 -1.89 0.00 | 22.86 -2.09 0.00 | 19.87 -1.68 0.00 | 18.72 -1.62 0.00 | 17.67 -1.80 0.00 | 18.66 -1.92 0.00 | 18.75 -1.67 0.00 | 23.91 -2.15 0.00 | 23.41 -1.99 0.00 | 20.45 -1.94 0.00 | 21.48 -2.43 0.00 | 17.48 -2.02 0.00 | 16.51 -1.89 0.11 | 17.85 -1.90 0.00 |
| SELKIRK____I 23801 | 19.84 0.69 0.00 | 19.10 0.66 0.00 | 19.15 0.66 0.00 | 18.69 0.68 0.00 | 19.64 0.70 0.00 | 20.09 0.74 0.00 | 21.10 0.89 0.00 | 30.42 1.21 0.00 | 23.77 0.94 0.00 | 21.02 0.70 0.00 | 21.43 0.51 0.00 | 25.53 0.58 0.00 | 21.91 0.36 0.00 | 20.66 0.32 0.00 | 19.80 0.33 0.00 | 21.00 0.42 0.00 | 21.04 0.61 0.00 | 27.01 0.96 0.00 | 26.31 0.91 0.00 | 23.09 0.70 0.00 | 24.61 0.70 0.00 | 20.09 0.59 0.00 | 19.14 0.63 0.00 | 20.46 0.70 0.00 |
| SELKIRK____II 23799 | 19.74 0.59 0.00 | 19.00 0.56 0.00 | 19.05 0.56 0.00 | 18.58 0.57 0.00 | 19.53 0.58 0.00 | 19.99 0.64 0.00 | 21.00 0.79 0.00 | 30.28 1.08 0.00 | 23.68 0.85 0.00 | 21.01 0.69 0.00 | 21.44 0.52 0.00 | 25.46 0.50 0.00 | 21.90 0.36 0.00 | 20.66 0.32 0.00 | 19.79 0.32 0.00 | 20.95 0.37 0.00 | 20.93 0.51 0.00 | 26.89 0.84 0.00 | 26.21 0.81 0.00 | 22.99 0.60 0.00 | 24.49 0.58 0.00 | 19.99 0.49 0.00 | 19.05 0.54 0.00 | 20.34 0.59 0.00 |

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| SENECA OSWGO___HYD 24041 | 18.39 -0.75 0.00 | 17.68 -0.75 0.00 | 17.72 -0.76 0.00 | 17.25 -0.76 0.00 | 18.16 -0.78 0.00 | 18.63 -0.72 0.00 | 19.50 -0.71 0.00 | 28.19 -1.01 0.00 | 21.98 -0.86 0.00 | 19.53 -0.79 0.00 | 20.09 -0.84 0.00 | 23.88 -1.07 0.00 | 20.68 -0.86 0.00 | 19.56 -0.78 0.00 | 18.68 -0.79 0.00 | 19.77 -0.82 0.00 | 19.71 -0.72 0.00 | 25.22 -0.83 0.00 | 24.60 -0.80 0.00 | 21.61 -0.79 0.00 | 22.94 -0.98 0.00 | 18.73 -0.77 0.00 | 17.81 -0.70 0.00 | 19.04 -0.72 0.00 |
| SENECA___115KV_TB3 355854 | 13.38 -1.54 4.23 | 13.30 -1.63 3.50 | 13.03 -1.60 3.85 | 15.46 -1.64 0.91 | 14.16 -1.68 3.11 | 11.70 -1.34 6.31 | 18.80 -1.38 0.04 | 8.72 -2.03 18.46 | 15.18 -1.74 5.92 | 18.86 -1.43 0.02 | 19.39 -1.53 0.00 | 23.31 -1.65 0.00 | 20.22 -1.32 0.00 | 19.06 -1.28 0.00 | 17.98 -1.50 0.00 | 19.01 -1.57 0.00 | 19.11 -1.32 0.00 | 24.21 -1.84 0.00 | 23.75 -1.66 0.00 | 20.70 -1.69 0.00 | 21.74 -2.17 0.00 | 17.66 -1.84 0.00 | 16.67 -1.72 0.12 | 18.03 -1.72 0.00 |
| SENECA___ENERGY 23797 | 17.03 -0.75 1.37 | 16.57 -0.73 1.13 | 16.52 -0.72 1.25 | 17.01 -0.71 0.29 | 18.23 -0.71 0.00 | 18.74 -0.61 0.00 | 19.63 -0.58 0.00 | 28.45 -0.76 0.00 | 22.19 -0.65 0.00 | 19.69 -0.63 0.00 | 20.18 -0.74 0.00 | 24.01 -0.94 0.00 | 20.73 -0.81 0.00 | 19.62 -0.72 0.00 | 18.72 -0.75 0.00 | 19.79 -0.79 0.00 | 19.83 -0.60 0.00 | 25.44 -0.61 0.00 | 24.87 -0.54 0.00 | 21.82 -0.57 0.00 | 23.06 -0.84 0.00 | 18.77 -0.73 0.00 | 17.79 -0.68 0.04 | 19.05 -0.70 0.00 |
| SHOEMAKER___GT 23640 | 19.90 0.75 0.00 | 19.12 0.68 0.00 | 19.18 0.69 0.00 | 18.65 0.64 0.00 | 19.65 0.70 0.00 | 20.19 0.84 0.00 | 21.30 1.09 0.00 | 30.95 1.74 0.00 | 24.16 1.32 0.00 | 21.45 1.13 0.00 | 21.82 0.89 0.00 | 25.77 0.82 0.00 | 22.24 0.70 0.00 | 21.04 0.70 0.00 | 20.12 0.65 0.00 | 21.32 0.74 0.00 | 21.26 0.84 0.00 | 27.39 1.34 0.00 | 26.75 1.34 0.00 | 23.44 1.04 0.00 | 24.91 1.00 0.00 | 20.28 0.78 0.00 | 19.24 0.73 0.00 | 20.44 0.68 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 19.89 0.74 0.00 | 19.11 0.67 0.00 | 19.18 0.69 0.00 | 18.65 0.63 0.00 | 19.64 0.70 0.00 | 20.18 0.83 0.00 | 21.30 1.09 0.00 | 30.94 1.74 0.00 | 24.16 1.32 0.00 | 21.46 1.14 0.00 | 21.83 0.91 0.00 | 25.79 0.84 0.00 | 22.25 0.71 0.00 | 21.04 0.71 0.00 | 20.12 0.65 0.00 | 21.32 0.74 0.00 | 21.27 0.84 0.00 | 27.39 1.34 0.00 | 26.74 1.34 0.00 | 23.43 1.04 0.00 | 24.90 0.98 0.00 | 20.28 0.78 0.00 | 19.23 0.72 0.00 | 20.44 0.68 0.00 |
| SHOREHAM_IC_1 23715 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.17 1.68 0.00 | 19.57 1.56 0.00 | 20.58 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.12 -0.85 | 70.36 1.93 -47.51 | 26.68 1.73 0.00 | 22.86 1.32 0.00 | 36.50 1.42 -14.75 | 33.36 1.37 -12.52 | 33.24 1.43 -11.22 | 70.39 1.65 -48.32 | 54.91 2.40 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.17 2.26 0.00 | 21.77 1.93 -0.35 | 20.35 1.66 -0.18 | 21.39 1.58 -0.06 |
| SHOREHAM_IC_2 23716 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.17 1.68 0.00 | 19.57 1.56 0.00 | 20.58 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.43 -32.62 | 23.28 2.12 -0.85 | 70.36 1.93 -47.51 | 26.68 1.73 0.00 | 22.86 1.32 0.00 | 36.50 1.42 -14.75 | 33.36 1.37 -12.52 | 33.24 1.43 -11.22 | 70.39 1.65 -48.32 | 54.91 2.40 -26.46 | 34.08 2.49 -6.19 | 24.45 2.06 0.00 | 26.17 2.26 0.00 | 21.77 1.93 -0.35 | 20.35 1.66 -0.18 | 21.39 1.58 -0.06 |
| SISSONVILLE___ 23735 | 18.64 -0.51 0.00 | 18.09 -0.34 0.00 | 18.12 -0.37 0.00 | 17.69 -0.32 0.00 | 18.62 -0.33 0.00 | 18.84 -0.52 0.00 | 19.55 -0.66 0.00 | 28.32 -0.89 0.00 | 22.44 -0.40 0.00 | 20.02 -0.30 0.00 | 20.71 -0.21 0.00 | 24.87 -0.08 0.00 | 21.33 -0.21 0.00 | 19.99 -0.35 0.00 | 19.27 -0.20 0.00 | 20.34 -0.24 0.00 | 20.08 -0.34 0.00 | 25.35 -0.70 0.00 | 24.60 -0.80 0.00 | 21.80 -0.60 0.00 | 23.40 -0.51 0.00 | 19.04 -0.46 0.00 | 18.52 -0.43 -0.44 | 21.97 -0.29 -2.51 |
| SITHE_IND_GS1 24169 | 18.27 -0.88 0.00 | 17.58 -0.85 0.00 | 17.62 -0.86 0.00 | 17.16 -0.86 0.00 | 18.05 -0.90 0.00 | 18.49 -0.86 0.00 | 19.30 -0.91 0.00 | 27.90 -1.31 0.00 | 21.78 -1.06 0.00 | 19.37 -0.95 0.00 | 19.97 -0.95 0.00 | 23.71 -1.24 0.00 | 20.53 -1.02 0.00 | 19.41 -0.93 0.00 | 18.56 -0.91 0.00 | 19.61 -0.97 0.00 | 19.54 -0.88 0.00 | 24.96 -1.09 0.00 | 24.35 -1.05 0.00 | 21.42 -0.98 0.00 | 22.76 -1.15 0.00 | 18.60 -0.90 0.00 | 17.70 -0.80 0.00 | 18.95 -0.80 0.00 |
| SITHE_IND_GS2 24170 | 18.27 -0.88 0.00 | 17.58 -0.85 0.00 | 17.62 -0.86 0.00 | 17.16 -0.86 0.00 | 18.05 -0.90 0.00 | 18.49 -0.86 0.00 | 19.30 -0.91 0.00 | 27.90 -1.31 0.00 | 21.78 -1.06 0.00 | 19.37 -0.95 0.00 | 19.97 -0.95 0.00 | 23.71 -1.24 0.00 | 20.53 -1.02 0.00 | 19.41 -0.93 0.00 | 18.56 -0.91 0.00 | 19.61 -0.97 0.00 | 19.54 -0.88 0.00 | 24.96 -1.09 0.00 | 24.35 -1.05 0.00 | 21.42 -0.98 0.00 | 22.76 -1.15 0.00 | 18.60 -0.90 0.00 | 17.70 -0.80 0.00 | 18.95 -0.80 0.00 |
| SITHE_IND_GS3 24171 | 18.27 -0.88 0.00 | 17.58 -0.85 0.00 | 17.62 -0.86 0.00 | 17.16 -0.86 0.00 | 18.05 -0.90 0.00 | 18.49 -0.86 0.00 | 19.30 -0.91 0.00 | 27.90 -1.31 0.00 | 21.78 -1.06 0.00 | 19.37 -0.95 0.00 | 19.97 -0.95 0.00 | 23.71 -1.24 0.00 | 20.53 -1.02 0.00 | 19.41 -0.93 0.00 | 18.56 -0.91 0.00 | 19.61 -0.97 0.00 | 19.54 -0.88 0.00 | 24.96 -1.09 0.00 | 24.35 -1.05 0.00 | 21.42 -0.98 0.00 | 22.76 -1.15 0.00 | 18.60 -0.90 0.00 | 17.70 -0.80 0.00 | 18.95 -0.80 0.00 |
| SITHE_IND_GS4 24172 | 18.27 -0.88 0.00 | 17.58 -0.85 0.00 | 17.62 -0.86 0.00 | 17.16 -0.86 0.00 | 18.05 -0.90 0.00 | 18.49 -0.86 0.00 | 19.30 -0.91 0.00 | 27.90 -1.31 0.00 | 21.78 -1.06 0.00 | 19.37 -0.95 0.00 | 19.97 -0.95 0.00 | 23.71 -1.24 0.00 | 20.53 -1.02 0.00 | 19.41 -0.93 0.00 | 18.56 -0.91 0.00 | 19.61 -0.97 0.00 | 19.54 -0.88 0.00 | 24.96 -1.09 0.00 | 24.35 -1.05 0.00 | 21.42 -0.98 0.00 | 22.76 -1.15 0.00 | 18.60 -0.90 0.00 | 17.70 -0.80 0.00 | 18.95 -0.80 0.00 |
| SITHE___BATAVIA 24024 | 14.73 -1.13 3.30 | 14.48 -1.23 2.73 | 14.28 -1.20 3.00 | 16.04 -1.27 0.71 | 15.92 -1.30 1.73 | 14.82 -1.02 3.51 | 19.11 -1.08 0.02 | 17.23 -1.72 10.26 | 18.01 -1.54 3.29 | 19.01 -1.30 0.01 | 19.57 -1.35 0.00 | 23.37 -1.58 0.00 | 20.33 -1.21 0.00 | 19.14 -1.20 0.00 | 18.08 -1.39 0.00 | 19.15 -1.43 0.00 | 19.19 -1.23 0.00 | 24.69 -1.36 0.00 | 24.15 -1.25 0.00 | 21.11 -1.29 0.00 | 22.19 -1.72 0.00 | 18.05 -1.45 0.00 | 17.04 -1.38 0.10 | 18.37 -1.39 0.00 |
| SITHE___INDEPEND 23800 | 18.27 -0.88 0.00 | 17.58 -0.86 0.00 | 17.62 -0.86 0.00 | 17.16 -0.86 0.00 | 18.05 -0.90 0.00 | 18.49 -0.86 0.00 | 19.30 -0.91 0.00 | 27.91 -1.29 0.00 | 21.78 -1.06 0.00 | 19.37 -0.95 0.00 | 19.97 -0.95 0.00 | 23.71 -1.24 0.00 | 20.53 -1.02 0.00 | 19.41 -0.93 0.00 | 18.56 -0.91 0.00 | 19.61 -0.97 0.00 | 19.54 -0.88 0.00 | 24.96 -1.09 0.00 | 24.35 -1.05 0.00 | 21.42 -0.98 0.00 | 22.76 -1.15 0.00 | 18.60 -0.90 0.00 | 17.70 -0.81 0.00 | 18.95 -0.81 0.00 |
| SITHE___MASSENA 23902 | 19.12 -0.03 0.00 | 18.53 0.09 0.00 | 18.57 0.08 0.00 | 18.12 0.10 0.00 | 19.03 0.09 0.00 | 19.29 -0.06 0.00 | 20.00 -0.21 0.00 | 28.84 -0.36 0.00 | 22.66 -0.17 0.00 | 20.21 -0.11 0.00 | 20.96 0.04 0.00 | 25.22 0.27 0.00 | 21.78 0.23 0.00 | 20.50 0.16 0.00 | 19.67 0.20 0.00 | 20.77 0.18 0.00 | 20.48 0.05 0.00 | 25.87 -0.18 0.00 | 25.16 -0.24 0.00 | 22.32 -0.07 0.00 | 23.97 0.06 0.00 | 19.52 0.02 0.00 | 18.58 -0.01 -0.08 | 20.30 0.09 -0.46 |

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| SITHE___OGDNSBRG 24021 | 19.26 0.12 0.00 | 18.67 0.24 0.00 | 18.71 0.23 0.00 | 18.26 0.24 0.00 | 19.20 0.25 0.00 | 19.44 0.09 0.00 | 20.19 -0.02 0.00 | 29.17 -0.03 0.00 | 22.97 0.13 0.00 | 20.35 0.04 0.00 | 21.08 0.16 0.00 | 25.40 0.45 0.00 | 21.95 0.41 0.00 | 20.62 0.28 0.00 | 19.84 0.37 0.00 | 20.92 0.33 0.00 | 20.73 0.31 0.00 | 26.18 0.13 0.00 | 25.46 0.06 0.00 | 22.56 0.16 0.00 | 24.24 0.33 0.00 | 19.73 0.23 0.00 | 18.98 0.17 -0.30 | 21.75 0.28 -1.71 |
| SITHE___STERLING 23777 | 19.35 0.20 0.00 | 18.64 0.20 0.00 | 18.66 0.18 0.00 | 18.18 0.17 0.00 | 19.17 0.22 0.00 | 19.67 0.32 0.00 | 20.67 0.46 0.00 | 29.91 0.70 0.00 | 23.36 0.52 0.00 | 20.73 0.41 0.00 | 21.27 0.34 0.00 | 25.31 0.35 0.00 | 21.82 0.28 0.00 | 20.58 0.24 0.00 | 19.74 0.27 0.00 | 20.83 0.24 0.00 | 20.80 0.37 0.00 | 26.71 0.65 0.00 | 26.03 0.63 0.00 | 22.85 0.46 0.00 | 24.27 0.36 0.00 | 19.76 0.26 0.00 | 18.74 0.23 0.00 | 19.94 0.18 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 16.64 -0.93 1.57 | 16.17 -0.96 1.30 | 16.11 -0.94 1.43 | 16.72 -0.95 0.34 | 18.17 -0.97 -0.19 | 18.93 -0.80 -0.38 | 19.38 -0.83 0.00 | 29.13 -1.18 -1.11 | 22.12 -1.07 -0.36 | 19.35 -0.96 0.00 | 19.90 -1.03 0.00 | 23.72 -1.23 0.00 | 20.54 -1.00 0.00 | 19.39 -0.95 0.00 | 18.45 -1.02 0.00 | 19.47 -1.11 0.00 | 19.53 -0.90 0.00 | 25.10 -0.95 0.00 | 24.51 -0.89 0.00 | 21.49 -0.90 0.00 | 22.72 -1.19 0.00 | 18.49 -1.01 0.00 | 17.50 -0.96 0.05 | 18.77 -0.99 0.00 |
| SOUTH CAIRO___GT 23612 | 20.50 1.35 0.00 | 19.71 1.28 0.00 | 19.76 1.27 0.00 | 19.30 1.29 0.00 | 20.28 1.33 0.00 | 20.79 1.44 0.00 | 21.90 1.69 0.00 | 31.55 2.34 0.00 | 24.67 1.83 0.00 | 21.68 1.37 0.00 | 21.79 0.87 0.00 | 26.19 1.24 0.00 | 22.27 0.73 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.43 0.85 0.00 | 21.71 1.29 0.00 | 28.07 2.02 0.00 | 27.37 1.96 0.00 | 23.96 1.57 0.00 | 25.48 1.58 0.00 | 20.79 1.29 0.00 | 19.81 1.31 0.00 | 21.18 1.42 0.00 |
| SOUTH HAMPTN___IC 23720 | 21.18 2.03 0.00 | 20.29 1.86 0.00 | 20.35 1.86 0.00 | 19.75 1.74 0.00 | 20.76 1.82 0.00 | 21.38 2.02 0.00 | 34.76 2.36 -12.18 | 70.62 3.54 -37.87 | 58.15 2.70 -32.62 | 23.49 2.33 -0.85 | 70.56 2.12 -47.51 | 26.89 1.93 0.00 | 23.04 1.50 0.00 | 36.66 1.58 -14.75 | 33.49 1.49 -12.52 | 33.39 1.59 -11.22 | 70.56 1.82 -48.32 | 55.11 2.60 -26.46 | 34.25 2.67 -6.19 | 24.64 2.25 0.00 | 26.34 2.43 0.00 | 21.92 2.07 -0.35 | 20.50 1.81 -0.18 | 21.55 1.74 -0.06 |
| SOUTHDOW__115KV_TB1 355954 | 12.40 -1.26 5.49 | 12.50 -1.39 4.55 | 12.23 -1.26 4.99 | 15.54 -1.29 1.18 | 14.88 -1.35 2.71 | 12.89 -0.96 5.50 | 19.43 -0.75 0.03 | 11.96 -1.15 16.09 | 16.65 -1.03 5.16 | 19.52 -0.78 0.02 | 19.95 -0.97 0.00 | 24.01 -0.94 0.00 | 20.75 -0.79 0.00 | 19.68 -0.66 0.00 | 18.53 -0.94 0.00 | 19.58 -1.00 0.00 | 19.72 -0.70 0.00 | 24.88 -1.17 0.00 | 24.39 -1.01 0.00 | 21.15 -1.25 0.00 | 22.09 -1.82 0.00 | 17.87 -1.63 0.00 | 16.86 -1.50 0.15 | 18.39 -1.37 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 21.46 2.32 0.00 | 20.56 2.13 0.00 | 20.62 2.13 0.00 | 20.02 2.01 0.00 | 21.05 2.10 0.00 | 21.67 2.32 0.00 | 35.08 2.70 -12.18 | 71.08 4.00 -37.87 | 58.52 3.07 -32.62 | 23.79 2.63 -0.85 | 70.82 2.38 -47.51 | 27.16 2.21 0.00 | 23.26 1.72 0.00 | 36.86 1.78 -14.75 | 33.63 1.63 -12.52 | 33.56 1.75 -11.22 | 70.76 2.01 -48.32 | 55.32 2.81 -26.46 | 34.49 2.90 -6.19 | 24.88 2.49 0.00 | 26.59 2.68 0.00 | 22.16 2.31 -0.35 | 20.72 2.03 -0.18 | 21.76 1.95 -0.06 |
| SOUTHOLD___IC 23719 | 21.47 2.32 0.00 | 20.56 2.12 0.00 | 20.62 2.13 0.00 | 20.02 2.01 0.00 | 21.05 2.11 0.00 | 21.68 2.32 0.00 | 35.08 2.69 -12.18 | 71.09 4.01 -37.87 | 58.53 3.07 -32.62 | 23.79 2.63 -0.85 | 70.82 2.39 -47.51 | 27.16 2.21 0.00 | 23.26 1.72 0.00 | 36.86 1.78 -14.75 | 33.63 1.63 -12.52 | 33.56 1.75 -11.22 | 70.76 2.01 -48.32 | 55.32 2.81 -26.46 | 34.49 2.90 -6.19 | 24.88 2.49 0.00 | 26.59 2.68 0.00 | 22.15 2.31 -0.35 | 20.72 2.03 -0.18 | 21.76 1.95 -0.06 |
| SOUTH_FORK_WT_PWR 323839 | 21.50 2.35 0.00 | 20.59 2.16 0.00 | 20.65 2.16 0.00 | 20.05 2.03 0.00 | 21.08 2.13 0.00 | 21.70 2.34 0.00 | 35.11 2.72 -12.18 | 71.12 4.04 -37.87 | 58.54 3.09 -32.62 | 23.79 2.63 -0.85 | 70.81 2.38 -47.51 | 27.13 2.17 0.00 | 23.23 1.69 0.00 | 36.85 1.77 -14.75 | 33.58 1.59 -12.52 | 33.49 1.69 -11.22 | 70.69 1.95 -48.32 | 55.18 2.67 -26.46 | 34.35 2.76 -6.19 | 24.81 2.41 0.00 | 26.53 2.61 0.00 | 22.13 2.29 -0.35 | 20.69 2.00 -0.18 | 21.73 1.91 -0.06 |
| SPIERFLS_115KV_TB 1 80737 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.77 0.00 | 18.79 0.78 0.00 | 19.80 0.85 0.00 | 20.31 0.96 0.00 | 21.54 1.33 0.00 | 31.25 2.05 0.00 | 24.41 1.57 0.00 | 21.51 1.20 0.00 | 21.86 0.94 0.00 | 26.02 1.06 0.00 | 22.31 0.76 0.00 | 21.05 0.72 0.00 | 20.26 0.78 0.00 | 21.48 0.90 0.00 | 21.55 1.12 0.00 | 27.80 1.74 0.00 | 27.07 1.67 0.00 | 23.73 1.34 0.00 | 25.19 1.28 0.00 | 20.47 0.97 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| ST LAWRENCE____ 23600 | 18.99 -0.16 0.00 | 18.35 -0.09 0.00 | 18.39 -0.10 0.00 | 17.94 -0.08 0.00 | 18.84 -0.10 0.00 | 19.13 -0.22 0.00 | 19.84 -0.37 0.00 | 28.58 -0.62 0.00 | 22.43 -0.40 0.00 | 20.02 -0.30 0.00 | 20.77 -0.15 0.00 | 24.99 0.04 0.00 | 21.60 0.06 0.00 | 20.35 0.02 0.00 | 19.52 0.05 0.00 | 20.61 0.03 0.00 | 20.31 -0.11 0.00 | 25.65 -0.40 0.00 | 24.96 -0.44 0.00 | 22.15 -0.24 0.00 | 23.79 -0.11 0.00 | 19.39 -0.12 0.00 | 18.35 -0.16 0.00 | 19.64 -0.12 0.00 |
| STATE_CA_115KV_115_LB 55624 | 19.81 0.66 0.00 | 19.07 0.63 0.00 | 19.11 0.63 0.00 | 18.66 0.64 0.00 | 19.60 0.66 0.00 | 20.05 0.70 0.00 | 21.08 0.87 0.00 | 30.31 1.10 0.00 | 23.74 0.90 0.00 | 21.05 0.73 0.00 | 21.45 0.53 0.00 | 25.49 0.54 0.00 | 21.91 0.37 0.00 | 20.67 0.33 0.00 | 19.81 0.34 0.00 | 20.97 0.39 0.00 | 20.96 0.54 0.00 | 26.95 0.90 0.00 | 26.25 0.85 0.00 | 23.02 0.62 0.00 | 24.52 0.61 0.00 | 20.04 0.54 0.00 | 19.13 0.62 0.00 | 20.45 0.69 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 19.89 -0.40 -1.15 | 18.97 -0.42 -0.95 | 19.14 -0.36 -1.02 | 17.90 -0.36 -0.25 | 18.58 -0.36 0.00 | 19.10 -0.25 0.00 | 19.98 -0.23 0.00 | 29.03 -0.17 0.00 | 22.54 -0.30 0.00 | 20.04 -0.28 0.00 | 20.58 -0.34 0.00 | 24.48 -0.47 0.00 | 21.07 -0.47 0.00 | 19.95 -0.39 0.00 | 19.11 -0.36 0.00 | 20.17 -0.41 0.00 | 20.20 -0.22 0.00 | 25.91 -0.15 0.00 | 25.31 -0.09 0.00 | 22.21 -0.18 0.00 | 23.54 -0.37 0.00 | 19.15 -0.35 0.00 | 18.23 -0.32 -0.04 | 19.45 -0.31 0.00 |
| STATION 5_MISC_HYD 23604 | 15.42 -1.06 2.66 | 15.12 -1.12 2.21 | 14.96 -1.10 2.42 | 16.31 -1.13 0.58 | 17.97 -1.15 -0.17 | 18.74 -0.97 -0.35 | 19.14 -1.08 0.00 | 28.56 -1.70 -1.06 | 21.72 -1.46 -0.34 | 19.07 -1.25 0.00 | 19.63 -1.29 0.00 | 23.46 -1.49 0.00 | 20.34 -1.20 0.00 | 19.19 -1.15 0.00 | 18.21 -1.26 0.00 | 19.21 -1.37 0.00 | 19.27 -1.15 0.00 | 24.80 -1.26 0.00 | 24.22 -1.18 0.00 | 21.21 -1.18 0.00 | 22.38 -1.52 0.00 | 18.24 -1.26 0.00 | 17.23 -1.19 0.08 | 18.54 -1.22 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 15.62 -0.75 2.77 | 15.35 -0.79 2.29 | 15.19 -0.79 2.51 | 16.62 -0.80 0.60 | 18.28 -0.78 -0.12 | 18.99 -0.61 -0.25 | 19.59 -0.62 0.00 | 29.03 -0.91 -0.74 | 22.24 -0.83 -0.23 | 19.54 -0.78 0.00 | 20.07 -0.85 0.00 | 23.95 -1.00 0.00 | 20.74 -0.80 0.00 | 19.59 -0.75 0.00 | 18.61 -0.87 0.00 | 19.65 -0.93 0.00 | 19.73 -0.69 0.00 | 25.37 -0.68 0.00 | 24.78 -0.62 0.00 | 21.73 -0.67 0.00 | 22.94 -0.97 0.00 | 18.67 -0.83 0.00 | 17.63 -0.79 0.09 | 18.94 -0.82 0.00 |

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| STA_56___34_KV_BUS2_REV_LBMP_B 345033 | 15.41 -1.11 2.63 | 15.10 -1.16 2.18 | 14.95 -1.15 2.39 | 16.27 -1.17 0.57 | 17.91 -1.19 -0.15 | 18.65 -1.02 -0.31 | 19.10 -1.12 0.00 | 28.46 -1.68 -0.94 | 21.67 -1.47 -0.30 | 19.04 -1.28 0.00 | 19.61 -1.32 0.00 | 23.41 -1.54 0.00 | 20.30 -1.24 0.00 | 19.15 -1.19 0.00 | 18.19 -1.29 0.00 | 19.18 -1.40 0.00 | 19.24 -1.18 0.00 | 24.75 -1.30 0.00 | 24.18 -1.23 0.00 | 21.19 -1.21 0.00 | 22.35 -1.55 0.00 | 18.21 -1.29 0.00 | 17.21 -1.22 0.08 | 18.50 -1.26 0.00 |
| STA_56___34_KV_BUS2 355983 | 15.41 -1.11 2.63 | 15.10 -1.16 2.18 | 14.95 -1.15 2.39 | 16.27 -1.17 0.57 | 17.91 -1.19 -0.15 | 18.65 -1.02 -0.31 | 19.10 -1.12 0.00 | 28.46 -1.68 -0.94 | 21.67 -1.47 -0.30 | 19.04 -1.28 0.00 | 19.61 -1.32 0.00 | 23.41 -1.54 0.00 | 20.30 -1.24 0.00 | 19.15 -1.19 0.00 | 18.19 -1.29 0.00 | 19.18 -1.40 0.00 | 19.24 -1.18 0.00 | 24.75 -1.30 0.00 | 24.18 -1.23 0.00 | 21.19 -1.21 0.00 | 22.35 -1.55 0.00 | 18.21 -1.29 0.00 | 17.21 -1.22 0.08 | 18.50 -1.26 0.00 |
| STA_67___115KV_BK2 355882 | 15.40 -1.09 2.65 | 15.09 -1.15 2.20 | 14.94 -1.13 2.41 | 16.28 -1.16 0.57 | 17.96 -1.18 -0.19 | 18.74 -0.99 -0.38 | 19.10 -1.11 0.00 | 28.63 -1.70 -1.12 | 21.71 -1.49 -0.36 | 19.03 -1.29 0.00 | 19.59 -1.33 0.00 | 23.41 -1.55 0.00 | 20.30 -1.25 0.00 | 19.15 -1.19 0.00 | 18.17 -1.30 0.00 | 19.17 -1.41 0.00 | 19.23 -1.19 0.00 | 24.74 -1.31 0.00 | 24.17 -1.23 0.00 | 21.17 -1.22 0.00 | 22.33 -1.58 0.00 | 18.21 -1.30 0.00 | 17.20 -1.23 0.08 | 18.50 -1.25 0.00 |
| STA_7___115KV_9TRANS 80674 | 15.50 -0.98 2.66 | 15.19 -1.04 2.21 | 15.03 -1.04 2.42 | 16.38 -1.06 0.58 | 18.05 -1.07 -0.17 | 18.83 -0.88 -0.35 | 19.24 -0.98 0.00 | 28.76 -1.50 -1.06 | 21.84 -1.34 -0.34 | 19.16 -1.16 0.00 | 19.72 -1.20 0.00 | 23.57 -1.39 0.00 | 20.43 -1.12 0.00 | 19.28 -1.06 0.00 | 18.29 -1.18 0.00 | 19.29 -1.29 0.00 | 19.36 -1.06 0.00 | 24.92 -1.14 0.00 | 24.34 -1.06 0.00 | 21.32 -1.07 0.00 | 22.49 -1.42 0.00 | 18.33 -1.18 0.00 | 17.31 -1.12 0.08 | 18.61 -1.15 0.00 |
| STA_82___115KV_TB1 80780 | 15.36 -1.09 2.70 | 15.06 -1.15 2.23 | 14.91 -1.13 2.45 | 16.28 -1.15 0.58 | 17.90 -1.17 -0.12 | 18.61 -0.98 -0.24 | 19.11 -1.10 0.00 | 28.24 -1.69 -0.73 | 21.59 -1.48 -0.23 | 19.03 -1.29 0.00 | 19.60 -1.33 0.00 | 23.41 -1.54 0.00 | 20.30 -1.24 0.00 | 19.15 -1.19 0.00 | 18.17 -1.30 0.00 | 19.17 -1.41 0.00 | 19.23 -1.19 0.00 | 24.75 -1.31 0.00 | 24.18 -1.23 0.00 | 21.18 -1.22 0.00 | 22.34 -1.57 0.00 | 18.21 -1.29 0.00 | 17.20 -1.22 0.08 | 18.51 -1.25 0.00 |
| STEEL___WIND 323596 | 13.33 -1.59 4.23 | 13.28 -1.66 3.50 | 13.00 -1.64 3.85 | 15.44 -1.66 0.91 | 14.12 -1.72 3.11 | 11.64 -1.41 6.31 | 18.76 -1.42 0.04 | 8.56 -2.19 18.46 | 15.10 -1.81 5.92 | 18.83 -1.47 0.02 | 19.36 -1.56 0.00 | 23.27 -1.68 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.94 -1.54 0.00 | 18.98 -1.60 0.00 | 19.07 -1.36 0.00 | 24.16 -1.89 0.00 | 23.70 -1.70 0.00 | 20.66 -1.73 0.00 | 21.73 -2.18 0.00 | 17.63 -1.87 0.00 | 16.65 -1.74 0.12 | 18.01 -1.75 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 19.97 0.82 0.00 | 19.20 0.76 0.00 | 19.22 0.74 0.00 | 18.77 0.76 0.00 | 19.71 0.77 0.00 | 20.21 0.86 0.00 | 21.29 1.07 0.00 | 30.62 1.41 0.00 | 23.96 1.12 0.00 | 21.21 0.89 0.00 | 21.60 0.68 0.00 | 25.62 0.67 0.00 | 21.99 0.45 0.00 | 20.76 0.42 0.00 | 19.90 0.42 0.00 | 21.09 0.50 0.00 | 21.09 0.66 0.00 | 27.17 1.12 0.00 | 26.46 1.06 0.00 | 23.22 0.83 0.00 | 24.74 0.83 0.00 | 20.18 0.68 0.00 | 19.25 0.74 0.00 | 20.59 0.83 0.00 |
| STEUBEN_REC_LFGE 323667 | 1.12 -1.49 16.54 | 3.66 -1.07 13.71 | 2.46 -1.05 14.98 | 13.28 -1.16 3.57 | 17.21 -0.98 0.76 | 16.66 -1.14 1.55 | 19.19 -1.01 0.01 | 23.25 -1.42 4.54 | 20.38 -1.00 1.46 | 19.35 -0.96 0.00 | 19.79 -1.13 0.00 | 23.74 -1.21 0.00 | 20.55 -0.99 0.00 | 19.40 -0.94 0.00 | 18.45 -1.03 0.00 | 19.75 -0.83 0.00 | 19.74 -0.68 0.00 | 25.35 -0.71 0.00 | 24.73 -0.67 0.00 | 21.51 -0.88 0.00 | 22.35 -1.56 0.00 | 18.04 -1.46 0.00 | 16.77 -1.20 0.54 | 18.72 -1.03 0.00 |
| STILLWATER___SOLAR 323814 | 20.06 0.91 0.00 | 19.27 0.83 0.00 | 19.33 0.84 0.00 | 18.85 0.84 0.00 | 19.86 0.91 0.00 | 20.34 0.99 0.00 | 21.49 1.28 0.00 | 31.13 1.93 0.00 | 24.30 1.47 0.00 | 21.45 1.14 0.00 | 21.84 0.92 0.00 | 26.02 1.06 0.00 | 22.31 0.77 0.00 | 21.08 0.74 0.00 | 20.24 0.76 0.00 | 21.46 0.88 0.00 | 21.45 1.03 0.00 | 27.64 1.59 0.00 | 26.92 1.51 0.00 | 23.62 1.23 0.00 | 25.13 1.23 0.00 | 20.45 0.95 0.00 | 19.39 0.88 0.00 | 20.62 0.87 0.00 |
| STONY___BROOK 24151 | 20.90 1.76 0.00 | 20.03 1.59 0.00 | 20.07 1.59 0.00 | 19.48 1.47 0.00 | 20.48 1.53 0.00 | 21.08 1.73 0.00 | 34.46 2.07 -12.18 | 70.27 3.20 -37.87 | 57.89 2.43 -32.62 | 23.29 2.12 -0.85 | 70.35 1.92 -47.51 | 26.68 1.73 0.00 | 22.88 1.34 0.00 | 36.50 1.42 -14.75 | 33.43 1.43 -12.52 | 33.37 1.56 -11.22 | 70.49 1.75 -48.32 | 55.02 2.51 -26.46 | 34.05 2.47 -6.19 | 24.41 2.02 0.00 | 26.00 2.09 0.00 | 21.56 1.71 -0.35 | 20.20 1.51 -0.18 | 21.34 1.53 -0.06 |
| STURGEON_POOL_HYD 23609 | 20.09 0.94 0.00 | 19.29 0.85 0.00 | 19.35 0.87 0.00 | 18.81 0.80 0.00 | 19.82 0.87 0.00 | 20.39 1.04 0.00 | 21.57 1.35 0.00 | 31.40 2.19 0.00 | 24.52 1.68 0.00 | 21.82 1.50 0.00 | 22.19 1.26 0.00 | 26.10 1.14 0.00 | 22.53 0.99 0.00 | 21.35 1.01 0.00 | 20.40 0.93 0.00 | 21.56 0.98 0.00 | 21.52 1.10 0.00 | 27.73 1.68 0.00 | 27.09 1.69 0.00 | 23.71 1.32 0.00 | 25.18 1.27 0.00 | 20.49 0.99 0.00 | 19.39 0.88 0.00 | 20.56 0.80 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.78 0.00 | 18.72 0.71 0.00 | 19.73 0.78 0.00 | 20.29 0.93 0.00 | 21.44 1.23 0.00 | 31.17 1.97 0.00 | 24.34 1.50 0.00 | 21.62 1.30 0.00 | 21.99 1.07 0.00 | 25.95 1.00 0.00 | 22.37 0.83 0.00 | 21.15 0.81 0.00 | 20.24 0.77 0.00 | 21.43 0.85 0.00 | 21.40 0.97 0.00 | 27.57 1.51 0.00 | 26.90 1.50 0.00 | 23.56 1.16 0.00 | 25.02 1.11 0.00 | 20.37 0.87 0.00 | 19.32 0.81 0.00 | 20.52 0.76 0.00 |
| SWANROAD_115KV_TB1 355699 | 13.50 -1.94 3.71 | 13.32 -2.04 3.07 | 13.10 -2.01 3.37 | 15.14 -2.07 0.80 | 13.80 -2.17 2.98 | 11.38 -1.92 6.05 | 18.07 -2.10 0.03 | 8.31 -3.22 17.68 | 14.45 -2.72 5.67 | 17.99 -2.31 0.02 | 18.48 -2.44 0.00 | 22.18 -2.77 0.00 | 19.31 -2.23 0.00 | 18.19 -2.15 0.00 | 17.16 -2.31 0.00 | 18.11 -2.47 0.00 | 18.23 -2.20 0.00 | 23.33 -2.72 0.00 | 22.83 -2.58 0.00 | 19.96 -2.43 0.00 | 20.96 -2.95 0.00 | 17.11 -2.40 0.00 | 16.17 -2.23 0.11 | 17.48 -2.27 0.00 |
| SYNERGY___BIOGAS 323694 | 14.73 -1.13 3.30 | 14.48 -1.23 2.73 | 14.28 -1.20 3.00 | 16.04 -1.27 0.71 | 15.92 -1.30 1.73 | 14.82 -1.02 3.51 | 19.11 -1.08 0.02 | 17.23 -1.72 10.26 | 18.01 -1.54 3.29 | 19.01 -1.30 0.01 | 19.57 -1.35 0.00 | 23.37 -1.58 0.00 | 20.33 -1.21 0.00 | 19.14 -1.20 0.00 | 18.08 -1.39 0.00 | 19.15 -1.43 0.00 | 19.19 -1.23 0.00 | 24.69 -1.36 0.00 | 24.15 -1.25 0.00 | 21.11 -1.29 0.00 | 22.19 -1.72 0.00 | 18.05 -1.45 0.00 | 17.04 -1.38 0.10 | 18.37 -1.39 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| SYRACUSE___ENERGY_ST2 323598 | 18.68 -0.47 0.00 | 17.97 -0.47 0.00 | 18.01 -0.47 0.00 | 17.54 -0.48 0.00 | 18.47 -0.48 0.00 | 18.95 -0.40 0.00 | 19.85 -0.36 0.00 | 28.71 -0.49 0.00 | 22.38 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.29 -0.66 0.00 | 21.00 -0.54 0.00 | 19.86 -0.47 0.00 | 18.99 -0.49 0.00 | 20.08 -0.50 0.00 | 20.03 -0.39 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.41 0.00 | 23.33 -0.58 0.00 | 19.04 -0.46 0.00 | 18.09 -0.42 0.00 | 19.32 -0.43 0.00 |
| SYRACUSE___POWER 24017 | 19.53 -0.47 -0.85 | 18.67 -0.48 -0.71 | 18.77 -0.49 -0.77 | 17.70 -0.49 -0.18 | 18.45 -0.50 0.00 | 18.94 -0.41 0.00 | 19.83 -0.38 0.00 | 28.70 -0.50 0.00 | 22.39 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.27 -0.68 0.00 | 20.99 -0.55 0.00 | 19.86 -0.48 0.00 | 18.97 -0.51 0.00 | 20.07 -0.51 0.00 | 20.03 -0.40 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.42 0.00 | 23.31 -0.60 0.00 | 19.02 -0.48 0.00 | 18.10 -0.44 -0.03 | 19.31 -0.45 0.00 |
| TALLMAN__138KV_BK151 55660 | 20.09 0.94 0.00 | 19.28 0.84 0.00 | 19.35 0.87 0.00 | 18.80 0.78 0.00 | 19.81 0.87 0.00 | 20.39 1.04 0.00 | 21.59 1.38 0.00 | 31.42 2.21 0.00 | 24.52 1.68 0.00 | 21.79 1.47 0.00 | 22.17 1.25 0.00 | 26.12 1.17 0.00 | 22.50 0.96 0.00 | 21.27 0.93 0.00 | 20.33 0.86 0.00 | 21.53 0.95 0.00 | 21.50 1.08 0.00 | 27.72 1.67 0.00 | 27.06 1.65 0.00 | 23.68 1.29 0.00 | 25.14 1.23 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.60 0.85 0.00 |
| TEALLAVE_115KV_TB7 355573 | 18.55 -0.60 0.00 | 17.83 -0.61 0.00 | 17.87 -0.61 0.00 | 17.39 -0.62 0.00 | 18.31 -0.63 0.00 | 18.81 -0.54 0.00 | 19.68 -0.53 0.00 | 28.47 -0.73 0.00 | 22.21 -0.62 0.00 | 19.73 -0.59 0.00 | 20.30 -0.62 0.00 | 24.12 -0.84 0.00 | 20.87 -0.67 0.00 | 19.73 -0.61 0.00 | 18.85 -0.63 0.00 | 19.94 -0.64 0.00 | 19.89 -0.54 0.00 | 25.45 -0.60 0.00 | 24.84 -0.56 0.00 | 21.81 -0.58 0.00 | 23.13 -0.77 0.00 | 18.88 -0.62 0.00 | 17.94 -0.56 0.00 | 19.19 -0.56 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 14.25 -1.46 3.44 | 14.02 -1.56 2.85 | 13.82 -1.53 3.13 | 15.68 -1.59 0.74 | 15.13 -1.64 2.17 | 13.58 -1.37 4.41 | 18.70 -1.48 0.02 | 14.06 -2.26 12.89 | 16.72 -1.99 4.13 | 18.63 -1.68 0.01 | 19.16 -1.77 0.00 | 22.93 -2.02 0.00 | 19.95 -1.59 0.00 | 18.79 -1.55 0.00 | 17.72 -1.75 0.00 | 18.75 -1.83 0.00 | 18.83 -1.59 0.00 | 24.15 -1.90 0.00 | 23.62 -1.78 0.00 | 20.64 -1.75 0.00 | 21.68 -2.23 0.00 | 17.66 -1.84 0.00 | 16.68 -1.72 0.10 | 18.01 -1.75 0.00 |
| TEMPLE___115KV_TB 2 55572 | 18.55 -0.59 0.00 | 17.84 -0.60 0.00 | 17.88 -0.61 0.00 | 17.40 -0.61 0.00 | 18.33 -0.61 0.00 | 18.82 -0.53 0.00 | 19.70 -0.52 0.00 | 28.49 -0.72 0.00 | 22.22 -0.62 0.00 | 19.75 -0.57 0.00 | 20.31 -0.61 0.00 | 24.14 -0.81 0.00 | 20.89 -0.66 0.00 | 19.74 -0.60 0.00 | 18.86 -0.61 0.00 | 19.95 -0.63 0.00 | 19.90 -0.52 0.00 | 25.47 -0.58 0.00 | 24.86 -0.55 0.00 | 21.82 -0.57 0.00 | 23.14 -0.77 0.00 | 18.89 -0.61 0.00 | 17.95 -0.56 0.00 | 19.20 -0.56 0.00 |
| TIANA____69_KV_BK 1 55817 | 21.12 1.97 0.00 | 20.24 1.80 0.00 | 20.29 1.80 0.00 | 19.69 1.68 0.00 | 20.70 1.76 0.00 | 21.30 1.95 0.00 | 34.69 2.30 -12.18 | 70.52 3.44 -37.87 | 58.08 2.62 -32.62 | 23.44 2.27 -0.85 | 70.50 2.07 -47.51 | 26.83 1.88 0.00 | 22.99 1.45 0.00 | 36.62 1.53 -14.75 | 33.46 1.46 -12.52 | 33.36 1.55 -11.22 | 70.53 1.79 -48.32 | 55.09 2.58 -26.46 | 34.23 2.64 -6.19 | 24.60 2.21 0.00 | 26.30 2.39 0.00 | 21.88 2.03 -0.35 | 20.46 1.77 -0.18 | 21.51 1.70 -0.06 |
| TILDEN___115KV_TB1 80814 | 19.53 -0.47 -0.85 | 18.67 -0.48 -0.71 | 18.77 -0.49 -0.77 | 17.70 -0.49 -0.18 | 18.45 -0.50 0.00 | 18.94 -0.41 0.00 | 19.83 -0.38 0.00 | 28.70 -0.50 0.00 | 22.39 -0.45 0.00 | 19.89 -0.43 0.00 | 20.44 -0.48 0.00 | 24.27 -0.68 0.00 | 20.99 -0.55 0.00 | 19.86 -0.48 0.00 | 18.97 -0.51 0.00 | 20.07 -0.51 0.00 | 20.03 -0.40 0.00 | 25.65 -0.41 0.00 | 25.03 -0.37 0.00 | 21.98 -0.42 0.00 | 23.31 -0.60 0.00 | 19.02 -0.48 0.00 | 18.10 -0.44 -0.03 | 19.31 -0.45 0.00 |
| TRIGEN___CC 323695 | 20.46 1.32 0.00 | 19.64 1.21 0.00 | 19.69 1.20 0.00 | 19.12 1.10 0.00 | 20.11 1.17 0.00 | 20.70 1.35 0.00 | 34.09 1.70 -12.18 | 69.71 2.63 -37.87 | 57.49 2.03 -32.62 | 22.95 1.79 -0.85 | 70.01 1.58 -47.51 | 26.41 1.46 0.00 | 22.76 1.22 0.00 | 36.33 1.25 -14.75 | 33.23 1.23 -12.52 | 33.13 1.33 -11.22 | 70.16 1.42 -48.32 | 54.59 2.08 -26.46 | 33.65 2.07 -6.19 | 24.07 1.68 0.00 | 25.62 1.71 0.00 | 21.23 1.39 -0.35 | 19.96 1.27 -0.18 | 21.06 1.25 -0.06 |
| TRINITY__115KV__ 4 BK 55933 | 19.76 0.61 0.00 | 19.02 0.58 0.00 | 19.07 0.59 0.00 | 18.62 0.60 0.00 | 19.56 0.61 0.00 | 20.00 0.65 0.00 | 21.02 0.81 0.00 | 30.21 1.01 0.00 | 23.65 0.81 0.00 | 20.99 0.67 0.00 | 21.39 0.47 0.00 | 25.40 0.45 0.00 | 21.84 0.30 0.00 | 20.59 0.25 0.00 | 19.74 0.27 0.00 | 20.89 0.31 0.00 | 20.88 0.46 0.00 | 26.85 0.79 0.00 | 26.15 0.75 0.00 | 22.93 0.54 0.00 | 24.44 0.53 0.00 | 19.97 0.47 0.00 | 19.07 0.56 0.00 | 20.39 0.64 0.00 |
| UNION___PROCESSING_DRP 323587 | 15.37 -1.08 2.69 | 15.07 -1.14 2.23 | 14.91 -1.13 2.45 | 16.29 -1.15 0.58 | 17.88 -1.16 -0.09 | 18.56 -0.98 -0.19 | 19.12 -1.10 0.00 | 28.10 -1.68 -0.57 | 21.54 -1.48 -0.18 | 19.04 -1.28 0.00 | 19.60 -1.32 0.00 | 23.42 -1.53 0.00 | 20.31 -1.24 0.00 | 19.16 -1.18 0.00 | 18.18 -1.29 0.00 | 19.17 -1.41 0.00 | 19.24 -1.18 0.00 | 24.76 -1.30 0.00 | 24.19 -1.22 0.00 | 21.19 -1.20 0.00 | 22.35 -1.56 0.00 | 18.21 -1.29 0.00 | 17.21 -1.22 0.08 | 18.51 -1.25 0.00 |
| UPPER HUDSON___HYD 24058 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.77 0.00 | 18.79 0.77 0.00 | 19.80 0.86 0.00 | 20.32 0.96 0.00 | 21.54 1.33 0.00 | 31.26 2.05 0.00 | 24.41 1.57 0.00 | 21.51 1.20 0.00 | 21.86 0.94 0.00 | 26.02 1.06 0.00 | 22.31 0.76 0.00 | 21.05 0.72 0.00 | 20.26 0.79 0.00 | 21.48 0.90 0.00 | 21.55 1.12 0.00 | 27.80 1.74 0.00 | 27.07 1.67 0.00 | 23.73 1.34 0.00 | 25.19 1.28 0.00 | 20.47 0.97 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| UPPER RAQUET___HYD 24056 | 18.64 -0.51 0.00 | 18.09 -0.34 0.00 | 18.12 -0.37 0.00 | 17.69 -0.32 0.00 | 18.62 -0.33 0.00 | 18.84 -0.52 0.00 | 19.56 -0.65 0.00 | 28.32 -0.88 0.00 | 22.44 -0.40 0.00 | 20.02 -0.29 0.00 | 20.71 -0.21 0.00 | 24.87 -0.08 0.00 | 21.33 -0.21 0.00 | 19.99 -0.35 0.00 | 19.27 -0.20 0.00 | 20.34 -0.24 0.00 | 20.08 -0.34 0.00 | 25.35 -0.70 0.00 | 24.60 -0.80 0.00 | 21.80 -0.60 0.00 | 23.40 -0.51 0.00 | 19.04 -0.46 0.00 | 18.52 -0.43 -0.44 | 21.97 -0.30 -2.51 |
| VALLEY44_115KV_TB2 355964 | 12.44 -1.02 5.69 | 12.63 -1.09 4.72 | 12.24 -1.07 5.18 | 15.65 -1.14 1.23 | 15.21 -1.09 2.65 | 13.27 -0.71 5.37 | 19.57 -0.62 0.03 | 12.64 -0.84 15.72 | 17.00 -0.80 5.04 | 19.69 -0.62 0.02 | 20.32 -0.60 0.00 | 24.48 -0.47 0.00 | 21.14 -0.40 0.00 | 19.88 -0.45 0.00 | 18.89 -0.58 0.00 | 20.08 -0.50 0.00 | 20.08 -0.35 0.00 | 24.74 -1.32 0.00 | 24.26 -1.14 0.00 | 21.15 -1.25 0.00 | 22.20 -1.71 0.00 | 18.11 -1.39 0.00 | 17.22 -1.13 0.16 | 18.71 -1.05 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 19.30 0.15 0.00 | 18.56 0.12 0.00 | 18.63 0.15 0.00 | 18.14 0.12 0.00 | 19.08 0.13 0.00 | 19.57 0.22 0.00 | 20.67 0.45 0.00 | 29.95 0.74 0.00 | 23.44 0.60 0.00 | 20.71 0.39 0.00 | 21.17 0.25 0.00 | 25.16 0.21 0.00 | 21.67 0.13 0.00 | 20.45 0.11 0.00 | 19.58 0.11 0.00 | 20.69 0.11 0.00 | 20.65 0.23 0.00 | 26.61 0.56 0.00 | 25.97 0.57 0.00 | 22.76 0.37 0.00 | 24.27 0.36 0.00 | 19.77 0.27 0.00 | 18.81 0.30 0.00 | 20.01 0.25 0.00 |

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| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 19.85 0.70 0.00 | 19.11 0.67 0.00 | 19.14 0.65 0.00 | 18.65 0.64 0.00 | 19.47 0.70 0.18 | 19.79 0.80 0.36 | 21.17 0.96 0.00 | 29.64 1.49 1.06 | 23.66 1.16 0.34 | 21.32 1.01 0.00 | 21.82 0.90 0.00 | 25.92 0.97 0.00 | 22.36 0.82 0.00 | 21.11 0.77 0.00 | 20.16 0.69 0.00 | 21.35 0.77 0.00 | 21.29 0.87 0.00 | 27.30 1.24 0.00 | 26.66 1.26 0.00 | 23.40 1.01 0.00 | 24.87 0.96 0.00 | 20.25 0.75 0.00 | 19.21 0.70 0.00 | 20.43 0.68 0.00 |
| VISCHER___FERRY HYD 24020 | 19.93 0.79 0.00 | 19.17 0.73 0.00 | 19.22 0.74 0.00 | 18.75 0.74 0.00 | 19.74 0.79 0.00 | 20.19 0.84 0.00 | 21.30 1.08 0.00 | 30.80 1.60 0.00 | 24.07 1.23 0.00 | 21.32 1.01 0.00 | 21.75 0.83 0.00 | 25.85 0.90 0.00 | 22.21 0.67 0.00 | 20.94 0.60 0.00 | 20.08 0.61 0.00 | 21.26 0.67 0.00 | 21.20 0.78 0.00 | 27.30 1.25 0.00 | 26.60 1.20 0.00 | 23.33 0.93 0.00 | 24.87 0.96 0.00 | 20.28 0.78 0.00 | 19.25 0.74 0.00 | 20.50 0.74 0.00 |
| V_A_10_SYNC_DSASP 323832 | 14.44 -1.59 3.12 | 14.20 -1.65 2.58 | 14.03 -1.62 2.83 | 15.70 -1.65 0.67 | 18.52 -1.70 -1.27 | 20.42 -1.51 -2.57 | 18.51 -1.72 -0.01 | 34.04 -2.71 -7.54 | 23.00 -2.26 -2.42 | 18.43 -1.90 -0.01 | 18.93 -2.00 0.00 | 22.70 -2.25 0.00 | 19.71 -1.83 0.00 | 18.59 -1.75 0.00 | 17.59 -1.89 0.00 | 18.57 -2.02 0.00 | 18.63 -1.79 0.00 | 23.97 -2.09 0.00 | 23.41 -1.99 0.00 | 20.49 -1.90 0.00 | 21.57 -2.34 0.00 | 17.58 -1.92 0.00 | 16.62 -1.80 0.09 | 17.93 -1.83 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 19.07 -0.08 0.00 | 18.42 -0.02 0.00 | 18.47 -0.02 0.00 | 18.01 0.00 0.00 | 18.92 -0.02 0.00 | 19.22 -0.13 0.00 | 19.93 -0.28 0.00 | 28.72 -0.48 0.00 | 22.54 -0.30 0.00 | 20.11 -0.21 0.00 | 20.86 -0.06 0.00 | 25.10 0.15 0.00 | 21.70 0.16 0.00 | 20.44 0.10 0.00 | 19.61 0.14 0.00 | 20.70 0.12 0.00 | 20.40 -0.03 0.00 | 25.77 -0.28 0.00 | 25.08 -0.32 0.00 | 22.25 -0.14 0.00 | 23.90 -0.01 0.00 | 19.47 -0.04 0.00 | 18.43 -0.08 0.00 | 19.72 -0.04 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 19.07 -0.07 0.00 | 18.32 -0.11 0.00 | 18.34 -0.15 0.00 | 18.01 -0.01 0.00 | 19.08 0.13 0.00 | 19.32 -0.04 0.00 | 20.09 -0.12 0.00 | 28.77 -0.43 0.00 | 22.72 -0.12 0.00 | 20.25 -0.07 0.00 | 20.86 -0.06 0.00 | 25.31 0.36 0.00 | 21.95 0.40 0.00 | 20.52 0.18 0.00 | 19.97 0.50 0.00 | 21.15 0.57 0.00 | 20.80 0.38 0.00 | 26.12 0.06 0.00 | 25.20 -0.20 0.00 | 22.08 -0.31 0.00 | 23.72 -0.19 0.00 | 19.18 -0.32 0.00 | 15.16 -0.50 2.86 | 3.34 -0.15 16.26 |
| V_D_10_SYNC_DSASP 323841 | 19.12 -0.03 0.00 | 18.53 0.09 0.00 | 18.57 0.08 0.00 | 18.12 0.10 0.00 | 19.03 0.09 0.00 | 19.29 -0.06 0.00 | 20.00 -0.21 0.00 | 28.84 -0.36 0.00 | 22.66 -0.17 0.00 | 20.21 -0.11 0.00 | 20.96 0.04 0.00 | 25.22 0.27 0.00 | 21.78 0.24 0.00 | 20.50 0.16 0.00 | 19.68 0.20 0.00 | 20.77 0.19 0.00 | 20.48 0.06 0.00 | 25.88 -0.18 0.00 | 25.17 -0.23 0.00 | 22.33 -0.07 0.00 | 23.97 0.06 0.00 | 19.52 0.02 0.00 | 18.58 -0.01 -0.08 | 20.27 0.09 -0.43 |
| V_E_10_SYNC_DSASP 323830 | 26.18 0.34 -6.70 | 24.58 0.59 -5.55 | 24.81 0.41 -5.92 | 19.85 0.39 -1.45 | 19.29 0.61 0.26 | 19.46 0.63 0.53 | 21.14 0.93 0.00 | 29.25 1.60 1.55 | 23.61 1.28 0.50 | 21.44 1.13 0.00 | 21.99 1.07 0.00 | 26.20 1.25 0.00 | 22.60 1.06 0.00 | 21.40 1.06 0.00 | 20.42 0.95 0.00 | 21.82 1.24 0.00 | 21.86 1.44 0.00 | 27.86 1.80 0.00 | 27.09 1.69 0.00 | 23.53 1.14 0.00 | 24.96 1.05 0.00 | 20.16 0.66 0.00 | 19.36 0.63 -0.22 | 20.43 0.67 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 20.07 0.92 0.00 | 19.29 0.85 0.00 | 19.33 0.85 0.00 | 18.87 0.85 0.00 | 19.87 0.93 0.00 | 20.36 1.01 0.00 | 21.50 1.29 0.00 | 31.15 1.95 0.00 | 24.33 1.49 0.00 | 21.48 1.16 0.00 | 21.88 0.96 0.00 | 26.05 1.10 0.00 | 22.36 0.82 0.00 | 21.12 0.78 0.00 | 20.27 0.79 0.00 | 21.48 0.90 0.00 | 21.48 1.05 0.00 | 27.66 1.61 0.00 | 26.94 1.54 0.00 | 23.64 1.25 0.00 | 25.16 1.25 0.00 | 20.47 0.97 0.00 | 19.40 0.89 0.00 | 20.64 0.88 0.00 |
| V_F_30_SYNC_DSASP 323786 | 19.80 0.66 0.00 | 19.07 0.63 0.00 | 19.11 0.63 0.00 | 18.66 0.64 0.00 | 19.60 0.66 0.00 | 20.05 0.70 0.00 | 21.08 0.87 0.00 | 30.30 1.10 0.00 | 23.74 0.90 0.00 | 21.05 0.73 0.00 | 21.45 0.53 0.00 | 25.49 0.53 0.00 | 21.91 0.37 0.00 | 20.67 0.33 0.00 | 19.80 0.33 0.00 | 20.97 0.39 0.00 | 20.96 0.54 0.00 | 26.95 0.90 0.00 | 26.25 0.85 0.00 | 23.02 0.62 0.00 | 24.52 0.61 0.00 | 20.03 0.53 0.00 | 19.12 0.61 0.00 | 20.45 0.69 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 19.07 -0.07 0.00 | 18.32 -0.11 0.00 | 18.34 -0.15 0.00 | 18.01 -0.01 0.00 | 19.08 0.13 0.00 | 19.32 -0.04 0.00 | 20.09 -0.12 0.00 | 28.77 -0.43 0.00 | 22.72 -0.12 0.00 | 20.25 -0.07 0.00 | 20.86 -0.06 0.00 | 25.31 0.36 0.00 | 21.95 0.40 0.00 | 20.52 0.18 0.00 | 19.97 0.50 0.00 | 21.15 0.57 0.00 | 20.80 0.38 0.00 | 26.12 0.06 0.00 | 25.20 -0.20 0.00 | 22.08 -0.31 0.00 | 23.72 -0.19 0.00 | 19.18 -0.32 0.00 | 15.16 -0.50 2.86 | 3.34 -0.15 16.26 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.15 1.00 0.00 | 19.34 0.90 0.00 | 19.41 0.92 0.00 | 18.85 0.84 0.00 | 19.87 0.93 0.00 | 20.45 1.10 0.00 | 21.66 1.45 0.00 | 31.51 2.31 0.00 | 24.60 1.76 0.00 | 21.85 1.54 0.00 | 22.24 1.32 0.00 | 26.20 1.25 0.00 | 22.57 1.03 0.00 | 21.34 1.00 0.00 | 20.41 0.94 0.00 | 21.61 1.03 0.00 | 21.58 1.15 0.00 | 27.82 1.76 0.00 | 27.16 1.75 0.00 | 23.77 1.37 0.00 | 25.23 1.32 0.00 | 20.53 1.04 0.00 | 19.47 0.96 0.00 | 20.68 0.93 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 20.21 1.06 0.00 | 19.39 0.95 0.00 | 19.47 0.98 0.00 | 18.90 0.89 0.00 | 19.89 0.94 0.00 | 20.47 1.11 0.00 | 21.75 1.54 0.00 | 31.67 2.46 0.00 | 24.75 1.92 0.00 | 22.05 1.73 0.00 | 22.42 1.50 0.00 | 26.34 1.39 0.00 | 22.73 1.19 0.00 | 21.52 1.18 0.00 | 20.61 1.14 0.00 | 21.79 1.21 0.00 | 21.73 1.31 0.00 | 28.00 1.95 0.00 | 27.33 1.93 0.00 | 23.89 1.50 0.00 | 25.36 1.45 0.00 | 20.65 1.15 0.00 | 19.57 1.06 0.00 | 20.73 0.97 0.00 |
| W50THST__13_KV_LOAD 356117 | 20.29 1.15 0.00 | 19.47 1.03 0.00 | 19.54 1.06 0.00 | 18.97 0.96 0.00 | 19.96 1.02 0.00 | 20.55 1.20 0.00 | 21.86 1.65 0.00 | 31.86 2.66 0.00 | 24.91 2.08 0.00 | 22.21 1.89 0.00 | 22.58 1.66 0.00 | 26.54 1.58 0.00 | 22.90 1.36 0.00 | 21.68 1.34 0.00 | 20.77 1.29 0.00 | 21.96 1.38 0.00 | 21.90 1.48 0.00 | 28.22 2.16 0.00 | 27.53 2.13 0.00 | 24.05 1.66 0.00 | 25.52 1.61 0.00 | 20.76 1.26 0.00 | 19.67 1.17 0.00 | 20.83 1.08 0.00 |
| WADING RIVER_IC_1 23522 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.44 -32.62 | 23.28 2.12 -0.85 | 70.38 1.94 -47.51 | 26.69 1.73 0.00 | 22.87 1.33 0.00 | 36.51 1.43 -14.75 | 33.38 1.38 -12.52 | 33.25 1.44 -11.22 | 70.40 1.66 -48.32 | 54.91 2.40 -26.46 | 34.07 2.49 -6.19 | 24.45 2.06 0.00 | 26.16 2.25 0.00 | 21.76 1.91 -0.35 | 20.33 1.64 -0.18 | 21.38 1.56 -0.06 |
| WADING RIVER_IC_2 23547 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.44 -32.62 | 23.28 2.12 -0.85 | 70.38 1.94 -47.51 | 26.69 1.73 0.00 | 22.87 1.33 0.00 | 36.51 1.43 -14.75 | 33.38 1.38 -12.52 | 33.25 1.44 -11.22 | 70.40 1.66 -48.32 | 54.91 2.40 -26.46 | 34.07 2.49 -6.19 | 24.45 2.06 0.00 | 26.16 2.25 0.00 | 21.76 1.91 -0.35 | 20.33 1.64 -0.18 | 21.38 1.56 -0.06 |

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| WADING RIVER_IC_3 23601 | 20.99 1.85 0.00 | 20.12 1.68 0.00 | 20.16 1.68 0.00 | 19.57 1.56 0.00 | 20.57 1.63 0.00 | 21.17 1.82 0.00 | 34.54 2.15 -12.18 | 70.28 3.20 -37.87 | 57.89 2.44 -32.62 | 23.28 2.12 -0.85 | 70.38 1.94 -47.51 | 26.69 1.73 0.00 | 22.87 1.33 0.00 | 36.51 1.43 -14.75 | 33.38 1.38 -12.52 | 33.25 1.44 -11.22 | 70.40 1.66 -48.32 | 54.91 2.40 -26.46 | 34.07 2.49 -6.19 | 24.45 2.06 0.00 | 26.16 2.25 0.00 | 21.76 1.91 -0.35 | 20.33 1.64 -0.18 | 21.38 1.56 -0.06 |
| WALDENNY_I2_KV_BK2 80841 | 13.44 -1.53 4.17 | 13.35 -1.63 3.46 | 13.08 -1.61 3.80 | 15.47 -1.64 0.90 | 14.16 -1.68 3.11 | 11.69 -1.36 6.31 | 18.78 -1.40 0.04 | 8.67 -2.08 18.45 | 15.15 -1.77 5.92 | 18.83 -1.46 0.02 | 19.36 -1.56 0.00 | 23.27 -1.69 0.00 | 20.19 -1.35 0.00 | 19.02 -1.32 0.00 | 17.95 -1.53 0.00 | 18.98 -1.60 0.00 | 19.08 -1.35 0.00 | 24.18 -1.88 0.00 | 23.73 -1.67 0.00 | 20.70 -1.69 0.00 | 21.73 -2.18 0.00 | 17.66 -1.84 0.00 | 16.67 -1.72 0.12 | 18.02 -1.73 0.00 |
| WALDEN___HYDRO 24148 | 20.16 1.01 0.00 | 19.35 0.91 0.00 | 19.42 0.93 0.00 | 18.87 0.86 0.00 | 19.89 0.94 0.00 | 20.46 1.11 0.00 | 21.65 1.44 0.00 | 31.48 2.28 0.00 | 24.58 1.74 0.00 | 21.80 1.49 0.00 | 22.08 1.17 0.00 | 26.03 1.08 0.00 | 22.50 0.96 0.00 | 21.27 0.93 0.00 | 20.33 0.86 0.00 | 21.56 0.98 0.00 | 21.55 1.13 0.00 | 27.83 1.77 0.00 | 27.19 1.79 0.00 | 23.81 1.42 0.00 | 25.27 1.37 0.00 | 20.58 1.08 0.00 | 19.50 0.99 0.00 | 20.70 0.95 0.00 |
| WARRENSBURG____ 23737 | 19.99 0.84 0.00 | 19.20 0.76 0.00 | 19.26 0.77 0.00 | 18.79 0.77 0.00 | 19.80 0.86 0.00 | 20.32 0.96 0.00 | 21.54 1.33 0.00 | 31.26 2.05 0.00 | 24.41 1.57 0.00 | 21.51 1.20 0.00 | 21.86 0.94 0.00 | 26.02 1.06 0.00 | 22.31 0.76 0.00 | 21.05 0.72 0.00 | 20.26 0.79 0.00 | 21.48 0.90 0.00 | 21.55 1.12 0.00 | 27.80 1.74 0.00 | 27.07 1.67 0.00 | 23.73 1.34 0.00 | 25.19 1.28 0.00 | 20.47 0.97 0.00 | 19.37 0.86 0.00 | 20.56 0.80 0.00 |
| WATERSIDE___6 8 9 23538 | 20.23 1.08 0.00 | 19.42 0.98 0.00 | 19.48 1.00 0.00 | 18.91 0.90 0.00 | 19.90 0.96 0.00 | 20.49 1.14 0.00 | 21.79 1.57 0.00 | 31.72 2.52 0.00 | 24.82 1.98 0.00 | 22.10 1.78 0.00 | 22.47 1.55 0.00 | 26.41 1.45 0.00 | 22.78 1.24 0.00 | 21.57 1.24 0.00 | 20.67 1.19 0.00 | 21.82 1.24 0.00 | 21.77 1.34 0.00 | 28.04 1.99 0.00 | 27.37 1.97 0.00 | 23.92 1.53 0.00 | 25.39 1.49 0.00 | 20.67 1.17 0.00 | 19.60 1.09 0.00 | 20.74 0.99 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 19.35 0.20 0.00 | 18.62 0.18 0.00 | 18.68 0.19 0.00 | 18.20 0.18 0.00 | 19.15 0.20 0.00 | 19.61 0.26 0.00 | 20.64 0.43 0.00 | 29.86 0.66 0.00 | 23.35 0.51 0.00 | 20.66 0.34 0.00 | 21.15 0.23 0.00 | 25.13 0.18 0.00 | 21.66 0.11 0.00 | 20.44 0.10 0.00 | 19.58 0.11 0.00 | 20.69 0.11 0.00 | 20.64 0.22 0.00 | 26.55 0.50 0.00 | 25.90 0.50 0.00 | 22.73 0.33 0.00 | 24.23 0.33 0.00 | 19.76 0.26 0.00 | 18.77 0.26 0.00 | 19.98 0.23 0.00 |
| WATSON___69_KV_BK 1 55734 | 20.97 1.82 0.00 | 20.10 1.66 0.00 | 20.14 1.66 0.00 | 19.55 1.53 0.00 | 20.54 1.60 0.00 | 21.16 1.81 0.00 | 34.56 2.17 -12.18 | 70.40 3.33 -37.87 | 58.00 2.54 -32.62 | 23.37 2.20 -0.85 | 70.44 2.00 -47.51 | 26.79 1.84 0.00 | 23.00 1.45 0.00 | 36.61 1.53 -14.75 | 33.50 1.51 -12.52 | 33.45 1.65 -11.22 | 70.57 1.83 -48.32 | 55.14 2.63 -26.46 | 34.23 2.64 -6.19 | 24.60 2.21 0.00 | 26.24 2.33 0.00 | 21.78 1.93 -0.35 | 20.41 1.73 -0.18 | 21.51 1.70 -0.06 |
| WDELAWARE___HYD 323627 | 19.76 0.62 0.00 | 18.98 0.54 0.00 | 19.04 0.55 0.00 | 18.51 0.50 0.00 | 19.52 0.57 0.00 | 20.08 0.73 0.00 | 21.29 1.08 0.00 | 31.01 1.81 0.00 | 24.19 1.35 0.00 | 21.41 1.09 0.00 | 21.68 0.76 0.00 | 25.45 0.49 0.00 | 21.58 0.03 0.00 | 20.42 0.08 0.00 | 19.47 0.00 0.00 | 20.61 0.03 0.00 | 20.66 0.23 0.00 | 26.68 0.63 0.00 | 26.06 0.66 0.00 | 22.90 0.51 0.00 | 24.89 0.98 0.00 | 20.26 0.76 0.00 | 19.17 0.66 0.00 | 20.32 0.56 0.00 |
| WEST BABYLON___IC 23714 | 20.86 1.71 0.00 | 20.00 1.56 0.00 | 20.04 1.56 0.00 | 19.45 1.43 0.00 | 20.44 1.50 0.00 | 21.05 1.70 0.00 | 34.46 2.07 -12.18 | 70.26 3.18 -37.87 | 57.90 2.44 -32.62 | 23.29 2.12 -0.85 | 70.34 1.91 -47.51 | 26.70 1.75 0.00 | 22.94 1.40 0.00 | 36.55 1.46 -14.75 | 33.45 1.45 -12.52 | 33.39 1.59 -11.22 | 70.50 1.75 -48.32 | 55.04 2.53 -26.46 | 34.12 2.54 -6.19 | 24.50 2.11 0.00 | 26.11 2.20 0.00 | 21.66 1.81 -0.35 | 20.33 1.64 -0.18 | 21.43 1.61 -0.06 |
| WEST CANADA___HYD 24049 | 19.25 0.10 0.00 | 18.53 0.09 0.00 | 18.57 0.09 0.00 | 18.10 0.09 0.00 | 19.04 0.09 0.00 | 19.47 0.12 0.00 | 20.39 0.18 0.00 | 29.50 0.29 0.00 | 23.05 0.21 0.00 | 20.49 0.17 0.00 | 21.04 0.12 0.00 | 25.04 0.09 0.00 | 21.61 0.07 0.00 | 20.40 0.06 0.00 | 19.53 0.06 0.00 | 20.65 0.07 0.00 | 20.54 0.11 0.00 | 26.28 0.23 0.00 | 25.63 0.23 0.00 | 22.53 0.14 0.00 | 24.03 0.12 0.00 | 19.60 0.09 0.00 | 18.60 0.09 0.00 | 19.84 0.08 0.00 |
| WESTERN_NY_WIND 24143 | 14.65 -1.14 3.36 | 14.40 -1.26 2.78 | 14.20 -1.23 3.05 | 15.99 -1.30 0.72 | 15.72 -1.32 1.90 | 14.46 -1.03 3.86 | 19.09 -1.10 0.02 | 16.24 -1.67 11.28 | 17.67 -1.55 3.62 | 18.98 -1.33 0.01 | 19.54 -1.39 0.00 | 23.32 -1.64 0.00 | 20.30 -1.24 0.00 | 19.11 -1.23 0.00 | 18.05 -1.42 0.00 | 19.12 -1.46 0.00 | 19.16 -1.27 0.00 | 24.65 -1.41 0.00 | 24.11 -1.30 0.00 | 21.07 -1.33 0.00 | 22.14 -1.78 0.00 | 18.02 -1.48 0.00 | 17.01 -1.40 0.10 | 18.33 -1.42 0.00 |
| WESTOVER___LESR 323668 | 17.98 -0.27 0.90 | 17.44 -0.25 0.75 | 17.10 -0.28 1.11 | 17.54 -0.27 0.19 | 18.31 -0.24 0.39 | 18.40 -0.15 0.79 | 20.17 -0.03 0.00 | 26.92 0.04 2.32 | 22.09 0.00 0.75 | 20.30 -0.01 0.00 | 20.78 -0.14 0.00 | 24.72 -0.24 0.00 | 21.32 -0.22 0.00 | 20.17 -0.17 0.00 | 19.23 -0.25 0.00 | 20.37 -0.21 0.00 | 20.33 -0.09 0.00 | 26.04 -0.01 0.00 | 25.43 0.03 0.00 | 22.27 -0.12 0.00 | 23.55 -0.35 0.00 | 19.15 -0.35 0.00 | 18.16 -0.32 0.03 | 19.42 -0.34 0.00 |
| WETHRSFD_WT_PWR 323626 | 13.08 -2.06 4.01 | 13.01 -2.11 3.32 | 12.76 -2.07 3.65 | 15.09 -2.06 0.87 | 13.55 -2.16 3.24 | 10.88 -1.91 6.56 | 18.17 -2.01 0.04 | 6.94 -3.06 19.20 | 14.18 -2.50 6.16 | 18.26 -2.03 0.02 | 18.83 -2.09 0.00 | 22.67 -2.29 0.00 | 19.72 -1.82 0.00 | 18.46 -1.88 0.00 | 17.35 -2.12 0.00 | 18.46 -2.12 0.00 | 18.54 -1.89 0.00 | 23.77 -2.28 0.00 | 23.31 -2.09 0.00 | 20.21 -2.19 0.00 | 21.20 -2.71 0.00 | 17.15 -2.35 0.00 | 16.15 -2.25 0.11 | 17.50 -2.25 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 20.08 0.93 0.00 | 19.27 0.84 0.00 | 19.35 0.86 0.00 | 18.79 0.78 0.00 | 19.81 0.87 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.39 2.19 0.00 | 24.50 1.66 0.00 | 21.77 1.45 0.00 | 22.15 1.23 0.00 | 26.10 1.15 0.00 | 22.48 0.94 0.00 | 21.26 0.92 0.00 | 20.33 0.86 0.00 | 21.53 0.94 0.00 | 21.49 1.06 0.00 | 27.69 1.64 0.00 | 27.04 1.64 0.00 | 23.66 1.27 0.00 | 25.12 1.21 0.00 | 20.45 0.95 0.00 | 19.40 0.89 0.00 | 20.61 0.86 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.08 0.93 0.00 | 19.27 0.84 0.00 | 19.35 0.86 0.00 | 18.79 0.78 0.00 | 19.81 0.87 0.00 | 20.38 1.03 0.00 | 21.57 1.36 0.00 | 31.39 2.19 0.00 | 24.50 1.66 0.00 | 21.77 1.45 0.00 | 22.15 1.23 0.00 | 26.10 1.15 0.00 | 22.48 0.94 0.00 | 21.26 0.92 0.00 | 20.33 0.86 0.00 | 21.53 0.94 0.00 | 21.49 1.06 0.00 | 27.69 1.64 0.00 | 27.04 1.64 0.00 | 23.66 1.27 0.00 | 25.12 1.21 0.00 | 20.45 0.95 0.00 | 19.40 0.89 0.00 | 20.61 0.86 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WHITEHAL_115KV_TB1 80871 | 20.17 1.02 0.00 | 19.34 0.90 0.00 | 19.45 0.96 0.00 | 18.99 0.98 0.00 | 20.06 1.12 0.00 | 20.62 1.27 0.00 | 22.10 1.89 0.00 | 32.20 3.00 0.00 | 25.13 2.29 0.00 | 22.15 1.83 0.00 | 22.30 1.38 0.00 | 26.39 1.44 0.00 | 22.53 0.99 0.00 | 21.21 0.87 0.00 | 20.62 1.14 0.00 | 21.86 1.28 0.00 | 22.19 1.77 0.00 | 28.71 2.66 0.00 | 27.94 2.54 0.00 | 24.43 2.03 0.00 | 25.72 1.81 0.00 | 20.82 1.32 0.00 | 19.60 1.09 0.00 | 20.71 0.95 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 20.34 1.19 0.00 | 19.52 1.08 0.00 | 19.58 1.10 0.00 | 19.02 1.01 0.00 | 20.03 1.09 0.00 | 20.62 1.27 0.00 | 21.87 1.65 0.00 | 31.82 2.62 0.00 | 24.86 2.02 0.00 | 22.10 1.78 0.00 | 22.49 1.56 0.00 | 26.47 1.51 0.00 | 22.81 1.27 0.00 | 21.58 1.25 0.00 | 20.66 1.19 0.00 | 21.87 1.29 0.00 | 21.83 1.40 0.00 | 28.13 2.08 0.00 | 27.46 2.06 0.00 | 24.03 1.63 0.00 | 25.51 1.60 0.00 | 20.76 1.26 0.00 | 19.67 1.16 0.00 | 20.87 1.12 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 20.97 1.82 0.00 | 20.10 1.66 0.00 | 20.14 1.66 0.00 | 19.55 1.53 0.00 | 20.55 1.61 0.00 | 21.14 1.79 0.00 | 34.51 2.13 -12.18 | 70.28 3.20 -37.87 | 57.90 2.44 -32.62 | 23.29 2.13 -0.85 | 70.34 1.91 -47.51 | 26.66 1.71 0.00 | 22.85 1.30 0.00 | 36.48 1.40 -14.75 | 33.36 1.36 -12.52 | 33.27 1.46 -11.22 | 70.42 1.68 -48.32 | 54.97 2.46 -26.46 | 34.10 2.51 -6.19 | 24.47 2.08 0.00 | 26.15 2.24 0.00 | 21.75 1.90 -0.35 | 20.36 1.67 -0.18 | 21.42 1.61 -0.06 |
| WOODARD__115KV_TB2 355635 | 18.51 -0.64 0.00 | 17.80 -0.64 0.00 | 17.83 -0.65 0.00 | 17.36 -0.65 0.00 | 18.28 -0.66 0.00 | 18.76 -0.59 0.00 | 19.63 -0.58 0.00 | 28.38 -0.82 0.00 | 22.14 -0.69 0.00 | 19.67 -0.65 0.00 | 20.25 -0.67 0.00 | 24.06 -0.89 0.00 | 20.82 -0.72 0.00 | 19.68 -0.65 0.00 | 18.81 -0.66 0.00 | 19.88 -0.70 0.00 | 19.84 -0.59 0.00 | 25.38 -0.67 0.00 | 24.77 -0.63 0.00 | 21.75 -0.64 0.00 | 23.08 -0.83 0.00 | 18.84 -0.66 0.00 | 17.91 -0.60 0.00 | 19.17 -0.59 0.00 |
| YORK__WARBASSE 23770 | 20.33 1.18 0.00 | 19.51 1.07 0.00 | 19.57 1.09 0.00 | 19.00 0.98 0.00 | 19.99 1.05 0.00 | 20.59 1.24 0.00 | 21.89 1.68 0.00 | 31.87 2.66 0.00 | 24.93 2.09 0.00 | 22.22 1.90 0.00 | 22.60 1.68 0.00 | 26.55 1.60 0.00 | 22.90 1.36 0.00 | 21.68 1.35 0.00 | 20.78 1.31 0.00 | 21.93 1.35 0.00 | 21.88 1.46 0.00 | 28.19 2.13 0.00 | 27.51 2.11 0.00 | 24.04 1.65 0.00 | 25.51 1.60 0.00 | 20.75 1.25 0.00 | 19.68 1.17 0.00 | 20.82 1.06 0.00 |